



September 15, 2023

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

**Re: Closure Report / Deferral Request
ConocoPhillips - Heritage COG Operating, LLC
Sidewinder Federal Com #004H Fire Tube Release
Unit Letter E, Section 32, Township 26 South, Range 29 East
Eddy County, New Mexico
Incident ID# NAB1819932821
2RP-4863**

Dear Sir or Madam:

Tetra Tech, Inc. (Tetra Tech) was contacted by ConocoPhillips Company (COPC) to assess and evaluate a historical release that occurred due to the fire tube failing, which released fluid from the heater treater and caused a fire at the Sidewinder Federal Com #004H facility. The approximate release site coordinates are 32.00053°, -104.01197°, located in the Public Land Survey System (PLSS) Unit Letter E, Section 32, Township 26 South, Range 29 East, Eddy County, New Mexico (Site). The Site location is shown on Figures 1 and 2.

BACKGROUND

According to the State of New Mexico Oil Conservation Division (NMOCD) C-141 Initial Report (Appendix A), the release was discovered on July 16, 2018. Approximately 15 barrels (bbls) of produced water and 1 bbl of oil were released, of which 13.75 bbls of liquid were reported recovered. The NMOCD received the initial C-141 on July 17, 2018, and subsequently assigned the release the Remediation Permit (RP) number 2RP-4863 and the Incident ID NAB1819932821.

The Sidewinder Federal Com #004H Fire Tube Release (2RP-4863/ NAB1819932821) 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 31, 2022.

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. The Delineation Workplan previously completed by BBC was included as a portion of the ACO.

LAND OWNERSHIP

According to the NMOCD Oil and Gas Map, the site is located is Private land. Prior to assessment and remedial activities, the appropriate parties were contacted and informed of the work and remedial work was coordinated with the landowner.

Tetra Tech

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SITE ASSESSMENT AND BBC WORK PLAN

According to information provided by COPC, BBC International, Incorporated (BBC) was initially contracted to map the extent and sample the release footprint and the surrounding area. Based upon the mapped initial extent provided by BBC, the release footprint was approximately 7,790 square feet of lease pad.

On July 25 through 27, 2018, BBC installed ten (10) borings (SP1 through SP10) within the release footprint to a maximum depth of 9 feet bgs. Additionally, four (4) borings were completed (North, East, South, West) in the cardinal directions to establish horizontal delineation. A total of forty-eight (48) samples were collected from the sample locations and transferred under chain of custody to Cardinal Laboratories (Cardinal). All soil samples were analyzed for chloride via Method SM4500Cl-B. Selected samples were analyzed for TPH via Method 8015 Modified and BTEX via Method 8021B.

Based on the results of the assessment activities, a Delineation Workplan was completed by BBC and submitted to NMOCD, on behalf of COG, via email in 2018. The BBC Delineation Workplan had not been approved nor rejected by the NMOCD. Therefore, the workplan was resubmitted via the NMOCD Fee Application Portal. On December 6, 2022, the NMOCD approved the BBC Delineation Workplan via email from Brittany Hall (Appendix B). The following comments were included in the email:

- *"Base and side wall samples confirmation samples need to be collected and representative of no more than 200 square feet. All confirmation samples must be analyzed for the constituents in Table 1 of 19.15.29.12 NMAC.*
- *Remediation and closure must comply with 19.15.29.12 and 19.15.29.13 NMAC.*
- *2RP-4863 closed. Refer to incident #NAB1819932821 in all future communication.*
- *Please submit a complete report through the OCD Permitting website by 3/10/2023."*

Based on the results of the assessment activities, the impacted area within the muscle wall facility was vertically delineated to the most stringent RRALs. Per 19.15.29.11 A.(5)(b) NMAC, based on borings SP6-SP11, which were completed inside the facility, the entire release was delineated vertically in this area.

SITE CHARACTERIZATION

In conjunction with the provided BBC Workplan, a supplementary site characterization was performed and no watercourses, sinkholes, residences, schools, hospitals, institutions, churches, springs, private domestic water wells, playa lakes, wetlands, incorporated municipal boundaries, subsurface mines, or floodplains are located within the distances specified in 19.15.29 New Mexico Administrative Code (NMAC). The Site is in an area of medium karst potential. 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. As the available water level information is further than ½ mile away from the Site, COP reviewed adjacent incident sites for the possibility of associated borings which could provide a means for determining depth to groundwater in the vicinity of NAB1819932821 release area. As such, subsurface data from the Copperhead 31 Fed Com #001H Releases (2RP-4796 and 2RP-5034) were reviewed.

On February 15, 2019, a licensed drilling subcontractor was contracted to a drill a borehole (DTW) to 50 feet bgs as part of the characterization associated with the Copperhead 31 Fed Com #001H Releases (2RP-4796 and 2RP-5034). The DTW boring is located approximately 0.24 miles west of the Sidewinder Federal Com #004H lease pad. The borehole was dry upon completion, and soils were dry from surface to total depth. The depth to groundwater in the area was thus verified as greater than 50 feet bgs. The borehole was plugged with 3/8" bentonite chips. The borehole coordinates are 32.000342°, -104.016309°, and the boring location is indicated on Figure 4. The revised site characterization data, along with the boring log, is included in Appendix C.

REGULATORY FRAMEWORK

Based upon the release footprint and in accordance with Subsection E of 19.15.29.12 NMAC, per 19.15.29.11 NMAC, the site characterization data was used to determine recommended remedial action

levels (RRALs) for benzene, toluene, ethylbenzene, and xylene (collectively referred to as BTEX), total petroleum hydrocarbons (TPH), and chlorides in soil.

Based on the site characterization and in accordance with Table I of 19.15.29.12 NMAC, the RRALs for the Site are as follows:

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

ADDITIONAL SITE ASSESSMENT AND SAMPLING RESULTS

On behalf of ConocoPhillips, Tetra Tech conducted a visual Site inspection on December 7, 2022, to assess current Site conditions, examine for evidence of the reported release, and photograph the area. Tetra Tech personnel observed no obvious signs of staining and/or residual impact on the pad site or inside the lined containment area. It appears some semblance of remedial action had taken place in the pad area of the release extent; however, no record was found indicating such. It was also apparent that the previously damaged liner inside the muscle wall containment had been repaired. Photographic documentation from the visual inspection is included as Appendix D.

Based on the findings of the visual inspection, Tetra Tech returned to the site on April 5 and 6, 2023 to conduct additional soil sampling in the pad area of the release extent. The area inside the facility was not re-sampled in order to preserve the integrity of the liner. Thirteen (13) borings (AH-23-1 through AH-23-8 and AH-9 through AH-13) were installed using a hand auger in order to verify the findings presented by BBC in the Delineation Workplan. The borings were installed within and around the release extent to depths ranging from 1 to 6 ft bgs. A total of thirty-eight (38) samples were collected from the thirteen (13) borings and submitted to Cardinal to be analyzed for chlorides via EPA Method 4500.0, TPH via EPA Method 8015M, and BTEX via EPA Method 8021B.

The analytical results associated with the boring locations AH-23-1, AH-23-3, AH-23-4, AH-23-7, and AH-23-8 exceeded the Site RRAL for chloride of 600 mg/kg. Additionally, results associated with AH-9 through AH-13 exceeded the Site RRAL for TPH of 100 mg/kg. All other analytical results from the April 2023 sampling event were below Site RRALs.

Results of the additional assessment indicated that the release footprint provided by BBC no longer appears to be accurate to field. This discrepancy, given the age of the release, may be due to rain, sheet flow, and/or natural attenuation which have modified the release footprint over time. The revised release extent observed by Tetra Tech and the 2023 hand auger locations are presented in Figure 4. The results of the April 2023 sampling event are summarized in Table 2. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E.

REMEDIAL ACTIVITIES AND CONFIRMATION SAMPLING

From August 28 to September 1, 2023, Tetra Tech personnel were onsite to supervise the remedial activities proposed in the approved BBC Work Plan, including excavation, disposal, and confirmation sampling. Prior to confirmation sampling, on August 22, 2023, the NMOCD district office was notified via email 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 5. The areas within the release footprint were excavated to depths ranging from 1 to 6.5 feet below surround grade. Due to safety concerns associated with working around pressurized and electrical lines, impacted soils were excavated by hand to within 1 foot of subsurface lines. Heavy machinery remained outside this buffer zone to avoid any associated risk or disturbance. All excavated material was transported offsite for proper disposal. Approximately 450 cubic yards of material were transported to the R360 Halfway Facility in Hobbs, New Mexico. Copies of the waste

manifests are included in Appendix F. Photographs from the excavated areas prior to backfill are provided in Appendix D.

Following excavation, confirmation floor and sidewall samples were collected and submitted for laboratory analysis to verify efficacy of remediation activities. Per OCD stipulations, confirmation samples were collected such that each discrete sample (sidewall and floor) was representative of no more than 200 square feet of excavated area. A total of fifteen (15) confirmation floor samples and eleven (11) confirmation sidewall samples were collected during remedial activities. Confirmation sidewall sample locations were categorized with the cardinal direction (N, E, S, W) followed by SW-#. Confirmation floor sample locations were labeled with "FS"-#. Excavated areas, depths and confirmation sample locations are indicated in Figure 5.

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 August 2023 confirmation sampling events are summarized in Table 3. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E.

LINER INSPECTION AND DEFERRAL REQUEST

Although not a portion of the Workplan approval, on August 31, 2023, Tetra Tech personnel performed an inspection of the liner within the containment at the Sidewinder Federal Com #004H. The facility is active. The liner was observed to underlie the entirety of the containment area. The liner was intact with no visible tears and encompassed by a 2-foot tall, steel muscle wall. The liner extended up the wall and was anchored. Photographic documentation of the liner inspection is included in Appendix D.

The approved BBC Workplan proposed remedial action within the lined facility, as the liner had been damaged because of the fire. However, as stated, the liner was repaired prior the remedial action. Thus, due to maintaining the current integrity of the liner, ConocoPhillips respectfully requests that any further remediation of soils within the lined area of the facility with concentrations exceeding the Site RRAL of 600 mg/kg for chloride be deferred until facility deconstruction.

Any additional excavation and remediation efforts inside the walled containment would cause a major facility deconstruction, in addition to creating safety risks associated with excavating near production equipment via aggressive excavation methods (i.e., backhoe/truck hoe, excavators, hydraulic hammer, etc.). After the completion of remedial activities at the Site, the shallow impacts remaining in place are in areas immediately under and around production equipment inside a lined containment area. Per 19.15.29.12 C.(2) NMAC a deferral may be granted as long the contamination is fully delineated. The previous BBC data provided vertical delineation in this area.

Given the established DTW determination, the shallow soils at the Site with chloride concentrations above the Site RRAL of 600 mg/kg do not pose a threat to freshwater, human health, or the environment. The area requested for deferral is indicated in Figure 6.

CONCLUSION

As mentioned, the facility is currently active. The remedial work completed outside of the lined facility walls was successful in removing impacted soils from the release footprint.

ConocoPhillips respectfully requests that NMOCD will consider delaying final remediation activities at the Site until the equipment is removed during other operations, or when the facility is plugged or abandoned, whichever comes first. Final remediation and reclamation shall take place in accordance with 19.15.29.12 NMAC once the Site is no longer being used for oil and gas production.

Thus, ConocoPhillips requests deferral of the remaining impacted soils associated with the NAB1819932821 within the lined area of the facility. The completed C-141 forms are enclosed as 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 Tavaréz, RMR – ConocoPhillips

LIST OF ATTACHMENTS

Figures:

- Figure 1 – Overview Map
- Figure 2 – Site Location/Topographic Map
- Figure 3 – Approximate Release Extent and Initial Assessment (BBC International)
- Figure 4 – Additional Assessment and Inferred Release Extent (Tetra Tech)
- Figure 5 – Remediation Extent and Confirmation Sample Locations
- Figure 6 – Area to be Deferred

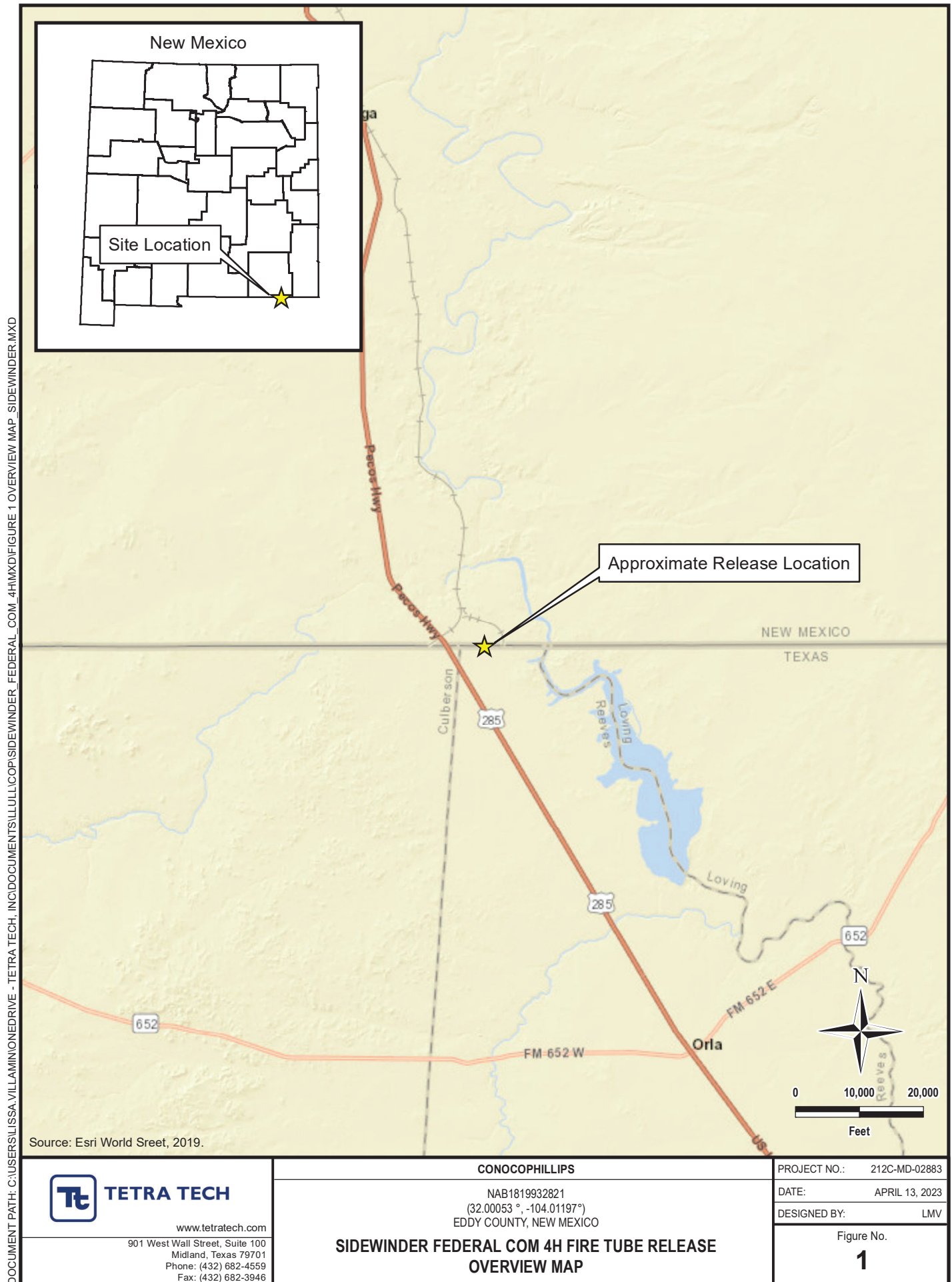
Tables:

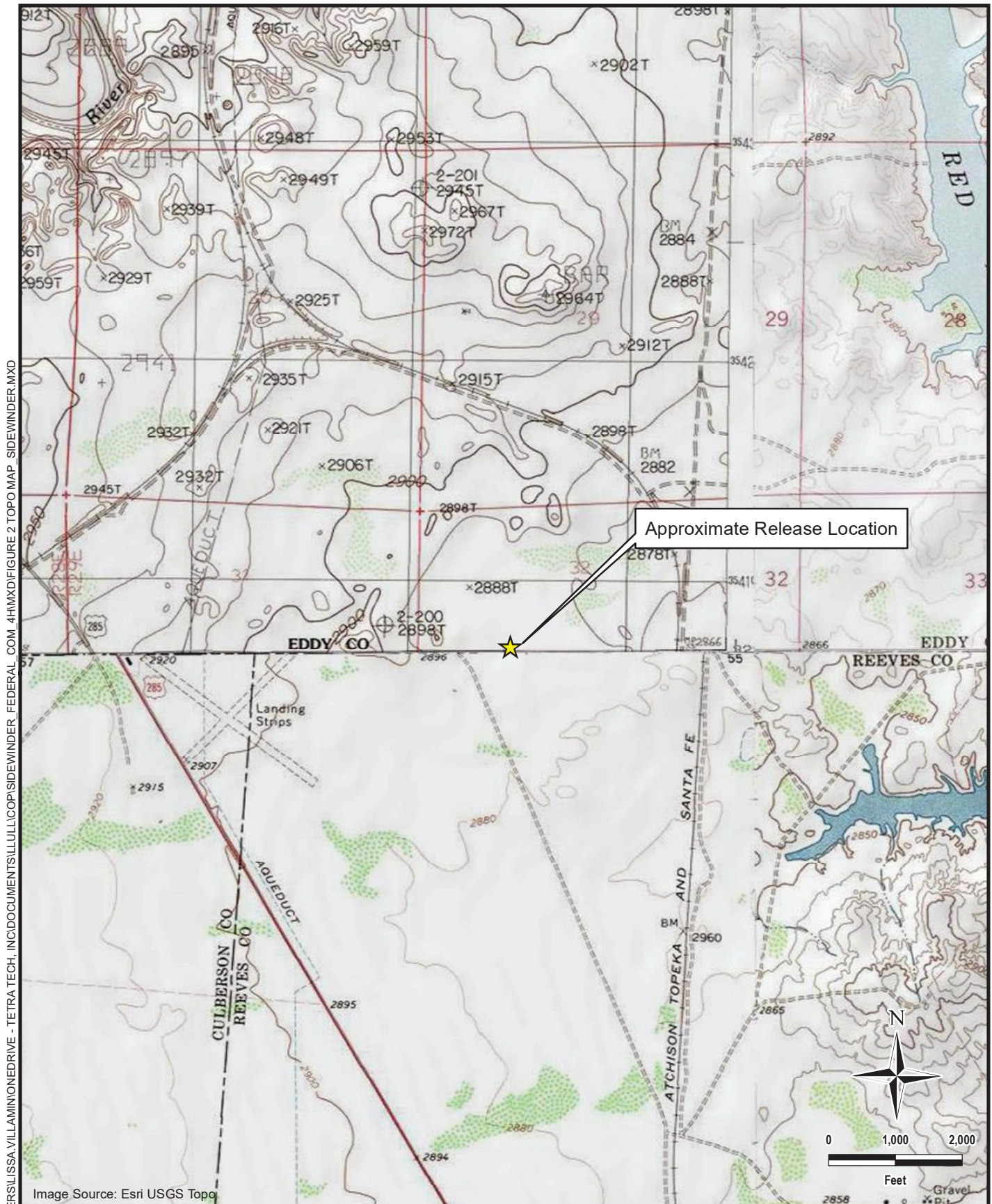
- Table 1 – Summary of Analytical Results – BBC Soil Assessment (2018)
- Table 2 – Summary of Analytical Results – Tetra Tech Additional Soil Assessment (2023)
- Table 3 – Summary of Analytical Results – Confirmation Sampling

Appendices:

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

FIGURES





TETRA TECH

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CONOCOPHILLIPS

NAB1819932821
(32.00053 °, -104.01197 °)
EDDY COUNTY, NEW MEXICO

**SIDEWINDER FEDERAL COM 4H FIRE TUBE RELEASE
TOPOGRAPHIC MAP**

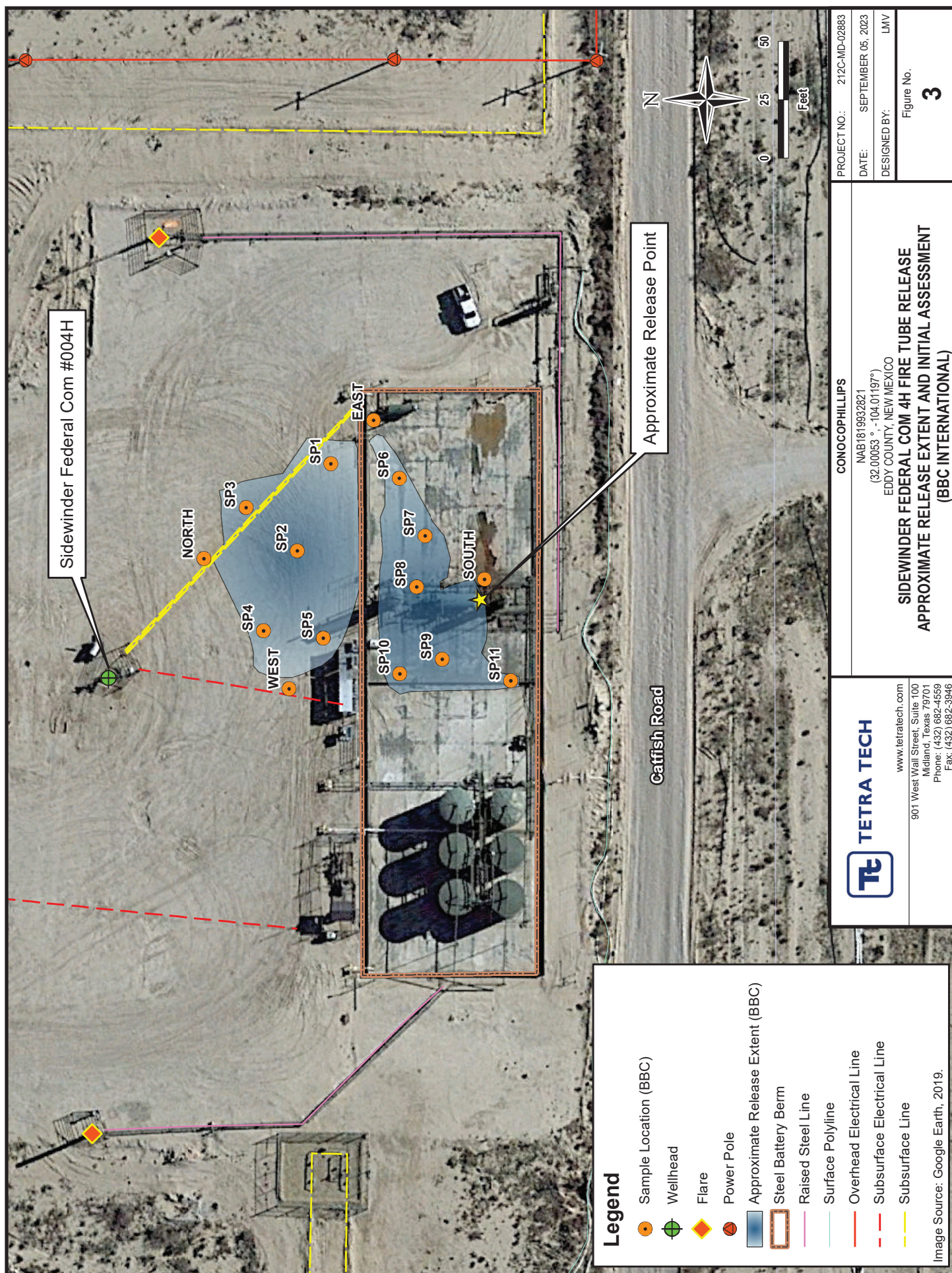
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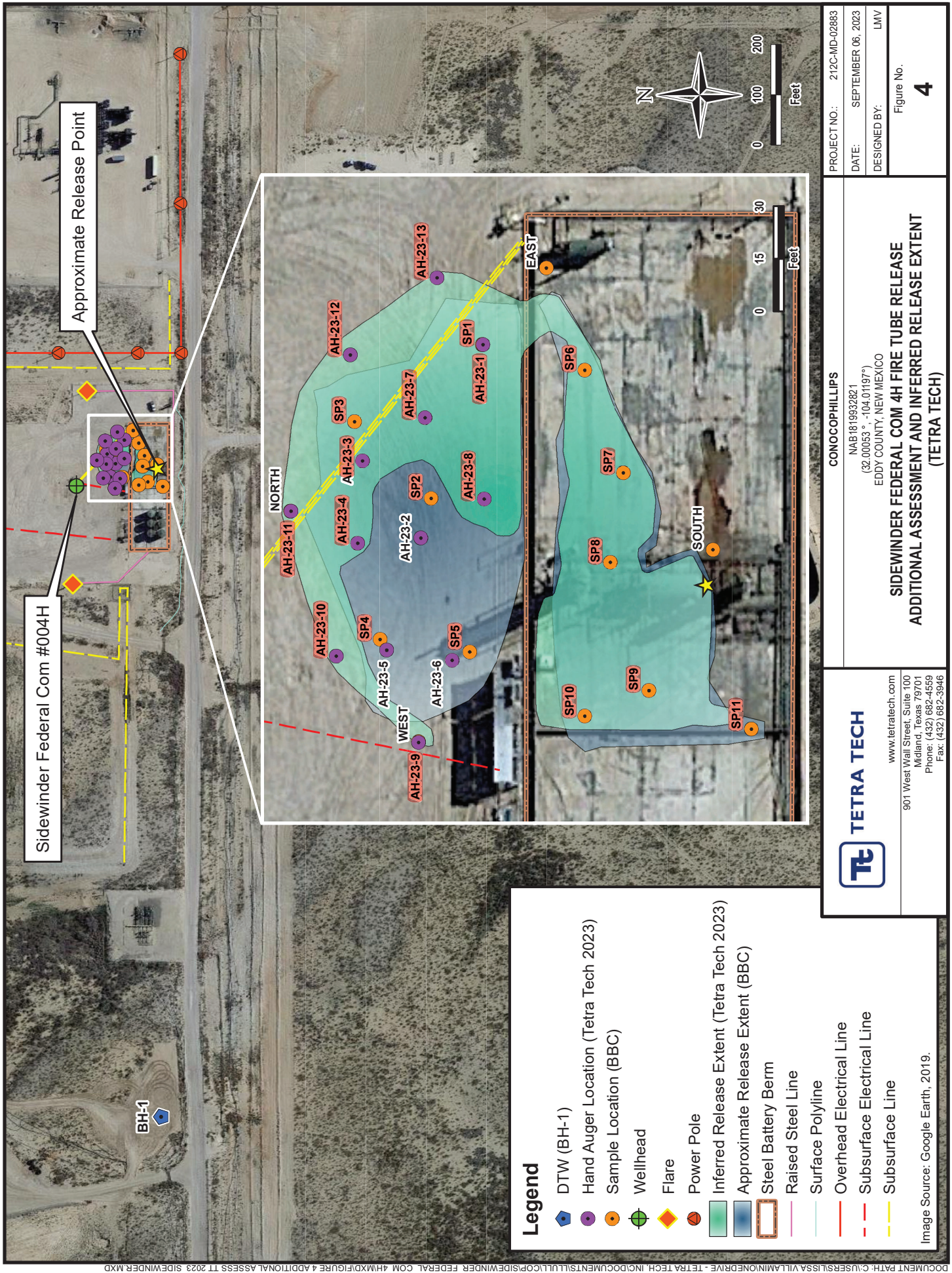
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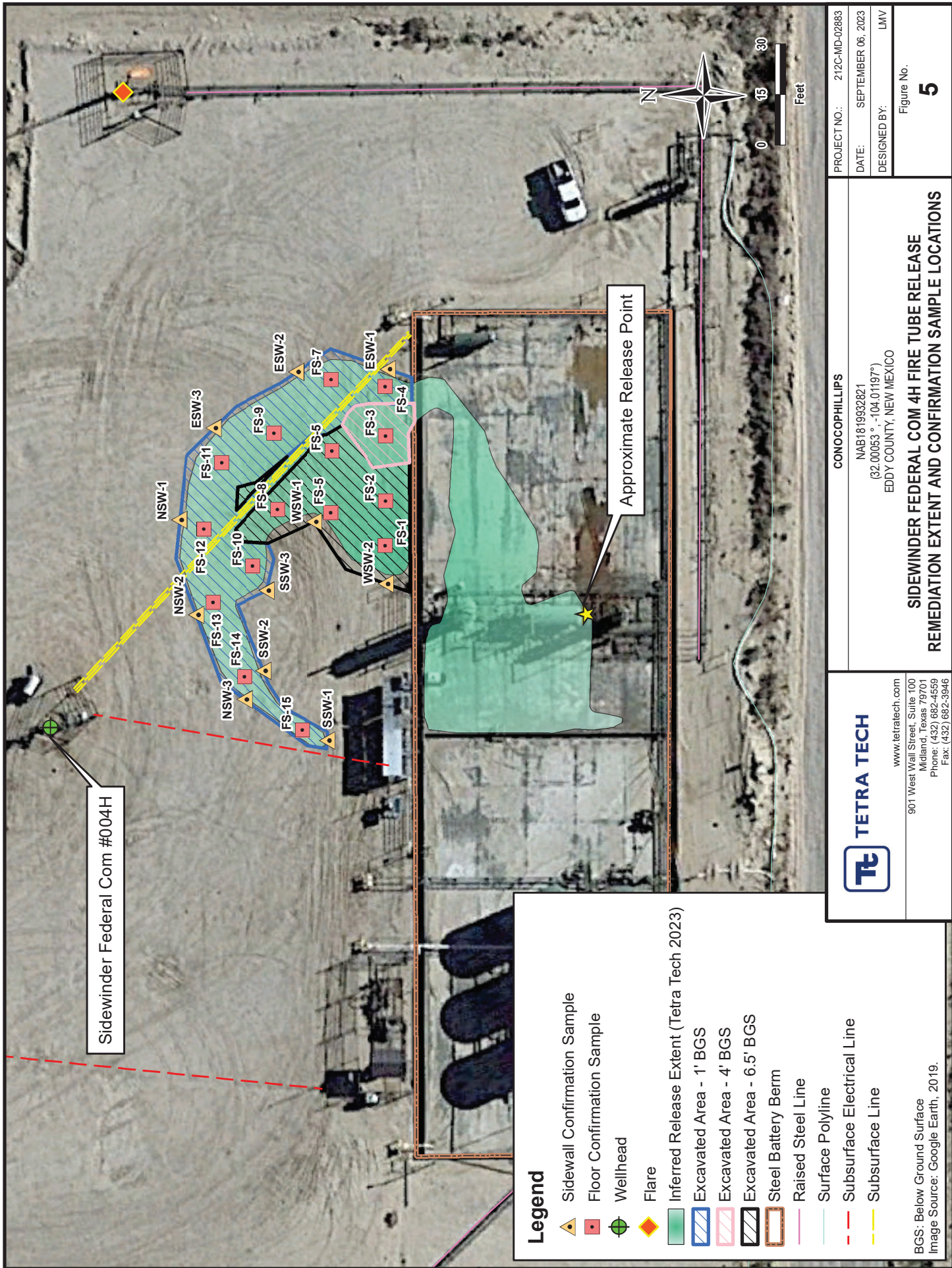
DESIGNED BY: LMV

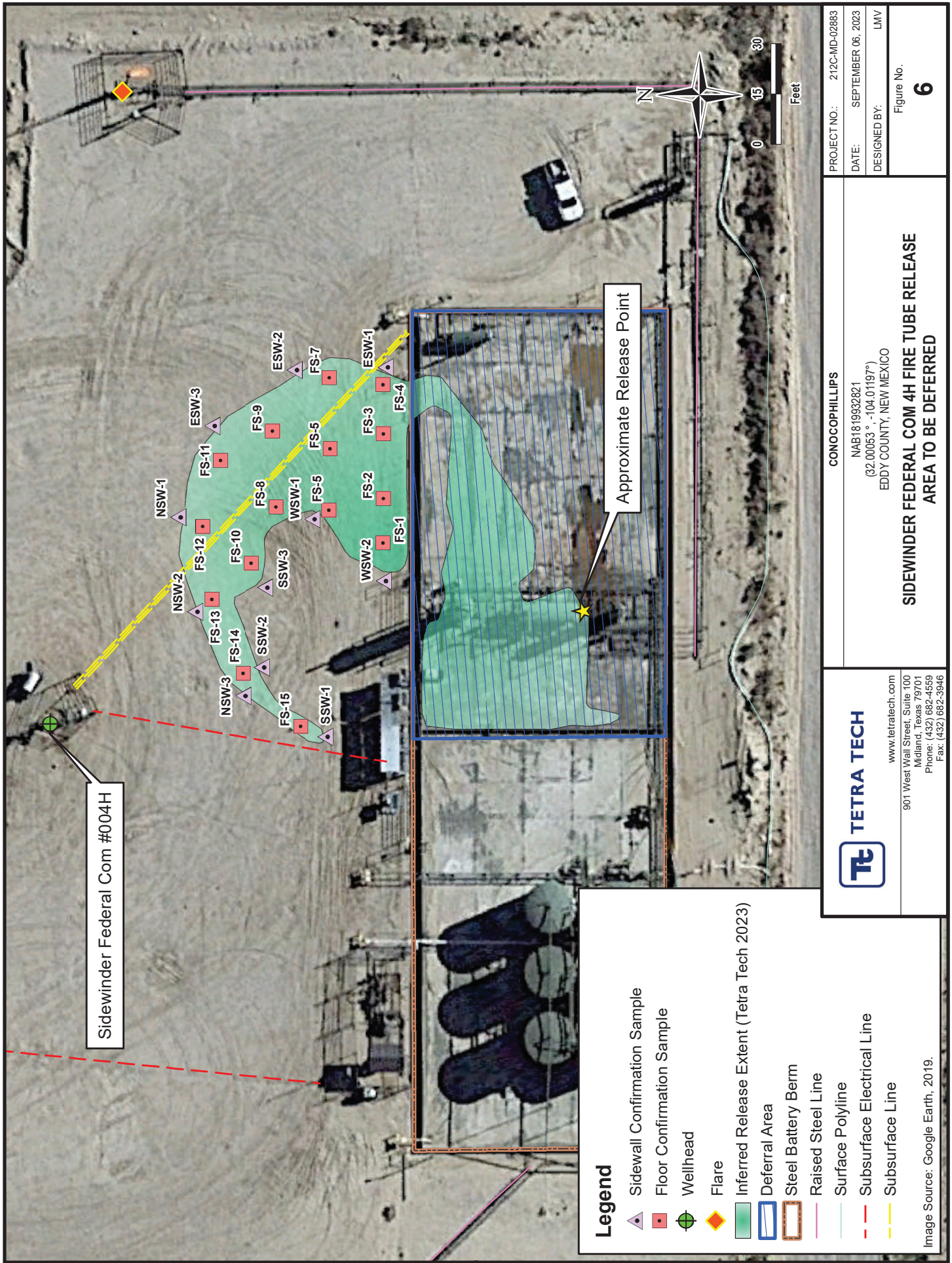
Figure No.

2









TABLES

TABLE 1
SUMMARY OF ANALYTICAL RESULTS
2018 SOIL ASSESSMENT- NAB1819932821/2RP-4683
CONOCOPHILLIPS
SIDEWINDER FEDERAL COM 4H RELEASE
EDDY COUNTY, NM

Sample ID	Sample Date	Sample Depth Interval ft. bgs	Chlorides ¹ < 600 mg/kg		< 10 mg/kg		BTEX ²			TPH ³				
			mg/kg	Q	Benzene		Toluene		Ethylbenzene	Total Xylenes		GRO		EXT DRO
					mg/kg	Q	mg/kg	Q		mg/kg	Q	mg/kg	Q	
SP 1	7/20/2018	SURFACE	10,700		NA		NA		NA			NA		
		1	6,400		<0.050		<0.050		<0.050			NA		
		2	1,420		NA		NA		NA			NA		
		3	640		NA		NA		NA			NA		
		4	560		NA		NA		NA			NA		
SP 2	7/25/2018	5	240		NA		NA		NA			NA		
		SURFACE	20,800		NA		NA		NA			NA		
		1	6,130		<0.050		<0.050		<0.150			<10.0		
		2	2,840		NA		NA		NA			NA		
		3	1,230		NA		NA		NA			NA		
SP 3	7/25/2018	4	752		NA		NA		NA			NA		
		5	288		NA		NA		NA			NA		
		SURFACE	13,000	QM-07	NA		NA		NA			NA		
		1	6,260		<0.050		<0.050		<0.150			<10.0		
		2	2,480		NA		NA		NA			NA		
SP 4	7/26/2018	3	1,220		NA		NA		NA			NA		
		4	848		NA		NA		NA			NA		
		5	272		NA		NA		NA			NA		
		SURFACE	1,120		NA		NA		NA			NA		
		1	992		<0.050		<0.050		<0.150			<10.0		
SP 5	7/26/2018	2	192		NA		NA		NA			NA		
		SURFACE	7,330		NA		NA		NA			NA		
		1	944		<0.050		<0.050		<0.150			<10.0		
		2	32.0		NA		NA		NA			NA		
		SURFACE	9,060		NA		NA		NA			NA		
SP 6	7/26/2018	1	4,080		<0.050		<0.050		<0.150			<10.0		
		2	896		NA		NA		NA			NA		
		3	144		NA		NA		NA			NA		
		SURFACE	37,200		NA		NA		NA			NA		
		1	3,240		<0.050		<0.050		<0.150			17.0		
SP 7	7/26/2018	2	464		NA		NA		NA			NA		
		3	80.0		NA		NA		NA			NA		
		SURFACE	13,900	QM-07	NA		NA		NA			NA		
		1	896		<0.050		<0.050		<0.150			23.2		
		2	96.0		NA		NA		NA			NA		
SP 8	7/27/2018	3	80.0		NA		NA		NA			NA		
		SURFACE	20,000		NA		NA		NA			NA		
		1	848		<0.050		<0.050		<0.150			<10.0		
		2	112		NA		NA		NA			NA		
		SURFACE	20,000		NA		NA		NA			NA		
SP 9	7/27/2018	1	848		<0.050		<0.050		<0.150			<10.0		
		2	112		NA		NA		NA			NA		
		SURFACE	20,000		NA		NA		NA			NA		
		1	848		<0.050		<0.050		<0.150			<10.0		
		2	112		NA		NA		NA			NA		

TABLE 1
SUMMARY OF ANALYTICAL RESULTS
2018 SOIL ASSESSMENT- NAB1819932821/2RP-4683
CONOCOPHILLIPS
SIDEWINDER FEDERAL COM 4H RELEASE
EDDY COUNTY, NM

19.15.29.12 NMAC Closure Criteria for Soils Impacted by a Release (≤ 50 ft)			Chlorides ¹ < 600 mg/kg		BTEX ²								TPH ³								
Sample ID	Sample Date	Sample Depth Interval	Chloride		Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO C ₉ - C ₁₀	DRO > C ₁₀ - C ₂₈		EXT DRO > C ₂₈ - C ₃₆	< 100 mg/kg	Total TPH (GRO+DRO+EXT DRO)	
			mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q		mg/kg	Q				mg/kg
SP 10	7/27/2018	ft. bgs																			
		SURFACE	16,800		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	-
		1	896		<0.050	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	-	-	
		2	80.0		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	-	
SP 11	7/27/2018	SURFACE	13,000		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	-
		1	768		<0.050	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	-	-	
		2	96.0		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	-	
NORTH	7/26/2018	SURFACE	32.0		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	-	-	
		SURFACE	32.0		<0.050	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	-	-	
		SURFACE	32.0		<0.050	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	-	-	
EAST	7/26/2018	SURFACE	32.0		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	-	-	
		SURFACE	32.0		<0.050	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	-	-	
		SURFACE	160.0		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<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 SM4500C-B

2 Method 8021B

3 Method 8015M

NA Sample not analyzed for parameter

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

Shaded rows indicate intervals proposed for excavation.

QUALIFIERS:

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

TABLE 2
SUMMARY OF ANALYTICAL RESULTS
2023 SOIL ASSESSMENT- NAB1819932821/2RP-4683
CONOCOPHILLIPS
SIDEWINDER FEDERAL COM 4H RELEASE
EDDY COUNTY, NM

19.15.29.12 NMAC Closure Criteria for Soils Impacted by a Release (≤ 50 ft)				Chlorides ¹		BTEX ²						TPH ³					
Sample ID	Sample Date	Sample Depth Interval	Chloride	< 10 mg/kg		Toluene		Ethylbenzene		Total Xylenes		< 50 mg/kg		EXT DRO		< 100 mg/kg Total TPH (GRO+DRO+EXT DRO)	
				mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q		mg/kg
AH-23-1	4/5/2023	0-1	16	<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		-	
		1-2	16	<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		-	
	4/6/2023	2-3	320	<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		-	
		3-4	1280	<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		-	
		4-5	432	<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		-	
AH-23-2	4/5/2023	0-1	336	<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		-	
		1-2	144	<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		-	
	4/6/2023	2-3	224	<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		-	
		3-4	192	<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		-	
		4-5	144	<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		-	
AH-23-3	4/5/2023	0-1	48	<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		-	
		1-2	80	<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		-	
	4/6/2023	2-3	1630	<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		-	
		3-4	1010	<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		-	
		4-5	848	<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		-	
		5-6	800	<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		-	
AH-23-4	4/6/2023	0-1	480	<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		-	
		2-3	688	<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		-	
		3-4	80	<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		-	
AH-23-5	4/6/2023	0-1	240	<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		-	
		2-3	256	<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		-	
		3-4	304	<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		-	
AH-23-6	4/6/2023	0-1	208	<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		-	
		2-3	240	<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		-	
		3-4	240	<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		-	
AH-23-7	4/6/2023	0-1	592	<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		-	
		2-3	912	<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		-	
		3-4	1120	<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		-	
AH-23-8	4/5/2023	0-1	128	<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		-	
		2-3	128	<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		-	
	4/6/2023	3-4	816	<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		-	
		4-5	832	<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		-	
		5-6	688	<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		-	

TABLE 2
SUMMARY OF ANALYTICAL RESULTS
2023 SOIL ASSESSMENT- NAB1819932821/2RP-4683
CONOCOPHILLIPS
SIDEWINDER FEDERAL COM 4H RELEASE
EDDY COUNTY, NM

19.15.29.12 NMAC Closure Criteria for Soils Impacted by a Release (≤ 50 ft)			Chlorides ¹ < 600 mg/kg	BTEX ²					TPH ³					
Sample ID	Sample Date	Sample Depth Interval	Chloride	< 10 mg/kg		Toluene	Ethylbenzene	Total Xylenes	< 50 mg/kg		GRO C ₆ - C ₁₀	DRO > C ₁₀ - C ₂₈	EXT DRO > C ₂₈ - C ₃₆	Total TPH (GRO+DRO+EXT DRO)
				Benzene					Total BTEX					
AH-9	4/5/2023	0-1	360	<0.050		<0.050	<0.050	<0.150	<0.300	<10.0	360	55.6	415.6	
AH-10	4/5/2023	0-1	64	<0.050		<0.050	<0.050	<0.150	<0.300	<10.0	805	160	965	
AH-11	4/5/2023	0-1	96	<0.050		<0.050	<0.050	<0.150	<0.300	<10.0	1140	207	1347	
AH-12	4/5/2023	0-1	96	<0.050		<0.050	<0.050	<0.150	<0.300	<10.0	716	134	850	
AH-13	4/5/2023	0-1	48	<0.050		<0.050	<0.050	<0.150	<0.300	<10.0	481	81.7	562.7	

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 SM4500C1-B
2 Method 8021B
3 Method 8015M

Bold and italicized values indicate exceedance of proposed Remediation RRLs and Reclamation Requirements.
Shaded rows indicate intervals proposed for excavation.

TABLE 3
SUMMARY OF ANALYTICAL RESULTS
CONFIRMATION SAMPLING - NAB1819932821/2RP-4683
CONOCOPHILLIPS
SIDEWINDER FEDERAL COM 4H RELEASE
EDDY COUNTY, NM

19.15.29.12 NMAC Closure Criteria for Soils Impacted by a Release (≤ 50 ft)					Chlorides ¹		BTEX ²						TPH ³																	
Sample ID					Sample Date		Sample Depth Interval		Field Screening Results		Chloride		Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO		DRO		EXT DRO		Total TPH (GRO+DRO+EXT DRO)	
											mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q
F5 - 1					8/29/2023		6.5		ppm		80.0	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<100 mg/kg	
F5 - 2					8/29/2023		6.5				80.0	<0.050	<0.050	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	-		
F5 - 3					8/29/2023		4				96.0	<0.050	<0.050	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	-		
F5 - 4					8/29/2023		1				80.0	<0.050	<0.050	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	-		
F5 - 5					8/29/2023		6.5				64.0	<0.050	<0.050	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	-		
F5 - 6					8/29/2023		6.5				32.0	<0.050	<0.050	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	-		
F5 - 7					8/29/2023		1				48.0	<0.050	<0.050	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	-		
F5 - 8					8/29/2023		6.5				64.0	<0.050	<0.050	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	-		
F5 - 9					8/29/2023		1				16.0	<0.050	<0.050	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	-		
F5 - 10					8/29/2023		1				48.0	<0.050	<0.050	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	-		
F5 - 11					8/29/2023		1				48.0	<0.050	<0.050	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	-		
F5 - 12					8/29/2023		1				64.0	<0.050	<0.050	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	-		
F5 - 13					8/29/2023		1				48.0	<0.050	<0.050	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	-		
F5 - 14					8/29/2023		1				64.0	<0.050	<0.050	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	-		
F5 - 15					8/29/2023		1				64.0	<0.050	<0.050	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	-		
NSW - 1					8/29/2023		-				32.0	<0.050	<0.050	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	-		
NSW - 2					8/29/2023		-				48.0	<0.050	<0.050	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	-		
NSW - 3					8/29/2023		-				32.0	<0.050	<0.050	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	-		
ESW - 1					8/29/2023		-				32.0	<0.050	<0.050	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	-		
ESW - 2					8/29/2023		-				48.0	<0.050	<0.050	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	-		
ESW - 3					8/29/2023		-				32.0	<0.050	<0.050	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	-		
SSW - 1					8/29/2023		-				32.0	<0.050	<0.050	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	-		
SSW - 2					8/29/2023		-				32.0	<0.050	<0.050	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	-		
SSW - 3					8/29/2023		-				48.0	<0.050	<0.050	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	-		
WSW - 1					8/29/2023		-				48.0	<0.050	<0.050	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	-		
WSW - 2					8/29/2023		-				16.0	<0.050	<0.050	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<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 SM4500CLB

2 Method 8021B

3 Method 8015M

APPENDIX A C-141 Forms

JUL 17 2018

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

State of New Mexico
Energy Minerals and Natural Resources DISTRICT II-ARTESIA O.C.D.
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised April 3, 2017

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

NAB1819932821

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: Sidewinder Federal Com #004H	Facility Type: Tank Battery
Surface Owner: Private	Mineral Owner: Federal
API No. 30-015-44192	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
E	32	26S	29E	1,970	North	950	West	Eddy

Latitude 32.0007825 Longitude -104.0122515 NAD83

NATURE OF RELEASE

Type of Release Oil & Produced Water	Volume of Release 1 bbl. – Oil 15 bbl. – Produced Water	Volume Recovered 0.75 bbl. – Oil 13 bbl. – Produced Water
Source of Release Fire tube failure	Date and Hour of Occurrence July 16, 2018 5:30am	Date and Hour of Discovery July 16, 2018 5:30am
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher – NMOCD Shelly Tucker – BLM	
By Whom? DeAnn Grant	Date and Hour July 16, 2018 11:00am – Mr. Bratcher 1:08pm – Ms. Tucker	
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.*

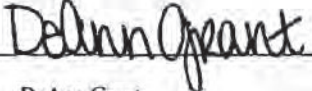
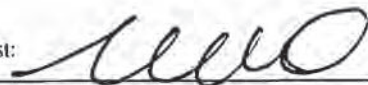
The release was due to the fire tube failing, releasing fluid from the heater and causing a fire.

Describe Area Affected and Cleanup Action Taken.*

The release was on location. 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.

OIL CONSERVATION DIVISION

Signature: 	Approved by Environmental Specialist: 	
Printed Name: DeAnn Grant	Approval Date: 7/17/18	Expiration Date: N/A
Title: HSE Administrative Assistant	Conditions of Approval: See attached	
E-mail Address: agrant@concho.com	Attached: 28P-4863	
Date: July 16, 2018	Phone: (432) 253-4513	

* Attach Additional Sheets If Necessary

Operator/Responsible Party,

The OCD has received the form C-141 you provided on July 17, 2018 regarding an unauthorized release. The information contained on that form has been entered into our incident database and remediation case number SRP-481A3 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 2 office in Arctic on or before 8/16/18.** 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

Pruett, Maria, EMNRD

From: Bratcher, Mike, EMNRD
Sent: Tuesday, July 17, 2018 11:10 AM
To: Pruett, Maria, EMNRD
Subject: FW: Revised (C-141 Initial) Sidewinder Federal Com #004H (30-015-44192) 07-16-2018
Attachments: Revised (C-141 Initial) Sidewinder Federal Com #004H (30-015-44192) 07-16-2018.pdf

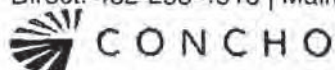
From: DeAnn Grant <agrant@concho.com>
Sent: Monday, July 16, 2018 4:03 PM
To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Tucker, Shelly <stucker@blm.gov>
Cc: Weaver, Crystal, EMNRD <Crystal.Weaver@state.nm.us>; Sheldon Hitchcock <SLHitchcock@concho.com>; Dakota Neel <DNeel2@concho.com>; Rebecca Haskell <RHaskell@concho.com>; DeAnn Grant <agrant@concho.com>
Subject: Revised (C-141 Initial) Sidewinder Federal Com #004H (30-015-44192) 07-16-2018

Mr. Bratcher/Ms. Tucker,

The attached C-141 for the Sidewinder Federal Com #004H has been revised to reflect updated release and recovery volumes.

Thank you,

DeAnn Grant
HSE Administrative Assistant
agrant@concho.com
COG Operating LLC
600 W Illinois Avenue | Midland, TX 79701
Direct: 432-253-4513 | Main: 432.683.7443



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Bratcher, Mike, EMNRD

From: DeAnn Grant <agrانت@concho.com>
Sent: Monday, July 16, 2018 12:08 PM
To: Tucker, Shelly
Cc: Bratcher, Mike, EMNRD; Sheldon Hitchcock; Dakota Neel; Rebecca Haskell; DeAnn Grant
Subject: FW: (Notification) Sidewinder Federal Com #004H (30-015-44192) 07-16-2018

Ms. Tucker,

I'm sorry, I just noticed I did not include you on the notification below.

Thank you,

DeAnn Grant

HSE Administrative Assistant

agrانت@concho.com

~~COG Operating LLC~~

600 W Illinois Avenue | Midland, TX 79701

Direct: 432-253-4513 | Main: 432.683.7443



CONCHO

From: DeAnn Grant
Sent: Monday, July 16, 2018 11:00 AM
To: 'Bratcher, Mike, EMNRD'
Cc: Weaver, Crystal, EMNRD; Sheldon Hitchcock; Dakota Neel; Rebecca Haskell; DeAnn Grant
Subject: (Notification) Sidewinder Federal Com #004H (30-015-44192) 07-16-2018

Mr. Bratcher,

COG Operating, LLC (OGRID# 229137) is reporting a fire and a produced water release at the Sidewinder Federal Com #004H (30-015-44192).

Release Location:

ULSTR: E-32-26S-29E

Lat/Long: 32.0007825, -104.0122515

Date of Release: July 16, 2018

Release Volume: approximately 15 bbl.

Recovery Volume: On going

COG will have the release evaluated and will submit an initial C-141. If you have any questions or concerns please do not hesitate to contact me.

Thank you,

DeAnn Grant

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 163989

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 163989
	Action Type: [IM-SD] Incident File Support Doc (ENV) (IM-BNF)

CONDITIONS

Created By	Condition	Condition Date
bhall	Base and side wall samples confirmation samples need to be collected and representative of no more than 200 square feet. All confirmation samples must be analyzed for the constituents in Table 1 of 19.15.29.12 NMAC.	12/6/2022
bhall	Remediation and closure must comply with 19.15.29.12 and 19.15.29.13 NMAC.	12/6/2022
bhall	2RP-4863 closed. Refer to incident #NAB1819932821 in all future communication.	12/6/2022
bhall	Please submit a complete report through the OCD Permitting website by 3/10/2023.	12/6/2022

Incident ID	NAB1819932821
District RP	2RP-4863
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?	>50 _____ (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

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

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	NAB1819932821
District RP	2RP-4863
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: Ike Tavaréz Title: Program Manager, RemediationSignature:  Date: 9/15/2023email: Ike.Tavaréz@conocophillips.com Telephone: 432-685-2573**OCD Only**

Received by: _____ Date: _____

Incident ID	NAB1819932821
District RP	2RP-4863
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: Ike Tavarez Title: Program Manager, Remediation
Signature:  Date: 9/15/2023
email: Ike.Tavarez@conocophillips.com Telephone: 432-685-2573

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☒ Deferral Approved

Signature:  Date: 9/19/2023

Incident ID	NAB1819932821
District RP	2RP-4863
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: Ike Tavarez Title: Program Manager, Remediation
Signature:  Date: 9/15/2023
email: Ike.Tavarez@conocophillips.com Telephone: 432-685-2573

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

From: OCDOnline@state.nm.us
To: [Beauvais, Charles R](#)
Subject: [EXTERNAL]The Oil Conservation Division (OCD) has approved the application, Application ID: 163989
Date: Tuesday, December 6, 2022 12:47:26 PM

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

To whom it may concern (c/o Charles Beauvais for COG OPERATING LLC),

The OCD has approved the submitted *Internal Manual Incident File Supporting Documentation (ENV)* (IM-BNF), for incident ID (n#) nAB1819932821, with the following conditions:

- **Base and side wall samples confirmation samples need to be collected and representative of no more than 200 square feet. All confirmation samples must be analyzed for the constituents in Table 1 of 19.15.29.12 NMAC.**
- **Remediation and closure must comply with 19.15.29.12 and 19.15.29.13 NMAC.**
- **2RP-4863 closed. Refer to incident #NAB1819932821 in all future communication.**
- **Please submit a complete report through the OCD Permitting website by 3/10/2023.**

The signed IM-BNF 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,
Brittany Hall
Projects Environmental Specialist - A
505-517-5333
Brittany.Hall@emnrd.nm.gov

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

Llull, Christian

From: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>
Sent: Tuesday, March 21, 2023 3:19 PM
To: Llull, Christian
Cc: Poole, Nicholas
Subject: RE: [EXTERNAL] Extension Request - Application ID 1163989 (nAB1819932821)

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

Christian,

Your extension request for **nAB1819932821** is approved. The new due date is June 10, 2023.

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

Thank you,

Brittany Hall • Environmental Specialist
Environmental Bureau Projects Group
EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87110
505.517.5333 | Brittany.Hall@emnrd.nm.gov
<http://www.emnrd.nm.gov/ocd/>

From: Llull, Christian <Christian.Llull@tetrattech.com>
Sent: Tuesday, March 21, 2023 2:11 PM
To: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>
Cc: Poole, Nicholas <NICHOLAS.POOLE@tetrattech.com>
Subject: [EXTERNAL] Extension Request - Application ID 1163989 (nAB1819932821)

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

Ms. Hall:

On behalf of ConocoPhillips, Tetra Tech is requesting a 90-day extension (until June 10, 2023) to complete additional assessment activities and associated reporting for the Sidewinder Federal Com 4H Fire Tube Release site (**nAB1819932821**).

ConocoPhillips recently received a large volume of NMOCD determinations related to unresolved releases from ConocoPhillips' predecessor-in-interest ("COG") via the *Internal Manual Incident File Supporting Documentation (ENV)* (IM-BNF) process.

This release site requires additional assessment to confirm historical impacts in the approved Work Plan. Given the difficulties inherent with available resource allocation for several projects with similar deadlines within a short period of time, this extension is required to safely complete the additional assessment. ConocoPhillips plans to conduct the additional assessment in the coming month however, and once the sampling data is collected, tabulated, and evaluated, a revised work plan/closure report will be submitted to the OCD.

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

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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8911 N. Capital of Texas Highway | Bldg. 2, Suite 2310 | Austin, TX 78759 | tetrattech.com

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TETRA TECH

Poole, Nicholas

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Wednesday, August 23, 2023 9:57 AM
To: Poole, Nicholas
Cc: Bratcher, Michael, EMNRD; Hall, Brittany, EMNRD
Subject: RE: [EXTERNAL] Incident ID: NAB1819932821 - Confirmation Sampling

You don't often get email from shelly.wells@emnrd.nm.gov. [Learn why this is important](#)

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

Good morning Nicholas,

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

Thank you,

Shelly

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

From: Poole, Nicholas <NICHOLAS.POOLE@tetrattech.com>
Sent: Wednesday, August 23, 2023 7:21 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>
Subject: [EXTERNAL] Incident ID: NAB1819932821 - Confirmation Sampling

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

Incident ID (n#) **NAB1819932821** (Sidewinder Federal Com #4H)

To whom it may concern,

In accordance with Subsection D of 19.15.29.12 NMAC, the responsible party must verbally notify the appropriate division district office prior to conducting confirmation sampling.

Remediation activities of the release will begin **Monday, August 28, 2023**.

Thus, on behalf of ConocoPhillips for the above referenced incident, Tetra Tech is duly providing this communication which serves as notification that final confirmation sampling will be conducted at this site beginning **Tuesday, August 29, 2023**.

NOTE: If you have any questions regarding this sampling schedule, please contact me.

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

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8911 N. Capital of Texas Highway | Bldg. 2, Suite 2310 | Austin, TX 78759 | tetrattech.com

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APPENDIX C

Site Characterization Data



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are 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 03605 POD1	CUB	ED		4	2	3	27	26S	29E	596990	3541983	3814	45	0	45
C 04630 POD1	CUB	ED		3	4	3	22	26S	29E	596792	3543275	4189			
C 04653 POD6	CUB	ED		4	4	4	22	26S	29E	597782	3543171	4992	74	67	7

Average Depth to Water: **33 feet**

Minimum Depth: **0 feet**

Maximum Depth: **67 feet**

Record Count: 3

UTMNAD83 Radius Search (in meters):

Easting (X): 593326.22

Northing (Y): 3540920.89

Radius: 5000

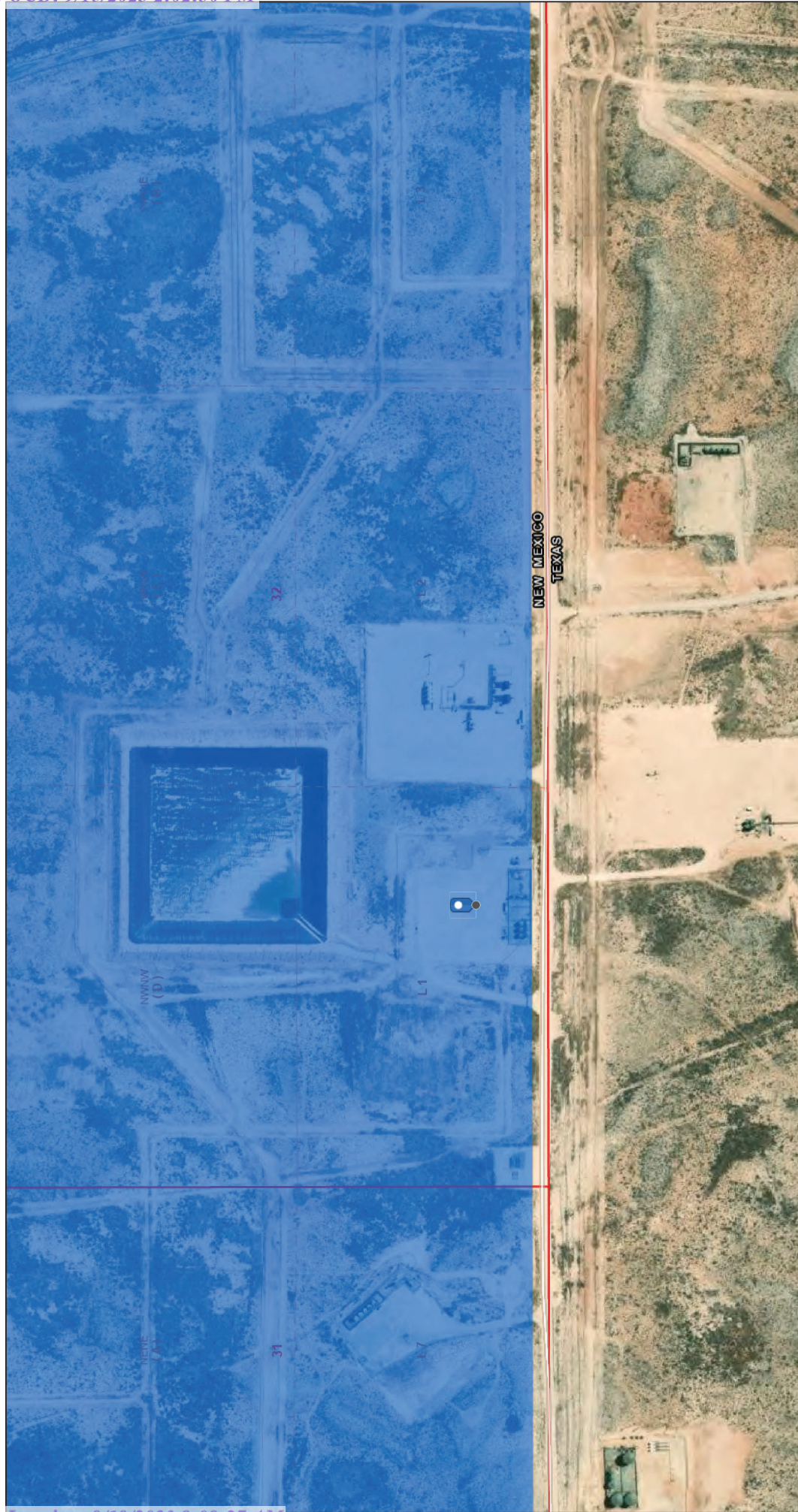
The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

10/26/22 12:47 PM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER

OCD Karst Potential Map



4/11/2023, 8:41:43 AM

Karst Occurrence Potential

Medium

PLSS Second Division

PLSS First Division

1:4,514

0 0.05 0.1 0.15 0.19 mi
0 0.07 0.15 0.3 km

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

OCD Waterbodies Map



4/11/2023, 8:54:52 AM

1:2,257
0 0.02 0.04 0.07 0.09 mi
0 0.04 0.07 0.15 km

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

OCD Mineral and Surface Ownership Map



5/10/2023, 4:00:21 PM

Mineral Ownership

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

Land Ownership

P

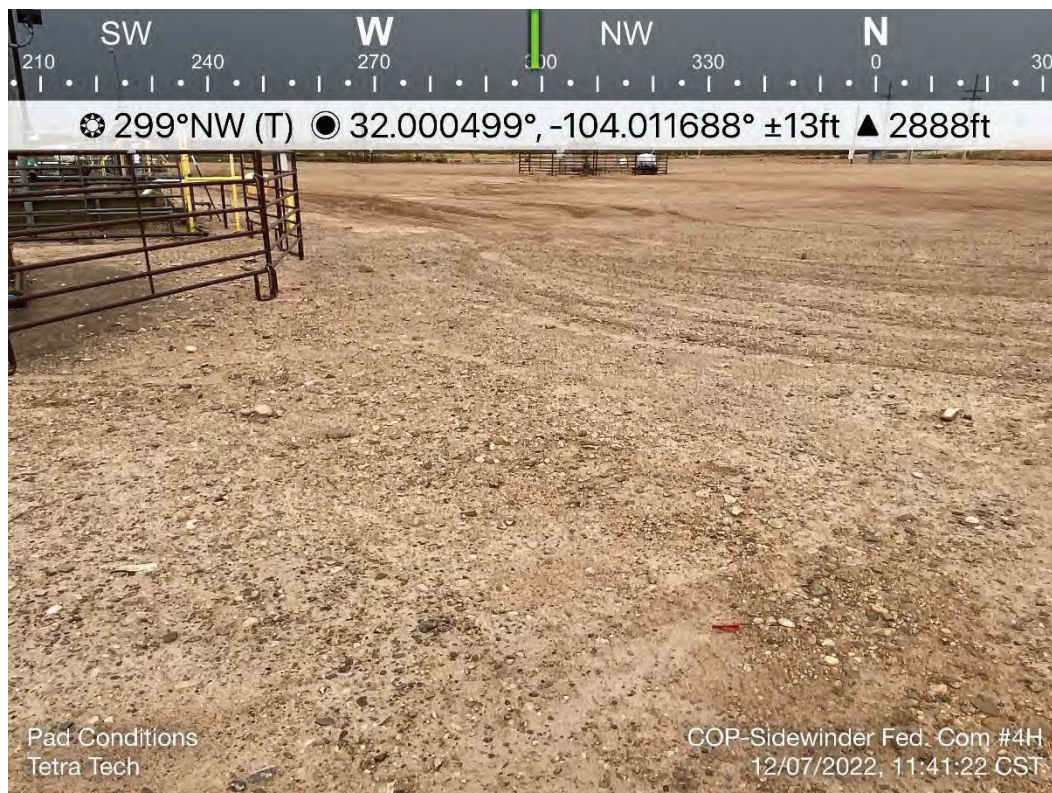
U.S. BLM, Maxar, Microsoft, Esri, HERE, Garmin, IPC

APPENDIX D

Photographic Documentation



TETRA TECH, INC. PROJECT NO. 212C-MD-02883	DESCRIPTION	Site signage. Sidewinder Fed Com #4H and location information.	1
	SITE NAME	ConocoPhillips Sidewinder Federal Com #004H	4/21/2022



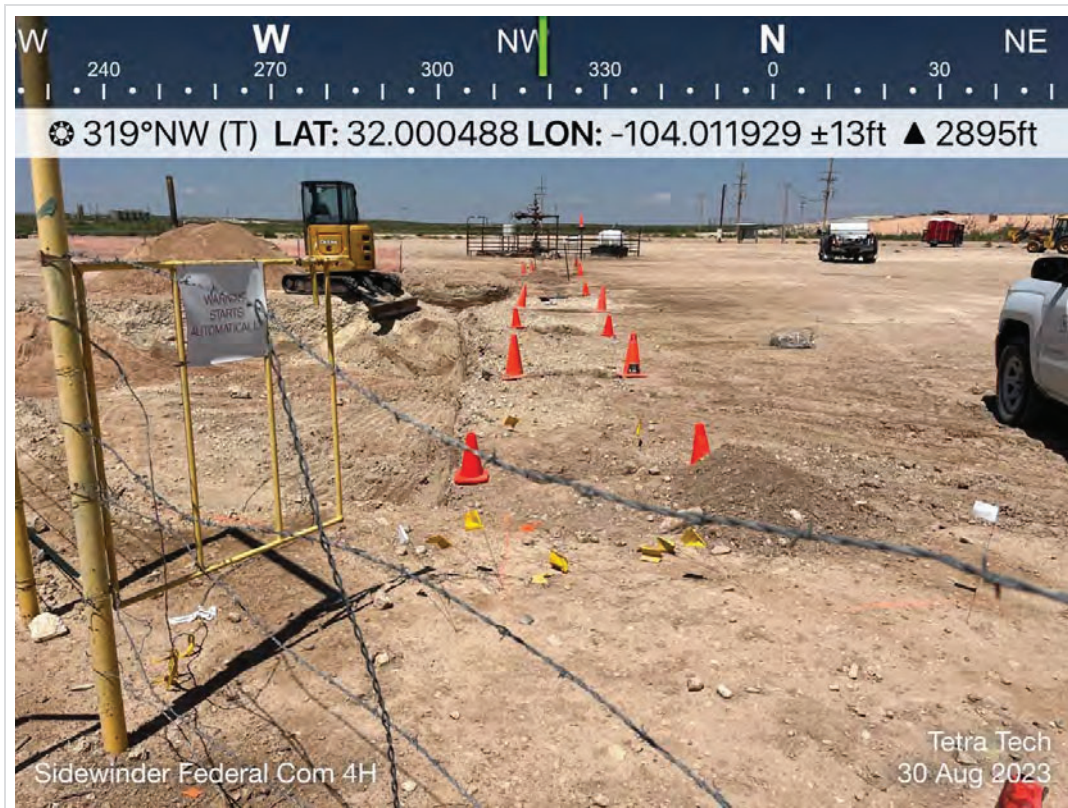
TETRA TECH, INC. PROJECT NO. 212C-MD-02883	DESCRIPTION	View Northwest. Southeast corner of well pad. No obvious signs of staining and/or residual impact	2
	SITE NAME	ConocoPhillips Sidewinder Federal Com #004H	unknown



TETRA TECH, INC. PROJECT NO. 212C-MD-02883	DESCRIPTION	View west. East central portion of well pad. No obvious signs of staining and/or residual impact.	3
	SITE NAME	ConocoPhillips Sidewinder Federal Com #004H	unknown



TETRA TECH, INC. PROJECT NO. 212C-MD-02883	DESCRIPTION	View Northwest. Southeast corner of well pad. No obvious signs of staining and/or residual impact.	4
	SITE NAME	ConocoPhillips Sidewinder Federal Com #004H	12/7/2022



TETRA TECH, INC. PROJECT NO. 212C-MD-02883	DESCRIPTION	View northwest. Subsurface utilities running from the well head to the northeast corner of the containment.	5
	SITE NAME	ConocoPhillips Sidewinder Federal Com #004H	8/30/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-02883	DESCRIPTION	Subsurface utilities running from the well head to the northeast corner of the containment.	6
	SITE NAME	ConocoPhillips Sidewinder Federal Com #004H	8/30/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-02883	DESCRIPTION	View southwest. Excavated area, 1 to 4-foot bgs.	7
	SITE NAME	ConocoPhillips Sidewinder Federal Com #004H	8/29/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-02883	DESCRIPTION	View northwest. Excavated area, 1-foot bgs	8
	SITE NAME	ConocoPhillips Sidewinder Federal Com #004H	9/1/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-02883	DESCRIPTION	View west. Excavated area, 1 to 4-foot bgs.	9
	SITE NAME	ConocoPhillips Sidewinder Federal Com #004H	9/1/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-02883	DESCRIPTION	View northwest. Excavated area, 4 to 6.5-foot bgs.	10
	SITE NAME	ConocoPhillips Sidewinder Federal Com #004H	9/1/2023



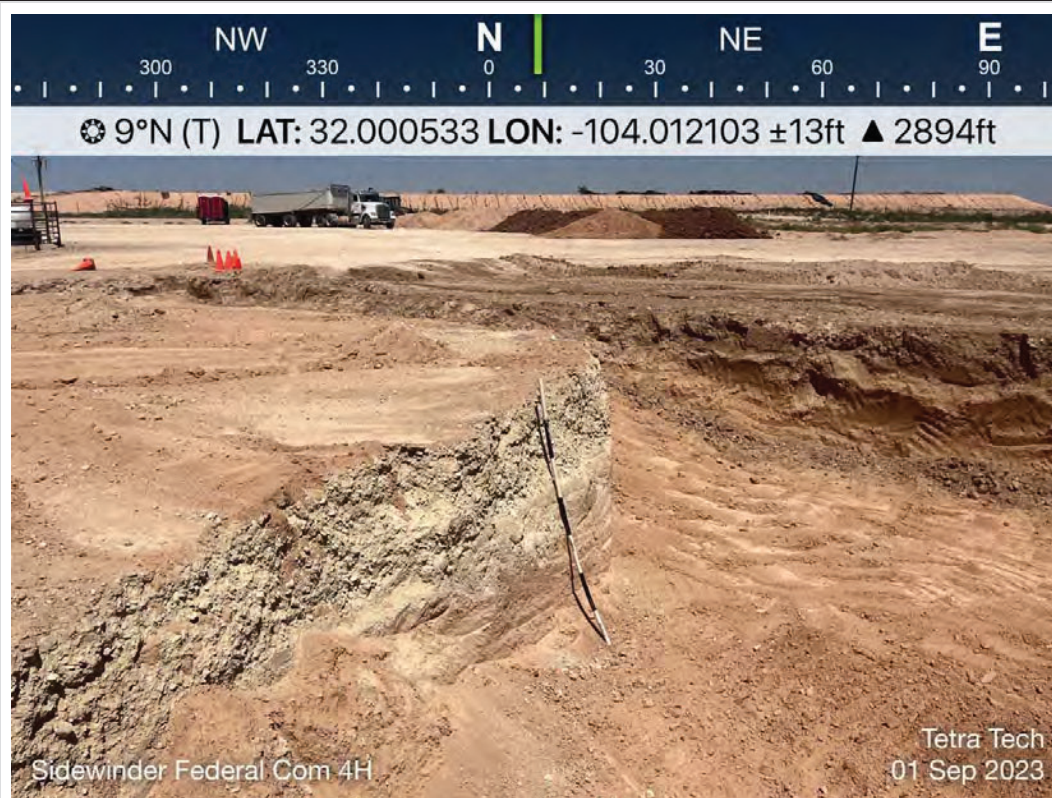
TETRA TECH, INC. PROJECT NO. 212C-MD-02883	DESCRIPTION	View south southwest. Excavated area, 1-foot bgs.	11
	SITE NAME	ConocoPhillips Sidewinder Federal Com #004H	9/1/2023



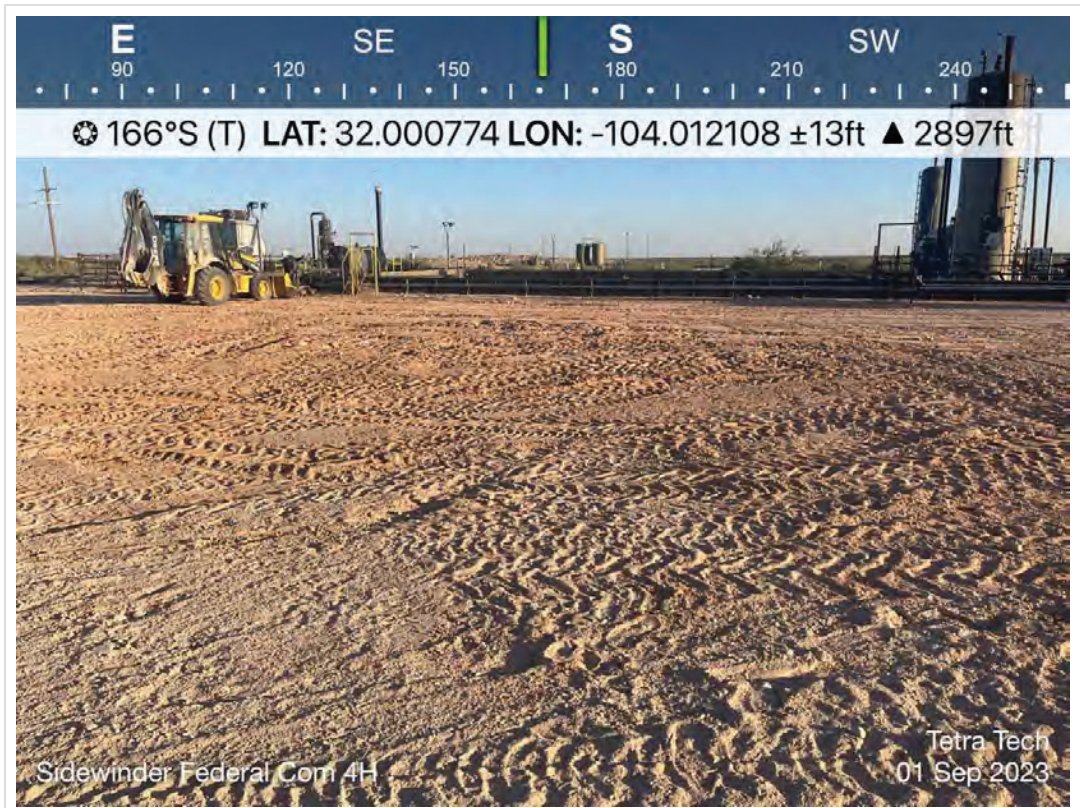
TETRA TECH, INC. PROJECT NO. 212C-MD-02883	DESCRIPTION	View southeast. Excavated area, 4-foot bgs.	12
	SITE NAME	ConocoPhillips Sidewinder Federal Com #004H	9/1/2023



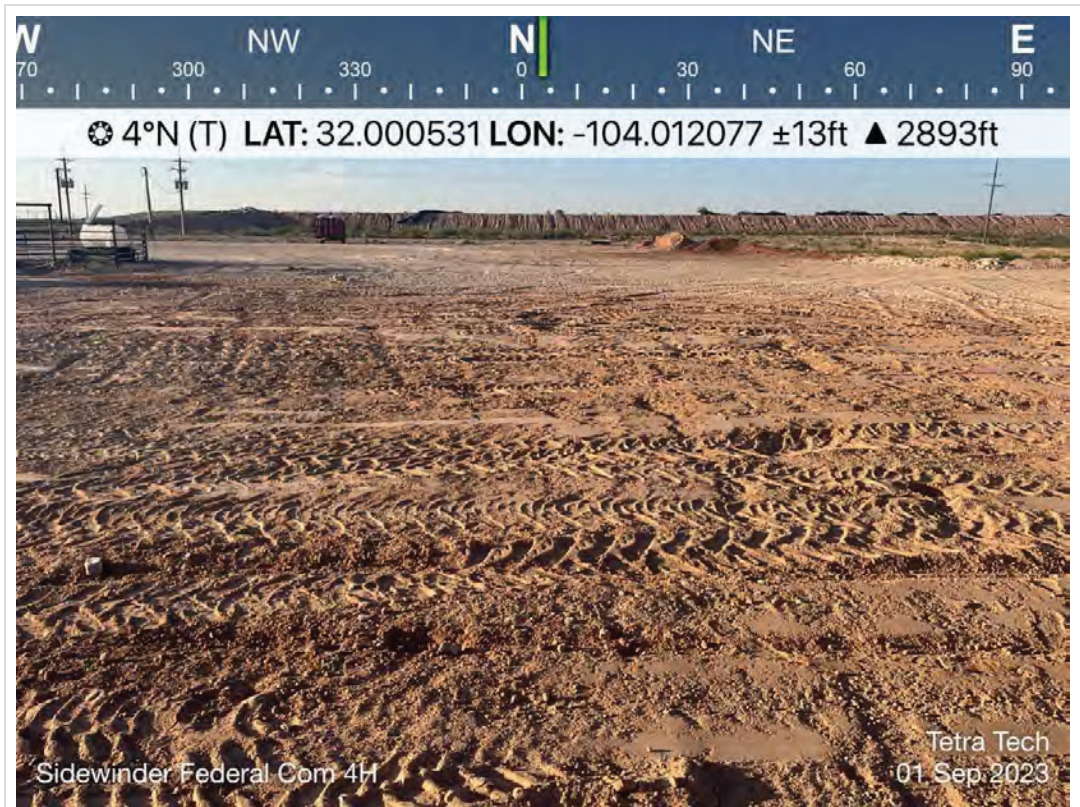
TETRA TECH, INC. PROJECT NO. 212C-MD-02883	DESCRIPTION	View northwest. Excavated area, 4 to 6.5-foot bgs.	13
	SITE NAME	ConocoPhillips Sidewinder Federal Com #004H	9/1/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-02883	DESCRIPTION	View north. Excavated area, 6.5-feet bgs.	14
	SITE NAME	ConocoPhillips Sidewinder Federal Com #004H	9/1/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-02883	DESCRIPTION	View south. Remediated and backfilled area.	15
	SITE NAME	ConocoPhillips Sidewinder Federal Com #004H	9/1/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-02883	DESCRIPTION	View north. Remediated and backfilled area.	16
	SITE NAME	ConocoPhillips Sidewinder Federal Com #004H	9/1/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-02883	DESCRIPTION	View north. Liner integrity intact, no visible tears.	17
	SITE NAME	ConocoPhillips Sidewinder Federal Com #004H	8/31/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-02883	DESCRIPTION	View northwest. Liner integrity intact, no visible tears.	18
	SITE NAME	ConocoPhillips Sidewinder Federal Com #004H	8/31/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-02883	DESCRIPTION	View south. Liner integrity intact, no visible tears.	19
	SITE NAME	ConocoPhillips Sidewinder Federal Com #004H	9/1/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-02883	DESCRIPTION	View south. Liner integrity intact, no visible tears.	20
	SITE NAME	ConocoPhillips Sidewinder Federal Com #004H	9/1/2023

APPENDIX E

Laboratory Analytical Data



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

August 31, 2023

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: SIDEWINDER FEDERAL COM 4H RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 08/30/23 9:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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:	08/30/2023	Sampling Date:	08/29/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: FS - 1 (H234711-01)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2023	ND	2.01	101	2.00	3.18		
Toluene*	<0.050	0.050	08/30/2023	ND	1.97	98.3	2.00	3.36		
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.05	102	2.00	2.85		
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.17	103	6.00	2.45		
Total BTEX	<0.300	0.300	08/30/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/30/2023	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	213	106	200	2.01	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	212	106	200	2.07	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 78.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.6 % 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:	08/30/2023	Sampling Date:	08/29/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: FS - 2 (H234711-02)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2023	ND	2.01	101	2.00	3.18		
Toluene*	<0.050	0.050	08/30/2023	ND	1.97	98.3	2.00	3.36		
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.05	102	2.00	2.85		
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.17	103	6.00	2.45		
Total BTX	<0.300	0.300	08/30/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/30/2023	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	213	106	200	2.01	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	212	106	200	2.07	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 85.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.0 % 49.1-148

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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:	08/30/2023	Sampling Date:	08/29/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: FS - 3 (H234711-03)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2023	ND	2.01	101	2.00	3.18		
Toluene*	<0.050	0.050	08/30/2023	ND	1.97	98.3	2.00	3.36		
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.05	102	2.00	2.85		
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.17	103	6.00	2.45		
Total BTX	<0.300	0.300	08/30/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/30/2023	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	213	106	200	2.01	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	212	106	200	2.07	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 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:	08/30/2023	Sampling Date:	08/29/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: FS - 4 (H234711-04)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	2.01	101	2.00	3.18	
Toluene*	<0.050	0.050	08/30/2023	ND	1.97	98.3	2.00	3.36	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.05	102	2.00	2.85	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.17	103	6.00	2.45	
Total BTEX	<0.300	0.300	08/30/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/30/2023	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	213	106	200	2.01	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	212	106	200	2.07	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 96.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 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:	08/30/2023	Sampling Date:	08/29/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: FS - 5 (H234711-05)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	2.01	101	2.00	3.18	
Toluene*	<0.050	0.050	08/30/2023	ND	1.97	98.3	2.00	3.36	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.05	102	2.00	2.85	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.17	103	6.00	2.45	
Total BTEX	<0.300	0.300	08/30/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/30/2023	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	213	106	200	2.01	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	212	106	200	2.07	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 89.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.3 % 49.1-148

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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:	08/30/2023	Sampling Date:	08/29/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: FS - 6 (H234711-06)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2023	ND	2.01	101	2.00	3.18		
Toluene*	<0.050	0.050	08/30/2023	ND	1.97	98.3	2.00	3.36		
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.05	102	2.00	2.85		
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.17	103	6.00	2.45		
Total BTEx	<0.300	0.300	08/30/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/30/2023	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	213	106	200	2.01	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	212	106	200	2.07	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 96.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 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:	08/30/2023	Sampling Date:	08/29/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: FS - 7 (H234711-07)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2023	ND	2.01	101	2.00	3.18		
Toluene*	<0.050	0.050	08/30/2023	ND	1.97	98.3	2.00	3.36		
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.05	102	2.00	2.85		
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.17	103	6.00	2.45		
Total BTEx	<0.300	0.300	08/30/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/30/2023	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	213	106	200	2.01	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	212	106	200	2.07	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 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:	08/30/2023	Sampling Date:	08/29/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: FS - 8 (H234711-08)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2023	ND	2.01	101	2.00	3.18		
Toluene*	<0.050	0.050	08/30/2023	ND	1.97	98.3	2.00	3.36		
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.05	102	2.00	2.85		
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.17	103	6.00	2.45		
Total BTEX	<0.300	0.300	08/30/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/30/2023	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	213	106	200	2.01	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	212	106	200	2.07	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 98.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 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:	08/30/2023	Sampling Date:	08/29/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: FS - 9 (H234711-09)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2023	ND	2.01	101	2.00	3.18		
Toluene*	<0.050	0.050	08/30/2023	ND	1.97	98.3	2.00	3.36		
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.05	102	2.00	2.85		
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.17	103	6.00	2.45		
Total BTEX	<0.300	0.300	08/30/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/30/2023	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	213	106	200	2.01	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	212	106	200	2.07	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 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:	08/30/2023	Sampling Date:	08/29/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: FS - 10 (H234711-10)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2023	ND	1.93	96.4	2.00	1.40		
Toluene*	<0.050	0.050	08/30/2023	ND	1.94	97.2	2.00	2.21		
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.03	102	2.00	1.48		
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.12	102	6.00	2.66		
Total BTEx	<0.300	0.300	08/30/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/30/2023	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	213	106	200	2.01	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	212	106	200	2.07	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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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:	08/30/2023	Sampling Date:	08/29/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: FS - 11 (H234711-11)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2023	ND	1.93	96.4	2.00	1.40		
Toluene*	<0.050	0.050	08/30/2023	ND	1.94	97.2	2.00	2.21		
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.03	102	2.00	1.48		
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.12	102	6.00	2.66		
Total BTEx	<0.300	0.300	08/30/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/30/2023	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	213	106	200	2.01	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	212	106	200	2.07	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 93.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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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:	08/30/2023	Sampling Date:	08/29/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: FS - 12 (H234711-12)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2023	ND	1.93	96.4	2.00	1.40		
Toluene*	<0.050	0.050	08/30/2023	ND	1.94	97.2	2.00	2.21		
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.03	102	2.00	1.48		
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.12	102	6.00	2.66		
Total BTEx	<0.300	0.300	08/30/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/30/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	195	97.5	200	0.855	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	220	110	200	0.438	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 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:	08/30/2023	Sampling Date:	08/29/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: FS - 13 (H234711-13)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2023	ND	1.93	96.4	2.00	1.40		
Toluene*	<0.050	0.050	08/30/2023	ND	1.94	97.2	2.00	2.21		
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.03	102	2.00	1.48		
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.12	102	6.00	2.66		
Total BTEX	<0.300	0.300	08/30/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/30/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	195	97.5	200	0.855	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	220	110	200	0.438	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 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:	08/30/2023	Sampling Date:	08/29/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: FS - 14 (H234711-14)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2023	ND	1.93	96.4	2.00	1.40		
Toluene*	<0.050	0.050	08/30/2023	ND	1.94	97.2	2.00	2.21		
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.03	102	2.00	1.48		
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.12	102	6.00	2.66		
Total BTEx	<0.300	0.300	08/30/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/30/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	195	97.5	200	0.855	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	220	110	200	0.438	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 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:	08/30/2023	Sampling Date:	08/29/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: FS - 15 (H234711-15)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2023	ND	1.93	96.4	2.00	1.40		
Toluene*	<0.050	0.050	08/30/2023	ND	1.94	97.2	2.00	2.21		
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.03	102	2.00	1.48		
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.12	102	6.00	2.66		
Total BTEx	<0.300	0.300	08/30/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/30/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	195	97.5	200	0.855	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	220	110	200	0.438	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 108 % 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:	08/30/2023	Sampling Date:	08/29/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: NSW - 1 (H234711-16)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2023	ND	1.93	96.4	2.00	1.40		
Toluene*	<0.050	0.050	08/30/2023	ND	1.94	97.2	2.00	2.21		
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.03	102	2.00	1.48		
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.12	102	6.00	2.66		
Total BTEX	<0.300	0.300	08/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	08/30/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	195	97.5	200	0.855	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	220	110	200	0.438	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 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:	08/30/2023	Sampling Date:	08/29/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: NSW - 2 (H234711-17)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2023	ND	1.93	96.4	2.00	1.40		
Toluene*	<0.050	0.050	08/30/2023	ND	1.94	97.2	2.00	2.21		
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.03	102	2.00	1.48		
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.12	102	6.00	2.66		
Total BTEX	<0.300	0.300	08/30/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/30/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	195	97.5	200	0.855	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	220	110	200	0.438	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 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:	08/30/2023	Sampling Date:	08/29/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: NSW - 3 (H234711-18)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2023	ND	1.93	96.4	2.00	1.40		
Toluene*	<0.050	0.050	08/30/2023	ND	1.94	97.2	2.00	2.21		
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.03	102	2.00	1.48		
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.12	102	6.00	2.66		
Total BTEX	<0.300	0.300	08/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 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	08/30/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	195	97.5	200	0.855	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	220	110	200	0.438	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 49.1-148

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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:	08/30/2023	Sampling Date:	08/29/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: ESW - 1 (H234711-19)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2023	ND	1.93	96.4	2.00	1.40		
Toluene*	<0.050	0.050	08/30/2023	ND	1.94	97.2	2.00	2.21		
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.03	102	2.00	1.48		
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.12	102	6.00	2.66		
Total BTEx	<0.300	0.300	08/30/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/30/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	195	97.5	200	0.855	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	220	110	200	0.438	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 139 % 49.1-148

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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:	08/30/2023	Sampling Date:	08/29/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: ESW - 2 (H234711-20)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2023	ND	1.93	96.4	2.00	1.40		
Toluene*	<0.050	0.050	08/30/2023	ND	1.94	97.2	2.00	2.21		
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.03	102	2.00	1.48		
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.12	102	6.00	2.66		
Total BTEx	<0.300	0.300	08/30/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/30/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	195	97.5	200	0.855	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	220	110	200	0.438	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 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:	08/30/2023	Sampling Date:	08/29/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: ESW - 3 (H234711-21)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2023	ND	1.93	96.4	2.00	1.40		
Toluene*	<0.050	0.050	08/30/2023	ND	1.94	97.2	2.00	2.21		
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.03	102	2.00	1.48		
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.12	102	6.00	2.66		
Total BTEX	<0.300	0.300	08/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 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	08/30/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	195	97.5	200	0.855	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	220	110	200	0.438	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 144 % 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:	08/30/2023	Sampling Date:	08/29/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: SSW - 1 (H234711-22)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2023	ND	1.93	96.4	2.00	1.40		
Toluene*	<0.050	0.050	08/30/2023	ND	1.94	97.2	2.00	2.21		
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.03	102	2.00	1.48		
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.12	102	6.00	2.66		
Total BTEX	<0.300	0.300	08/30/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/30/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	195	97.5	200	0.855	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	220	110	200	0.438	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 139 % 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:	08/30/2023	Sampling Date:	08/29/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: SSW - 2 (H234711-23)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2023	ND	1.93	96.4	2.00	1.40		
Toluene*	<0.050	0.050	08/30/2023	ND	1.94	97.2	2.00	2.21		
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.03	102	2.00	1.48		
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.12	102	6.00	2.66		
Total BTEX	<0.300	0.300	08/30/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/30/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	172	86.1	200	2.96	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	175	87.3	200	0.383	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 93.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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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:	08/30/2023	Sampling Date:	08/29/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: SSW - 3 (H234711-24)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2023	ND	1.93	96.4	2.00	1.40		
Toluene*	<0.050	0.050	08/30/2023	ND	1.94	97.2	2.00	2.21		
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.03	102	2.00	1.48		
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.12	102	6.00	2.66		
Total BTEx	<0.300	0.300	08/30/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/30/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	172	86.1	200	2.96	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	175	87.3	200	0.383	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 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:	08/30/2023	Sampling Date:	08/29/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: WSW - 1 (H234711-25)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2023	ND	1.93	96.4	2.00	1.40		
Toluene*	<0.050	0.050	08/30/2023	ND	1.94	97.2	2.00	2.21		
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.03	102	2.00	1.48		
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.12	102	6.00	2.66		
Total BTEX	<0.300	0.300	08/30/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/30/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	172	86.1	200	2.96	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	175	87.3	200	0.383	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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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:	08/30/2023	Sampling Date:	08/29/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: WSW - 2 (H234711-26)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2023	ND	1.93	96.4	2.00	1.40		
Toluene*	<0.050	0.050	08/30/2023	ND	1.94	97.2	2.00	2.21		
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.03	102	2.00	1.48		
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.12	102	6.00	2.66		
Total BTX	<0.300	0.300	08/30/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/30/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	172	86.1	200	2.96	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	175	87.3	200	0.383	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 98.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 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

Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 3

Company Name: <u>Conaco Phillips</u> Project Manager: <u>Christen Luvell</u> Address: City: State: Zip: Phone #: Fax #: Project #: <u>212C-MO-02883</u> Project Owner: Project Name: <u>Sidewinder Federal con 4H</u> Project Location: <u>Eddy Co, NM</u> Sampler Name: <u>Andrew Garcia</u> Phone #: Fax #:				BILL TO P.O. #: Company: <u>Tetra Tech</u> Attn: <u>Christen Luvell</u> Address: City: State: Zip: Phone #: Fax #:				ANALYSIS REQUEST			
FOR LAB USE ONLY Lab I.D. Sample I.D. <u>H234711</u>				FOR LAB USE ONLY Sample I.D.							
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				REMARKS: <u>Nicholas Poole @ TetraTech.com</u>							
Relinquished By: <u>Andrew Garcia</u> Date: <u>08/30/23</u> Time: <u>9:40 AM</u> Date: Received By: <u>Christen Luvell</u> Time: Received By:				Observed Temp. °C <u>-1.8</u> Corrected Temp. °C Sample Condition <input type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No CHECKED BY: <u>VP.</u>				Turnaround Time: <u>Standard</u> Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/> Thermometer ID: <u>#142</u> Thermometer ID: <u>24 HR</u> Correction Factor: <u>-0.05</u> Correction Factor: <u>0.00</u> Turnaround Time: <u>24 HR</u> Turnaround Time: <u>24 HR</u> Thermometer ID: <u>#142</u> Thermometer ID: <u>24 HR</u> Correction Factor: <u>-0.05</u> Correction Factor: <u>0.00</u> Turnaround Time: <u>24 HR</u> Turnaround Time: <u>24 HR</u> Thermometer ID: <u>#142</u> Thermometer ID: <u>24 HR</u> Correction Factor: <u>-0.05</u> Correction Factor: <u>0.00</u> Turnaround Time: <u>24 HR</u> Turnaround Time: <u>24 HR</u> Thermometer ID: <u>#142</u> Thermometer ID: <u>24 HR</u> Correction Factor: <u>-0.05</u> Correction Factor: <u>0.00</u> Turnaround Time: <u>24 HR</u> Turnaround Time: <u>24 HR</u> Thermometer ID: <u>#142</u> Thermometer ID: <u>24 HR</u> Correction Factor: <u>-0.05</u> Correction Factor: <u>0.00</u> Turnaround Time: <u>24 HR</u> Turnaround Time: <u>24 HR</u> Thermometer ID: <u>#142</u> Thermometer ID: <u>24 HR</u> Correction Factor: <u>-0.05</u> Correction Factor: <u>0.00</u> Turnaround Time: <u>24 HR</u> Turnaround Time: <u>24 HR</u> Thermometer ID: <u>#142</u> Thermometer ID: <u>24 HR</u> Correction Factor: <u>-0.05</u> Correction Factor: <u>0.00</u> Turnaround Time: <u>24 HR</u> Turnaround Time: <u>24 HR</u> Thermometer ID: <u>#142</u> Thermometer ID: <u>24 HR</u> Correction Factor: <u>-0.05</u> Correction Factor: <u>0.00</u> Turnaround Time: <u>24 HR</u> Turnaround Time: <u>24 HR</u> Thermometer ID: <u>#142</u> Thermometer ID: <u>24 HR</u> Correction Factor: <u>-0.05</u> Correction Factor: <u>0.00</u> Turnaround Time: <u>24 HR</u> Turnaround Time: <u>24 HR</u> Thermometer ID: <u>#142</u> Thermometer ID: <u>24 HR</u> Correction Factor: <u>-0.05</u> Correction Factor: <u>0.00</u> Turnaround Time: <u>24 HR</u> Turnaround Time: <u>24 HR</u> Thermometer ID: <u>#142</u> Thermometer ID: <u>24 HR</u> Correction Factor: <u>-0.05</u> Correction Factor: <u>0.00</u> Turnaround Time: <u>24 HR</u> Turnaround Time: <u>24 HR</u> Thermometer ID: <u>#142</u> Thermometer ID: <u>24 HR</u> Correction Factor: <u>-0.05</u> Correction Factor: <u>0.00</u> Turnaround Time: <u>24 HR</u> Turnaround Time: <u>24 HR</u> Thermometer ID: <u>#142</u> Thermometer ID: <u>24 HR</u> Correction Factor: <u>-0.05</u> Correction Factor: <u>0.00</u> Turnaround Time: <u>24 HR</u> Turnaround Time: <u>24 HR</u> Thermometer ID: <u>#142</u> Thermometer ID: <u>24 HR</u> Correction Factor: <u>-0.05</u> Correction Factor: <u>0.00</u> Turnaround Time: <u>24 HR</u> Turnaround Time: <u>24 HR</u> Thermometer ID: <u>#142</u> Thermometer ID: <u>24 HR</u> Correction Factor: <u>-0.05</u> Correction Factor: <u>0.00</u> Turnaround Time: <u>24 HR</u> Turnaround Time: <u>24 HR</u> Thermometer ID: <u>#142</u> Thermometer ID: <u>24 HR</u> Correction Factor: <u>-0.05</u> Correction Factor: <u>0.00</u> Turnaround Time: <u>24 HR</u> Turnaround Time: <u>24 HR</u> Thermometer ID: <u>#142</u> Thermometer ID: <u>24 HR</u> Correction Factor: <u>-0.05</u> Correction Factor: <u>0.00</u> Turnaround Time: <u>24 HR</u> Turnaround Time: <u>24 HR</u> Thermometer ID: <u>#142</u> Thermometer ID: <u>24 HR</u> Correction Factor: <u>-0.05</u> Correction Factor: <u>0.00</u> Turnaround Time: <u>24 HR</u> Turnaround Time: <u>24 HR</u> Thermometer ID: <u>#142</u> Thermometer ID: <u>24 HR</u> Correction Factor: <u>-0.05</u> Correction Factor: <u>0.00</u> Turnaround Time: <u>24 HR</u> Turnaround Time: <u>24 HR</u> Thermometer ID: <u>#142</u> Thermometer ID: <u>24 HR</u> Correction Factor: <u>-0.05</u> Correction Factor: <u>0.00</u> Turnaround Time: <u>24 HR</u> Turnaround Time: <u>24 HR</u> Thermometer ID: <u>#142</u> Thermometer ID: <u>24 HR</u> Correction Factor: <u>-0.05</u> Correction Factor: <u>0.00</u> Turnaround Time: <u>24 HR</u> Turnaround Time: <u>24 HR</u> Thermometer ID: <u>#142</u> Thermometer ID: <u>24 HR</u> Correction Factor: <u>-0.05</u> Correction Factor: <u>0.00</u> Turnaround Time: <u>24 HR</u> Turnaround Time: <u>24 HR</u> Thermometer ID: <u>#142</u> Thermometer ID: <u>24 HR</u> Correction Factor: <u>-0.05</u> Correction Factor: <u>0.00</u> Turnaround Time: <u>24 HR</u> Turnaround Time: <u>24 HR</u> Thermometer ID: <u>#142</u> Thermometer ID: <u>24 HR</u> Correction Factor: <u>-0.05</u> Correction Factor: <u>0.00</u> Turnaround Time: <u>24 HR</u> Turnaround Time: <u>24 HR</u> Thermometer ID: <u>#142</u> Thermometer ID:			



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(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 2 of 3

Company Name: Conoco Phillips		P.O. #:	
Project Manager: Christen Luvell		Company: Tetra Tech	
Address:		Attn: Christen Luvell	
City:	State:	Zip:	Address:
Phone #:	Fax #:	City:	Address:
Project #: 212C-MD-02883		Project Owner:	City:
Project Name: Sidwinder Federal con 4H		State:	Zip:
Project Location: Eddy Co, NM		Phone #:	
Sampler Name: Andrew Garcia		Fax #:	

FOR LAB USE ONLY		MATRIX		PRESERV		SAMPLING											
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	BTEx	TPH	Chloride 4500
H234711	FS-11	G	1			X							09/29	1030	X	X	X
	FS-12													1045			
	FS-13													1100			
	FS-14													1115			
	FS-15													1130			
	NSW-1													1145			
	NSW-2													1200			
	NSW-3													1205			
	ESW-1													1215			
	ESW-2													1230			

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Relinquished By:	Date: 09/30/23	Received By:	Date: 09/30/23
Andrew Garcia	Time: 9:40 AM	James Clark	Time: 9:40 AM
Relinquished By:	Date:	Received By:	Date:
	Time:		Time:

Delivered By: (Circle One)	Observed Temp. °C	Corrected Temp. °C	Sample Condition	CHECKED BY: (Initials)	Turnaround Time:	Standard	Bacteria (only)	Sample Condition
Sampler - UPS - Bus - Other:	-18		<input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact	AC	4H	<input checked="" type="checkbox"/> Rush	<input type="checkbox"/> Cool <input type="checkbox"/> Intact	<input type="checkbox"/> Observed Temp. °C
			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Corrected Temp. °C

Thermometer ID: **#140** Rush **24 HR** Correction Factor: **+0.0°C** **9/20/23**

REMARKS: **Nicholas Poole e Tetra Tech.com**

Verbal Result: ☐ Yes ☐ No Add'l Phone #:

All Results are emailed. Please provide Email address: **christian.luvell@tetra-tech.com**

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



Page 3 of 3

Page 31 of 31



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

April 13, 2023

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: SIDEWINDER FEDERAL COM 4H RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 04/06/23 14:28.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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:	04/06/2023	Sampling Date:	04/05/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: AH - 23 - 1 (0-1') (H231646-01)

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	04/11/2023	ND	2.05	102	2.00	10.4		
Toluene*	<0.050	0.050	04/11/2023	ND	2.19	109	2.00	9.88		
Ethylbenzene*	<0.050	0.050	04/11/2023	ND	2.17	108	2.00	8.82		
Total Xylenes*	<0.150	0.150	04/11/2023	ND	6.80	113	6.00	8.44		
Total BTEX	<0.300	0.300	04/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	16.0	16.0	04/11/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2023	ND	163	81.6	200	1.62	
DRO >C10-C28*	<10.0	10.0	04/11/2023	ND	180	90.1	200	6.38	
EXT DRO >C28-C36	<10.0	10.0	04/11/2023	ND					

Surrogate: 1-Chlorooctane 87.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 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:	04/06/2023	Sampling Date:	04/05/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: AH - 23 - 1 (1'-2') (H231646-02)

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	04/11/2023	ND	2.05	102	2.00	10.4		
Toluene*	<0.050	0.050	04/11/2023	ND	2.19	109	2.00	9.88		
Ethylbenzene*	<0.050	0.050	04/11/2023	ND	2.17	108	2.00	8.82		
Total Xylenes*	<0.150	0.150	04/11/2023	ND	6.80	113	6.00	8.44		
Total BTEX	<0.300	0.300	04/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	16.0	16.0	04/11/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2023	ND	163	81.6	200	1.62	
DRO >C10-C28*	<10.0	10.0	04/11/2023	ND	180	90.1	200	6.38	
EXT DRO >C28-C36	<10.0	10.0	04/11/2023	ND					

Surrogate: 1-Chlorooctane 86.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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 Fax To: (432) 682-3946

Received:	04/06/2023	Sampling Date:	04/05/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: AH - 23 - 2 (0-1') (H231646-03)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2023	ND	2.05	102	2.00	10.4		
Toluene*	<0.050	0.050	04/11/2023	ND	2.19	109	2.00	9.88		
Ethylbenzene*	<0.050	0.050	04/11/2023	ND	2.17	108	2.00	8.82		
Total Xylenes*	<0.150	0.150	04/11/2023	ND	6.80	113	6.00	8.44		
Total BTX	<0.300	0.300	04/11/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	04/11/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2023	ND	163	81.6	200	1.62	
DRO >C10-C28*	<10.0	10.0	04/11/2023	ND	180	90.1	200	6.38	
EXT DRO >C28-C36	<10.0	10.0	04/11/2023	ND					

Surrogate: 1-Chlorooctane 74.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	04/06/2023	Sampling Date:	04/05/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: AH - 23 - 2 (1'-2') (H231646-04)

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	04/11/2023	ND	2.05	102	2.00	10.4		
Toluene*	<0.050	0.050	04/11/2023	ND	2.19	109	2.00	9.88		
Ethylbenzene*	<0.050	0.050	04/11/2023	ND	2.17	108	2.00	8.82		
Total Xylenes*	<0.150	0.150	04/11/2023	ND	6.80	113	6.00	8.44		
Total BTEX	<0.300	0.300	04/11/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	04/11/2023	ND	400	100	400	7.69		

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	04/11/2023	ND	163	81.6	200	1.62	
DRO >C10-C28*	<10.0	10.0	04/11/2023	ND	180	90.1	200	6.38	
EXT DRO >C28-C36	<10.0	10.0	04/11/2023	ND					

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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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:	04/06/2023	Sampling Date:	04/05/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: AH - 23 - 3 (0-1') (H231646-05)

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	04/11/2023	ND	2.05	102	2.00	10.4		
Toluene*	<0.050	0.050	04/11/2023	ND	2.19	109	2.00	9.88		
Ethylbenzene*	<0.050	0.050	04/11/2023	ND	2.17	108	2.00	8.82		
Total Xylenes*	<0.150	0.150	04/11/2023	ND	6.80	113	6.00	8.44		
Total BTEX	<0.300	0.300	04/11/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/11/2023	ND	400	100	400	7.69		

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	04/11/2023	ND	163	81.6	200	1.62	
DRO >C10-C28*	<10.0	10.0	04/11/2023	ND	180	90.1	200	6.38	
EXT DRO >C28-C36	<10.0	10.0	04/11/2023	ND					

Surrogate: 1-Chlorooctane 79.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.6 % 49.1-148

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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:	04/06/2023	Sampling Date:	04/05/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: AH - 23 - 3 (1'-2') (H231646-06)

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	04/11/2023	ND	2.05	102	2.00	10.4		
Toluene*	<0.050	0.050	04/11/2023	ND	2.19	109	2.00	9.88		
Ethylbenzene*	<0.050	0.050	04/11/2023	ND	2.17	108	2.00	8.82		
Total Xylenes*	<0.150	0.150	04/11/2023	ND	6.80	113	6.00	8.44		
Total BTEX	<0.300	0.300	04/11/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/11/2023	ND	400	100	400	7.69		

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	04/11/2023	ND	163	81.6	200	1.62	
DRO >C10-C28*	<10.0	10.0	04/11/2023	ND	180	90.1	200	6.38	
EXT DRO >C28-C36	<10.0	10.0	04/11/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

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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:	04/06/2023	Sampling Date:	04/05/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: AH - 23 - 8 (0-1') (H231646-07)

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	04/11/2023	ND	2.05	102	2.00	10.4		
Toluene*	<0.050	0.050	04/11/2023	ND	2.19	109	2.00	9.88		
Ethylbenzene*	<0.050	0.050	04/11/2023	ND	2.17	108	2.00	8.82		
Total Xylenes*	<0.150	0.150	04/11/2023	ND	6.80	113	6.00	8.44		
Total BTEx	<0.300	0.300	04/11/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	04/11/2023	ND	400	100	400	7.69		

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	04/11/2023	ND	163	81.6	200	1.62	
DRO >C10-C28*	<10.0	10.0	04/11/2023	ND	180	90.1	200	6.38	
EXT DRO >C28-C36	<10.0	10.0	04/11/2023	ND					

Surrogate: 1-Chlorooctane 95.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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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:	04/06/2023	Sampling Date:	04/06/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: AH - 23 - 8 (2'-3') (H231646-08)

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	04/11/2023	ND	2.05	102	2.00	10.4		
Toluene*	<0.050	0.050	04/11/2023	ND	2.19	109	2.00	9.88		
Ethylbenzene*	<0.050	0.050	04/11/2023	ND	2.17	108	2.00	8.82		
Total Xylenes*	<0.150	0.150	04/11/2023	ND	6.80	113	6.00	8.44		
Total BTEX	<0.300	0.300	04/11/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	04/11/2023	ND	400	100	400	7.69		

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	04/11/2023	ND	163	81.6	200	1.62	
DRO >C10-C28*	<10.0	10.0	04/11/2023	ND	180	90.1	200	6.38	
EXT DRO >C28-C36	<10.0	10.0	04/11/2023	ND					

Surrogate: 1-Chlorooctane 86.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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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:	04/06/2023	Sampling Date:	04/05/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: AH - 9 (0-1') (H231646-09)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2023	ND	2.05	102	2.00	10.4		
Toluene*	<0.050	0.050	04/11/2023	ND	2.19	109	2.00	9.88		
Ethylbenzene*	<0.050	0.050	04/11/2023	ND	2.17	108	2.00	8.82		
Total Xylenes*	<0.150	0.150	04/11/2023	ND	6.80	113	6.00	8.44		
Total BTX	<0.300	0.300	04/11/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	04/11/2023	ND	400	100	400	7.69		

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	04/11/2023	ND	163	81.6	200	1.62	
DRO >C10-C28*	360	10.0	04/11/2023	ND	180	90.1	200	6.38	
EXT DRO >C28-C36	55.6	10.0	04/11/2023	ND					

Surrogate: 1-Chlorooctane 77.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.1 % 49.1-148

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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:	04/06/2023	Sampling Date:	04/05/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: AH - 10 (0-1') (H231646-10)

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	04/11/2023	ND	2.05	102	2.00	10.4		
Toluene*	<0.050	0.050	04/11/2023	ND	2.19	109	2.00	9.88		
Ethylbenzene*	<0.050	0.050	04/11/2023	ND	2.17	108	2.00	8.82		
Total Xylenes*	<0.150	0.150	04/11/2023	ND	6.80	113	6.00	8.44		
Total BTEX	<0.300	0.300	04/11/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/11/2023	ND	400	100	400	7.69		

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	04/11/2023	ND	163	81.6	200	1.62	
DRO >C10-C28*	805	10.0	04/11/2023	ND	180	90.1	200	6.38	
EXT DRO >C28-C36	160	10.0	04/11/2023	ND					

Surrogate: 1-Chlorooctane 73.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.8 % 49.1-148

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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:	04/06/2023	Sampling Date:	04/05/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: AH - 11 (0-1') (H231646-11)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2023	ND	1.82	90.9	2.00	4.49		
Toluene*	<0.050	0.050	04/11/2023	ND	1.98	98.8	2.00	0.760		
Ethylbenzene*	<0.050	0.050	04/11/2023	ND	1.99	99.6	2.00	2.45		
Total Xylenes*	<0.150	0.150	04/11/2023	ND	5.99	99.8	6.00	4.06		
Total BTEX	<0.300	0.300	04/11/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	04/11/2023	ND	400	100	400	7.69		

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	04/11/2023	ND	163	81.6	200	1.62	
DRO >C10-C28*	1140	10.0	04/11/2023	ND	180	90.1	200	6.38	
EXT DRO >C28-C36	207	10.0	04/11/2023	ND					

Surrogate: 1-Chlorooctane 83.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.8 % 49.1-148

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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:	04/06/2023	Sampling Date:	04/05/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: AH - 12 (0-1') (H231646-12)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2023	ND	1.82	90.9	2.00	4.49		
Toluene*	<0.050	0.050	04/11/2023	ND	1.98	98.8	2.00	0.760		
Ethylbenzene*	<0.050	0.050	04/11/2023	ND	1.99	99.6	2.00	2.45		
Total Xylenes*	<0.150	0.150	04/11/2023	ND	5.99	99.8	6.00	4.06		
Total BTEx	<0.300	0.300	04/11/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	04/11/2023	ND	400	100	400	7.69		

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	04/11/2023	ND	163	81.6	200	1.62	
DRO >C10-C28*	716	10.0	04/11/2023	ND	180	90.1	200	6.38	
EXT DRO >C28-C36	134	10.0	04/11/2023	ND					

Surrogate: 1-Chlorooctane 87.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 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:	04/06/2023	Sampling Date:	04/05/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: AH - 13 (0-1') (H231646-13)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2023	ND	1.82	90.9	2.00	4.49		
Toluene*	<0.050	0.050	04/11/2023	ND	1.98	98.8	2.00	0.760		
Ethylbenzene*	<0.050	0.050	04/11/2023	ND	1.99	99.6	2.00	2.45		
Total Xylenes*	<0.150	0.150	04/11/2023	ND	5.99	99.8	6.00	4.06		
Total BTEX	<0.300	0.300	04/11/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/11/2023	ND	400	100	400	7.69		

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	04/11/2023	ND	163	81.6	200	1.62	
DRO >C10-C28*	481	10.0	04/11/2023	ND	180	90.1	200	6.38	
EXT DRO >C28-C36	81.7	10.0	04/11/2023	ND					

Surrogate: 1-Chlorooctane 64.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 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:	04/06/2023	Sampling Date:	04/06/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: AH - 23 - 1 (2'-3') (H231646-14)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2023	ND	1.82	90.9	2.00	4.49		
Toluene*	<0.050	0.050	04/11/2023	ND	1.98	98.8	2.00	0.760		
Ethylbenzene*	<0.050	0.050	04/11/2023	ND	1.99	99.6	2.00	2.45		
Total Xylenes*	<0.150	0.150	04/11/2023	ND	5.99	99.8	6.00	4.06		
Total BTEX	<0.300	0.300	04/11/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	04/11/2023	ND	400	100	400	7.69		

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	04/11/2023	ND	163	81.6	200	1.62	
DRO >C10-C28*	<10.0	10.0	04/11/2023	ND	180	90.1	200	6.38	
EXT DRO >C28-C36	<10.0	10.0	04/11/2023	ND					

Surrogate: 1-Chlorooctane 93.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 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:	04/06/2023	Sampling Date:	04/06/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: AH - 23 - 1 (3'-4') (H231646-15)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2023	ND	1.82	90.9	2.00	4.49		
Toluene*	<0.050	0.050	04/11/2023	ND	1.98	98.8	2.00	0.760		
Ethylbenzene*	<0.050	0.050	04/11/2023	ND	1.99	99.6	2.00	2.45		
Total Xylenes*	<0.150	0.150	04/11/2023	ND	5.99	99.8	6.00	4.06		
Total BTEX	<0.300	0.300	04/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	1280	16.0	04/11/2023	ND	400	100	400	7.69		

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	04/11/2023	ND	163	81.6	200	1.62	
DRO >C10-C28*	<10.0	10.0	04/11/2023	ND	180	90.1	200	6.38	
EXT DRO >C28-C36	<10.0	10.0	04/11/2023	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 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:	04/06/2023	Sampling Date:	04/06/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: AH - 23 - 1 (4'-5') (H231646-16)

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	04/11/2023	ND	1.82	90.9	2.00	4.49		
Toluene*	<0.050	0.050	04/11/2023	ND	1.98	98.8	2.00	0.760		
Ethylbenzene*	<0.050	0.050	04/11/2023	ND	1.99	99.6	2.00	2.45		
Total Xylenes*	<0.150	0.150	04/11/2023	ND	5.99	99.8	6.00	4.06		
Total BTEX	<0.300	0.300	04/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	432	16.0	04/11/2023	ND	400	100	400	7.69		

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	04/11/2023	ND	163	81.6	200	1.62	
DRO >C10-C28*	<10.0	10.0	04/11/2023	ND	180	90.1	200	6.38	
EXT DRO >C28-C36	<10.0	10.0	04/11/2023	ND					

Surrogate: 1-Chlorooctane 92.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 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:	04/06/2023	Sampling Date:	04/06/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: AH - 23 - 2 (2'-3') (H231646-17)

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	04/11/2023	ND	1.82	90.9	2.00	4.49		
Toluene*	<0.050	0.050	04/11/2023	ND	1.98	98.8	2.00	0.760		
Ethylbenzene*	<0.050	0.050	04/11/2023	ND	1.99	99.6	2.00	2.45		
Total Xylenes*	<0.150	0.150	04/11/2023	ND	5.99	99.8	6.00	4.06		
Total BTEX	<0.300	0.300	04/11/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	04/11/2023	ND	400	100	400	7.69		

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	04/11/2023	ND	163	81.6	200	1.62	
DRO >C10-C28*	<10.0	10.0	04/11/2023	ND	180	90.1	200	6.38	
EXT DRO >C28-C36	<10.0	10.0	04/11/2023	ND					

Surrogate: 1-Chlorooctane 86.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 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:	04/06/2023	Sampling Date:	04/06/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: AH - 23 - 2 (3'-4') (H231646-18)

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	04/11/2023	ND	1.82	90.9	2.00	4.49		
Toluene*	<0.050	0.050	04/11/2023	ND	1.98	98.8	2.00	0.760		
Ethylbenzene*	<0.050	0.050	04/11/2023	ND	1.99	99.6	2.00	2.45		
Total Xylenes*	<0.150	0.150	04/11/2023	ND	5.99	99.8	6.00	4.06		
Total BTEX	<0.300	0.300	04/11/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	04/11/2023	ND	400	100	400	7.69		

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	04/11/2023	ND	163	81.6	200	1.62	
DRO >C10-C28*	<10.0	10.0	04/11/2023	ND	180	90.1	200	6.38	
EXT DRO >C28-C36	<10.0	10.0	04/11/2023	ND					

Surrogate: 1-Chlorooctane 82.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 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:	04/06/2023	Sampling Date:	04/06/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: AH - 23 - 2 (4'-5') (H231646-19)

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	04/11/2023	ND	1.82	90.9	2.00	4.49		
Toluene*	<0.050	0.050	04/11/2023	ND	1.98	98.8	2.00	0.760		
Ethylbenzene*	<0.050	0.050	04/11/2023	ND	1.99	99.6	2.00	2.45		
Total Xylenes*	<0.150	0.150	04/11/2023	ND	5.99	99.8	6.00	4.06		
Total BTEX	<0.300	0.300	04/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	04/11/2023	ND	400	100	400	7.69		

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	04/12/2023	ND	163	81.6	200	1.62	
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	180	90.1	200	6.38	
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND					

Surrogate: 1-Chlorooctane 81.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.3 % 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:	04/06/2023	Sampling Date:	04/06/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: AH - 23 - 3 (2'-3') (H231646-20)

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	04/11/2023	ND	1.82	90.9	2.00	4.49		
Toluene*	<0.050	0.050	04/11/2023	ND	1.98	98.8	2.00	0.760		
Ethylbenzene*	<0.050	0.050	04/11/2023	ND	1.99	99.6	2.00	2.45		
Total Xylenes*	<0.150	0.150	04/11/2023	ND	5.99	99.8	6.00	4.06		
Total BTEX	<0.300	0.300	04/11/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1630	16.0	04/11/2023	ND	400	100	400	7.69		

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	04/12/2023	ND	163	81.6	200	1.62	
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	180	90.1	200	6.38	
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND					

Surrogate: 1-Chlorooctane 93.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 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:	04/06/2023	Sampling Date:	04/06/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: AH - 23 - 3 (3'-4') (H231646-21)

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	04/11/2023	ND	1.82	90.9	2.00	4.49		
Toluene*	<0.050	0.050	04/11/2023	ND	1.98	98.8	2.00	0.760		
Ethylbenzene*	<0.050	0.050	04/11/2023	ND	1.99	99.6	2.00	2.45		
Total Xylenes*	<0.150	0.150	04/11/2023	ND	5.99	99.8	6.00	4.06		
Total BTEX	<0.300	0.300	04/11/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1010	16.0	04/11/2023	ND	400	100	400	7.69		

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	04/11/2023	ND	183	91.7	200	0.937	
DRO >C10-C28*	<10.0	10.0	04/11/2023	ND	178	88.8	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	04/11/2023	ND					

Surrogate: 1-Chlorooctane 92.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.2 % 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:	04/06/2023	Sampling Date:	04/06/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: AH - 23 - 3 (4'-5') (H231646-22)

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	04/11/2023	ND	1.82	90.9	2.00	4.49		
Toluene*	<0.050	0.050	04/11/2023	ND	1.98	98.8	2.00	0.760		
Ethylbenzene*	<0.050	0.050	04/11/2023	ND	1.99	99.6	2.00	2.45		
Total Xylenes*	<0.150	0.150	04/11/2023	ND	5.99	99.8	6.00	4.06		
Total BTEX	<0.300	0.300	04/11/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	848	16.0	04/11/2023	ND	400	100	400	7.69		

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	04/11/2023	ND	183	91.7	200	0.937	
DRO >C10-C28*	<10.0	10.0	04/11/2023	ND	178	88.8	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	04/11/2023	ND					

Surrogate: 1-Chlorooctane 95.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.9 % 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:	04/06/2023	Sampling Date:	04/06/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: AH - 23 - 4 (0-1') (H231646-23)

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	04/11/2023	ND	1.82	90.9	2.00	4.49		
Toluene*	<0.050	0.050	04/11/2023	ND	1.98	98.8	2.00	0.760		
Ethylbenzene*	<0.050	0.050	04/11/2023	ND	1.99	99.6	2.00	2.45		
Total Xylenes*	<0.150	0.150	04/11/2023	ND	5.99	99.8	6.00	4.06		
Total BTEX	<0.300	0.300	04/11/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	04/11/2023	ND	400	100	400	7.69	

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	04/12/2023	ND	183	91.7	200	0.937	
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	178	88.8	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND					

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.6 % 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:	04/06/2023	Sampling Date:	04/06/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: AH - 23 - 4 (2'-3') (H231646-24)

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	04/11/2023	ND	1.82	90.9	2.00	4.49		
Toluene*	<0.050	0.050	04/11/2023	ND	1.98	98.8	2.00	0.760		
Ethylbenzene*	<0.050	0.050	04/11/2023	ND	1.99	99.6	2.00	2.45		
Total Xylenes*	<0.150	0.150	04/11/2023	ND	5.99	99.8	6.00	4.06		
Total BTEX	<0.300	0.300	04/11/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	688	16.0	04/12/2023	ND	416	104	400	3.77	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2023	ND	183	91.7	200	0.937	
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	178	88.8	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND					

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.0 % 49.1-148

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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:	04/06/2023	Sampling Date:	04/06/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: AH - 23 - 4 (3'-4') (H231646-25)

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	04/11/2023	ND	1.82	90.9	2.00	4.49		
Toluene*	<0.050	0.050	04/11/2023	ND	1.98	98.8	2.00	0.760		
Ethylbenzene*	<0.050	0.050	04/11/2023	ND	1.99	99.6	2.00	2.45		
Total Xylenes*	<0.150	0.150	04/11/2023	ND	5.99	99.8	6.00	4.06		
Total BTEX	<0.300	0.300	04/11/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/12/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2023	ND	183	91.7	200	0.937	
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	178	88.8	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND					

Surrogate: 1-Chlorooctane 93.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.4 % 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:	04/06/2023	Sampling Date:	04/06/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: AH - 23 - 5 (0-1') (H231646-26)

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	04/11/2023	ND	1.82	90.9	2.00	4.49		
Toluene*	<0.050	0.050	04/11/2023	ND	1.98	98.8	2.00	0.760		
Ethylbenzene*	<0.050	0.050	04/11/2023	ND	1.99	99.6	2.00	2.45		
Total Xylenes*	<0.150	0.150	04/11/2023	ND	5.99	99.8	6.00	4.06		
Total BTEX	<0.300	0.300	04/11/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	04/12/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2023	ND	183	91.7	200	0.937	
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	178	88.8	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 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:	04/06/2023	Sampling Date:	04/06/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: AH - 23 - 5 (2'-3') (H231646-27)

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	04/11/2023	ND	1.82	90.9	2.00	4.49		
Toluene*	<0.050	0.050	04/11/2023	ND	1.98	98.8	2.00	0.760		
Ethylbenzene*	<0.050	0.050	04/11/2023	ND	1.99	99.6	2.00	2.45		
Total Xylenes*	<0.150	0.150	04/11/2023	ND	5.99	99.8	6.00	4.06		
Total BTEX	<0.300	0.300	04/11/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	04/12/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2023	ND	183	91.7	200	0.937	
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	178	88.8	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND					

Surrogate: 1-Chlorooctane 94.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.8 % 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:	04/06/2023	Sampling Date:	04/06/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: AH - 23 - 5 (3'-4') (H231646-28)

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	04/11/2023	ND	1.82	90.9	2.00	4.49		
Toluene*	<0.050	0.050	04/11/2023	ND	1.98	98.8	2.00	0.760		
Ethylbenzene*	<0.050	0.050	04/11/2023	ND	1.99	99.6	2.00	2.45		
Total Xylenes*	<0.150	0.150	04/11/2023	ND	5.99	99.8	6.00	4.06		
Total BTEX	<0.300	0.300	04/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	304	16.0	04/12/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2023	ND	183	91.7	200	0.937	
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	178	88.8	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND					

Surrogate: 1-Chlorooctane 84.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.1 % 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:	04/06/2023	Sampling Date:	04/06/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: AH - 23 - 6 (0-1') (H231646-29)

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	04/11/2023	ND	1.82	90.9	2.00	4.49		
Toluene*	<0.050	0.050	04/11/2023	ND	1.98	98.8	2.00	0.760		
Ethylbenzene*	<0.050	0.050	04/11/2023	ND	1.99	99.6	2.00	2.45		
Total Xylenes*	<0.150	0.150	04/11/2023	ND	5.99	99.8	6.00	4.06		
Total BTEx	<0.300	0.300	04/11/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	04/12/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2023	ND	183	91.7	200	0.937	
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	178	88.8	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND					

Surrogate: 1-Chlorooctane 87.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.8 % 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:	04/06/2023	Sampling Date:	04/06/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: AH - 23 - 6 (2'-3') (H231646-30)

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	04/12/2023	ND	1.82	90.9	2.00	4.49		
Toluene*	<0.050	0.050	04/12/2023	ND	1.98	98.8	2.00	0.760		
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	1.99	99.6	2.00	2.45		
Total Xylenes*	<0.150	0.150	04/12/2023	ND	5.99	99.8	6.00	4.06		
Total BTEX	<0.300	0.300	04/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	240	16.0	04/12/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2023	ND	183	91.7	200	0.937	
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	178	88.8	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.5 % 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:	04/06/2023	Sampling Date:	04/06/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: AH - 23 - 6 (3'-4') (H231646-31)

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	04/11/2023	ND	1.93	96.3	2.00	0.748	QM-07, QR-03
Toluene*	<0.050	0.050	04/11/2023	ND	1.97	98.4	2.00	0.811	QR-03
Ethylbenzene*	<0.050	0.050	04/11/2023	ND	2.08	104	2.00	0.823	QR-03
Total Xylenes*	<0.150	0.150	04/11/2023	ND	6.26	104	6.00	0.837	QR-03
Total BTEx	<0.300	0.300	04/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	04/12/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2023	ND	183	91.7	200	0.937	
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	178	88.8	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 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:	04/06/2023	Sampling Date:	04/06/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: AH - 23 - 7 (0-1') (H231646-32)

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	04/11/2023	ND	1.93	96.3	2.00	0.748		
Toluene*	<0.050	0.050	04/11/2023	ND	1.97	98.4	2.00	0.811		
Ethylbenzene*	<0.050	0.050	04/11/2023	ND	2.08	104	2.00	0.823		
Total Xylenes*	<0.150	0.150	04/11/2023	ND	6.26	104	6.00	0.837		
Total BTEx	<0.300	0.300	04/11/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	592	16.0	04/12/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2023	ND	183	91.7	200	0.937	
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	178	88.8	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND					

Surrogate: 1-Chlorooctane 96.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 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:	04/06/2023	Sampling Date:	04/06/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: AH - 23 - 7 (2'-3') (H231646-33)

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	04/11/2023	ND	1.93	96.3	2.00	0.748		
Toluene*	<0.050	0.050	04/11/2023	ND	1.97	98.4	2.00	0.811		
Ethylbenzene*	<0.050	0.050	04/11/2023	ND	2.08	104	2.00	0.823		
Total Xylenes*	<0.150	0.150	04/11/2023	ND	6.26	104	6.00	0.837		
Total BTEx	<0.300	0.300	04/11/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	912	16.0	04/12/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2023	ND	183	91.7	200	0.937	
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	178	88.8	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 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:	04/06/2023	Sampling Date:	04/06/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: AH - 23 - 7 (3'-4') (H231646-34)

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	04/11/2023	ND	1.93	96.3	2.00	0.748		
Toluene*	<0.050	0.050	04/11/2023	ND	1.97	98.4	2.00	0.811		
Ethylbenzene*	<0.050	0.050	04/11/2023	ND	2.08	104	2.00	0.823		
Total Xylenes*	<0.150	0.150	04/11/2023	ND	6.26	104	6.00	0.837		
Total BTEX	<0.300	0.300	04/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 123 % 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	1120	16.0	04/12/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2023	ND	183	91.7	200	0.937	
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	178	88.8	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 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:	04/06/2023	Sampling Date:	04/06/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: AH - 23 - 8 (3'-4') (H231646-35)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2023	ND	1.93	96.3	2.00	0.748		
Toluene*	<0.050	0.050	04/11/2023	ND	1.97	98.4	2.00	0.811		
Ethylbenzene*	<0.050	0.050	04/11/2023	ND	2.08	104	2.00	0.823		
Total Xylenes*	<0.150	0.150	04/11/2023	ND	6.26	104	6.00	0.837		
Total BTX	<0.300	0.300	04/11/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	816	16.0	04/12/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2023	ND	183	91.7	200	0.937	
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	178	88.8	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 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:	04/06/2023	Sampling Date:	04/06/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: AH - 23 - 8 (4'-5') (H231646-36)

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	04/11/2023	ND	1.93	96.3	2.00	0.748		
Toluene*	<0.050	0.050	04/11/2023	ND	1.97	98.4	2.00	0.811		
Ethylbenzene*	<0.050	0.050	04/11/2023	ND	2.08	104	2.00	0.823		
Total Xylenes*	<0.150	0.150	04/11/2023	ND	6.26	104	6.00	0.837		
Total BTEx	<0.300	0.300	04/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	832	16.0	04/12/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2023	ND	183	91.7	200	0.937	
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	178	88.8	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 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:	04/06/2023	Sampling Date:	04/06/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: AH - 23 - 8 (5'-6') (H231646-37)

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	04/11/2023	ND	1.93	96.3	2.00	0.748		
Toluene*	<0.050	0.050	04/11/2023	ND	1.97	98.4	2.00	0.811		
Ethylbenzene*	<0.050	0.050	04/11/2023	ND	2.08	104	2.00	0.823		
Total Xylenes*	<0.150	0.150	04/11/2023	ND	6.26	104	6.00	0.837		
Total BTEX	<0.300	0.300	04/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	688	16.0	04/12/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2023	ND	183	91.7	200	0.937	
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	178	88.8	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND					

Surrogate: 1-Chlorooctane 98.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 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:	04/06/2023	Sampling Date:	04/06/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER FEDERAL COM 4H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02883	Sample Received By:	Tamara Oldaker
Project Location:	COP-EDDY COUNTY, NEW MEXICO		

Sample ID: AH - 23 - 3 (5'-6') (H231646-38)

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	04/11/2023	ND	1.93	96.3	2.00	0.748		
Toluene*	<0.050	0.050	04/11/2023	ND	1.97	98.4	2.00	0.811		
Ethylbenzene*	<0.050	0.050	04/11/2023	ND	2.08	104	2.00	0.823		
Total Xylenes*	<0.150	0.150	04/11/2023	ND	6.26	104	6.00	0.837		
Total BTEX	<0.300	0.300	04/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	800	16.0	04/12/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2023	ND	183	91.7	200	0.937	
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	178	88.8	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 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

Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

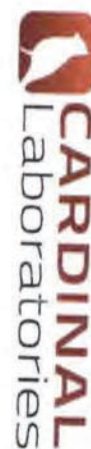
Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Project Manager: Christian Lull Address: 8911 Capital o Texas Hwy, Suite 2310 City: Austin State: TX Zip: _____ Phone #: (512)565-0190 Fax #: _____ Project #: 212C-MD-02883 Project Owner: ComcoPhillips Project Name: Sidewinder Federal Com 4H Release Project Location: Eddy County, New Mexico Sampler Name: Cotton Bickerstaff Lab I.D.: _____				P.O. #: _____ Company: Tetra Tech Attn: Christian Lull Address: EMAIL City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____			
BILL TO							
ANALYSIS REQUEST							

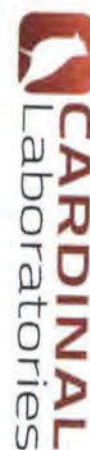
Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	TPH 8015M	BTEX 8021B	Chloride SM4500CI-B							
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER : ACID/BASE:												ICE / COOL
1 AH-23-1 (0-1')	G 1	X							4/9/2023		X	X	X							
2 AH-23-1 (1'-2')	G 1	X							4/9/2023		X	X	X							
3 AH-23-2 (0-1')	G 1	X							4/9/2023		X	X	X							
4 AH-23-2 (1'-2')	G 1	X							4/9/2023		X	X	X							
5 AH-23-3 (0-1')	G 1	X							4/9/2023		X	X	X							
6 AH-23-3 (1'-2')	G 1	X							4/9/2023		X	X	X							
7 AH-23-8 (0-1')	G 1	X							4/9/2023		X	X	X							
8 AH-23-8 (2-3')	G 1	X							4/9/2023		X	X	X							
9 AH-9 (0-1')	G 1	X							4/9/2023		X	X	X							
10 AH-10 (0-1')	G 1	X							4/9/2023		X	X	X							

PLEASE NOTE: Liability and Outages: Contract liability and alert's analysis results for any client using analysis results for any client for the purpose of a bill, shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Customer within 30 days after completion of analysis. Results are not to be used for any other purpose without written permission of the provider. Results are not to be used for any other purpose without written permission of the provider. Results are not to be used for any other purpose without written permission of the provider.

Relinquished By: Cotton Bickerstaff Date: 4/6/23 Time: 14:28 Received By: _____ Date: _____ Time: _____		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ Remarks: All Results are emailed. Please provide Email address: Christian.Lull@tetratech.com	
--	--	--	--

Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____ Observed Temp. °C: 09 Corrected Temp. °C: 03 Sample Condition: <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No CHECKED BY: (Initials) VE.	Thermometer Type: Standard Batch: 104 Thermometer ID: #113 Correction Factor: -0.5°C Thermometer ID: #113 Correction Factor: -0.5°C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C: _____
---	---

FORM-006 R 3.2 1/07/21



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Tetra Tech Project Manager: Christian Lull Address: 8911 Capital o Texas Hwy, Suite 2310 City: Austin State: TX Zip: _____ Phone #: (512)565-0190 Fax #: _____ Project #: 212C-MD-02883 Project Owner: ConocoPhillips Project Name: Sidewinder Federal Com 4H Release Project Location: Eddy County, New Mexico Sampler Name: Colton Bickerstaff Lab I.D.: _____										BILL TO P.O. #: _____ Company: Tetra Tech Attn: Christian Lull Address: EMAIL _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____										ANALYSIS REQUEST									
Sample I.D. H231646										(G)RAB OR (C)OMP.																			
										# CONTAINERS																			
MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :										PRESERV.										SAMPLING									
										DATE										TIME									
										TPH 8015M																			
										BTEX 8021B																			
										Chloride SM4500CI-B																			
11 AH-11 (0-1') 12 AH-12 (0-1') 13 AH-13 (0-1') 14 AH-23-1 (2-3') 15 AH-23-1 (3-4') 16 AH-23-1 (4-5') 17 AH-23-2 (2-3') 18 AH-23-2 (3-4') 19 AH-23-2 (4-5') 20 AH-23-3 (2-3')										G 1 G 1 G 1 G 1 G 1 G 1 G 1 G 1 G 1 G 1										X X X X X X X X X X									
4/5/2023 4/5/2023 4/5/2023 4/5/2023 4/5/2023 4/5/2023 4/5/2023 4/5/2023 4/5/2023 4/5/2023										X X X X X X X X X X																			
4/5/2023 4/5/2023 4/5/2023 4/5/2023 4/5/2023 4/5/2023 4/5/2023 4/5/2023 4/5/2023 4/5/2023										X X X X X X X X X X																			

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Relinquished By: Colton Bickerstaff		Date: 4/6/23		Received By: <i>Christian Lull</i>		Time: 14:38		Observed Temp. °C: 29		Corrected Temp. °C: 0.3		Sample Condition: Cool Impact <input checked="" type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/>		CHECKED BY: <i>VC</i>		Turnaround Time: Standard		Standard:		Baseline (only) Sample Condition:		Thermometer ID #113		Correction Factor -0.5°C		Thermometer ID #113		Correction Factor -0.5°C	
Relinquished By:		Date:		Received By:		Time:		Observed Temp. °C:		Corrected Temp. °C:		Sample Condition:		CHECKED BY:		Turnaround Time:		Standard:		Baseline (only) Sample Condition:		Thermometer ID #113		Correction Factor -0.5°C		Thermometer ID #113		Correction Factor -0.5°C	
REMARKS:																													
Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____																													
All Results are emailed. Please provide Email address: Christian.Lull@tetratech.com																													

FORM-006 R 3.2 1/00/7/21



ANALYSIS REQUEST

Lab I.D.

PLEASE NOTE: Under

Comments or suggestions

F. O. N. 000 K. 3.2 10/01/21

I cannot edit or accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



ANALYSIS REQUEST

Page 44 of 44

APPENDIX F

Waste Manifests

TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

R360
ENVIRONMENTAL
SOLUTIONS

(PLEASE PRINT)

REQUIRED INFORMATION

Name

Phone No.

GENERATOR

NO. 301412

Operator No.

Operator's Name

Address

City, State, Zip

Phone No.

Permit/PPC 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

Water Based Muds

Water Based Cuttings

Produced Formation Solids

Tank Bottoms

Oil Contaminated Soil

Other 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

14 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**DISPOSAL FACILITY****RECEIVING AREA**

OUT:

Name/No.

Name/

Unit 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

Gauge

Gauge

Used

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

orthstarforms.com

TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

R360
ENVIRONMENTAL
SOLUTIONS

Company Man Contact Information

Name Travis

Phone No. _____

(PLEASE PRINT)

REQUIRED INFORMATION

GENERATOR

NO. 301537

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

Permit/PPC No. _____
 Lease/Well _____
 Name & No. S. Anderson Fed Com 4H
 County Edwards
 API No. 30-015-44192
 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)

Based Muds	_____	NON-INJECTABLE WATERS	_____	OTHER EXEMPT WASTES (type and generation process of the waste)
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)	_____	
Shank Bottoms	_____	INTERNAL USE ONLY	_____	
Oil Contaminated Soil	_____	Truck Washout (exempt waste)	_____	
Oil 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 14 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 men 4 partners
 Address _____
 Phone No. _____

Driver's Name John Busby
 Phone No. _____
 Truck No. _____
 WHP No. _____

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

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: 12:00 OUT: _____Name/No. 01

Name/Unit No. Red Bluff Facility / STF-065
 Address 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
Guage _____	_____
Guage _____	_____
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 Man Contact Information

R360
ENVIRONMENTAL
SOLUTIONS

(PLEASE PRINT)

REQUIRED INFORMATION

Name _____

Phone No. _____

GENERATORNO. **301413**

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

Permit/PPC No. _____
 Lease/Well Name & No. Sidewater Fed well 4-11
 County _____
 API No. 30-015-44190
 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)

Waste Type	Volume	Waste Type	Volume
Oil Based Muds	_____	NON-INJECTABLE WATERS	_____
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)	_____
Drill Bit Bottoms	_____	INTERNAL USE ONLY	_____
E&P Contaminated Soil	_____	Truck Washout (exempt waste)	_____
As Plant 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 14 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 McHabb Partners
 Address _____
 Phone No. _____

Driver's Name Joel Kim Baskin
 Phone No. _____
 Truck No. 1733
 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: 12/4/23 OUT: _____Name/No. T2

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
Guage	_____	_____
Guage	_____	_____
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 Man Contact Information



(PLEASE PRINT)

REQUIRED INFORMATION

Name ThompsonPhone No. 361-441-1972

GENERATOR

NO. 301538

Generator No. _____

Permit/PPC No. _____

Generators Name Conoco

Lease/Well _____

Address _____

Name & No. 5 down road of rd Con 4H

County _____

City, State, Zip _____

API No. 322015-44197

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)	_____	<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)	_____	
Drill Tank Bottoms	_____	INTERNAL USE ONLY	_____	
E&P Contaminated Soil	_____	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 1 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 Mr. Robb PerkinsDriver's Name Bob Busby

Address _____

Phone No. _____

Phone No. 375 397 0050Truck No. 135

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 8-28-23DRIVER'S SIGNATURE [Signature]DELIVERY DATE 8-28-23DRIVER'S SIGNATURE [Signature]

TRUCK TIME STAMP

IN: 11:00 AM OUT: 1:00 PM

DISPOSAL FACILITY

RECEIVING AREA

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

Gauge	Feet	Inches
Gauge		
Received		

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

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

ACCEPTED 8/28/23

DENIED

If denied, why? _____

NAME (PRINT)

DATE

TITLE

SIGNATURE

TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information



(PLEASE PRINT)

REQUIRED INFORMATION

Name _____

Phone No. _____

GENERATOR

NO. 301414

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

Permit/PPC No. _____
 Lease/Well Name & No. Sidewinder Fed Conn 4 H
 County 30-015-44190
 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)	
Drill Tank Bottoms	INTERNAL USE ONLY	
E&P Contaminated Soil	Truck Washout (exempt waste)	
As 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 14 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 McDonald's Partners
 Address _____
 Phone No. _____

Driver's Name Joel Van Buren
 Phone No. _____
 Truck No. 1733
 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/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 (%)
Guage		Free Water	
Guage		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

TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information



(PLEASE PRINT)

REQUIRED INFORMATION

Name Joe Taveras

Phone No. _____

GENERATOR

NO. 303209

Generator No. _____
 Generator's Name Cmoco
 Address _____
 City, State, Zip _____
 Phone No. _____

Permit/PPC No. _____
 Lease/Well Name & No. Sole well La Red Cm H.H.
 County Edwards
 API No. 2015 44197
 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)

Based Muds	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
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)	
Drill Bottoms	INTERNAL USE ONLY	
E&P Contaminated Soil	Truck Washout (exempt waste)	
As 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 19 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. 575 347 0070

Driver's Name Josh Bushy
 Phone No. _____
 Truck No. m35
 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: 2:00 OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

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 (%)
Guage		Free Water	
Guage		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

TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST



Company Man Contact Information

(PLEASE PRINT) *REQUIRED INFORMATION*

Name John T. ...Phone No. ...

GENERATOR

NO. 303210

Operator No. _____
 Operators Name Conoco
 Address _____
 City, State, Zip _____
 Phone No. 32

Permit/PPC No. _____
 Lease/Well _____
 Name & No. Sole under Fed Conn 4H
 County Edley
 API No. 30-615-44192
 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 14 Y-YARDS _____ E-EACH _____

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. 515 377 0050

Driver's Name John T. ...
 Phone No. _____
 Truck No. M35
 WHP No. _____

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

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

TRUCK TIME STAMP

IN: 11 OUT: ...

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 01

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	
3rd Gauge		Total Received	

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 Man Contact Information



(PLEASE PRINT)

REQUIRED INFORMATION

Name _____

Phone No. _____

GENERATOR

NO. 301415

Generator No. _____
 Generator's Name Conoco
 Address _____
 City, State, Zip _____
 Phone No. _____

Permit/PPC No. _____
 Lease/Well Name & No. Sidewinder Fed Com 4H
 County 4004
 API No. 30-015-44192
 Rig Name & No. _____
 AFE/PO No. WAO.000.7491.00.1RM

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

Based Muds	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
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)	
Shank Bottoms		
Oil Contaminated Soil	INTERNAL USE ONLY	
Oil 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 14 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 Jad Van Buren
 Phone No. _____
 Truck No. _____
 WHP No. _____

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

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: 11-26-23 OUT: _____Name/No. T2

Facility 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 (%)
Guage		Free Water	
2nd Guage		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

TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information



(PLEASE PRINT)

REQUIRED INFORMATION

Name _____

Phone No. _____

GENERATORNO. **301524**Generator No. 301524

Permit/PPC No. _____

Generator's Name McNabb Partners

Lease/Well _____

Address 1504 W. Gailshart HwyName & No. 004 H

County _____

City, State, Zip _____

API No. 30-015-44192

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)

Based Muds	_____	NON-INJECTABLE WATERS	_____	OTHER EXEMPT WASTES (type and generation process of the waste)	_____
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)	_____		
Drill Tank Bottoms	_____	INTERNAL USE ONLY	_____		
Drill Contaminated Soil	_____	Truck Washout (exempt waste)	_____		
Drill 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 Alvaro TerceroAddress 1504 W. Gailshart HwyPhone No. 575-241-0796

Phone No. _____

Truck No. m-31

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: 11:49 AM OUT: _____**DISPOSAL FACILITY**

RECEIVING AREA

Facility Name/Permit No. Red Bluff Facility / STF-065Phone No. 432-448-4239Address 5053 US Hwy 285, Orla, TX 79770NORM 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	_____	_____
3rd Gauge	_____	_____

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 Man Contact Information:



(PLEASE PRINT)

REQUIRED INFORMATION

Name The Tardos

Phone No. _____

GENERATOR

NO. 303211

Generator No. _____
 Generator's Name Conoco
 Address _____
 City, State, Zip _____
 Phone No. _____

Permit/PPC No. _____
 Lease/Well _____
 Name & No. S. Edwards Fed Com #11
 County Eddy
 API No. 50-015-44192
 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)

EXEMPT WASTE	AMOUNT	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Muds	_____	<u>Drum tank</u>
Oil Based Cuttings	_____	
Water Based Muds	_____	
Water Based Cuttings	_____	
Produced Formation Solids	_____	
Drum Bottoms	_____	
E&P Contaminated Soil as 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 14 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 Merrell Padua
 Address _____
 Phone No. 575 317 0050

Driver's Name Josh Busby
 Phone No. _____
 Truck No. 1135
 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 8-29-23 DRIVER'S SIGNATURE [Signature] DELIVERY DATE 8-29-23 DRIVER'S SIGNATURE [Signature]

TRUCK TIME STAMP

IN: 1:10 PM OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Facility 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 (%)
_____	_____	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 Man Contact Information

R360
ENVIRONMENTAL
SOLUTIONS

(PLEASE PRINT)

REQUIRED INFORMATION

Name _____

Phone No. _____

GENERATORNO. **301416**

Generator No. _____
Generator's Name Canoco
Address _____
City, State, Zip _____
Phone No. _____

Permit/PPC No. _____
Lease/Well _____
Name & No. Schneider Fed Com 4H
County _____
API No. 30-015-44109
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)

Based Muds	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
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)	
Drill Tank Bottoms	INTERNAL USE ONLY	
E&P Contaminated Soil	Truck Washout (exempt waste)	
Oil 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 14 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 McKibbin Partners
Address _____
Phone No. _____

Driver's Name Joel Van Buren
Phone No. _____
Truck No. W133
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: 11/18/23 OUT: _____Name/No. D2

Facility Name/Address Red Bluff Facility / STF-065
5053 US Hwy 285, Orla, TX 79770

Phone No. 432-448-4239NORM READINGS TAKEN? (Circle One) YES YES NOIf YES, was reading > 50 micro roentgens? (Circle One) YES NO NO
NORM (mR/hr) 4**TANK BOTTOMS**

Feet	Inches	BS&W Received	BS&W (%)
Guage		Free Water	
2nd Guage		Total Received	
Received			

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

ACCEPTED 9/19/23

DENIED

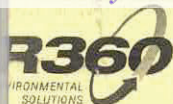
If denied, why? _____

NAME (PRINT) Joel Van BurenDATE 9/19/23TITLE Driver

SIGNATURE _____

TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information



(PLEASE PRINT)

REQUIRED INFORMATION

Name _____

Phone No. _____

Generator No. Coroca

Generators Name _____

Address FX-104022

City, State, Zip _____

Phone No. _____

GENERATOR

NO. 301523

Permit/PPC No. _____

Lease/Well Name & No. Side Windowed #004

County 30-015-44192

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)

Based Muds	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
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)	
Drill Tank Bottoms	INTERNAL USE ONLY	
Drill Contaminated Soil	Truck Washout (exempt waste)	
Drill 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 176 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. Carlisbad Hwy

Phone No. _____

Driver's Name Alban Tercero

Phone No. 575-241-0796

Truck No. M-31

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 8-29-2023 DRIVER'S SIGNATURE Alban Tercero DELIVERY DATE 8-29-2023 DRIVER'S SIGNATURE Alban Tercero

TRUCK TIME STAMP

IN: 11:39 AM OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

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 (%)
Guage		Free Water	
Guage		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

TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information



(PLEASE PRINT)

REQUIRED INFORMATION

Name Ike T. Torres

Phone No. _____

GENERATOR

NO. 303212

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

Permit/PPC No. _____
 Lease/Well Name & No. Sole Winder Fed Com 4H
 County El Paso
 API No. 32 05-44129
 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)	
Blank 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 14 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 MD&BB Partners
 Address _____
 Phone No. 575 397 0050

Driver's Name Josh Rushby
 Phone No. _____
 Truck No. M35
 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: 8/29/23 OUT: 8/29/23Name/No. T3

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

Phone No. 432-448-4239

NORM READINGS TAKEN? (Circle One) YES NO

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

TANK BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
3rd Gauge		

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 Man Contact Information



(PLEASE PRINT)

REQUIRED INFORMATION

Name _____

Phone No. _____

GENERATOR

NO. 301417

Generator No. _____
 Generator's Name Conoco
 Address _____
 City, State, Zip _____
 Phone No. _____

Permit/PPC No. _____
 Lease/Well Name & No. Sidewinder Fed COM 4H
 County 30-0152 H41410
 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)	_____		
Drill 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 Wickboldt Enterprises
 Address _____
 Phone No. _____

Driver's Name Traci Van Buren
 Phone No. _____
 Truck No. 1133
 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: 7:02 PM OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 73

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

Phone No. 432-448-4239

NORM READINGS TAKEN? (Circle One) YES NO

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

NORM (mR/hr) 8

TANK BOTTOMS

	Feet	Inches
1st Gauge	_____	_____
2nd Gauge	_____	_____
3rd Gauge	_____	_____

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 Man Contact Information



(PLEASE PRINT)

REQUIRED INFORMATION

Name _____

Phone No. _____

Generator No. 150000

Generators Name DKE Tavor 2

Address _____

City, State, Zip _____

Phone No. _____

Permit/PPC No. _____

Lease/Well Name & No. Sida Under Fed

County Harris

API No. 20-015-44192

Rig Name & No. _____

AFE/PO No. _____

GENERATOR

NO. 301525

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)	_____
Water 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)	_____		
Drill Bit Bottoms	_____	INTERNAL USE ONLY	_____		
E&P Contaminated Soil	_____	Truck Washout (exempt waste)	_____		
As 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. Carlisbad Hwy

City Harris

Phone No. _____

Driver's Name Alvaro Tercero

Phone No. 575-241-0796

Truck No. M-31

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 8-29-2023 DRIVER'S SIGNATURE Alvaro Tercero DELIVERY DATE 8-29-2023 DRIVER'S SIGNATURE Alvaro Tercero

TRUCK TIME STAMP

IN: 7:19 OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. T3

Facility 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 (%)
Guage	_____	Free Water	_____
Guage	_____	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 _____

TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information



(PLEASE PRINT)

REQUIRED INFORMATION

Name Ike Turner

Phone No. _____

GENERATOR		NO. 303213
Operator No. _____	Permit/PPC No. _____	
Operators Name <u>Conoco</u>	Lease/Well _____	
Address _____	Name & No. <u>3 down under fed Con 4/H</u>	
	County <u>Field</u>	
	API No. <u>30-015-44192</u>	
City, State, Zip _____	Rig Name & No. _____	
Phone No. _____	AFE/PO No. _____	

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

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) _____	
Drill 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 14 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 <u>Northstar</u>	Driver's Name <u>Josh Busby</u>
Address _____	Phone No. _____
Phone No. <u>575 397 0050</u>	Truck No. <u>1135</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 8-29-23 DRIVER'S SIGNATURE [Signature] DELIVERY DATE 8-29-23 DRIVER'S SIGNATURE [Signature]

TRUCK TIME STAMP IN: <u>2:22</u> OUT: _____	DISPOSAL FACILITY	RECEIVING AREA Name/No. <u>13</u>
--	--------------------------	--------------------------------------

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

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

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

NAME (PRINT) Josh Busby DATE 8/29/23 TITLE Driver SIGNATURE [Signature]

TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information



(PLEASE PRINT)

REQUIRED INFORMATION

Name _____

Phone No. _____

GENERATOR

NO. 303572

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

Permit/PPC No. _____
 Lease/Well Name & No. Sakunda 4H
 County 2015-41172
 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)

Waste Type	Volume	Waste Type	Volume
Oil Based Muds	_____	NON-INJECTABLE WATERS	_____
Water 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)	_____
Drill Bit Bottoms	_____	INTERNAL USE ONLY	_____
E&P Contaminated Soil	_____	Truck Washout (exempt waste)	_____
As 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 MP Environmental
 Address _____
 Phone No. _____

Driver's Name Carmen Gomez
 Phone No. _____
 Truck No. 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

DISPOSAL FACILITY

RECEIVING AREA

IN: 11:54 AM OUT: _____Name/No. D1

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

Phone No. 432-448-4239NORM READINGS TAKEN? (Circle One) YES 7 NOIf YES, was reading > 50 micro roentgens? (Circle One) YES NO
NORM (mR/hr) _____

TANK BOTTOMS

Feet	Inches	BS&W Received	BS&W (%)
Guage	_____	Free Water	_____
Guage	_____	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

TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information



(PLEASE PRINT)

REQUIRED INFORMATION

Name _____

Phone No. _____

GENERATOR

NO. 303573

Generator No. _____ Permit/PPC No. _____
Generators Name _____ Lease/Well _____
Address _____ Name & No. _____
County _____
API No. _____
City, State, Zip _____ Rig Name & No. _____
Phone No. _____ AFE/PO No. _____

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

Based Muds	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
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)	
Shank Bottoms	INTERNAL USE ONLY	
Oil Contaminated Soil	Truck Washout (exempt waste)	
Spill 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 _____ Driver's Name _____
Address _____ Phone No. _____
Phone No. _____ Truck No. _____
WHP No. _____

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

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: _____ OUT: _____ Name/No. _____

Facility 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 (%)
		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 Man Contact Information

Name MOORE BAYLOR

Phone No. _____

R360
ENVIRONMENTAL
SOLUTIONS

(PLEASE PRINT)

REQUIRED INFORMATION

GENERATORNO. **283939**

Operator No. _____

Permit/PPC No. _____

Operators Name Conoco / Phillips

Lease/Well

Name & No. Sidewinder Fed Com 4H

Address _____

County _____

City, State, Zip Midland TXAPI No. 30-015-44192

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 _____

Water Based Cuttings _____

Water Based Muds _____

Water Based Cuttings _____

Produced Formation Solids _____

Sink Bottoms _____

E&P Contaminated Soil _____

As 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)

Belly 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 backQUANTITY 18 yds

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.

TRANSPORTERDriver's Name Steve Mayberry

Phone No. _____

Truck No. 1183

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 9-1-23DRIVER'S SIGNATURE Steve MayberryDELIVERY DATE 9-1-23DRIVER'S SIGNATURE Steve Mayberry**TRUCK TIME STAMP**

IN: _____ OUT: _____

DISPOSAL FACILITY**RECEIVING AREA**

Name/

Permit No.

Address

Red Bluff Facility / STF-0655053 US Hwy 285, Orla, TX 79770Phone 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

T Gauge

D 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 7/1/23

DENIED

If denied, why? Not a valid

NAME (PRINT)

DATE

TITLE

SIGNATURE

TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information



(PLEASE PRINT)

REQUIRED INFORMATION

Name TR-702802Phone No. 409-707-8163

GENERATOR

NO. 303633

Generator No. _____
 Generator's Name Corbett & Associates
 Address 4005 Alameda
 City, State, Zip 16th St, NRI 82240
 Phone No. (505) 397-1050

Permit/PPC No. _____
 Lease/Well Name & No. Seguilla underlined area 4H
 County Eddy
 API No. 40-015-44182
 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)	
Blank 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 C 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 Jose Moreno
 Address 4005 Alameda
 Phone No. 409-707-8163

Driver's Name Jose Moreno
 Phone No. 409-707-8163
 Truck No. 409-707-8163
 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: 10:25 AM OUT: _____Name/No. D1

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

Phone No. 432-448-4239NORM READINGS TAKEN? (Circle One) YES NO 7If 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

TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact information



(PLEASE PRINT)

REQUIRED INFORMATION

Name _____

Phone No. _____

GENERATOR

NO. 277935

Operator No. 10110 Phillips

Operators Name Ike Tavaroz

Address 600 W. Highway 39000

City, State, Zip Midland TX

Phone No. _____

Permit/PPC No. _____

Lease/Well Name & No. SLWiper Fed Com 4/H

County _____

API No. 30-05-44192

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	Washout Water (Non-Injectable) _____	<u>END PUMP</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 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 MINABIS INC

Address HIGHWAY 39000

Phone No. _____

Driver's Name Michael Quinn

Phone No. 337-981-547

Truck No. M-16

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 9-1-23DRIVER'S SIGNATURE [Signature]DELIVERY DATE 9-1-23DRIVER'S SIGNATURE [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				
3rd Gauge				
4th Gauge				
5th Gauge				
6th Gauge				
7th Gauge				
8th Gauge				
9th Gauge				
10th Gauge				
11th Gauge				
12th Gauge				
13th Gauge				
14th Gauge				
15th Gauge				
16th Gauge				
17th Gauge				
18th Gauge				
19th Gauge				
20th Gauge				

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 Man Contact Information



(PLEASE PRINT)

REQUIRED INFORMATION

Name _____

Phone No. _____

GENERATOR

NO. 277939

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

Permit/PPC 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	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)	
Blank 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 _____
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	BS&W Received	BS&W (%)
1st Gauge				
2nd Gauge				
3rd Gauge				
4th Gauge				
5th Gauge				
6th Gauge				
7th Gauge				
8th Gauge				
9th Gauge				
10th Gauge				
11th Gauge				
12th Gauge				
13th Gauge				
14th Gauge				
15th Gauge				
16th Gauge				
17th Gauge				
18th Gauge				
19th Gauge				
20th Gauge				
21st Gauge				
22nd Gauge				
23rd Gauge				
24th Gauge				
25th Gauge				
26th Gauge				
27th Gauge				
28th Gauge				
29th Gauge				
30th Gauge				
31st Gauge				
32nd Gauge				
33rd Gauge				
34th Gauge				
35th Gauge				
36th Gauge				
37th Gauge				
38th Gauge				
39th Gauge				
40th Gauge				
41st Gauge				
42nd Gauge				
43rd Gauge				
44th Gauge				
45th Gauge				
46th Gauge				
47th Gauge				
48th Gauge				
49th Gauge				
50th Gauge				

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

Company Man Contact Information

Name ARDEEN GARCIA

Phone No. _____

GENERATOR

NO. 283940

Generator No. _____

Generator Name Conoco Phillips

Address _____

City, State, Zip Midland TX

Phone No. _____

Permit/PPC No. _____

Lease/Well Name & No. Side Winder Fed Com 4H

County _____

API No. 30-015-4419.2

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)	
Slack Bottoms	INTERNAL USE ONLY	
E&P Contaminated Soil	Truck Washout (exempt waste)	
As Plant Waste		<u>Belly Dump</u>

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

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

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

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

QUANTITY 18 yds 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 Mobbb Brothers

Address Highway 207

Phone No. _____

Driver's Name Arde Mayberry

Phone No. _____

Truck No. 1183

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. D

Facility Name/Permit No. Red Bluff Facility / STF-065

Address 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	BS&W Received	BS&W (%)
1st Gauge				
2nd Gauge				
3rd Gauge				
4th Gauge				
5th Gauge				
6th Gauge				
7th Gauge				
8th Gauge				
9th Gauge				
10th Gauge				
11th Gauge				
12th Gauge				
13th Gauge				
14th Gauge				
15th Gauge				
16th Gauge				
17th Gauge				
18th Gauge				
19th Gauge				
20th Gauge				
21st Gauge				
22nd Gauge				
23rd Gauge				
24th Gauge				
25th Gauge				
26th Gauge				
27th Gauge				
28th Gauge				
29th Gauge				
30th Gauge				

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 Man Contact Information



(PLEASE PRINT)

REQUIRED INFORMATION

Name 261 441 411Phone No. 932 781 8630

GENERATOR

NO. **303634**

Operator No. _____
 Operators Name Conoco Phillips
 Address 600 W. Llanos Avenue

 City, State, Zip Midland, TX
 Phone No. 932 781 8630

Permit/PPC No. _____
 Lease/Well _____
 Name & No. Red Bluff 441
 County Midland
 API No. 30-015-44192
 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)

Waste Type	Volume	Waste Type	Volume
Oil Based Muds	_____	NON-INJECTABLE WATERS	_____
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)	_____
Link Bottoms	_____	INTERNAL USE ONLY	_____
E&P Contaminated Soil	_____	Truck Washout (exempt waste)	_____
As 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 Abdullah Boulouers
 Address 1605 N. Garland
Hobbs, NM 88240
 Phone No. (505) 866-5800

Driver's Name James Monroe
 Phone No. (575) 704-5802
 Truck No. 1181
 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: 11:35 AM OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

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 (%)
Guage	_____	_____	_____
Guage	_____	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

TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

R360
ENVIRONMENTAL
SOLUTIONS

(PLEASE PRINT)

REQUIRED INFORMATION

Name _____

Phone No. _____

Generator No. _____

Generator's Name _____

Address _____

City, State, Zip _____

Phone No. _____

GENERATORNO. **303650**

Permit/PPC 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 _____

Water Based Cuttings _____

Water Based Muds _____

Water Based Cuttings _____

Produced Formation Solids _____

Tank Bottoms _____

E&P Contaminated Soil _____

As 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)

ENR 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 (TCPL), 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. _____

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

Gauge

d 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

Company Man Contact information



(PLEASE PRINT)

REQUIRED INFORMATION

Name _____

Phone No. _____

GENERATOR		NO. 277937
Operator No. _____	Permit/PPC No. _____	
Operators Name _____	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 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 _____	Driver's Name _____
Address _____	Phone No. _____
City, State, Zip _____	Truck No. _____
Phone No. _____	WHP No. _____

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

SHIPMENT DATE _____ DRIVER'S SIGNATURE _____ DELIVERY DATE _____ DRIVER'S SIGNATURE _____

TRUCK TIME STAMP	DISPOSAL FACILITY	RECEIVING AREA
IN: _____ OUT: _____		Name/No. _____

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

NORM READINGS TAKEN? (Circle One) YES NO

If YES, was reading > 50 micro roentgens? (Circle One) YES NO
NORM (mR/hr) _____

TANK BOTTOMS			
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 _____

TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST



(PLEASE PRINT)

REQUIRED INFORMATION

Company Man Contact Information

Name _____

Phone No. _____

GENERATOR

NO. 283941

Operator No. _____
 Operators Name Corpus Phillips
 Address _____
 City, State, Zip Midland TX
 Phone No. _____

Permit/PPC No. _____
 Lease/Well Name & No. Sidewinder Fed. Com 411
 County _____
 API No. 30-015-44112
 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)	
Blank 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 yds 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 McJannet Partners
 Address Hobbs 201
 Phone No. _____

Driver's Name Acie Mayberry
 Phone No. _____
 Truck No. 1185
 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. 432-448-4239NORM READINGS TAKEN? (Circle One) YES NO 7If YES, was reading > 50 micro roentgens? (Circle One) YES NO
NORM (mR/hr) _____

TANK BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
3rd Gauge		

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 Man Contact Information



(PLEASE PRINT)

REQUIRED INFORMATION

Name 712 2044443Phone No. 712 2044443

GENERATOR

NO. 303635

Operator No. _____
 Operators Name Gregory Schullings
 Address 11111111111111111111
 City, State, Zip Albion, TX 75810
 Phone No. 409 201 8000

Permit/PPC No. _____
 Lease/Well Name & No. Single Windward Cond 4H
 County Galveston
 API No. 60-015-94162
 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 10 B-BARRELS 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 Red Bluff Facility
 Address 5053 US Hwy 285, Orla, TX 79770
 Phone No. 409 201 8000

Driver's Name Gregory Schullings
 Phone No. 409 201 8000
 Truck No. _____
 WHP No. _____

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

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: 9/15/23 OUT: 9/15/23Name/No. 151

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

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

ACCEPTED ☒DENIED ☐

If denied, why? _____

NAME (PRINT)

DATE

TITLE

SIGNATURE

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 265840

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 265840
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
bhall	Deferral approved. Site will need to meet the requirements 19.15.29 NMAC when equipment is removed during other operations, or when the well or facility is plugged or abandoned, whichever comes first. Closure will not be granted when contamination is left in place and deferred.	9/19/2023