

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

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 $\frac{1}{2}$ mile) of the Site. As the available water level information is further than $\frac{1}{2}$ 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/track 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

CC:

Mr. Ike Tavarez, RMR - ConocoPhillips

Christian M. Llull, P.G. Program Manager

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

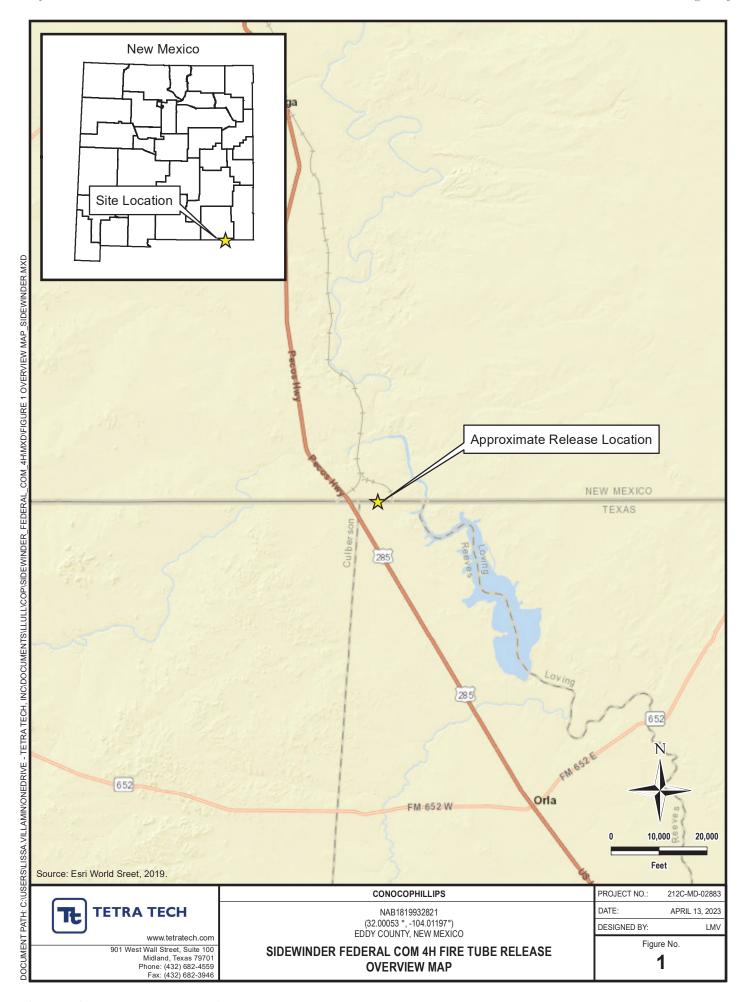
Tables:

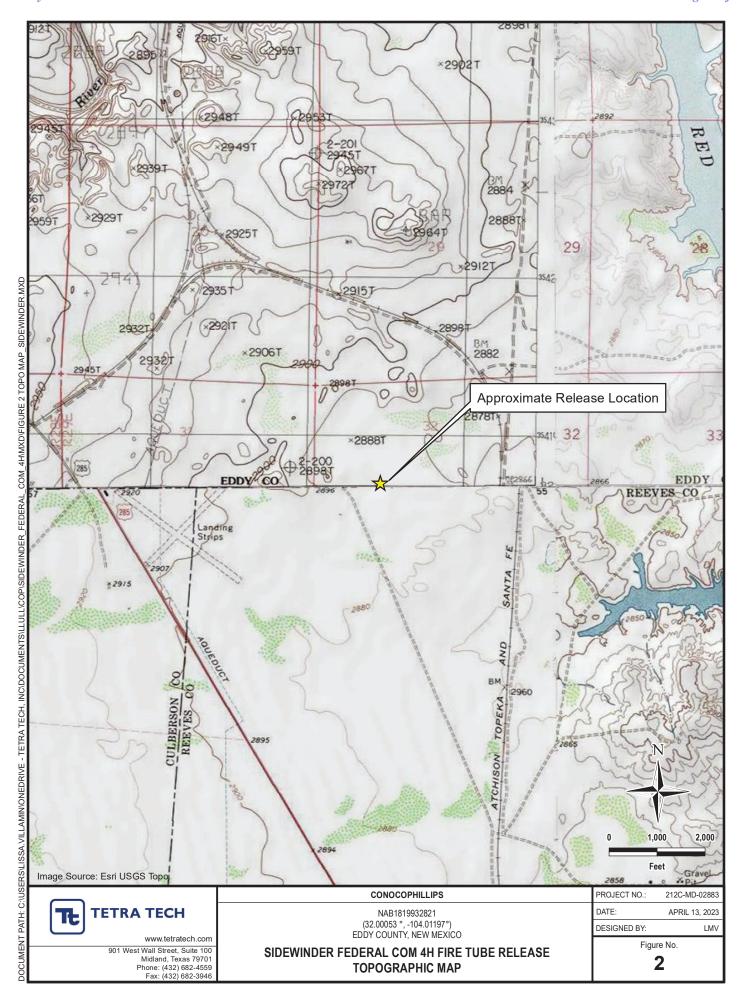
- Table 1 Summary of Analytical Results BBC Soil Assessment (2018)
- Table 2 Summary of Analytical Results Tetra Tech Additional Soil Assessment (2023)
- Table 3 Summary of Analytical Results Confirmation Sampling

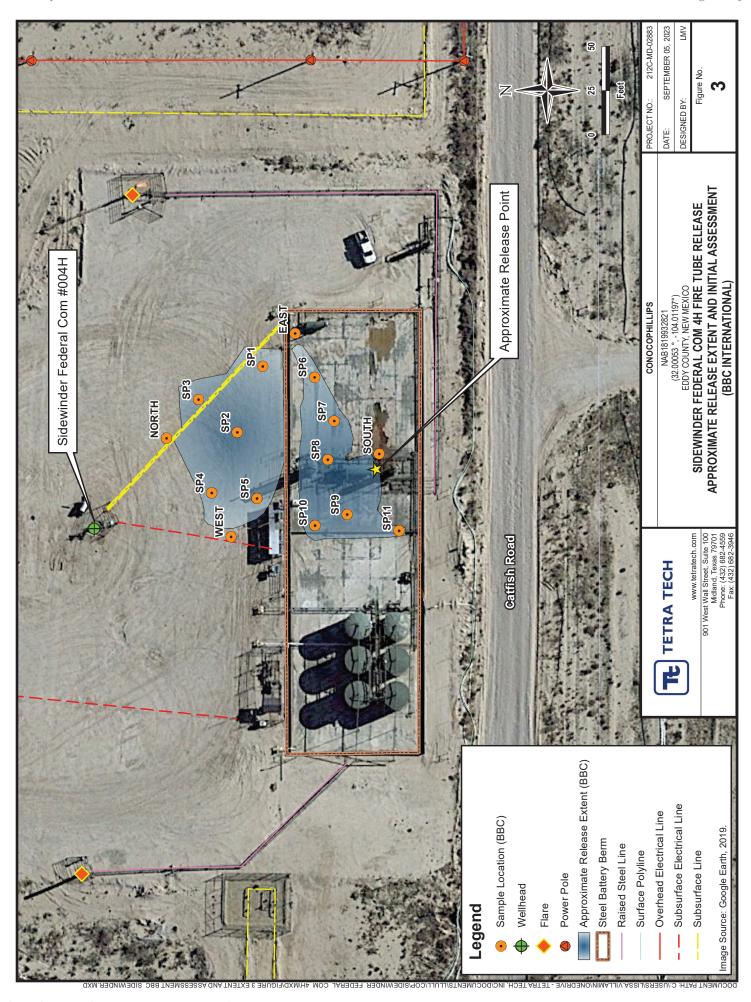
Appendices:

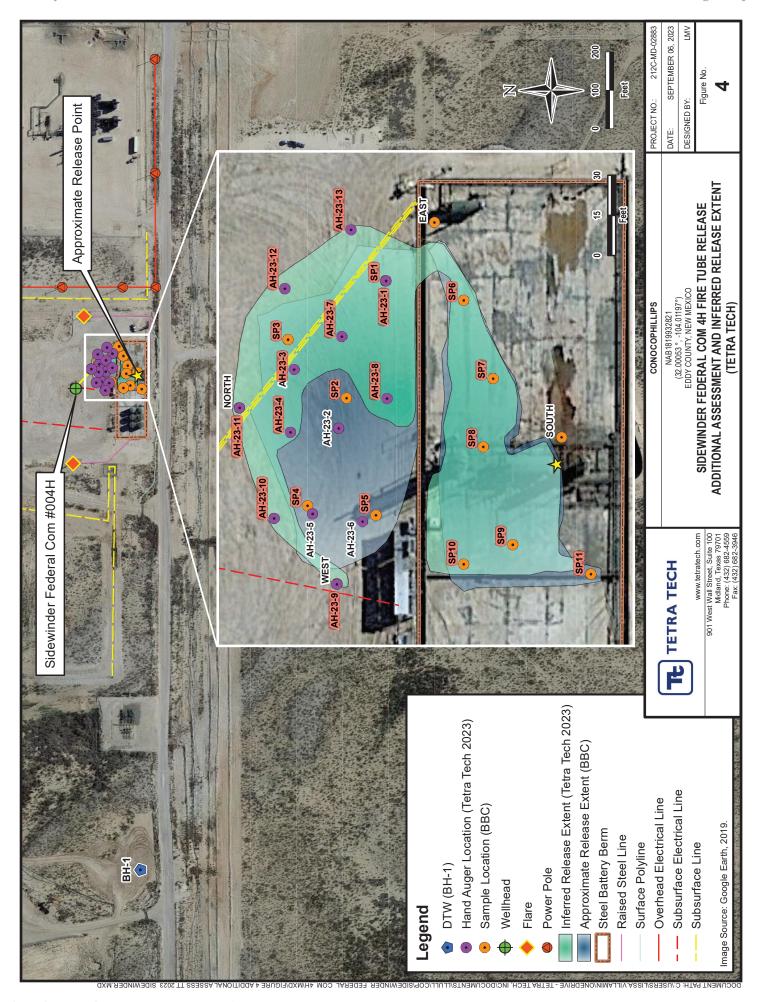
- Appendix A C-141 Forms
- Appendix B Regulatory Correspondence
- Appendix C Site Characterization
- Appendix D Photographic Documentation
- Appendix E Laboratory Analytical Data
- Appendix F Waste Manifests

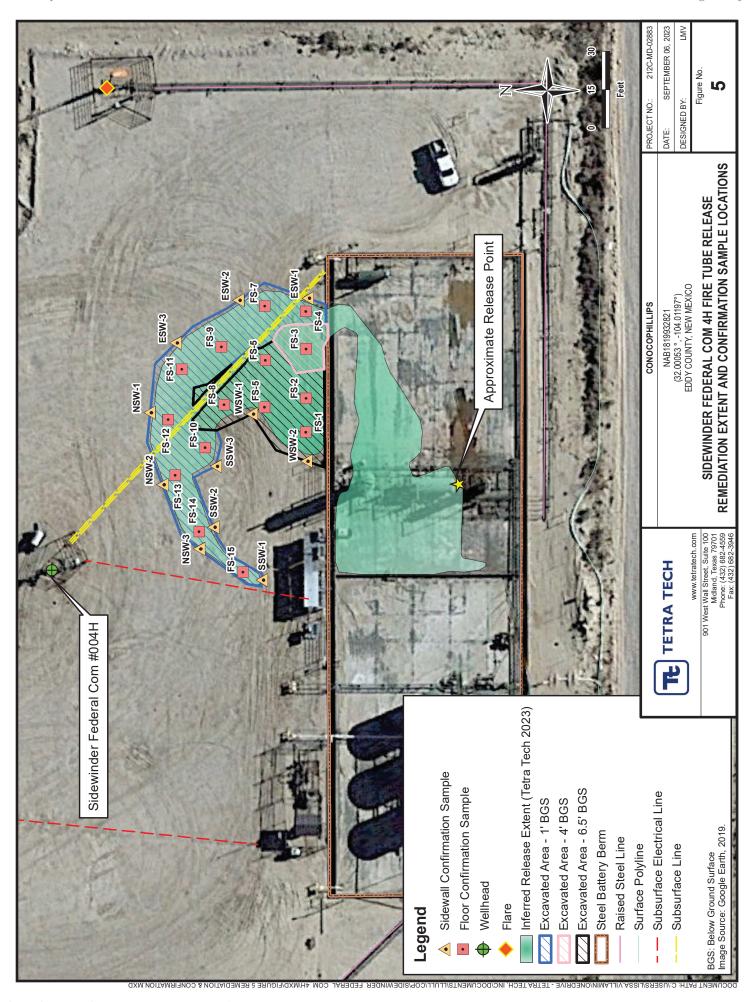
FIGURES

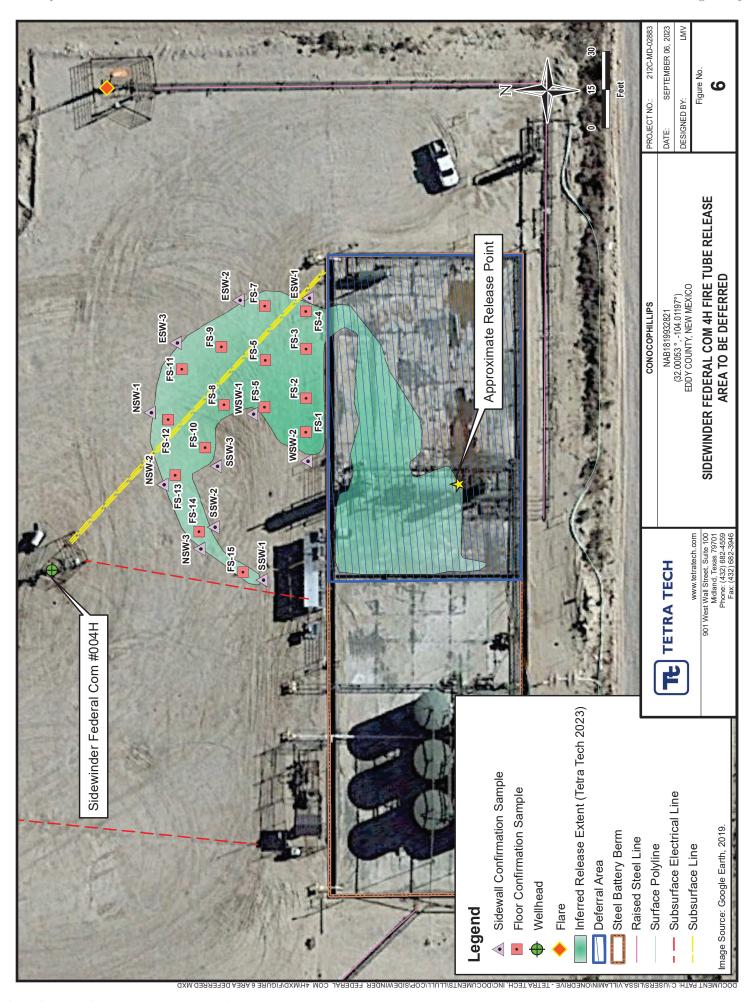












TABLES

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

EDDY COUNTY, NM

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7/26/2018		<0.050	<0.050		<0.050	V	<0.150	<0.300	<10.0	0	<10.0		<10.0		ı
1,25/2018	1,420	NA	NA		NA		NA	NA	NA		NA		NA		-
7/25/2018 SURFACE 20,800 1	640	NA	AN		NA		NA	NA	NA		NA		NA		
SURFACE 20,800	260	NA	A		NA		NA	NA	NA		NA		NA		
7/25/2018 1 6,130	240	NA	NA		NA	H	NA	NA	NA		NA		NA		
7/25/2018	20,800	NA	NA		NA		ΑN	NA	NA		NA		NA		
7/25/2018		<0.050	<0.050		<0.050	V	<0.150	<0.300	<10.0	0	<10.0		<10.0		
7/25/2018 3 1,230 1,230 1,230 2,248 2,248 2,248 2,248 2,2480	2,840	NA	AN		NA		AN	NA	NA		NA		NA		·
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4 848 848	1,220	NA	NA		NA		NA	NA	NA		NA		NA		
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7/26/2018 1.120 1.12	272	NA	AN		NA		AN	AN	NA		NA		NA		
7/26/2018 1 992 192 192 193 193 193 193 193 193 193 194		NA	AN		NA		NA	NA	AN		NA		NA		
7/26/2018 2.0187 ACE 7,330 SURFACE 7,330 SURFACE 7,330 SURFACE 7,330 SURFACE 3,000 SUR		<0.050	<0.050		<0.050	·	:0.150	<0.300	<10.0	0	<10.0		<10.0		-
7/26/2018 1 344 344 340 340 340 340 340 340 340 340	192	NA	AN		NA		AN	NA	NA		NA		NA		1
7/26/2018 1 944		NA	AN		NA		AN	AN	NA		NA		NA		
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7/26/2018 1 4/080 896 896 896 896 896 896 896 896 896 896		NA	NA		NA		NA	NA	NA		NA		NA		-
2 896 3 144 3 144 SURFACE 37,200 7/26/2018 1 3,240 7/26/2018 2 464 3 80.0 7/27/2018 1 3900 7/27/2018 2 960 7/27/2018 1 848		<0.050	<0.050		<0.050	V	<0.150	<0.300	<10.0	0	<10.0		<10.0		
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SUNFACE 37,200 7/26/2018 1 3,240 2 464 3 80.0 7/26/2018 SUNFACE 13,900 0/M-07 7/27/2018 SUNFACE 20,000 1 2464 13,900 14,000 15,000 15,000	144	NA	NA		NA	-	NA	NA	NA	-	NA		NA		
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2 112 NA	112	NA	ΑΝ		NA	\dashv	NA	NA	N	-	NA		NA		

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

Sp 10 Sample Depth C 50 mg/kg C 50 mg/kg TOLAI N/len Res	9.15.29.12 NMAC CI	19.15.29.12 NMAC Closure Criteria for Soils Impacted by a Release	Impacted by a Release	Chlorides ¹	·s1					BTEX ²									TPH3	3		
Sample Date Time Value Chloride Interval (L. Logs) Chloride Interval (L. Logs) Chloride Interval (L. Logs) Total Mark (L. Logs) Chloride Interval (L. Logs)			(≤ 50 ft):	< 600 mg	/kg	< 10 mg/l	g							< 50 mg/	gy	Cac		O		A FV		< 100 mg/kg
Sample Date ft. bgs mg/kg Q			Sample Depth	110				Toluene		Ethylbenze	ene	Total Xyle	seu	T-4-1	,	O S		2		2	,	Total TPH
VATAZOUR FL. BgS OR MB/NG	Sample ID	Sample Date	Interval	Chlorid	บ	penzend								lotal bi	<u> </u>	C6 - C10		> C ₁₀ - C ₂	88	> C ₂₈ - C	36	(GRO+DRO+EXT DRO)
7/27/2018 SURFACE 16,800 NA			ft. bgs	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg
7/27/2018 496 40.050<			SURFACE	16,800		NA		NA		NA		NA		NA		NA		NA		NA		
17/27/2018 SURFACE 13,000 NA NA <td>SP 10</td> <td>7/27/2018</td> <td>1</td> <td>968</td> <td></td> <td><0.050</td> <td></td> <td><0.050</td> <td></td> <td><0.050</td> <td></td> <td><0.150</td> <td></td> <td><0.300</td> <td></td> <td><10.0</td> <td></td> <td><10.0</td> <td></td> <td><10.0</td> <td></td> <td></td>	SP 10	7/27/2018	1	968		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		
7/27/2018 SURFACE 13,000 NA			2	80.0		NA	П	NA	H	NA		NA		NA		NA	H	NA		NA		-
7/27/2018 1 768 4:050 6:050 4			SURFACE	13,000		NA		NA		NA		NA		NA		NA		NA		NA		
7/26/2018 SUFFACE 32.0 NA	SP 11	7/27/2018	1	268		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		
7/26/2018 SURFACE 32.0 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.05			2	0.96		NA		NA		NA		NA		NA		NA		NA		NA		-
7/26/2018 SURFACE 32.0 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.05	NORTH	7/26/2018	SURFACE	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		,
7/26/2018 SURFACE 32.0 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.05	EAST	7/26/2018	SURFACE	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		
7/27/2018 SURFACE 160.0 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050	WEST	7/26/2018	SURFACE	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		
	SOUTH	7/27/2018	SURFACE	160.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		

NOTES:

ft. Feet
bgs Below ground surface
mg/kg Milligrams per kilogram

TPH Total Petroleum Hydrocarbons GRO Gasoline range organics

DRO Diesel range organics

1 Method SM4500Cl-B

2 Method 8021B

3 Method 8015M NA Sample not analyzed for parameter

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

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

Shaded rows indicate intervals proposed for excavation.

QUALIFIERS: QM-07

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

EDDY COUNTY, NM

O CASAILA CA OC TA CA	11-3-3		Chloridae	τ.					DTCV ²								TDU3		
19.15.29.12 NIMAC CI	osure Criteria for soils	19.15.29.12 NIVIAC CIOSUre Criteria for Soils Impacted by a Release	ı			ľ		}	DIEA				1		ľ				
		(≤ 50 ft):	< 600 mg/kg	/kg	< 10 mg/kg	kg						< 50 mg/kg	g/kg	GRO		DRO		EXT DRO	< 100 mg/kg
Sample ID	Sample Date	Sample Depth Interval	Chloride	gı.	Benzene	đi)	Toluene		Ethylbenzene	Tota	Total Xylenes	Total BTEX	зтех	G C ₁₀		> C ₁₀ - C ₂₈		> C ₂₈ - C ₃₆	Total TPH (GRO+DRO+EXT DRO)
		ft. bgs	mg/kg	Ø	mg/kg	Ø	mg/kg	σ	mg/kg Q	mg/kg	ο ο	mg/kg	a	mg/kg	ď	mg/kg	Q	mg/kg Q	mg/kg
	2000) 1/4	0-1	16		<0.050		<0.050		<0.050	<0.150	0	<0.300		<10.0		<10.0		<10.0	
	4/5/2023	1-2	16		<0.050		<0.050		<0.050	<0.150	0	<0.300		<10.0		<10.0	4	<10.0	
AH-23-1		2-3	320		<0.050		<0.050		<0.050	<0.150	0	<0.300		<10.0		<10.0	₽	<10.0	
	4/6/2023	3-4	1280		<0.050		<0.050		<0.050	<0.150	0	<0.300		<10.0		<10.0	4	<10.0	
		4-5	432		<0.050	П	<0.050		<0.050	<0.150		<0.300		<10.0		<10.0	7	<10.0	,
	20001 11 4	0-1	336		<0.050		<0.050		<0.050	<0.150	_	<0.300		<10.0		<10.0	\	<10.0	,
	4/5/2023	1-2	144		<0.050		<0.050		<0.050	<0.150		<0.300		<10.0		<10.0	∇	<10.0	
AH-23-2		2-3	224		<0.050		<0.050		<0.050	<0.150	0	<0.300		<10.0		<10.0	₽	<10.0	
	4/6/2023	3-4	192		<0.050		<0.050		<0.050	<0.150	0	<0.300		<10.0		<10.0	\	<10.0	,
		4-5	144		<0.050		<0.050		<0.050	<0.150		<0.300		<10.0		<10.0	7	<10.0	,
	2000/ 1/4	0-1	48		<0.050		<0.050		<0.050	<0.150	_	<0.300		<10.0		<10.0	4	<10.0	
	4/5/2023	1-2	80		<0.050		<0.050		<0.050	<0.150	0	<0.300		<10.0		<10.0	4	<10.0	
000		2-3	1630		<0.050		<0.050		<0.050	<0.150	0	<0.300		<10.0		<10.0	4	<10.0	
AH-23-3	6000/9/4	3-4	1010		<0.050		<0.050		<0.050	<0.150	0	<0.300		<10.0		<10.0	4	<10.0	
	4/6/2023	4-5	848		<0.050		<0.050		<0.050	<0.150	0	<0.300		<10.0		<10.0	4	<10.0	
		2-6	800		<0.050		<0.050		<0.050	<0.150	0	<0.300		<10.0		<10.0	4	<10.0	
		0-1	480		<0.050		<0.050		<0.050	<0.150	0	<0.300		<10.0		<10.0	4	<10.0	
AH-23-4	4/6/2023	2-3	889		<0.050		<0.050		<0.050	<0.150	0	<0.300		<10.0		<10.0	4	<10.0	
		3-4	80		<0.050	П	<0.050		<0.050	<0.150		<0.300		<10.0		<10.0	\	<10.0	,
		0-1	240		<0.050		<0.050	_	<0.050	<0.150	0	<0.300		<10.0		<10.0	\	<10.0	
AH-23-5	4/6/2023	2-3	256		<0.050		<0.050		<0.050	<0.150	0	<0.300		<10.0		<10.0	<1	<10.0	-
		3-4	304		<0.050		<0.050		<0.050	<0.150	0	<0.300		<10.0		<10.0	\	<10.0	
		0-1	208		<0.050		<0.050		<0.050	<0.150		<0.300		<10.0		<10.0	\	<10.0	
AH-23-6	4/6/2023	2-3	240		<0.050		<0.050		<0.050	<0.150	0	<0.300		<10.0		<10.0	√1	<10.0	
		3-4	240		<0.050		<0.050		<0.050	<0.150		<0.300		<10.0		<10.0	7	<10.0	
		0-1	592		<0.050		<0.050		<0.050	<0.150	٠	<0.300		<10.0		<10.0	4	<10.0	
AH-23-7	4/6/2023	2-3	912		<0.050		<0.050		<0.050	<0.150	0	<0.300		<10.0		<10.0	<1	<10.0	
		3-4	1120		<0.050		<0.050		<0.050	<0.150)	<0.300		<10.0		<10.0	<1>	<10.0	
	4/5/2023	0-1	128		<0.050		<0.050		<0.050	<0.150		<0.300		<10.0		<10.0	<1	<10.0	
		2-3	128		<0.050		<0.050		<0.050	<0.150	0	<0.300		<10.0		<10.0	<1	<10.0	
AH-23-8	4/6/2023	3-4	816		<0.050		<0.050		<0.050	<0.150	0	<0.300		<10.0		<10.0	<1	<10.0	
	5707/6/4	4-5	832		<0.050		<0.050		<0.050	<0.150	0	<0.300		<10.0		<10.0	<1>	<10.0	
		2-6	889		<0.050		<0.050		<0.050	<0.150	0	<0.300		<10.0		<10.0	<1	<10.0	

Page 1 of 2

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

19.15.29.12 NMAC CI	19.15.29.12 NMAC Closure Criteria for Soils Impacted by a Release	Impacted by a Release	Chlorides ¹				BTEX ²						TPH ³	
		(≤ 50 ft):	< 600 mg/kg	< 10 mg/kg					< 50 mg/kg	kg	Cas	OBO	Can	< 100 mg/kg
		Sample Depth	i		To	Toluene	Ethylbenzene	Total Xylenes	i i	,	O S	2	D C C C C C C C C C C C C C C C C C C C	Total TPH
Sample ID	Sample Date	Interval	Culoride	penzene					Iotal BI EX	<u></u>	Ce - C10	> C ₁₀ - C ₂₈	> C ₂₈ - C ₃₆	(GRO+DRO+EXT DRO)
AH-9	4/5/2023	0-1	360	<0.050	<0.050	0	<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	<0.050	<0.150	<0.300		<10.0	805	160	965
AH-11	4/5/2023	0-1	96	<0.050	<0.050	0	<0.050	<0.150	<0.300		<10.0	1140	207	1347
AH-12	4/5/2023	0-1	96	<0.050	<0.050	0	<0.050	<0.150	<0.300		<10.0	716	134	850
AH-13	4/5/2023	0-1	48	<0.050	<0.050	0	<0.050	<0.150	<0.300		<10.0	481	81.7	562.7

NOTES:

Feet

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

mg/kg Milligrams per kilogram Below ground surface pgs

Gasoline range organics Diesel range organics GRO DRO

Total Petroleum Hydrocarbons

TPH

Method SM4500CI-B

Method 8015M Method 8021B

Page 2 of 2

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

EDDY COUNTY, NM

C 10 mm/l kg C 10 mm/l kg<	Soile Impacted	o Bo	(4) (4)	Chlorides ¹					BTEX ²								TPH ³	3		
Market Market	13.13.12.12.12.14.14.1.1.1.1.1.1.1.1.1.1.1.1.		< 600 mg/k ₁		2	< 10 mg/kg							< 50 mg/kg							< 100 mg/kg
Q mg/kg Q rank/kg Q rank/kg Q rank/kg Q rank/kg Q mg/kg Q	Sample Depth Results Chloride					Benzene	Toluene		Ethylbenzer	e.	Total Xylenes	s	Total BTEX	٠ -	õ	DRO		EXT DRO	3	Total TPH
4 0 mg/kg Q G Q	Chlorides	Chlorides												ر ر	. C ₁₀	> C ₁₀ - C	28	> C ₂₈ - C ₃₆		
4 (0.056) 40,050 40,150 60,300 60,300 60,300 60,0	ft. bgs ppm mg/kg Q	mg/kg		ø	Ĺ		mg/kg	σ	mg/kg	Q					σ	mg/kg	Ø	mg/kg	σ	mg/kg
40050 40150 40150 40150 40150 40150 40150 40150 40150 40150 40100 <th< td=""><td>0.08</td><td>80.0</td><td>0.08</td><td></td><td>Ľ</td><td>0.050</td><td><0.050</td><td></td><td><0.050</td><td></td><td><0.150</td><td>0></td><td>.300</td><td><10.0</td><td></td><td><10.0</td><td></td><td><10.0</td><td></td><td></td></th<>	0.08	80.0	0.08		Ľ	0.050	<0.050		<0.050		<0.150	0>	.300	<10.0		<10.0		<10.0		
40050 40150 40150 40150 40150 40150 40100 <th< td=""><td>6.5 80.0</td><td>0.08</td><td>80.0</td><td></td><td>ľ</td><td>0.050</td><td><0.050</td><td></td><td><0.050</td><td></td><td><0.150</td><td>0></td><td>.300</td><td><10.0</td><td></td><td><10.0</td><td></td><td><10.0</td><td></td><td>-</td></th<>	6.5 80.0	0.08	80.0		ľ	0.050	<0.050		<0.050		<0.150	0>	.300	<10.0		<10.0		<10.0		-
40050 40,050 40,150 40,130 40,130 40,100 </td <td>4 96.0</td> <td>0.96</td> <td>0.96</td> <td></td> <td>ľ</td> <td>0.050</td> <td><0.050</td> <td></td> <td><0.050</td> <td></td> <td><0.150</td> <td>0></td> <td>.300</td> <td><10.0</td> <td></td> <td><10.0</td> <td></td> <td><10.0</td> <td></td> <td>-</td>	4 96.0	0.96	0.96		ľ	0.050	<0.050		<0.050		<0.150	0>	.300	<10.0		<10.0		<10.0		-
40050 40150 40150 40150 40150 40100 4100	1 80.0	80.0	80.0		٧	0.050	<0.050		<0.050		<0.150	0>	.300	<10.0		<10.0		<10.0		-
(40,050) (40,050) (40,150)	6.5 64.0	64.0	64.0		٧	0.050	<0.050		<0.050		<0.150	0>	.300	<10.0		<10.0		<10.0		-
(40,050) (40,050) (40,100) (40,100)	6.5 32.0	32.0	32.0		· ·	0.050	<0.050		<0.050		<0.150	0>	.300	<10.0		<10.0		<10.0		-
(40,050) (40,050) (40,100) (40,100)	1 48.0	48.0	48.0		٧	0.050	<0.050		<0.050		<0.150	0>	.300	<10.0		<10.0		<10.0		-
40050 40050 40150 40300 40100 <th< td=""><td>6.5 64.0</td><td>64.0</td><td>64.0</td><td></td><td>ľ</td><td>0.050</td><td><0.050</td><td></td><td><0.050</td><td></td><td><0.150</td><td>0></td><td>.300</td><td><10.0</td><td></td><td><10.0</td><td></td><td><10.0</td><td></td><td>-</td></th<>	6.5 64.0	64.0	64.0		ľ	0.050	<0.050		<0.050		<0.150	0>	.300	<10.0		<10.0		<10.0		-
(40,050) (40,050) (40,150)	1 16.0	16.0	16.0		٧.	0.050	<0.050		<0.050		<0.150	0>	.300	<10.0		<10.0		<10.0		-
(40,050) (40,050) (40,150) (40,300) (40,000)	1 48.0					0.050	<0.050		<0.050		<0.150	0>	.300	<10.0		<10.0		<10.0		-
<0.050 40.050 40.150 40.300 40.00	1 48.0			v		0.050	<0.050		<0.050		<0.150	0>	.300	<10.0		<10.0		<10.0		-
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Page 1 of 1

Total Petroleum Hydrocarbons mg/kg Milligrams per kilogram Gasoline range organics

TPH. GRO DRO

Diesel range organics Method SM4500CI-B Method 8021B Method 8015M

bgs Below ground surface

Feet

APPENDIX A C-141 Forms

JUL 1 7 2018

RECEIVED

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
Form C-141
Energy Minerals and Natural Resources DISTRICT II-ARTESIA O.C.D. Revised April 3, 2017

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

E 32 26S 29E 1,970 North Latitude 32.0007825 Longitude -104.0 NATURE OF RELEA Volume of Re Oil & Produced Water Oil & Produced Water Source of Release Fire tube failure Value 32.0007825 Longitude -104.0 NATURE OF RELEA Volume of Re 15 bbl. — Date and Hou July 16, 2018 Was Immediate Notice Given? Yes \(\sqrt{N} \) No \(\sqrt{N} \) Not Required Mike Bratche Shelly Tucker	API No. 30-015-44192 EASE Feet from the 950 West Cine County Eddy 0122515 NAD83 ASE elease bbl Oil 0.75 bbl Oil 13 bbl Produced Water ur of Occurrence 15:30am July 16, 2018 5:30am Vhom? er - NMOCD
Facility Name: Sidewinder Federal Com #004H Surface Owner: Private Mineral Owner: Federal LOCATION OF RELE LOCATION OF RELE Unit Letter Section 32 26S 29E 1,970 North Latitude 32.0007825 Longitude -104.0 NATURE OF RELEA Type of Release Oil & Produced Water Source of Release Fire tube failure Value of Required Was Immediate Notice Given? Yes No Not Required Mineral Owner: Federal North North/South Line In North Nort	API No. 30-015-44192 EASE Feet from the 950 West Line County Eddy 0122515 NAD83 ASE elease Volume Recovered 0.75 bbl Oil 1.3 bbl Produced Water 1.3 bbl Produced
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Source of Release Date and Hou July 16, 2018 Was Immediate Notice Given? If YES, To W Mike Bratche Shelly Tucker	Produced Water ur of Occurrence 3 5:30am Uhom? Produced Water Date and Hour of Discovery July 16, 2018 5:30am Uhom? Produced Water Date and Hour of Discovery July 16, 2018 5:30am Uhom? Produced Water
Source of Release Fire tube failure Was Immediate Notice Given? Yes No Not Required Date and Hou July 16, 2018 If YES, To W Mike Bratche Shelly Tucker	Date and Hour of Discovery 3 5:30am Vhom? er – NMOCD er – BLM
Was Immediate Notice Given? ☐ Yes ☐ No ☐ Not Required ☐ Mike Bratche Shelly Tucker	Vhom? er – NMOCD er – BLM
	er – NMOCD er – BLM
by whom: DeAnn Grant Date and Hou	1:08pm – Ms. Tucker
Was a Watercourse Reached?	ime Impacting the Watercourse.
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 f	fire.)
Describe Area Affected and Cleanup Action Taken.*	
The release was on location. A vacuum truck was dispatched to remove all freestanding fl possible impact from the release and we will present a remediation work plan to the NMO	luids. Concho will have the spill area sampled to delineate any OCD 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 kn regulations all operators are required to report and/or file certain release notifications and public health or the environment. The acceptance of a C-141 report by the NMOCD mark should their operations have failed to adequately investigate and remediate contamination or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve to federal, state, or local laws and/or regulations.	perform corrective actions for releases which may endanger ked as "Final Report" does not relieve the operator of liability to that pose a threat to ground water, surface water, human healt
Signature: Deann Organt	OIL CONSERVATION DIVISION
Printed Name: DeAnn Grant V Approved by Er	nvironmental Specialist:
Title: HSE Administrative Assistant Approval Date:	7/17/18 Expiration Date: NIA
E-mail Address: agrant@concho.com Conditions of A Date: July 16, 2018 Phone: (432) 253-4513	See attached Attached Attached 2724863

Operator/Responsible Party,

The OCD has received the form C-141 you provided on <u>VUIY 17,2018</u> regarding an unauthorized release. The information contained on that form has been entered into our incident database and remediation case number <u>ARIA3</u> 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 <u>division-approved corrective action</u> 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]

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.

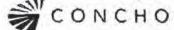
Thank you,

DeArm 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 <agrant@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,

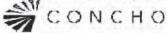
I'm sorry, I just noticed I did not include you on the notification below.

Thank you,

DeAnn Grant

HSE Administrative Assistant agrant@concho.com

600 W Illinois Avenue | Midland, TX 79701 Direct: 432-253-4513 | Main: 432.683.7443



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

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:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	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

e of New Mexico

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.

	(ft bgs) Tes ✓ No
	es 🗸 No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant.	
watercourse?	es 🗸 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)?	es ✓ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	es 🗸 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?	es 🗸 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	es 🗸 No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	es 🗸 No
Are the lateral extents of the release within 300 feet of a wetland?	es 🗸 No
Are the lateral extents of the release overlying a subsurface mine?	es 🗸 No
Are the lateral extents of the release overlying an unstable area such as karst geology?	es 🗸 No
Are the lateral extents of the release within a 100-year floodplain?	es 🗸 No
Did the release impact areas not on an exploration, development, production, or storage site?	es 🗸 No
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical excontamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	xtents of soil
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 	

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.

✓ Laboratory data including chain of custody

✓ Topographic/Aerial maps

Received by OCD: 9/15/2023 2:02:30 PM Form C-141 State of New Mexico Oil Conservation Division Page 4

	Page .	28	oj	130
t ID	NAB1819932821			
				_

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 Tavarez	Title: Program Manager, Remediation	
Signature: 7478	Date: 9/15/2023	
email: lke.Tavarez@conocophillips.com	Telephone: 432-685-2573	
OCD Only		
Received by:	Date:	

Mexico Page 29 of 158

Incident ID	NAB1819932821
District RP	2RP-4863
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: Each of the following items must b	e 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 con	afirmad as part of any request for deferred of remadiation	
Deterral Requests Only: Each of the following tiems must be con-	istrmed 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: NATS	Date: 9/15/2023	
email: lke.Tavarez@conocophillips.com	Telephone: 432-685-2573	
OCD O. I		
OCD Only		
Received by:	Date:	
☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved		
Signature: Hall	Date: 9/19/2023	

Page 30 of 158

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			
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and rehuman health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regular restore, reclaim, and re-vegetate the impacted surface area to the coaccordance with 19.15.29.13 NMAC including notification with 19.15	ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in OCD when reclamation and re-vegetation are complete.		
	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@tetratech.com>

Sent: Tuesday, March 21, 2023 2:11 PM

To: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov> **Cc:** Poole, Nicholas <NICHOLAS.POOLE@tetratech.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@tetratech.com

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

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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

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

 \bigwedge

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@tetratech.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@tetratech.com

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

(In feet)

o ,										,			
	POD												
	Sub-		QQ	Q							Depth	Depth	Water
POD Number	Code basin Co	ounty (64 16	4	Sec	Tws	Rng	Х	Υ	Distance	-	-	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:

(NAD83 UTM in meters)

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

OCD Karst Potential Map



0.19 mi 1:4,514 0.1 0.07 0.05

Maxar, NM OSE, BLM

of 12306

New Mexico Oil Conservation Division

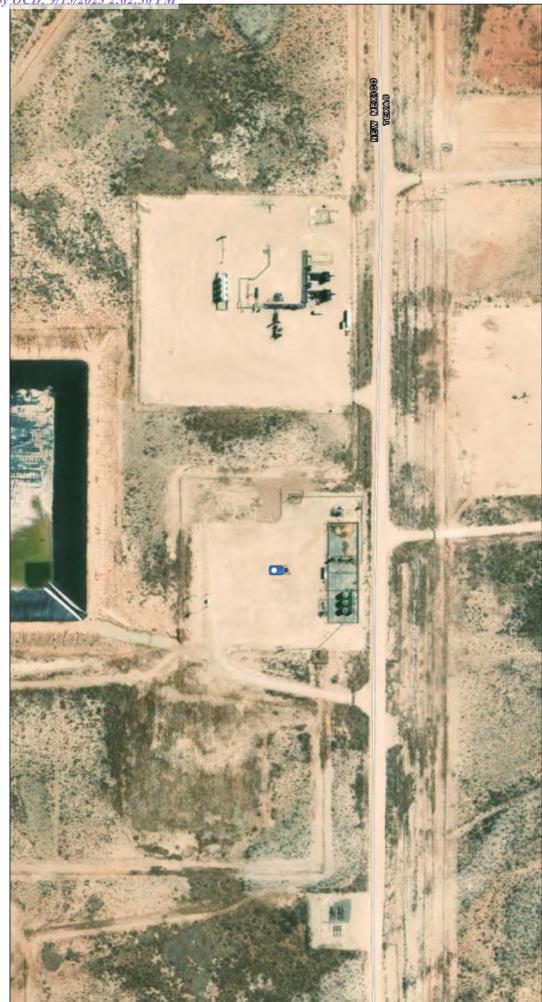
128 BLM, OCD, New Mexico Tech, Esri, HERE, Garmin, iPC, Maxar, NM OSE, BLM

Karst Occurrence Potential 4/11/2023, 8:41:43 AM

PLSS Second Division Medium

PLSS First Division

Released to Imaging: 9/19/2023 8:08:27 AM



0.09 mi 1:2,257 0.04 0.07 0.02

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

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

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

0.04 mi

1:1,128 0.02

0.01

0

OCD Mineral and Surface Ownership Map



Mineral Ownership

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

Land Ownership

NM OCD Oil and Gas Map. http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2306164de29fd2fb9f8f35ca75; New Mexico Oil Conservation Division -0

APPENDIX D Photographic Documentation



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



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



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



TETRA TECH, INC.	DESCRIPTION	View Northwest. Southeast corner of well pad. No obvious signs of staining and/or residual impact.	4
PROJECT NO. 212C-MD-02883	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.	DESCRIPTION	Subsurface utilities running from the well head to the northeast corner of the containment.	6
PROJECT NO. 212C-MD-02883	SITE NAME	ConocoPhillips Sidewinder Federal Com #004H	8/30/2023



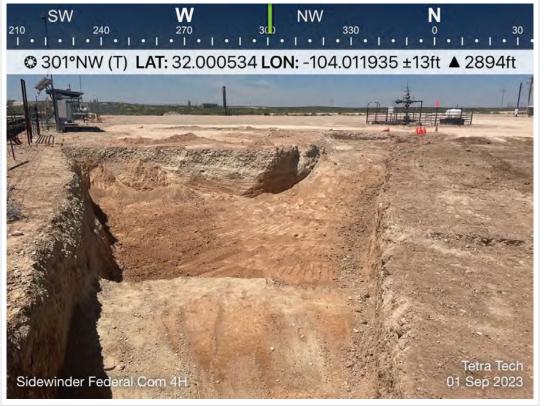
TETRA TECH, INC.	DESCRIPTION	View southwest. Excavated area, 1 to 4-foot bgs.	7
PROJECT NO. 212C-MD-02883	SITE NAME	ConocoPhillips Sidewinder Federal Com #004H	8/29/2023



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



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



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



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



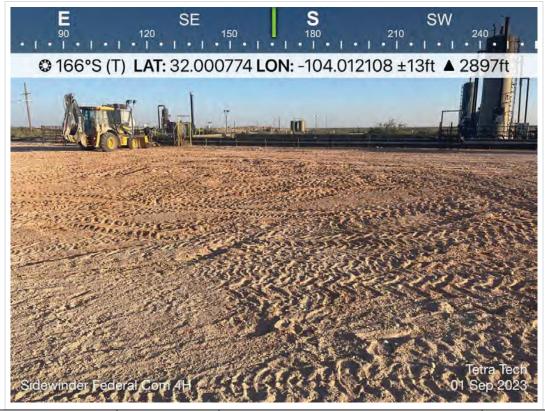
TETRA TECH, INC. PROJECT NO.	DESCRIPTION	View southeast. Excavated area, 4-foot bgs.	12
212C-MD-02883	SITE NAME	ConocoPhillips Sidewinder Federal Com #004H	9/1/2023



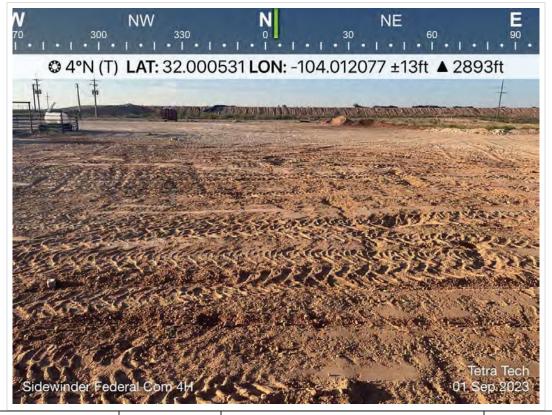
TETRA TECH, INC. PROJECT NO. 212C-MD-02883	DESCRIPTION	View northwest. Excavated area, 4 to 6.5-foot bgs.	13
	SITE NAME	ConocoPhillips Sidewinder Federal Com #004H	9/1/2023



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



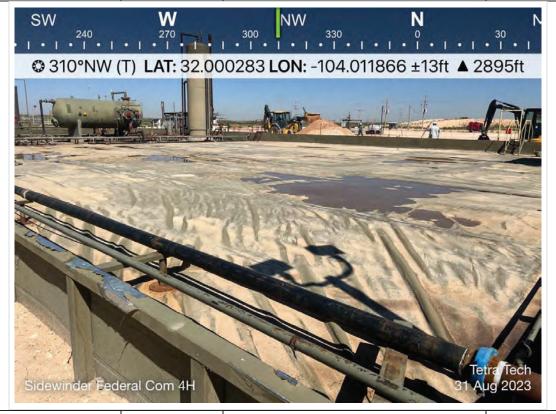
TETRA TECH, INC.	DESCRIPTION	View south. Remediated and backfilled area.	15
PROJECT NO. 212C-MD-02883	SITE NAME	ConocoPhillips Sidewinder Federal Com #004H	9/1/2023



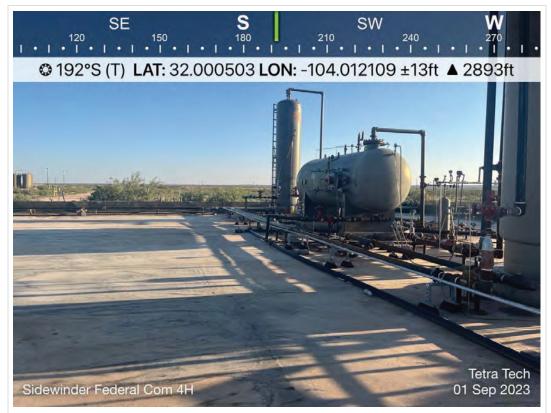
TETRA TECH, INC. PROJECT NO.	DESCRIPTION	View north. Remediated and backfilled area.	16
212C-MD-02883	SITE NAME	ConocoPhillips Sidewinder Federal Com #004H	9/1/2023



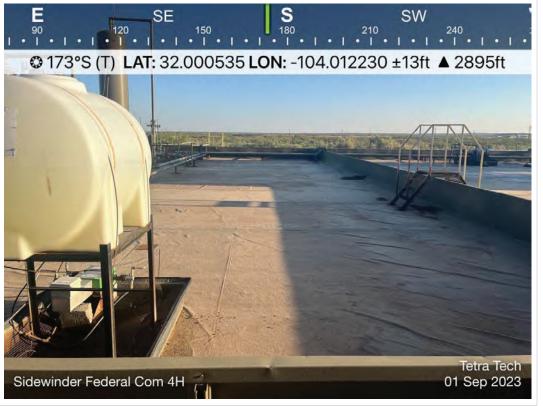
TETRA TECH, INC. PROJECT NO. 212C-MD-02883	DESCRIPTION	View north. Liner integrity intact, no visible tears.	17
	SITE NAME	ConocoPhillips Sidewinder Federal Com #004H	8/31/2023



TETRA TECH, INC. PROJECT NO.	DESCRIPTION	View northwest. Liner integrity intact, no visible tears.	18
212C-MD-02883	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.	DESCRIPTION	View south. Liner integrity intact, no visible tears.	20
PROJECT NO. 212C-MD-02883	SITE NAME	ConocoPhillips Sidewinder Federal Com #004H	9/1/2023

APPENDIX E Laboratory Analytical Data



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/ga/lab accred certif.html.

Cardinal Laboratories is accreditated 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)

Celey D. Keene

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Project Name: SIDEWINDER FEDERAL COM 4H RELEAS Sampling Condition: Cool & Intact
Project Number: 212C-MD-02883 Sample Received By: Tamara Oldaker

Applymed By MC

Project Location: COP-EDDY COUNTY, NEW MEXICO

ma/ka

Sample ID: FS - 1 (H234711-01)

DTEV 0021D

BTEX 8021B	mg/	kg	Analyze	d 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 9	% 71.5-13	4						
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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.6	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



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

Analyzed By: MS

Project Location: COP-EDDY COUNTY, NEW MEXICO

mg/kg

Sample ID: FS - 2 (H234711-02)

BTEX 8021B

DILX GOZID	ilig	, kg	Allulyzo	u by. 1-15					
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	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.0	% 49.1-14	8						

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Celey D. Keens



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

Analyzed By: MS

Project Location: COP-EDDY COUNTY, NEW MEXICO

mg/kg

Sample ID: FS - 3 (H234711-03)

BTEX 8021B

DILX GOZID	ilig	, kg	Allulyzo	u by. 1-15					
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	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113	% 49.1-14	8						

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Celey D. Keene



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

Analyzed By: MS

Project Location: COP-EDDY COUNTY, NEW MEXICO

mg/kg

Sample ID: FS - 4 (H234711-04)

BTEX 8021B

	9/	9	7	7: : : :					
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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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Celey D. Keene



08/29/2023

Analytical Results For:

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

(432) 682-3946

Received: 08/30/2023 Sampling Date:

Reported: Sampling Type: Soil 08/31/2023

Fax To:

Project Name: SIDEWINDER FEDERAL COM 4H RELEAS Sampling Condition: Cool & Intact Project Number: Sample Received By: 212C-MD-02883 Tamara Oldaker

Project Location: COP-EDDY COUNTY, NEW MEXICO

Sample ID: FS - 5 (H234711-05)

BTEX 8021B	mg/	'kg	Analyze	d 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 9	% 71.5-13	4						
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	400	100	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.3	% 49.1-14	8						

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Celey D. Keine



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: Sampling Type: Soil 08/31/2023

Project Name: SIDEWINDER FEDERAL COM 4H RELEAS Sampling Condition: Cool & Intact Project Number: Sample Received By: 212C-MD-02883 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 5	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	% 49.1-14	8						

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Celey D. Keine



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: Sampling Type: Soil 08/31/2023

Project Name: SIDEWINDER FEDERAL COM 4H RELEAS Sampling Condition: Cool & Intact Sample Received By: Project Number: 212C-MD-02883 Tamara Oldaker

Project Location: COP-EDDY COUNTY, NEW MEXICO

Sample ID: FS - 7 (H234711-07)

BTEX 8021B	mg,	'kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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Celey D. Keene



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

Analyzed By: MC

Project Location: COP-EDDY COUNTY, NEW MEXICO

ma/ka

Sample ID: FS - 8 (H234711-08)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a 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	% 71.5-13	4						
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	400	100	400	0.00	
TPH 8015M	mg	/kg	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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Celey D. Keine



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

Analyzed By: MC

Project Location: COP-EDDY COUNTY, NEW MEXICO

ma/ka

Sample ID: FS - 9 (H234711-09)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: м5					
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	% 71.5-13	4						
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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 49.1-14	8						

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Celey D. Keine



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

Analyzed By: MC

Project Location: COP-EDDY COUNTY, NEW MEXICO

ma/ka

Sample ID: FS - 10 (H234711-10)

RTFY 8021R

B1EX 8021B	mg,	/ Kg	Anaiyze	a 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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 5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116	% 49.1-14	8						

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Celey D. Kreine



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

Analyzed By: MC

Project Location: COP-EDDY COUNTY, NEW MEXICO

ma/ka

Sample ID: FS - 11 (H234711-11)

RTFY 8021R

B1EX 8021B	mg,	кg	Anaiyze	а ву: мѕ					
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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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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: Sampling Type: Soil 08/31/2023

Project Name: SIDEWINDER FEDERAL COM 4H RELEAS Sampling Condition: Cool & Intact Project Number: Sample Received By: 212C-MD-02883 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	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Fax To: (432) 682-3946

(10-) 33- 33

ma/ka

 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

Analyzed By: MC

Project Location: COP-EDDY COUNTY, NEW MEXICO

Sample ID: FS - 13 (H234711-13)

RTFY 8021R

B1EX 8021B	mg,	кg	Апатуге	а ву: мѕ					
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 49.1-14	8						

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Celey D. Keene



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: Sampling Type: Soil 08/31/2023

Project Name: SIDEWINDER FEDERAL COM 4H RELEAS Sampling Condition: Cool & Intact Project Number: Sample Received By: 212C-MD-02883 Tamara Oldaker

Project Location: COP-EDDY COUNTY, NEW MEXICO

Sample ID: FS - 14 (H234711-14)

BTEX 8021B	mg/	'kg	Analyze	d 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 5	% 71.5-13	4						
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	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	124 9	% 49.1-14	8						

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Celey D. Keene



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

Analyzed By: MS

Project Location: COP-EDDY COUNTY, NEW MEXICO

mg/kg

Sample ID: FS - 15 (H234711-15)

BTEX 8021B

	9/	9	7	7: : : :					
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	125	% 49.1-14	8						

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Celey D. Keene



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: Sampling Type: Soil 08/31/2023

Project Name: SIDEWINDER FEDERAL COM 4H RELEAS Sampling Condition: Cool & Intact Project Number: Sample Received By: 212C-MD-02883 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 9	71.5-13	4						
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	Analyze	d 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 %	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	134 9	49.1-14	8						

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Celey D. Keene



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: Sampling Type: Soil 08/31/2023

Project Name: SIDEWINDER FEDERAL COM 4H RELEAS Sampling Condition: Cool & Intact Project Number: Sample Received By: 212C-MD-02883 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 9	71.5-13	4						
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	Analyze	d 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 9	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	137 9	49.1-14	8						

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Celey D. Keene



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: Sampling Type: Soil 08/31/2023

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	% 71.5-13	4						
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	32.0 16.0 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 %	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	135 9	% 49.1-14	8						

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Celecy D. Keene



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

Analyzed By: MC

Project Location: COP-EDDY COUNTY, NEW MEXICO

ma/ka

Sample ID: ESW - 1 (H234711-19)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	139	% 49.1-14	8						

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Celey D. Keine



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

Analyzed By: MC

Project Location: COP-EDDY COUNTY, NEW MEXICO

ma/ka

Sample ID: ESW - 2 (H234711-20)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	126	% 49.1-14	8						

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Celey D. Keene



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

Analyzed By: MC

Project Location: COP-EDDY COUNTY, NEW MEXICO

ma/ka

Sample ID: ESW - 3 (H234711-21)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	144	% 49.1-14	8						

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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

Analyzed By: MC

Project Location: COP-EDDY COUNTY, NEW MEXICO

ma/ka

Sample ID: SSW - 1 (H234711-22)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	139	% 49.1-14	8						

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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

Analyzed By: MC

Project Location: COP-EDDY COUNTY, NEW MEXICO

ma/ka

Sample ID: SSW - 2 (H234711-23)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Celey D. Keine



08/29/2023

Analytical Results For:

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

(432) 682-3946

Received: 08/30/2023 Sampling Date:

Reported: 08/31/2023 Sampling Type: Soil

Fax To:

Project Name: SIDEWINDER FEDERAL COM 4H RELEAS Sampling Condition: Cool & Intact
Project Number: 212C-MD-02883 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: COP-EDDY COUNTY, NEW MEXICO

ma/ka

Sample ID: SSW - 3 (H234711-24)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114	% 49.1-14	8						

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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: Sampling Type: Soil 08/31/2023

Project Name: SIDEWINDER FEDERAL COM 4H RELEAS Sampling Condition: Cool & Intact Sample Received By: Project Number: 212C-MD-02883 Tamara Oldaker

Project Location: COP-EDDY COUNTY, NEW MEXICO

Sample ID: WSW - 1 (H234711-25)

BTEX 8021B	mg/	/kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	126	% 49.1-14	8						

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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: Sampling Type: Soil 08/31/2023

Project Name: SIDEWINDER FEDERAL COM 4H RELEAS Sampling Condition: Cool & Intact Sample Received By: Project Number: 212C-MD-02883 Tamara Oldaker

Project Location: COP-EDDY COUNTY, NEW MEXICO

Sample ID: WSW - 2 (H234711-26)

BTEX 8021B	mg/	'kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109 9	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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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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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

· Craston Lad	ect Manager:
Conoco Phychips	pany Name:
101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	
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(575) 393-23:	(575) 393-2326 FAX (575) 393-2476	76			
Company Name: CON 040	Phychips		BILL TO	ANALYSI	ANALYSIS REQUEST
Project Manager: Chaston	on itual		P.O. #:		
Address:			Company: Fotice For	\$	
City:	State:	Zip:	Attn: Christier 424	Tied	
Phone #:	Fax #:		Address:		
Project #: 2126-MO-02883	83 Project Owner:		City:		
	Frideral	HH mos	State: Zip:	707	
ĭ			Phone #:	79	
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FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING		
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Relinquished By: Am elvery Gov you	mance of	Services hereunder by Cardinal, regardless of whether such claims is based upon any of the above sainty installation of the property of the above sainty installation in the above sainty in the above sai	Maddy Commence of the supple o	Verbal Results are emailed. Please provide Email address: All Results are emailed. Please provide Email address: Christian Luw etctatech.	e#: dress:
Relinquished By:		Received By:	7	Ni cholas. Poole e T	Tetratechieson
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C	Sample Condition Cool Intact Ares Tres	CHECKED BY:	Turnaround Time: Standard Bact ### Rush Thermometer D ### 2+ MR BY	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Yes Yes

Sampler - UPS - Bus - Other: Delivered By: (Circle One)

Corrected Temp. °C Observed Temp. °C

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

(Initials)

Ni cholas. Poole

e Tetratechicon Bacteria (only) Sample Condition Cool Intact Observed Temp.

Observed Temp. °C Corrected Temp. °C

Standard Rush

Time:

101 East Marland, Hobbs, NM 88240 oratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Conoco Plyndinos	CONSCIO PMANIOS	****	BILL TO			ANAI YSIS	REQUEST	1
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Andrew Garcia	Time:	Manuel	Mahalen	Chrishan	_ <u>T</u>	Please provide Email address:	*:	
elinquished By:	Date:	Received By:	Change of	REMARKS:				

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

MATRIX	Zip: Zip: MATRIX MATRIX	Zip: Zip: Attn: C/V Address: City: Address: Phone #: Pax #: MATRIX PRESE	BILL TO P.O. #: Company: 下でなっていん Attn: じかんちゃっ 以っぱ Address: City: City: State: Zip: Phone #: Fax #: Fax #: PRESERV. SAMPLING
MATRIX	WATER II	P.O. #: Company: Toka Tach Attn: Christer Und Address: City: State: Zip: Phone #: Fax #: PRESERV. SAMPLING	P.O. #: Company: Tcha Tch Attn: Chystc ~ U ~ U Address: City: State: Zip: Phone #: Fax #: PRESERV! SAMPLING
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TPH Chloride 4500		ANALYSIS F	
TPH Chloride 4500		ANALYSIS REQUEST	EQUEST



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/ga/lab accred certif.html.

Cardinal Laboratories is accreditated 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.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115 9	% 49.1-14	8						

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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: Sampling Type: Soil 04/13/2023

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	Analyze	d 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 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

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Celey D. Keine



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: Sampling Type: Soil 04/13/2023

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)

BTEX 8021B	mg/	kg	Analyze	d 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	106 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.0	% 49.1-14	8						

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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: Sampling Type: Soil 04/13/2023

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	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118 9	% 49.1-14	8						

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Celey D. Keine



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: Sampling Type: Soil 04/13/2023

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	Analyze	d 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 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.6	% 49.1-14	8						

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Celey D. Keene



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: Sampling Type: Soil 04/13/2023

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 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d 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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	131 9	% 49.1-14	8						

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Celey D. Keine



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

Applyzed By: 1H /

Project Location: COP-EDDY COUNTY, NEW MEXICO

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

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 49.1-14	8						

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Celey D. Keine



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: Sampling Type: Soil 04/13/2023

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	Analyze	d 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 9	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	8						

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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)

BTEX 8021B	mg	/kg	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.1	% 49.1-14	8						

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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

Applyzod By: 1H /

Project Location: COP-EDDY COUNTY, NEW MEXICO

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

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.8	% 49.1-14	8						

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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

Applyzod By: 1H /

Project Location: COP-EDDY COUNTY, NEW MEXICO

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

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.8	% 49.1-14	8						

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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

Applyzod By: 1H /

Project Location: COP-EDDY COUNTY, NEW MEXICO

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

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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Celey D. Keene



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: Sampling Type: Soil 04/13/2023

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	Analyze	d 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 9	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	127 9	% 49.1-14	8						

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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

Applyzed By: 1H /

Project Location: COP-EDDY COUNTY, NEW MEXICO

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

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 49.1-14	8						

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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: Sampling Type: Soil 04/13/2023

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	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500CI-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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	% 49.1-14	8						

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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: Sampling Type: Soil 04/13/2023

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	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500CI-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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119 9	% 49.1-14	8						

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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: Sampling Type: Soil 04/13/2023

Project Name: SIDEWINDER FEDERAL COM 4H RELEAS Sampling Condition: Cool & Intact Project Number: Tamara Oldaker 212C-MD-02883 Sample Received By:

Project Location: COP-EDDY COUNTY, NEW MEXICO

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

BTEX 8021B	mg/kg		Analyze	d 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 5	% 71.5-13	4						
Chloride, SM4500CI-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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

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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: Sampling Type: Soil 04/13/2023

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	Analyze	d 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 9	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	% 49.1-14	8						

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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: Sampling Type: Soil 04/13/2023

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	Analyze	d 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 5	% 71.5-13	4						
Chloride, SM4500CI-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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.3	% 49.1-14	8						

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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: Sampling Type: Soil 04/13/2023

Project Name: SIDEWINDER FEDERAL COM 4H RELEAS Sampling Condition: Cool & Intact Project Number: Tamara Oldaker 212C-MD-02883 Sample Received By:

Project Location: COP-EDDY COUNTY, NEW MEXICO

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

BTEX 8021B	mg/kg		Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9	% 49.1-14	8						

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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

Applyzed By: 1H /

Project Location: COP-EDDY COUNTY, NEW MEXICO

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

RTFY 8021R

BIEX 8021B	тд/кд		Anaiyze	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	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.2	% 49.1-14	8						

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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: Sampling Type: Soil 04/13/2023

Project Name: SIDEWINDER FEDERAL COM 4H RELEAS Sampling Condition: Cool & Intact Project Number: Tamara Oldaker 212C-MD-02883 Sample Received By:

Project Location: COP-EDDY COUNTY, NEW MEXICO

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

BTEX 8021B	mg/kg		Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500CI-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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.9	% 49.1-14	8						

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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: Sampling Type: Soil 04/13/2023

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		Analyze	d 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 9	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.6	% 49.1-14	8						

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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

Applyzed By: 1H /

Project Location: COP-EDDY COUNTY, NEW MEXICO

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

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.0	% 49.1-14	8						

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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: Sampling Type: Soil 04/13/2023

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 9	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.4	% 49.1-14	8						

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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

Applyzod By: 1H /

Project Location: COP-EDDY COUNTY, NEW MEXICO

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

RTFY 8021R

BIEX 8021B	mg/	кд	Anaiyze	ea 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	ed 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	Analyze	ed 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121 9	% 49.1-14	8						
surroguie. 1-Chioroocidaecane	121 7	0 49.1-14	O						

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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: Sampling Type: Soil 04/13/2023

Project Name: SIDEWINDER FEDERAL COM 4H RELEAS Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 212C-MD-02883 Sample Received By:

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 9	% 71.5-13	4						
Chloride, SM4500CI-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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.8	% 49.1-14	8						

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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: Sampling Type: Soil 04/13/2023

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	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500CI-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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.1	% 49.1-14	8						

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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

Applyzed By: 1H /

Project Location: COP-EDDY COUNTY, NEW MEXICO

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

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.8	% 49.1-14	8						

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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	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.5	% 49.1-14	8						

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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: Sampling Type: Soil 04/13/2023

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	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d 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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	6 49.1-14	8						

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Celey D. Keine



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

Analyzed By: 14

Project Location: COP-EDDY COUNTY, NEW MEXICO

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

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a BA: TH					
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Celey D. Keens



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: Sampling Type: Soil 04/13/2023

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	Analyze	d 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 9	% 71.5-13	4						
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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

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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: Sampling Type: Soil 04/13/2023

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 9	% 71.5-13	4						
Chloride, SM4500CI-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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116 9	% 49.1-14	8						

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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

Analyzed By: 14

Project Location: COP-EDDY COUNTY, NEW MEXICO

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

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a BA: TH					
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	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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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

Analyzed By: 14

Project Location: COP-EDDY COUNTY, NEW MEXICO

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

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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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: Sampling Type: Soil 04/13/2023

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	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	% 49.1-14	8						

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Analytical Results For:

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

(432) 682-3946

Received: 04/06/2023 Sampling Date: 04/06/2023

Reported: Sampling Type: Soil 04/13/2023

Fax To:

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	Analyze	d 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 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d 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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106 9	% 49.1-14	8						

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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.

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

QM-07

** 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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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	Sampler - UPS - Bus - Other:	Delivered By: (Circle One)		Relinquished By-	Neimquished By	amades or successors area	event shall Cardinal be liable	/6	2	000	1	6	~	4	u	2		Haziluu.	1 26 1 0	Sampler Name:	, roject rocatic	Project I postio	Project Name:	Project #-	Phone #	City: Austin	Address sould	Project Managur: Christian
	s - Other:	e Onel			remiquished by: Colton Bickerstaff	amiliars or successors arrang out of or related to the performance of services benunction by Cerdinal, inspectious of whether such claim to based upon any of the above suited resource or otherwise.	umages. Cardinal's liability and client's ex- for incidental or consequental damage	AH-10 (0-1')	AH-9 (0-1')	AH-23-8 (2'-3')	AH-23-8 (0-1')	AH-23-3 (1'-2')	AH-23-3 (0-1')	AH-23-2 (1'-2')	5 AH-23-2 (0-1')	AH-23-1 (1'-2')		Sample I.D.		Sampler Name: Colton Bickerstaff	Part Location: Eddy County, New Mexico	Project Coation: Edd: County No.	Sidewinder Endowl C	2420 MD 0000	(512)565,0100	City: Austin	Address: 9044 Commission Film	er Christian I I.II
1	Corrected Temp. "C 0.9		Time:	1 met 28	Date: 4/6/23	of services hereunder by Cerdinal, re	skinder remedy for any claim action, when is, including without limited in, business.											e I.D.			Mexico	om 4H Release	Project Owner:	Fax#:	State:			
(200	-	Rece	-	Rece	gardiess of w	he hand is o	G	G	G	G	G	G	G	G	G	G	(G)RAB OR (C)OMP.							IX Zip:			
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	CHECKED BY: (Initials)	1	1	St.	1	Sorts or otherwise.	forthe analyses. All claims	4/5/2021	10000A	CTICTICA	CHURCH	Alkana	440000	TOTAL SE	1000314	4/5/2071		9	1			Zip:		Address: EMAIL	Attn: Christian Llull	Company: Tetra Tech		BILL TO
Thermometer ID #113 Correction Factor -0.5°C	Turnaround Time Stan Rush: Ma. Mandard TAT	-	REMARKS:	results are emailed. Please provide	Verbal Result:		its including those for regigence and any other		T					T			$^{+}$	TIME	MPLING									0
D #113 tor -0.5°C	Standard			ге етане	lt □ Yes		X regigence	< ×	< ×	×	×	×	×	×	>	< >	< 7	ГРН 8015М	1	_	_		_				+	
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_	V) Sample Condition Observed Temp. 'C			Email address: Christian.Llull@tetratech.com	Add	one was an owner warred unites made in writing and received by Cardinal within 30 days after		+		-		-	-	-	-	+	+											ANALYSIS REQUEST
	d 8			ess: Ch	Add'l Phone #:	Division Column	-	t	t			1			-	+	+	**	_			_					+	SIS R
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Delivered By: (Circle One) Sampler - UPS - Bus - Other:

Observed Temp. *C (Corrected Temp. *C

CN

Sample Condition
Cool Intact
C

CHECKED BY: (Initials)

REMARKS:

Verbal Result: ☐ Yes ☐ No ☐ Add'l Phone #:
All Results are emailed. Please provide Email address: Christian.Llull@tetratech.com

Thermometer ID #113 Correction Factor -0.5°C

bush N/A, Standard TAT

Cool Intact

Observed Temp. *C.

04 | 04 | 04 | 04 |

Corrected Temp. 'C

FORM-006 R 3.2 10/07/21

Relinquished By:

Date: 4/6/23

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

				6	BILL TO				ANAI VOIC D	1011101
Project Manager: Christian Llull	Christian Llull			P.O.#:					הוארוסוס תבעטבטו	EMOESI
Address: 8911 Cap	Address: 8911 Capital o Texas Hwy, Suite 2310			Company: Tetra Tech	etra Tech					
City: Austin	State:	TX Zip:		Attn: Christian Llull	an Liuli					
Phone #: ((512)565-0190 Fax #:			Address: EMAIL	AIL					
Project #:	212C-MD-02883 Project Owner:		ConocoPhillips	-						
roject Name: Side	Project Name: Sidewinder Federal Com 4H Release				Zio:					
roject Location: E	Project Location: Eddy County, New Mexico			Phone #	1				В	
ampier Name: Col	ton Bickmarker			THORE #.					1-	
Sampler Name: Colton Bickerstaff	ton Bickerstaff			Fax#:					JC.	
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The same of the sa	AH-23-1 (2-4)	G	X	X	4/6/2023		X		X	
() A	H-23-1 (3-4)	G	X	X	496/2023		×	+	×	
-	AH-23-1 (4-5)	G	X	X	4/6/2023		+	+		
17 A	AH-23-2 (2'-3')	G	×	x	4/6/2021		+	+		
V 8/	AH-23-2 (3'-4')	G	< ;	* >	CTOTION		×	XX		
	AH-23-2 (41-51)		X	X	4/6/2023		X	XX		
-	AH-23-3 (20-30)	G	×	×	4/6/2023		X	X		
1	G 1 X	G 1	X		4/6/2023		×	+	-	

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

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:

Observed Temp. *C Corrected Temp. *C

Cool Intact

CHECKED BY: (Initials)

Thermometer ID #113 Correction Factor -0.5°C

ed TAT

Cool Intact

Observed Temp. "C

O No O No

Corrected Temp. 1C

FORM-006 R 3.2 10/07/21

Relinquished By:

Received By:

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



101 East Marland, Hobbs, NM &J240 (575) 393-2326 FAX (575) 393-2476

Relinquished By: Colton Bickerstaff	less or successors arising out of or related to	PLEASE NOTE: Liability and Dansiges. Cardinal's list	3) AH-23-6 (21-37)	39 AH-23-6 (0-1")	28 AH-23-5 (3'-4")	57 AH-23-5 (2'-3')	AH-23-5 (0-1")	25 AH-23-4 (3'-4')	1/0	2	22 AH-23-3 (4'-5')	AH-23-3 (3'-4')	Lab I.D. H231644	FOR LAB USE CHLY	Sampler Name: Colton Bickerstaff	Project Location: Eddy County, New Mexico	Project Name: Sidewinder Federal Com 4H Release	Project #: 212C-MD-02883		un	Address: 8911 Capital o Texas Hwy, Suite 2310	Project Manager: Christian Liuli	Boolean Manager
kerstaff Date: 4/6/23	ven it was consist to asset for incidental of compared aldranges, including without finitiation, business interruptions, loss of use, or to see the profits incurred by closed, its substitutions, and of or related to the performance of services hereunder by Cardinal, reporties of Helibert such claim in based upon they of the above stated resource or determine.	ges. Cardinal's liability and claim's exclusive remanly for any claim artising who	(2:30)	(0-1')	(3:4)	(2'-3')	(0-1')	(3'4')	(2-3)	(0-1')	(4'-5')	(3-4)	Sample I.D.		kerstaff	unty, New Mexico	Federal Com 4H Release	0-02883 Project Owner:	-0190 Fax #:	State:	exas Hwy, Suite 2310	Liuli	
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-	or difference.	4/6/2023	47117,1516	CTOTAGA	Alicenter	4/6/2021	4/6/2023	4/6/2021	4/6/2023	4/6/2023	46/2023	4/6/2023	DATE				Zip:		AIL	Attn: Christian Llull	Company: Tetra Tech		BILL 10
Verbal Result-	a including those				T		1			1			SAMPLING										9
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	er shall be deemed watered unders made in verifing and received by Cardinal within 30 days after completion of the		_	-	-	+	+	+	+	+	1	-											ANALYSIS REQUEST
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† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:

Observed Temp. °C Corrected Temp. °C

Sample Conditi

(Initials)

Thermometer ID #113 Correction Factor -0.5°C

With Standard TAT

Cool Intact

Observed Temp. "C

ON ON ON

Corrected Temp. "C

FORM-006 R 3.2 10/07/21

Relinquished By:

Received By:

REMARKS:

Verbal Result: ☐ Yes ☐ No Add'I Phone #:
All Results are emailed. Please provide Email address: Christian Llull@tetratech.com

Relinquished By: Colton Bickerstaff

Date: 4/6/23

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

Company Mama, Tat			ı	ı	ı	ı	ı													
The state of the s	a acci										B	BILL TO				1	ANALYS	ANALYSIS REQUEST		
Project Manager: Christian Llull	ristian Liuli							_	P.O. #	*					1	1	2000	NEWOES!		
iddress: 8911 Capit.	Address: 8911 Capital o Texas Hwy, Suite 2310						1		Com	pan	V. T.	Company: Tetra Tech		1						
City: Austin	State:	TX Z	Zip:			d			Attn	5	richia	Attn: Christian I Iuli		_						
Phone #: (51	(512)565-0190 Fax #:	2						1				an word		_						
Project #: 21:	212C-MD-02883 Project Owner:							-	100	888	Address: EMAIL	AIL		_						
roject Name: Sidew	Project Name: Sidewinder Federal Com 4H Release			1	conocor minibs	101	THE PERSON NAMED IN		City.											
minet I continue Ed								-	Signal.			ZIP:				:				
roject Location: Ed	rioject Location: Eddy County, New Mexico							7	Phone #	10 #						I-B				
Sampler Name: Colton Bickerstaff	n Bickerstaff							70	Fax #:	77						C				
ah I D		-	\neg	Н		MATRIX	X	ŀ	PR	PRESERV	RV.	SAMPLING	LING	_		500				
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SENOTE Liability and Damanus Co.					_	-								1		1		-	+	-

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

APPENDIX F Waste Manifests

Company	Man	Contact	Informa	Itic
evition -				8

IVIRONMENTAL SOLUTIONS	(PLEA	ASE PRINT) *REQUIR	IED INFORMATION*	lame
	GEN	ERATOR		No
perator No.	distribution of the state of th			01412
perators NameCovoCo		Lease/Well Name & No.	2 1 1 2	- Lost Distribution
ddress		County	Aldewinder 7	HIP West bas
ty, State, Zip		API No.	# 30-015-441	9 O MINA
one No.		Rig Name & No AFE/PO No	and a state of the superiors are superiors	No Name & Ro - 17
EXEMPT E&P Wa	aste/Service Identification and Amour	arc/ru No	te type in barrols or cubic yer	5)
Based Muds Based Cuttings	NUN-INJECTABLE WATERS	A April 10 Volume Hext to Was	OTHER EXEMPT WASTES (ty	pe and generation process of the waste)
ater Based Muds ater Based Cuttings	 Washout Water (Non-Injectable) Completion Fluid/Flow Back (Non-Injectable) 	iectable)	they art polling all the well	or head mailled
oduced Formation Solids	 Produced Water (Non-Injectable) Gathering Line Water/Waste (Non-Injectable) 	THE RESERVE OF THE PARTY OF THE	The state of the s	
nk Bottoms P Contaminated Soil	INTERNAL USE ONLY	Suitable Teneral Age	Dang	
is Plant Waste	Truck Washout (exempt waste)	Partition Handard Manager Louis		
ASTE GENERATION PROCESS: DRIL	LING COMPLETION	☐ PRODUCTION	GATHERIN	G LINES .
All non-exempt E&P v	NON-EXEMPT E&P Waste/s vaste must be analysed and be below thre	Service Identification and Amoun	nt	ALTO A SECTION OF THE PROPERTY OF THE PARTY
n-Exempt Other	an anyone and the Molow Line		from Non-Exempt Waste List	
ANTITY	B-BARRELS) # Y-YARDS	
reby certify that the above listed material(s), is (are) is kaged, and is in proper condition for transportation a	not hazardous waste as defined by 40 CFR	Part 261 or any applicable state	e law. That each waste has been	E-EACH
	rearrang to approable regulation.			
per load basis	s generated from oil and gas exploration a only)	and production operation and ar	e not mixed with non-exempt was	ste (R360 Accepts certifications on a
RCRA NON-EXEMPT: Oil field waste	which is non-hazardous that does not exc	ceed the minimum standards for	waste hazardous by characterist	ics established in RCRA regulations.
waste as non-	hazardous is attached. (Check the appropr	iate items as provided)	t D, as amended. The following d	ocumentation demonstrating the
☐ MSDS Informa	tion RCRA	Hazardous Waste Analysis	Other (Pr	ovide Description Below)
I he Kingrez	3	- 71.0	AV FAME I	Vm alvagera
(PRINT) AUTHORIZED AGENTS SIGNATURE		DATE	SIGNATURE	
isporter's		PORTER		that year 188 months =
ress Wester	Partners	Driver's Name	Joel Van Ruk	Spile palitical man
TO MAN THAT THE THE THE PROPERTY OF THE PARTY OF		Phone No	35.	
ne No.		WHP No		than tracking and the second
eby certify that the above named material(s) was/we	re picked up at the Generator's site listed	above and delivered without inc	ident to the disposal facility liste	d below.
SHIPMENT DATE	DRIVER'S SIGNATURE	DELIVERY DATE	DRIVER	I'S SIGNATURE
TRUCK TIME STAMP	DISPOSA	L FACILITY	RECEIVING	GAREA
	10.4) Principal Barriera	ist must be coming research	Name/No	D6
Name/ nit No. Red Bluff Facility / STF-I	065	To the second board of	440,4000	71
ress 5053 US Hwy 285, Orla, 1		Phone No. 432	-448-4239	
NORM READINGS TAKEN? (Circle	e One) YES NO	If YES, was reading > 50	micro roentgents? (Circle One) YES NO
ta unipulos puag trilligs no-inserana. I	TANTO LIUNGO	NORM (mR/hr)	Tunk material and	The last of the la
Feet		OTTOMS	and the state of t	to leave or dispersal of
iuage	Inches The Research of the Inches	BS&W	/ Received	BS&W (%)
Guage	The same of the sa	circum control oners .* F	ree Water	
			Received	in ambridge
by certify that the above load material has been (circ	le one): ACCEPTED	DENIED If denie	ed, why?	Seattle in Decodor et al.
NAME (PRINT)	DATE	TITLE		NATURE
			motherny what was it	ing The steer sees V a

Released to Imaging: 9/19/2023 8:08.27 AM

Blue-TRANSPORTER

Yellow - GENERATOR

308 R360-5160R

R360 VIRONMENTAL SOLUTIONS

(PLEASE PRINT)

REQUIRED INFORMATION

Company Man Contact Information

Name	at 1	er.	-	- West	K12	
		THE	1111	7	-	

Market Market Control of the Control		THE PROPERTY OF THE PARTY OF THE	BUERLE PARTE BUREAU P	hone No
erator No.	GEN	ERATOR	NO.	301537
^	ADMINISTRA	Permit/PPC No Lease/Well	purificial supplies of a	Phone No.
erators Name		Name & No.	5 demoder fo	S Com 4H
dress	AND A SALE STATE COMPANY OF THE PARTY.	County	Eddy = 141	Joan White
y, State, Zip	La Maria Roy Brillian	API No Rig Name & No	504-043- 1777	7 Contraction of the
one No.	the Programme District (PD) by the extension	AFE/PO No.		Arent Johnstone
EXEMPT E&P Waste/	Service Identification and Amour	nt (place volume next to wast	te type in barrels or cubic yar	ds)
Based Muds	NON-INJECTABLE WATERS Washout Water (Non-Injectable)			pe and generation process of the waste)
ater based ividas	Completion Fluid/Flow Back (Non-Ini	jectable)	The many that with the	
oduced Formation Solids	Produced Water (Non-Injectable) Gathering Line Water/Waste (Non-In	niectable)	Down the	A Independ horizon
P Contaminated Soil	INTERNAL USE ONLY		nemen ir not build be	District the American
s Plant Waste	Truck Washout (exempt waste)	enewsky haw endanced again	To that we all the bolling of the	and the benefit of the second
ASTE GENERATION PROCESS: DRILLING	G COMPLETION	☐ PRODUCTION	■ GATHERIN	G LINES
All non-exempt F&P waste	NON-EXEMPT E&P Waste/	Service Identification and Amoun	it and the second	Market and Breek your
n-Exempt Other	e must be analysed and be below thro		gnitability, Corrosivity adn React from Non-Exempt Waste List	
ANTITY	B-BARRELS	process corect		
reby certify that the above listed material(s), is (are) not h kaged, and is in proper condition for transportation accord	pazardous waste as defined by 40 CEE	R Part 261 or any applicable state	Y-YARDS e law. That each waste has been	E-EACH properly described, classified and
	nerated from oil and gas exploration	and production operation and are	e not mixed with non-exempt wa	ste (R360 Accepts certifications on a
RCRA NON-EXEMPT: Oil field waste whi 40 CFR 261.21-261	ch is non-hazardous that does not exi .24, or listed hazardous waste as defi rdous is attached. (Check the appropr	ined by 40 CFR part 761 subpar	waste hazardous by characterist t D, as amended. The following o	ics established in RCRA regulations, locumentation demonstrating the
MSDS Information	RCRA	Hazardous Waste Analysis	Other (P	rovide Description Below)
(PRINT) AUTHORIZED AGENTS SIGNATURE		DATE	CIONATURE	The latest and the second
nsporter's		PORTER	SIGNATURE	odburnari Marwello - 1
ne . Men 4 Det	MS Thinkput Amel Des 1	Driver's Name	Josh Bush	ULT School W.
ress		Phone No.		THE STATE OF THE S
ne No.	50	Truck No.	M75	The second second
eby certify that the above named material(s) was/were p	icked up at the Generator's site listed	WHP No.	cident to the disposal facility list	ed below
-04	Chapter when the region	8/28/22	10 de disposar rockity not	ALECTOR IN A SERVICE HAND LETTER.
TRUCK TIME STAMP	ER'S SIGNATURE DIG DOCA	DELIVERY DATE	A STATE OF THE PARTY OF THE PAR	P'S SIGNATURE
1: \) TOW OUT:	DISPUSA	L FACILITY	RECEIVIN Name/No.	G AREA
Name/ nit No. Red Bluff Facility / STF-065	TOIS NAME	Chr. 2000 Senter tomos 1 5000	440 4000	The Super College Coll
ress 5053 US Hwy 285, Orla, TX 7		Phone No. 432	-448-4239	
NORM READINGS TAKEN? (Circle Or	ne) YES NO	If VES was reading > 50	micro roentgents? (Circle One	a) VEC NO
Landa de la media de la menda de la menda de la media della	Arrested to page	NORM (mR/hr)	Thicro roentgents: (Gircle Off	e) YES NO
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Guage eived	The street of th		Free Water	AUTHOR WITH CHINICAGO
	turner va nu		al Received	1
eby certify that the above load material has been (circle o	ne): ACCEPTED	DENIED If deni	ed, why?	And the control of th
NAME (PRINT)	DATE	TITLE		IGNATURE

TANK BOTTOMS

Guage I Inches

Guage I Guage I Inches

BS&W Received BS&W (%)

Free Water

Total Received

SIGNATURE

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

ACCEPTED

DENIED

If denied, why?

NAME (PRINT)

DATE

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PRINT)

Blue-TRANSPORTER

Yellow - GENERATOR

308.R360-5160R

Page 133 of 158
Company Man Contact Information

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URONMENTAL SOLUTIONS	(PLEASE	PRINT) *REQUIRED	INFORMATION* Phone	No
erator No.	GENER	Permit/PPC No.	No. 30	1538
erators Name Coshor of dress	1,10 mind your nearly 1 and no	Lease/Well Name & No. County	s-Only	l Com HH
0	atao Pon pro padras atao Pon pro padras soumen CCP (alatticas 15 of 5)	API No. Rig Name & No. AFE/PO No.	015 44197	Highway Fite
EXEMPT E&P Waste	e/Service Identification and Amount (p	lace volume next to waste t	ype in barrels or cubic yards)	
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JANTITY	B-BARRELS	varbanilari u lebo le u	Y-YARDS	E-EACH
per load basis or RCRA NON-EXEMPT: Oil field waste w 40 CFR 261.21-21	which is non-hazardous that does not exceed 61.24, or listed hazardous waste as defined zardous is attached. (Check the appropriate	the minimum standards for wa by 40 CFR, part 261, subpart D	aste hazardous by characteristics as amended. The following docu	established in RCBA regulations
(PRINT) AUTHORIZED AGENTS SIGNATURE	DATE		SIGNATURE	NUMBER OF STREET
nsporter's me dress one No. reby certify that the above named material(s) was/were	P picked up at the Generator's site listed about the Price of the Control of the	Driver's Name Phone No. Truck No. WHP No.	_ 16 SV	pelow.
TRUCK TIME STAMP	DISPOSAL		RECEIVING A	
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mit No. dress Red Bluff Facility / STF-00 5053 US Hwy 285, Orla, TX NORM READINGS TAKEN? (Circle	X 79770	If YES, was reading > 50 mi	48-4239 icro roentgents? (Circle One)	YES NO
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eived	the state of the s	A STATE OF THE STA	ee Water Received	21mithragol
reby certify that the above load material has been (circle	8 179/2 years	NIED If denied	why? To begon the party of the	Settle on their mind he fill and two embers decord or
NAME (PRINT)	DATE	TITLE	Signa	ATURE

(PLEASE PRINT) *REQUIRED INFORMATION*

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company	vian Co	ntact	Infor	mation
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SOLUTIONS	ABILTIA CERSONE ACEDICADO	Phone No.
perator No.	GENERATOR	No. 301414
erators Name Conoco	Permit/PPC No Permit/PPC No Lease/Well Name & No County	Sidewinder Fed Com 4 H
0 7	API No Rig Name & No	30-015-441970 de antiga
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kP Contaminated Soil is Plant Waste	INTERNAL USE ONLY Truck Washout (exempt waste)	Commercial For Robert Assessment of the Commercial For Robert Assessment of the Commercial Commerci
ASTE GENERATION PROCESS: DRILLING	G COMPLETION PRODUCTIO	N GATHERING LINES
All non-exempt E&P wast	NON-EXEMPT E&P Waste/Service Identification and Amou e must be analysed and be below threshold limits for toxicity (TCLP).	Ignitability, Corrosivity adn Reactivity.
	*please selec	t from Non-Exempt Waste List on back
JANTITY	B-BARRELS	Y-YARDS E-EACH
kaged, and is in proper condition for transportation accord	azardous waste as defined by 40 CFR Part 261 or any applicable sta ding to applicable regulation.	te law. That each waste has been properly described, classified and
RCRA EXEMPT: Oil field wastes ge per load basis only	nerated from oil and gas exploration and production operation and a r)	are not mixed with non-exempt waste (R360 Accepts certifications on a
40 CFR 261.21-261	.24, or listed hazardous waste as defined by 40 CFR, part 261, subpartous is attached. (Check the appropriate items as provided) RCRA Hazardous Waste Analysis	or waste hazardous by characteristics established in RCRA regulations, art D, as amended. The following documentation demonstrating the Other (Provide Description Below)
T. C. Velerz	Out Water	Wash Sound of the Control of the Con
(PRINT) AUTHORIZED AGENTS SIGNATURE	DATE (CENWOII)	SIGNATURE
nsporter's Walded	TRANSPORTER Driver's Name Phone No.	Joel Kin Breuk
one No. reby certify that the above named material(s) was/were p	WHP No. ——wicked up at the Generator's site listed above and delivered without i	ncident to the disposal facility listed below.
X-08-03	ZER'S SIGNATURE DELIVERY DATE	Annual Bio Bio Service and Committee and Com
TRUCK TIME STAMP	DISPOSAL FACILITY	DRIVER'S SIGNATURE RECEIVING AREA
N:OUT:	- particularities and men and medical section	Name/No.
Red Bluff Facility / STF-069 fress S053 US Hwy 285, Orla, TX		2-448-4239
NORM READINGS TAKEN? (Circle O	ne) YES NO If YES, was reading > 5 NORM (mR/hr)	0 micro roentgents? (Circle One) YES NO
Feet	Inches	storage or diagonal of bioempt weaters Accompanied materials and its Accompanies.
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reby certify that the above load material has been (circle of NAME (PRINT)	DENIED DENIED If de	nied, why?
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*REQUIRED INFORMATION

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The Control of the Co	G BOOL TO	A THE RESERVE OF THE PERSON OF		

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SOLUTIONS	(FLEASE	rnivi) nequire	D INFORMATION Ph	one No.
N.	GENER	THE RESERVE OF THE PARTY OF THE	NO. 3	03209
rator No		Permit/PPC No Lease/Well Name & No	Sile no Da Pad	Gn HH
ress		County API No	pols 4419	haa qabaarii — yaasada — . Arii haa u Tagaalaa — .
, State, Zipne No.	10-10-10-10-10-10-10-10-10-10-10-10-10-1	Rig Name & No AFE/PO No		" July March & Nu " ATE/FO No - " our T
EXEMPT E&P Waste	e/Service Identification and Amount (p NON-INJECTABLE WATERS	place volume next to waste		S) e and generation process of the wast
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STE GENERATION PROCESS: DRILLIN		PRODUCTION	GATHERING	LINES
	NON-EXEMPT E&P Waste/Sen ste must be analysed and be below thresh	vice Identification and Amoun	t Initability, Corrosivity adn Reacti	vity.
n-Exempt Other		*please select f	from Non-Exempt Waste List (on back
ANTITY eby certify that the above listed material(s), is (are) no	B-BARRELS	twant or laan is on self-	Y-YARDS	E-EACH
PRINT) AUTHORIZED AGENTS SIGNATURE (PRINT) AUTHORIZED AGENTS SIGNATURE Sporter's le	hich is non-hazardous that does not excee 61.24, or listed hazardous waste as defined zardous is attached. (Check the appropriate on RCRA Ha	d the minimum standards for d by 40 CFR, part 261, subpart e items as provided) zardous Waste Analysis ORTER Driver's Name Phone No. Truck No. WHP No. DELIVERY DATE	waste hazardous by characterist D, as amended. The following d Other (Pr	ics established in RCRA regulation ocumentation demonstrating the ovide Description Below)
Name/	n Market Professor P. Talket	n of Egynomor cycle(ab)	Name/No	Die amang
nit No. Red Bluff Facility / STF-0 5053 US Hwy 285, Orla, T	X 79770	and the state of the	-448-4239	torak termina managas
NORM READINGS TAKEN? (Circle	One) YES NO	If YES, was reading > 50 NORM (mR/hr)	micro roentgents? (Circle On	e) YES NO
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	the state of the s	1000		

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Company I	Man Cor	ntact Inf	ormation
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ENVIRONMENTAL SOLUTIONS	(PLEASE	PRINT) *REQUIRE	D INFORMATION*	one No.
Operator No.	GENER	Permit/PPC No	NO. 3	03210
Operators Name Address — — — — — — — — — — — — — — — — — —		Name & No	Eddy	Com 4H
City, State, Zip Phone No.	colored (COL plants) plants are	API No Rig Name & No AFE/PO No	30-015-4419	2 strain gill file gill Bromaid gift ggrid an G halle
EXEMPT E&P Was	te/Service Identification and Amount (p		type in barrels or cubic yards	
Oil Based Muds Oil Based Cuttings Water Based Muds Water Based Cuttings Produced Formation Solids Tank Bottoms	NON-INJECTABLE WATERS Washout Water (Non-Injectable) Completion Fluid/Flow Back (Non-Injecta Produced Water (Non-Injectable) Gathering Line Water/Waste (Non-Inject	bble)		e and generation process of the waste)
E&P Contaminated Soil Gas Plant Waste	INTERNAL USE ONLY Truck Washout (exempt waste)		April 12 Carry Carry	
WASTE GENERATION PROCESS: DRILLI		☐ PRODUCTION	GATHERING	LINES
All non-exempt E&P wa	NON-EXEMPT E&P Waste/Serv aste must be analysed and be below thresho	ld limits for toxicity (TCLP), Ic	initability, Corrosivity adn Reactiv	
		"please select i	from Non-Exempt Waste List o	n back
QUANTITY	B-BARRELS		/ Y-YARDS	E-EACH
hereby certify that the above listed material(s), is (are) no ackaged, and is in proper condition for transportation acc	of hazardous waste as defined by 40 CFR Par cording to applicable regulation.	t 261 or any applicable state	law. That each waste has been p	roperly described, classified and
RCRA EXEMPT: Oil field wastes per load basis of	generated from oil and gas exploration and	production operation and are	not mixed with non-exempt was	te (R360 Accepts certifications on a
40 CFR 261.21-2	which is non-hazardous that does not exceed 261.24, or listed hazardous waste as defined azardous is attached. (Check the appropriate ion RCRA Haz	by 40 CFR, part 261, subpart	D, as amended. The following do	cs established in RCRA regulations, ocumentation demonstrating the ovide Description Below)
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ransporter's McNehb Oce	TRANSPO	ORTER Driver's Name	Josh Fushy	nts (1800 (1800 Separation)) is a contract of the contract of
hone No. 575 577 C	050	Phone No Truck No WHP No	m35	Variation where
nereby certify that the above named material(s) was/wer			ident to the disposal facility liste	d below.
879-23	DRIVER'S SIGNATURE	DELIVERY DATE	_ 4/360	'S SIGNATURE
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IN:OUT:	The coup from the Day (School of	Coult (provinces of a couple), and a	Name/No	D Internation
ite Name/ ermit No. Red Bluff Facility / STF-0 ddress 5053 US Hwy 285, Orla, T		Phone No. 432	-448-4239	barry as
NORM READINGS TAKEN? (Circle		If YES, was reading > 50 NORM (mR/hr)	micro roentgents? (Circle One) YES NO
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st Guage nd Guage sceived	ethalish her et and shulpe etha and bas event? etha and bas event	HOTE OF THE COMPANY	Received Free Water I Received	BS&W (%)
nereby certify that the above load material has been (circ	le one): ACCEPTED DE	Name of the last o	ed, why?	whether a the popular 4
NAME (PRINT)	DATE	TITLE	SIC	SNATURE STATE OF THE STATE OF T

		IAN
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ived		The second regions

BS&W Received Free Water Total Received

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

ACCEPTED

DATE

DENIED

If denied, why?

NAME (PRINT)

SIGNATURE

BS&W (%)

northstarforms.com

Released to Imaging: 9/19/2023 8:08:27 AM

Blue-TRANSPORTER

Yellow - GENERATOR

308.R360-5160R

Received by OCD: 9/15/202		C NON HAZARDOHC OU	CICLO VAVA CTE NAANUEE	·OT	Page 138 of Company Man Contact Information
2260	TEXA	S NON-HAZARDOUS OIL	FIELD WASTE MANIFE	:51	Name
IRONMENTAL SOLUTIONS		(PLEASE P	RINT) *REQUIRED I	NFORMATION*	Phone No
		GENERA	ATOR	NO.	301524
erator No.	0	1994 (Albert 1997)	Permit/PPC No.	ganament arraga	Dogg No in the second
erators Name	0			do winde	y Federman
dress	TOJOCPS		Name & No County	204	F)
uless	I reduce -		API No.	0-015-	44192
y, State, Zip			Rig Name & No.	o set Trail en suls	Eight and Allen Train
one No.			AFE/PO No	are the second of	ATTROUGH THE
		Identification and Amount (pla			
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ater Based Cuttings oduced Formation Solids		ed Water (Non-Injectable) ng Line Water/Waste (Non-Injecta	ble)		ner er eVe-malaedan - eVe-re ren
nk Bottoms P Contaminated Soil		AL USE ONLY	Printer Defendence V, Error		
is Plant Waste	Truck W	/ashout (exempt waste)	Marine and Library State (1)	nd grindly, of "-	W hennel of
ASTE GENERATION PROCESS:	DRILLING	COMPLETION	PRODUCTION	☐ GATHE	RING LINES
	PARTY CONTRACTOR OF	NON-EXEMPT E&P Waste/Service	ce Identification and Amount		LEDE TO MAKE THE PROPERTY OF THE PARTY OF TH
	n-exempt E&P waste must be	e analysed and be below threshold	d limits for toxicity (TCLP), Ignit	A CONTRACT OF THE PARTY OF THE	
on-Exempt Other			*please select froi	n Non-Exempt Waste	LIST ON DACK
JANTITY	B-BAF	RRELS		/ Z Y-YARD	S E-EACH
ereby certify that the above listed mat kaged, and is in proper condition for			261 or any applicable state lav	w. That each waste has b	peen properly described, classified and
RCRA EXEMPT: RCRA NON-EXEMPT:	per load basis only) Oil field waste which is not 40 CFR 261.21-261.24, or li	n-hazardous that does not exceed	the minimum standards for wa by 40 CFR, part 261, subpart D,	ste hazardous by charac	t waste (R360 Accepts certifications on teristics established in RCRA regulation ing documentation demonstrating the
State of the congress of the control of	MSDS Information		ardous Waste Analysis	Oth	er (Provide Description Below)
1 (10.	:117		PERCENTAGE	Ho	pulled hough the authors #
(PRINT) AUTHORIZED	AGENTS SIGNATURE	DATE		SIGNATU	RE
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insporter's mcNa	bb Parto	President and the second	Driver's Name	Albara T	INCY O DOLL ME WAY
dress	W. Collsbar		Phone No.	75-241-0)79V.
THE THE RESERVE THE PERSON			Truck No	m-31	
one No.			WHP No.		-positivative (example) in the contract of
ereby certify that the above named ma	aterial(s) was/were picked up	to the second by the second section in the second	ve and delivered without incide	ent to the disposal facilit	y listed below.
SHIPMENT DATE	DRIVER'S SIGN	NATURE	DELIVERY DATE	www	DRIVER'S SIGNATURE
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N: 11 MG A OUT:		c mag submiguron hou pourur n		lame/No	Jord Laubert
F0F0 110 11	acility / STF-065		Phone No. 432-4	48-4239	botaejai ni ti
	y 285, Orla, TX 79770	200000000000000000000000000000000000000			
NORM READING	S TAKEN? (Circle One)		If YES, was reading > 50 m NORM (mR/hr)	icro roentgents? (Circl	e One) YES NO
	ABD Taria	TANK BOT	TTOMS	Serricy 1	gmexa to limigrath to apprects
t Guage Feet	Inc	ches	RCS/A/	Received	BS&W (%)
d Guage		Annu Ped his sit		ee Water	D30xVV (70)

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

ACCEPTED

DATE

DENIED

If denied, why?

Total Received

NAME (PRINT)

TITLE

SIGNATURE

ceived

(PLEASE PRINT)

REQUIRED INFORMATION

Page 139 of 158
Company Man Contact Information.

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SOLUTIONS			Phon	e No.
	GENE	RATOR	NO. 30	3211
erator No.	MANAGE E	Permit/PPC No Lease/Well	Heli Dendar Denor I den Grande	Pipers No1
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y, State, Zip	Towns or the contract of the c	Rig Name & No.	odsa sa te nomiciale salema	cld if man it blo.
one No.	Mar and Levil of the condition of the	AFE/PO No. —	Harrist Harrist Harris Committee	wer - on DRASA
EXEMPT E&P Waste, Based Muds	Service Identification and Amount NON-INJECTABLE WATERS	(place volume next to waste	e type in barrels or cubic yards) OTHER EXEMPT WASTES (type a	nd generation process of the waste)
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ater Based Cuttings	Completion Fluid/Flow Back (Non-Inject Produced Water (Non-Injectable)		personal our Institute on 40 day of	months Charles
oduced Formation Solids	Gathering Line Water/Waste (Non-Inje INTERNAL USE ONLY	ectable)	Dung Ta	Local Transport
P Contaminated Soil s Plant Waste	Truck Washout (exempt waste)	al angula pologici della alla partici	Les in middly hyddin, i sinn mwy	at still—dimensi of
ASTE GENERATION PROCESS: DRILLING	G COMPLETION	PRODUCTION	GATHERING I	INES
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n-Exempt Other			rom Non-Exempt Waste List on	
JANTITY	B-BARRELS	Continue management	/²/ Y-YARDS	E-EACH
ereby certify that the above listed material(s), is (are) not kaged, and is in proper condition for transportation accor		² art 261 or any applicable state	law. That each waste has been pro	operly described, classified and
RCRA EXEMPT: Oil field wastes g	enerated from oil and gas exploration a	nd production operation and are	e not mixed with non-exempt waste	e (R360 Accepts certifications on a
40 CFR 261.21-26	nich is non-hazardous that does not exce 1.24, or listed hazardous waste as defin	ed by 40 CFR, part 261, subpart		
MSDS Informatio	ardous is attached. (Check the appropria n RCRA F	Hazardous Waste Analysis	Other (Prov	ride Description Below)
1/6, 1901/12			- 0.1-mills	of carefully and Mills
(PRINT) AUTHORIZED AGENTS SIGNATURE		ATE	SIGNATURE	
insporter's	TRANS	PORTER	And The first	
me Mershin Dodra	15	Driver's Name Phone No	Josh Isusbil	THE STREET
Statement in the statement of the statem		Truck No.	M35	
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ereby certify that the above named material(s) was/were	mediante santidores emetaros	above and delivered without in	190	Print of bear and Second of
	IVER'S SIGNATURE			SIGNATURE
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e Name/		den un frestano populitica.	all has office because over	metacin mu
mit No. Red Bluff Facility / STF-06 dress 5053 US Hwy 285, Orla, TX		Phone No. 432	2-448-4239	
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Company	Man Contact	Information
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VIRONMENTAL SOLUTIONS		(PLEASE PRINT) *REQUIR	ED INFORMATION* Phone	e No.
one No.	- Anna	Permit/PPC No. Lease/Well Name & No. County API No. Rig Name & No. AFE/PO No.	5, d+minder 50 30-015-4419	1416 1 COW 44
Based Muds Based Cuttings ater Based Muds ater Based Cuttings oduced Formation Solids nk Bottoms P Contaminated Soil s Plant Waste ASTE GENERATION PROCESS:	NON-INJECTABLE WATERS Washout Water (Non-Inject Completion Fluid/Flow Back Produced Water (Non-Inject Gathering Line Water/Wass INTERNAL USE ONLY Truck Washout (exempt wa	S table) k (Non-Injectable) table) te (Non-Injectable) siste) ETION PRODUCTIO	OTHER EXEMPT WASTES (type a	Deffing - Vice of interest Completion Vice of interest Completion Vice of Completion of the interest Completion of interest Completion of the interest Completion of interest Completion of the interest Compl
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JANTITY	B-BARRELS		/L/ Y-YARDS	E-EACH
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e Name/ mit No. dress Red Bluff Faci 5053 US Hwy 2 NORM READINGS TA	285, Orla, TX 79770 AKEN? (Circle One) YES NO	ALLANO THE SHAREST REPORTED TO	2-448-4239 0 micro roentgents? (Circle One)	YES NO
d Guage ceived	and the second	Arabartania y dinana dinanany minjela	W Received Free Water ttal Received	BS&W (%)
reby certify that the above load material	has been (circle one): ACCEPTED DATE	DENIED If de	nied, why?	TOTO TO DOTOS (III A) SPORTE ON THE STATE OF

1360		OILFIELD WASTE MANIFES	STATE OF THE PARTY OF THE PARTY OF	y Man Contact Information
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rator No. CONOCO	Advances and the first of the f	Permit/PPC No Lease/Well S	ide Winds	ri ticela
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Received by OCD: 9/15/2023 2:02:.			Page 143 of Company Man Contact information
2360		OILFIELD WASTE MANIFES	Name
VIRONMENTAL SOLUTIONS	(PLEAS	SE PRINT) *REQUIRED INF	FORMATION* Phone No.
	GENE	RATOR	No. 301417
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UANTITY	B-BARRELS	Control prilonther most lease	Y-YARDS E-EACH
ereby certify that the above listed material(s), is (ckaged, and is in proper condition for transportat	are) not hazardous waste as defined by 40 CFP	Part 261 or any applicable state law.	That each waste has been properly described, classified and
		and production operation and are not r	nixed with non-exempt waste (R360 Accepts certifications or
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nereby certify that the above load material has been (circle one):

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ACCEPTED

DATE

DENIED

TITLE

If denied, why?

BS&W Received

Total Received

Free Water

J.

SIGNATURE

BS&W (%)

(PLEASE PRINT) *REQUIRED INFORMATION*

Page 144 of 158
Company Man Contact Information

Name _

SOLUTIONS	tolloup unicument engine	n prostoprovott v acriennos Ph	one No.
02	GENERATOR	9/2 NO. 3	01525
erator No.	Permit/PPC No. Lease/Well	5, do hander	Fod
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ckaged, and is in proper condition for transportation according	nazardous waste as defined by 40 CFR Part 261 or any applicabl ding to applicable regulation.	le state law. That each waste has been	properly described, classified and
RCRA EXEMPT: Oil field wastes ge	enerated from oil and gas exploration and production operation	and are not mixed with non-exempt wa	aste (R360 Accepts certifications on
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@northstarforms.com	GINVA Blue-TRANSPORTER	Yellow - GENERATOR	308.R360-516
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erator No.	GENERATOR Permit/PPC No	No. 303213
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uage	ophus bar trimi e 44ma ebi us rapathy)	BS&W Received BS&W (%)
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orthstarforms.com	Blue- TRANSPORTER	Yellow - GENERATOR 308.R360-

OUT:

Name/No.

432-448-4239 Phone No.

e Name/ Red Bluff Facility / STF-065 mit No. 5053 US Hwy 285, Orla, TX 79770 dress

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DENIED

If denied, why?

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lan	Contact In	armat	ion

Landson Limes on in - John Hills

Name

IRONMENTAL SOLUTIONS		(PLEASE PRINT) "HEQUIR	Phone No
		GENERATOR	No. 303573
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Received by OCD: 9/15/2023 2:02:30 PM Page 148 of 158 Company Man Contact Information TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST Name . (PLEASE PRINT) *REQUIRED INFORMATION* Phone No. **GENERATOR** perator No. Permit/PPC No. Lease/Well perators Name Name & No. Idress County API No ty, State, Zip Rig Name & No AFE/PO No. one No. EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards) I Based Muds NON-INJECTABLE WATERS Based Cuttings Washout Water (Non-Injectable) ater Based Muds Completion Fluid/Flow Back (Non-Injectable) ater Based Cuttings Produced Water (Non-Injectable) oduced Formation Solids Gathering Line Water/Waste (Non-Injectable) nk Bottoms INTERNAL USE ONLY &P Contaminated Soil as Plant Waste Truck Washout (exempt waste)

OTHER EXEMPT WASTES (type and generation process of the waste DRILLING **ASTE GENERATION PROCESS** 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 adn Reactivity on-Exempt Other *please select from Non-Exempt Waste List on back YTITUAL **B-BARRELS** Y-YARDS E-EACH ereby 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 ckaged, 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 SIGNATURI SIGNATURE TRANSPORTER ansporter's ime Driver's Name dress Phone No. Truck No. one No WHP No. ereby 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. DRIVER'S SIGNATURE DELIVERY DATE DRIVER'S SIGNATURE TRUCK TIME STAMP RECEIVING AREA OUT: Name/No. e Name/ Red Bluff Facility / STF-065 432-448-4239 rmit No. Phone No. 5053 US Hwy 285, Orla, TX 79770 dress If YES, was reading > 50 micro roentgents? (Circle One) NORM READINGS TAKEN? (Circle One) NO NORM (mR/hr) TANK BOTTOMS t Guage **BS&W Received** BS&W (%) d Guage Free Water ceived Total Received ereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT) TITLE SIGNATURE Refeased to Imaging: 9/19/2023 8:08:27 AM Blue-TRANSPORTER Yellow - GENERATOR

@northstarforms.com

308.R360-5160R

TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

REQUIRED INFORMATION

Company	Man	Page Contact	149 Inform	of 158
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Name _______

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&P Contaminated Soil	INTERNAL USE ONLY Truck Washout (exempt waste)		my a militir habita etale il diservi. Anno Militari
VASTE GENERATION PROCESS: DRILLING		PRODUCTION	GATHERING LINES
	NON-EXEMPT E&P Waste/S	Service Identification and Amount	A LOCAL CONTRACTOR OF THE PROPERTY OF THE PROP
All non-exempt E&P waste	must be analysed and be below three	shold limits for toxicity (TCLP), Ig *please select fi	nitability, Corrosivity adn Heactivity. rom Non-Exempt Waste List on back 1981 19
	D DADDELC		Y-YARDS E-EACH
QUANTITY (B-BARRELS	Part 261 or any applicable state	law. That each waste has been properly described, classified and
ackaged, and is in proper condition for transportation accord	ding to applicable regulation.		
RCRA EXEMPT: Oil field wastes ge per load basis only	nerated from oil and gas exploration a	and production operation and are	not mixed with non-exempt waste (R360 Accepts certifications on
DOBA NON EVENART Oil field waste wh	ich is non-hazardous that does not exc	ceed the minimum standards for	waste hazardous by characteristics established in RCRA regulation
40 CFR 261.21-261	.24, or listed hazardous waste as defi ardous is attached. (Check the appropri	ined by 40 CFR, part 261, subpart	D, as amended. The following documentation demonstrating the
MSDS Information	and the second s	Hazardous Waste Analysis	Other (Provide Description Below)
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(PRINT) AUTHORIZED AGENTS SIGNATURE		DATE	SIGNATURE
	TRANS	PORTER	mo.a apartonica, bil blacke folia do
ransporter's lame	C Administration at	Driver's Name	Jesse Moreno
ddress	YCV S	Phone No.	1157 761 5900
hone No.	02	Truck No. ———————————————————————————————————	A Commence of the Commence of
hereby certify that the above named material(s) was/were	picked up at the Generator's site lister		cident to the disposal facility listed below.
. S. Hanser and compression and remarks and the S. M.	IVER'S SIGNATURE	DELIVERY DATE	DRIVER'S SIGNATURE
TRUCK TIME STAMP		L FACILITY	RECEIVING AREA
IN: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Tona macmora oca (in	qua muntifiquement almosphis	Name/No.
ite Name/		werninger in the man water with the man and the man an	Service of the servic
ermit No. Red Bluff Facility / STF-06		Phone No. 432	2-448-4239
NORM READINGS TAKEN? (Circle of the control of the		If VES was reading > 50	micro roentgents? (Circle One) YES NO.
NONVI READINGS TAKEN! (CITCLE)	Jile) 168 NO	NORM (mR/hr)	mail excelled between the ambala it is
a title		BOTTOMS	enterna secondo da la
st Guage Feet	Inches Inches Inches Inches	BS&	W Received BS&W (%)
Ind Guage	THE	e apont primitalité stedue e	Free Water
Received	(1948) (194 74) (40)	Tot	al Received
hereby certify that the above load material has been (circle	e one): ACCEPTED	DENIED If der	nied, why?
NAME (PRINT)	DATE	TITLE	SIGNATURE

AL TO		Pag	e 1	50	of	<i>158</i>
ny M	an t	onta	Ct II	norr	nati	on

DO00	TEXAS NON-HAZARD	OUS OILFIELD WASTE MAN		impany Man Contact Information
NVIRONMENTAL SOLUTIONS	(P	LEASE PRINT) *REQUIRE	D INFORMATION*	one No
	GI	ENERATOR		77935
perator No.	Phillips	Permit/PPC No.	140.	11333
11-1	14000	Lease/Well	Whitehall !	= 11 000/1/1
perators Name ddress	1 Arre Sauno	Name & No County	El MILLER 18	50 CON 717
14/1/90	17	API No.	50-015-44	192
ity, State, Zip	7 47	Rig Name & No.		JA 8 og Maj Rid
hone No.	PLANT MARKET	AFE/PO No		A CONTRACTOR
	TE&P Waste/Service Identification and A	mount (place volume next to waste		
Dil Based Muds Dil Based Cuttings	NON-INJECTABLE WATERS Washout Water (Non-Injectable	ρ)		e and generation process of the waste)
Vater Based Muds Vater Based Cuttings	Completion Fluid/Flow Back (N	on-Injectable)	ENLVUM	Palacart said
roduced Formation Solids	Produced Water (Non-Injectable Gathering Line Water/Waste (I		ALL DESCRIPTION OF THE PARTY OF	Predoction
ank Bottoms &P Contaminated Soil	INTERNAL USE ONLY		month of the order of all	tillauf kalammennett
Gas Plant Waste	Truck Washout (exempt waste)			thought a
VASTE GENERATION PROCESS:	DRILLING COMPLETI	ON PRODUCTION	GATHERIN	G LINES
All non our	NON-EXEMPT E&P W empt E&P waste must be analysed and be belo	aste/Service Identification and Amoun	t	Nitu
Von-Exempt Other	sinpi Exir waste must be analysed and be belo		from Non-Exempt Waste List	
DUANTITY	D DARDELO			
	B-BARRELS	40 OFD D = 4 004	Y-YARDS	E-EACH
ackaged, and is in proper condition for transp	(s), is (are) not hazardous waste as defined by operation according to applicable regulation.	40 GFR Part 261 or any applicable state	law. That each waste has been	properly described, classified and
	field wastes generated from oil and gas explor load basis only)	ration and production operation and ar	e not mixed with non-exempt wa	ste (R360 Accepts certifications on a
RCRA NON-EXEMPT: Oil	field waste which is non-hazardous that does	not exceed the minimum standards for	waste hazardous by characterist	tics established in RCRA regulations,
	CFR 261.21-261.24, or listed hazardous waste ste as non-hazardous is attached. (Check the a		t D, as amended. The following of	documentation demonstrating the
		RCRA Hazardous Waste Analysis	Other (P	rovide Description Below)
(PRINT) AUTHORIZED AGENT	'S SIGNATURE	DATE	SIGNATURE	
	TR/	ANSPORTER		
ransporter's McMqB)	3 anxpartner	Driver's Name	Milbary	Puln mas
ddress H073765	· man	Phone No.	3379989764	17
110 772 7	7.77	Truck No.	17-16	
hone No.		WHP No.		<u> </u>
hereby certify that the above named materia	al(s) was/were picked up at the Generator's site	e listed above and delivered without in	cident to the disposal facility list	ed below.
SHIPMENT DATE	DRIVER'S SIGNATURE	DELIVERY DATE	DRIV	ER'S SIGNATURE
TRUCK TIME STAMP	DISPO	SAL FACILITY	RECEIVIN	IG AREA
IN: OUT:	3.0.	O'AM I PAGILITI	Name/No	
ite Name/				
ermit No. Red Bluff Facili	ity / STF-065 85, Orla, TX 79770	Phone No	2-448-4239	
NORM READINGS TAI	KEN? (Circle One) YES NO	If YES, was reading > 50 NORM (mR/hr)	I micro roentgents? (Circle Or	ne) YESNO
	TAN	K BOTTOMS		
et Guano Feet	Inches	COMPRESSION OF THE PROPERTY OF	W Received	BS&W (%)
st Guage		B29	Free Water	D3Q(V (70)
eceived		Tot	al Received	

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

NAME (PRINT)

DENIED

TITLE

ACCEPTED

DATE

If denied, why?

SIGNATURE

Company Man	Page	151 of	15
Company Ivian	Contact	mormat	IOII

GOLDEN SAN	and their	
A. bereit		
Mamo		

R360 VIRONMENTAL SOLUTIONS	TEXAS NON-TIAZA	(PLEASE PRINT) *REQUII	RED INFORMATION*	lame
1 1 1 1 1 1 1 1		GENERATOR	NO.	277939
perator No perators Name	7 7 7 6 /	Permit/PPC No. Lease/Well Name & No. County	5/2-10-25/	1 (1933)
		API No.	Color of the Color	April 62 PA
ione No.		AFE/PO No.	CANADA SALAR	ATE/PO no 19
	MPT E&P Waste/Service Identification and			
il Based Muds il Based Cuttings /ater Based Muds /ater Based Cuttings oduced Formation Solids ank Bottoms &P Contaminated Soil as Plant Waste	NON-INJECTABLE WATERS Washout Water (Non-Inject Completion Fluid/Flow Back Produced Water (Non-Inject Gathering Line Water/Was INTERNAL USE ONLY Truck Washout (exempt wa	table)	OTHER EXEMPT WASTES (n	/pe and generation process of the waste)
VASTE GENERATION PROCESS:	☐ DRILLING ☐ COMPL	ETION PRODUCTION	ON GATHERIN	NG LINES
	NON-EXEMPT E&	P Waste/Service Identification and Amo	ount	
on-Exempt Other	exempt E&P waste must be analysed and be l		P), Ignitability, Corrosivity adn Reac ct from Non-Exempt Waste Lis	
UANTITY	B-BARRELS	The second	2 Y-YARDS	E-EACH
	erial(s), is (are) not hazardous waste as defined	by 40 CFR Part 261 or any applicable st	tate law. That each waste has bee	n properly described, classified and
☐ RCRA EXEMPT: ☐ RCRA NON-EXEMPT:	Oil field wastes generated from oil and gas exper load basis only) Oil field waste which is non-hazardous that do 40 CFR 261.21-261.24, or listed hazardous was waste as non-hazardous is attached. (Check the MSDS Information	pes not exceed the minimum standards ste as defined by 40 CFR, part 261, subj	for waste hazardous by characteri part D, as amended. The following	stics established in RCRA regulations,
(PRINT) AUTHORIZED A	GENTS SIGNATURE	DATE	SIGNATURE	
100	T	RANSPORTER	10 - 201	
ansporter's ame		Driver's Name	I to the H	15111002
ddress	v 7.733	Phone No Truck No	117. 75	
none No.		WHP No.		
nereby certify that the above named ma	terial(s) was/were picked up at the Generator's	s site listed above and delivered withou	t incident to the disposal facility li	sted below.
SHIPMENT DATE	DRIVER'S SIGNATURE	DELIVERY DATE	DR	IVER'S SIGNATURE
TRUCK TIME STA		POSAL FACILITY	RECEIVI Name/No.	NG AREA
te Name/ ermit No. Red Bluff Fa	cility / STF-065 y 285, Orla, TX 79770	Phone No	432-448-4239	
NORM READINGS	STAKEN? (Circle One) YES NO	If YES, was reading > NORM (mR/hr)	- 50 micro roentgents? (Circle (One) YES NO
THE RESIDENCE	TA	ANK BOTTOMS		in * lightsch itt lakti -
st Guage Feet	Inches	B	S&W Received	BS&W (%)
nd Guage			Free Water	, LL meno centro
eceived			Total Received	
nereby certify that the above load mate	rial has been (circle one): ACCEPTED	DENIED If	denied, why?	the state of the s
NAME (PRINT)	DATE	TITLE	731-716	SIGNATURE

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

NAME (PRINT)

Released to Imaging: 9/19/2023 8:08:27 AM

t Guage

d Guage

@northstarforms.com

ceived

Blue-TRANSPORTER

DENIED

ACCEPTED

DATE

Yellow - GENERATOR

If denied, why?

TITLE

BS&W Received

Free Water

Total Received

308.R360-5160R

BS&W (%)

SIGNATURE

Company	Man Conta	ct Information	
Name	ZAL	JAMES AV	è

Page 153 of 158
Company Man Contact Information
Name 266 PRIVACE
Phone No. 132 781-863
303634
kadelem 446
94192 14194

VIRONMENTAL	(PLEASE F	'KINT) *REQUIRED I	NFORMATION*	one No. 132 761-86
	GENER/	ATOR	NO. 3	03634
perator No.		Permit/PPC No.	ell atteches restances according	Please No. Priville
perators NameCooco + ha		Lease/Well Name & No.	the following on h	Calebrary 446
ddress		County County	Leolet pritty galany	oli alayaki ayamasti
by State 7in		API No.	30-015-4	1192 1111
ty, State, Zip one No.		Rig Name & No AFE/PO No	the months And to the h	AFFIN No. Pront
	/Service Identification and Amount (pla		ne in barrels or cubic vard	s)
I Based Muds	NON-INJECTABLE WATERS			e and generation process of the waste)
Il Based Cuttings /ater Based Muds	Washout Water (Non-Injectable) Completion Fluid/Flow Back (Non-Injectab	ole)		
/ater Based Cuttingsoduced Formation Solids	Produced Water (Non-Injectable) Gathering Line Water/Waste (Non-Injecta	war of the day of the property		
Ink Bottoms &P Contaminated Soil	INTERNAL USE ONLY		acon Trace Vo zer	
as Plant Waste	Truck Washout (exempt waste)	an hyvensamen ye tina ye		
ASTE GENERATION PROCESS: DRILLIN	G COMPLETION	PRODUCTION	GATHERING	LINES
	NON-EXEMPT E&P Waste/Service	ce Identification and Amount	Management of the second	september 100 km (s/R. r.
All non-exempt E&P was	te must be analysed and be below threshold		ability, Corrosivity adn Reacti In Non-Exempt Waste List (
11.04(0):20(1):0		piease select iron		
JANTITY	B-BARRELS		Y-YARDS	E-EACH
ereby certify that the above listed material(s), is (are) not ckaged, and is in proper condition for transportation according	hazardous waste as defined by 40 CFR Part rding to applicable regulation.	261 or any applicable state law	V. That each waste has been p	properly described, classified and
RCRA EXEMPT: Oil field wastes giper load basis only	enerated from oil and gas exploration and p	production operation and are no	t mixed with non-exempt was	ste (R360 Accepts certifications on a
RCRA NON-EXEMPT: Oil field waste wh	nich is non-hazardous that does not exceed	the minimum standards for was	ste hazardous by characterist	ics established in RCRA regulations,
40 CFR 261.21-26 waste as non-haz	1.24, or listed hazardous waste as defined lardous is attached. (Check the appropriate is	by 40 CFR, part 261, subpart D, items as provided)	as amended. The following d	ocumentation demonstrating the
MSDS Information		rdous Waste Analysis	Other (Pr	ovide Description Below)
7*************************************		Tank Mark make	The state of the factor	All hours (20 suggests) bity at a
(PRINT) AUTHORIZED AGENTS SIGNATURE	DATE	- Propins	SIGNATURE	na thiid teachide)
insporter's	TRANSPO	ORTER	4	material annual e
me AcAabb Pa	CARREST TO THE PARTY OF THE PARTY	Driver's Name	Sesse Mars	talitateophienW.
dress C	E C 106/6	Phone No.	(575) 7645	202
one No.		Truck No WHP No		- <u>151 - 161 - 161 - 161 - 1</u>
ereby certify that the above named material(s) was/were			nt to the disposal facility liste	ed below.
CHE 17-3 LESS	IVER'S SIGNATURE	Coffee from	lesic 1t	eranced mismaton and
TRUCK TIME STAMP		DELIVERY DATE	RECEIVIN	R'S SIGNATURE
N:OUT:	DISPOSAL F		ame/No.	G ANEA
e Name/	E la curui di	HOUSE SECTION AND TRANSPORTER	THE RELEASE OF THE PARTY.	Post-mar accommends with
rmit No. dress Red Bluff Facility / STF-06 5053 US Hwy 285, Orla, TX		Phone No	18-4239	Season Smirroshine rate (1 se
NORM READINGS TAKEN? (Circle (If YES, was reading > 50 mic	cro roentgents? (Circle One	e) YES NO
250,000	TANK BOT	TOMS	. primiripas	o to harough to operate
Guage Feet	Inches Spring Line of the Indiana	BS&W R	oppium	III ON MARINE ANNI MUNICIPALITY.
d Guage			eceiveu	BS&W (%)
	n water and the comment of the	Free	e Water	BS&W (%)
ceived	in Activid und (400) and production of the contract of the con	Free Total R	e Water eceived	BS&W (%)
reby certify that the above load material has been (circle	one): ACCEPTED DEN	Free	e Water eceived	BS&W (%)
	one): ACCEPTED DEN	Free Total R	e Water eccived why?	BS&W (%)

NAME (PRINT)

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

Guage

d Guage

ceived

DENIED

ACCEPTED

DATE

BS&W Received

Free Water

Total Received

If denied, why?

BS&W (%)

SIGNATURE

TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

C	Page 1.	55 of 158
Company Man	Contact II	normation

N	a	m	ò	

EQUIRED INFORMATION*	Ivaille
EQUINED INFUNIVIATION	DESCRIPTION AND

SOLUTIONS			Phone No	on the same of
	GEN	IERATOR	No. 27793	37
)perator No.	1 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1	Permit/PPC No. Lease/Well	Storie Windstake	State P
)perators Name		Name & No.	Francisco P. S.	1=/x /
Address	77701	County _	30-015-441	90
ity, State, Zip		Rig Name & No.		Mary No.
hone No.	/Carries Identification and Amer	AFE/PO No	oto timo in hazzala az aubia vardal	
Dil Based Muds	NON-INJECTABLE WATERS	ant (place volume next to wa	ste type in barrels or cubic yards) OTHER EXEMPT WASTES (type and generation	process of the waste)
Dil Based Cuttings Water Based Muds	Washout Water (Non-Injectable) Completion Fluid/Flow Back (Non-I	niectable)		million .
Water Based Cuttings Produced Formation Solids	Produced Water (Non-Injectable) Gathering Line Water/Waste (Non-		April Man	ant Y
Tank Bottoms -&P Contaminated Soil	INTERNAL USE ONLY		- KIELLY JOHN CONT	-(-/-
Gas Plant Waste	Truck Washout (exempt waste)			DIAL III
WASTE GENERATION PROCESS: DRILLIN		PRODUCTIO		
All non-exempt E&P was		e/Service Identification and Amo rreshold limits for toxicity (TCLP)	unt , Ignitability, Corrosivity adn Reactivity.	
Non-Exempt Other		*please selec	ct from Non-Exempt Waste List on back	upadil .
DUANTITY	B-BARRELS		Y-YARDS E-F	EACH
hereby certify that the above listed material(s), is (are) not ackaged, and is in proper condition for transportation acco		FR Part 261 or any applicable sta	ate law. That each waste has been properly descri	bed, classified and
RCRA EXEMPT: Oil field wastes g per load basis on		on and production operation and	are not mixed with non-exempt waste (R360 Acce	pts certifications on a
40 CFR 261.21-26	1.24, or listed hazardous waste as d ardous is attached. (Check the appro	lefined by 40 CFR, part 261, subp	for waste hazardous by characteristics established art D, as amended. The following documentation of Other (Provide Description)	demonstrating the
			- 1)	
(PRINT) AUTHORIZED AGENTS SIGNATURE		DATE	SIGNATURE	
ransporter's	TRAN	SPORTER	-/ // -/	- S
Value		Driver's Name Phone No	1 - March 1 12 Car	1 (2
File Min Art.		Truck No	100-81	
hone No. hereby certify that the above named material(s) was/were	nicked up at the Generator's site lie	WHP No. —	incident to the disposal facility listed below	
13-1-23 / Janes	F F Guer	2/1/23	1-245 (11/22)	
SHIPMENT DATE DI	RIVER'S SIGNATURE	AL FACILITY	RECEIVING AREA	
IN: OUT:	DISFUS	AL FAGILITY	Name/No.	
ite Name/ Permit No. Red Bluff Facility / STF-00	55	Phone No. 4	32-448-4239	
Address <u>5053 US Hwy 285, Orla, TX</u>	(79770			
NORM READINGS TAKEN? (Circle	One) YES NO	If YES, was reading > NORM (mR/hr)	50 micro roentgents? (Circle One) YES	NO
East		BOTTOMS	' same withmens by him on the	
st Guage Feet	Inches	BS	&W Received BS&W (9	%)
Ind Guage Received	THE PART OF THE PA	10 10 TO THE RESERVE OF THE RESERVE	Free Water Total Received	ministral
hereby certify that the above load material has been (circl	e one): ACCEPTED	A CREATE HAVE BURNETED	denied, why?	mass .
	11/-	1/1	THIN I CAN BE	
NAME (PRINT)	DATE	TITLE	SIGNATURÉ	

TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

R360 7

(PLEASE PRINT)

REQUIRED INFORMATION

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Company	Man	Contact	intorma	mon.

Name

	Pł	10	ne	N
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				No receipts	THE SECTION AND ADDRESS OF THE SECTION ADDRESS OF THE S
		GEN	ERATOR	NO. 30	3635
perator No) in	Permit/PPC No.		About - old south
perators Name	rece Shilton	Albahiyya milibasa ibay	Lease/Well Name & No.	siele Wieler Fr	e Conx 4H
ddress (=)	C in admitshing	non while is would	County	foldy	Commission Provides
- AT	Mand Th	Activity of the first	API No.	56 in 665 in 4919	AND
ity, State, Zip	201 80-0	ark(PI) cala Census Errors pr	Rig Name & No AFE/PO No	ners i semantere al prime à	AFTUP No F
TENNE IVO.	EXEMPT E&P Waste/Service	e Identification and Amou		ste type in barrels or cubic yards)	
Dil Based Muds	NON-	NJECTABLE WATERS		OTHER EXEMPT WASTES (type a	nd generation process of the waste)
Dil Based Cuttings Water Based Muds		out Water (Non-Injectable) etion Fluid/Flow Back (Non-I	niectable)	- If we sait parties above buildings	Drelling - Wasterg
Water Based Cuttings Produced Formation Solids	Produ	ced Water (Non-Injectable) ring Line Water/Waste (Non-		The street or records at the street	managed and the services of th
Tank Bottoms		NAL USE ONLY	Table Table Teacher Teacher	Man Jesuny amon't usely - hein	(Loommed Internation Femily
E&P Contaminated Soil Gas Plant Waste	Truck	Washout (exempt waste)	uriwalin makampinim estrain	man in crow by right comm	it ov -diagnificat
WASTE GENERATION PROCES	SS: DRILLING	COMPLETION	PRODUCTION PRODUCTION	ON GATHERING L	INES
	All non-exempt E&P waste must	NON-EXEMPT E&P Waste be analysed and be below the), Ignitability, Corrosivity adn Reactivit	
Non-Exempt Other			*please sele	ct from Non-Exempt Waste List on	back
QUANTITY	B-B	ARRELS	on the willing the winter	Y-YARDS.	E-EACH
hereby certify that the above list ackaged, and is in proper conditi	ed material(s), is (are) not hazardo on for transportation according to	ous waste as defined by 40 C applicable regulation.	FR Part 261 or any applicable st	ate law. That each waste has been pro	operly described, classified and
RCRA EXEMPT:	Oil field wastes generate per load basis only)	d from oil and gas exploration	n and production operation and	are not mixed with non-exempt waste	e (R360 Accepts certifications on a
RCRA NON-EXEMPT:	Oil field waste which is n	on-hazardous that does not	exceed the minimum standards	for waste hazardous by characteristics part D, as amended. The following doc	s established in RCRA regulations,
	waste as non-hazardous	is attached. (Check the appro	opriate items as provided)	Y	
manda etti yunna	MSDS Information	☐ RCF	RA Hazardous Waste Analysis	Uther (Prov	ride Description Below)
	and the statement of the statement of		11A/R)	to the world	The could produce the world
(PRINT) AUTH	ORIZED AGENTS SIGNATURE		DATE	SIGNATURE	
ransporter's	y had y prompted by	TRAN	SPORTER	apa apa	Action (Charge Control of
Vame and a second of the	haratata de 1171	1.75	Driver's Name _	SS 10 10 10 10 10 10 10 10 10 10 10 10 10	Barringham Danies
Address	Herkolog a Adda	1000	Phone No Truck No	1/5/3/4	
Phone No.	ROM RIPORCSO		WHP No.		per manual activity a
hereby certify that the above nar	med material(s) was/were picked	up at the Generator's site lis	ted above and delivered withou	t incident to the disposal facility listed	below.
SHIPMENT DATE	DRIVER'S S	GNATURE	DELIVERY DATE	DRIVER:	S SIGNATURE
TRUCK TIM	E STAMP	DISPOS	AL FACILITY	RECEIVING	AREA
IN: 1 White to the	OUT:	mind from Parts use t	ming mind horizone absorb ;	Name/No	rante Inconscience
Site Name/	WE WAY LOTE OF		e Pennanganan Se Pennangankan	100 440 4000	Activities consumered
	uff Facility / STF-065 S Hwy 285, Orla, TX 7977	70	Phone No.	132-448-4239	Problem 1
to the Ameliana	DINGS TAKEN? (Circle One)	YES NO	If YES was reading >	50 micro roentgents? (Circle One)	YES NO
in management is the	in mind mind and a sure one)	A Chinas rula	NORM (mR/hr)	mode another horizon	ndina tipo mala anti-
Fe	ot	TANK	BOTTOMS	and internet as the	to-Alterdatu, est appareixante reprosessa bignellumumista =
1st Guage		Toption true to play	and the second of the B	S&W Received	BS&W (%)
2nd Guage Received		1 10 10 10 10 10 10 10 10 10 10 10 10 10	neu Harit sam san usung sang	Free Water Total Received	41mm boutque
	d margini kan kan dalam k	ACCEPTED	pth that all of the many in the contributions	TOTAL TOTAL WITHOUT ETC.	tronous components :
hereby certify that the above loa	(1)	ACCEPTED	wantermeter Children	denied, why?	MATURE J
NAME (PRIN		DATE	TITLE	stunity t elf-opmatiant	groups to about consts *:

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

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

CONDITIONS

Created	Condition	Condition
Ву		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