ENSOLUM

February 3, 2025

New Mexico Oil Conservation Division 1220 South St. Francis Drive Santa Fe, New Mexico 87505

Re: Closure Request Poker Lake CVX JV BS 015H Incident Number nAPP2415233132 Eddy County, New Mexico

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of XTO Energy, Inc. (XTO), has prepared the following *Closure Request* to document excavation and soil sampling activities performed at the Poker Lake CVX JV BS 015H (Site). The purpose of the excavation and soil sampling activities, conducted in accordance with an approved *Remediation Work Plan* (*Work Plan*), was to address impacted soil from a release of crude oil and produced water at the Site. XTO is submitting this *Closure Request*, describing excavation activities that have occurred and requesting no further remediation for Incident Number nAPP2415233132.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit B, Section 23, Township 24 South, Range 30 East, in Eddy County, New Mexico (32.20955°, -103.84871°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On May 15, 2024, corrosion on a production flow line resulted in the release of 2 barrels (bbls) of crude oil and 6 bbls of produced water onto the surface of the adjacent lease road and pasture. No fluids were able to be recovered. XTO reported the release to the New Mexico Oil Conservation Division (NMOCD) on a Notification of Release (NOR) and an Initial C-141 Application (C-141) on May 31, 2024. The release was assigned Incident Number nAPP2415233132.

Ensolum conducted Site assessment and delineation activities and presented the results in a *Work Plan*. The *Work Plan* was submitted on August 8, 2024, and approved by the NMOCD on August 9, 2024. The *Work Plan* proposed excavation of impacted soil identified during delineation soil sampling activities. An estimated 300 cubic yards of total petroleum hydrocarbon (TPH) and chloride impacted soil was to be excavated until confirmation floor and sidewall soil samples confirmed impacts to soil were removed. Following removal of soil, the excavation would be backfilled and recontoured to match pre-existing Site conditions and the pasture area be reseeded with an approved BLM seed mix.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

As documented in the approved *Work Plan*, the following NMOCD Table I Closure Criteria (Closure Criteria) apply:

• Benzene: 10 milligrams per kilogram (mg/kg)

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- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- TPH-gasoline range organics (GRO) and TPH-diesel range organics (DRO): 1,000 mg/kg
- Total TPH: 2,500 mg/kg
- Chloride: 20,000 mg/kg

A reclamation requirement of 600 mg/kg chloride and 100 mg/kg TPH applies to the top 4 feet of pasture area that was impacted by the release, per 19.15.29.13.D (1) NMAC for the top 4 feet of areas that will be reclaimed following remediation.

EXCAVATION AND SOIL SAMPLING ACTIVITIES

On November 19, 2024, Ensolum personnel were onsite to oversee excavation of impacted soil identified from delineation activities, and according to the approved *Work Plan.* Excavation activities were performed by the use of heavy equipment. To direct excavation activities, soil was field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach[®] chloride QuanTab[®] test strips. Once field screening indicated impacted soil was adequately removed, 5-point composite soil samples were collected every 200 square feet from the floor and sidewalls of the excavation extent. The 5-point composite samples were collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. Confirmation soil samples FS01 through FS30 were collected from the floor of the excavation at depths ranging from 1-foot below ground surface (bgs) to 3 feet bgs. Confirmation soil samples SW01 through SW04 were collected from the sidewalls of the excavation activities are presented on Figure 1. The confirmation soil sample locations were mapped utilizing a handheld global positioning system (GPS) unit and are depicted on Figure 2. Photographic documentation of the excavation activities and final excavation extent is provided in Appendix A.

The soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures to Cardinal Laboratories (Cardinal) in Hobbs, New Mexico, for analysis of the following contaminants of concern (COCs): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-GRO, TPH-DRO, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following Standard Method SM4500.

The final excavation extent measured approximately 5,340 square feet. A total of approximately 200 cubic yards of impacted soil were removed during the excavation activities. The impacted soil was transported and disposed of at R360 Landfill in Hobbs, New Mexico. Copies of the soil disposal manifests are included in Appendix B. The final excavation was backfilled on November 20, 2024, with material purchased locally and recontoured to match pre-existing Site conditions. One representative 5-point composite sample (BF01) was collected from the topsoil backfill material. The backfill soil sample was collected and handled as described above and submitted to Cardinal for the same COCs listed above.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for all excavation and sidewall confirmation soil samples indicated all COC concentrations were compliant with the Site Closure Criteria and reclamation requirements. Laboratory analytical results for backfill soil sample BF01 indicated COC concentrations were below reclamation



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requirements. Laboratory analytical results are summarized in Table 1 and the complete laboratory analytical report is included in Appendix C.

RECLAMATION PLAN

The Site will be seeded with BLM seed mix #2 for sandy sites, specifically in those areas off the lease road and in the pasture, at the rate specified in pounds of pure live seed (PLS) per acre during the next BLM recommended planting season.

Species/Cultivar	PLS/Acre
Sand lovegrass (Eragrostis trichodes)	1.0
Sands dropseed (Sporobolus cryptandrus)	1.0
Plains bristlegrass (Setaria macrostachya)	2.0

The seed mix will be applied via drill seeding or broadcast seeding. If broadcast seeding is selected, the PLS/acre will be doubled, and the seed will be raked in by chaining or dragging the Site. Reclamation activities will be documented with photographs and included in a *Re-Vegetation Report*.

CLOSURE REQUEST

Excavation activities were conducted at the Site in accordance with the *Work Plan* to address the May 2024 crude oil and produced water release. The *Work Plan*, dated August 8, 2024, is included in Appendix D. Laboratory analytical results for all final excavation soil samples collected from the final excavation extent indicated all COC concentrations were compliant with the Site Closure Criteria and reclamation requirements. Based on the soil sample laboratory analytical results, no further remediation is required. The excavation was backfilled with material purchased locally and the Site recontoured to match pre-existing Site conditions.

Excavation of soil has removed impacted soil from the area. XTO believes these remedial actions are protective of human health, the environment, and groundwater. As such, XTO respectfully requests closure for Incident Number nAPP2415233132.

A *Re-vegetation Report* will be submitted to the NMOCD once vegetation growth in the reclaimed pasture area has uniform vegetative cover that reflects a life-form ratio of plus or minus 50 percent (%) of pre-disturbance levels and a total percent plant cover of at least 70% of pre-disturbance levels, excluding noxious weeds, per NMAC 19.15.29.13 D.(3).



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

Sincerely, Ensolum, LLC

Tree Hittart

Tracy Hillard Project Engineer

Daniel Moir, PG (licensed in WY & TX) Senior Managing Geologist

cc: Colton Brown, XTO Kaylan Dirkx, XTO BLM

Appendices:

- Figure 1 Delineation Soil Sample Locations
- Figure 2 Excavation Soil Sample Locations
- Table 1Soil Sample Analytical Results
- Appendix A Photographic Log
- Appendix B Soil Disposal Manifests
- Appendix C Laboratory Analytical Reports & Chain-of-Custody Documentation
- Appendix D Remediation Work Plan, dated August 8, 2024





FIGURES

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TABLES

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	TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS Poker Lake CVX JV BS 015H XTO Energy, Inc Eddy County, New Mexico									
Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000
				D	elineation Soil Sa	amples			1	
SS01	06/10/2024	0.5	<0.050	<0.300	10.1	689	151	699	850	5,200
SS01	06/26/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SS02	06/10/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SS03	06/10/2024	0.5	<0.050	<0.300	<10.0	42.9	<10.0	43.0	43.0	1,390
SS04	06/10/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
SS05	06/10/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SS06	06/10/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SS07	06/10/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SS08	06/10/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SS09	06/10/2024	0.5	<0.050	<0.300	100	854	134	1,088	1,088	112
SS09	06/26/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
SS09	06/26/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SS09	06/26/2024	5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SS10	06/10/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
BH01	06/26/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
BH01	06/26/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
	Ī				onfirmation Soil S		I		T	
FS01	11/19/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
FS02	11/19/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS03	11/19/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
FS04	11/19/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
FS05	11/19/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS06	11/19/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
FS07	11/19/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
FS08	11/19/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS09	11/19/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS10	11/19/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
FS11	11/19/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
FS12	11/19/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS13	11/19/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS14	11/19/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS15	11/19/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
FS16	11/19/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS17	11/19/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS18	11/19/2024	1	< 0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
FS19	11/19/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
FS20	11/19/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0

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E N S O L U M

	TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS Poker Lake CVX JV BS 015H XTO Energy, Inc Eddy County, New Mexico									
Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000
FS21	11/19/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
FS22	11/19/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
FS23	11/19/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
FS24	11/19/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
FS25	11/19/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
FS26	11/19/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
FS27	11/19/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
FS28	11/19/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
FS29	11/19/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
FS30	11/19/2024	1	<0.050	<0.300	<10.0	28.2	<10.0	28.2	28.2	480
SW01	11/19/2024	0-1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
SW02	11/19/2024	0-3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	416
SW03	11/19/2024	0-1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
SW04	11/19/2024	0-1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
				Backfi	II Confirmation S	oil Sample				
BF01	11/20/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

Concentrations in ${\rm bold}$ exceed the NMOCD Table I Closure Criteria or reclamation requirement where applicable.

GRO: Gasoline Range Organics DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

NMAC: New Mexico Administrative Code Grey text indicates soil sample removed during excavation activities



APPENDIX A

Photographic Log

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Appendix B

Disposal Manifests

CONTROL OF PARTY	IVIRONMENTAL			OUS OILFIELD WAS		Company Man Contact Informat
	SOLUTIONS		(PLEAS	E PRINT) *REQU	UIRED INFORMATION*	Phone No. <u>595 9884</u>
		No. Strange	GENE	RATOR	NO	HW- 708691
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Plant Weste Tack Westen Tack	nk Bottoms			ectable)		
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All non-sering L&P works function and the analysis and the below strends limits for transform for A-secing Wask List on back PROSAL QUANTITY B - BARRELS L - LUUID Y - VARDS E - E-CH Prover of the above listed materials), is larel, not hazardous wasta as defined by 40 CFR Part 261 or any applicable state law. That each waste has then properly described, classified an caped, and is in proper confilm for transportation according to applicable regulation. PRORA EXEMPT OF The device waste for an analysis of transportation according to applicable state law. That each waste has then properly described, classified an per load basis only RCRA KOM-EXEMPT OF Indel waste well according to applicable state law. That each waste has then properly described, classified an oper load basis only RCRA KOM-EXEMPT OF Indel waste well according to applicable state law. That each waste has anony waste (RSBO Accepts certifications of per load basis only) RCRA KOM-EXEMPT OF Indel waste well according to the according the applicable state law. That each wester has a non-hazardous waste as defined by 40 CFR part 20; subpart 0, as amended. The following documentation demonstrating the waste as a non-hazardous that the appropriate hardware the paperprise them as per voided waste as an on-hazardous waste as defined by 40 CFR part 20; subpart 0, as amended. The following documentation demonstrating the waste as an on-hazardous waste as defined by 40 CFR part 20; subpart 0, as amended. The following documentation demonstrating the waste as a non-hazardous waste as defined by 40 CFR part 20; subpart 0, as amended. The following documentation demonstrating the waste as anon-hazardous waste as defined by 40 CFR part 20; waste must according the wast	ASTE GENERATION PROCESS:	DRILLING		PRODUC	CTION GATH	ERING LINES
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Performation of the above listed materials), is (are) not hazardous waste as defined by 40 CFR Part 281 or any applicable state law. That each waste has been properly described, classified and scaped and is in proper condition for transportation according to applicable regulation. CRA ACKMPT: CRA NON-EXEMPT: CRA NON-EXEMPT: CR	on-Exempt Other					
Ale and is in proper conduction for transportation according to applicable regulation. PCRA EXEMPT: Per load basis only RCRA NON-EXEMPT: Per load basis only RCRA NON-EXEMPT: Per load basis only RCRA NON-EXEMPT: Per load basis only RCRA NON-EXEMPT: Per load basis only RCRA NON-EXEMPT: Per load basis only RCRA NON-EXEMPT: Per load basis only RCRA NON-EXEMPT: Per load basis only RCRA NON-EXEMPT: Per load basis only RCRA NON-EXEMPT: Per load basis only RCRA NON-EXEMPT: Per load basis only RCRA NON-EXEMPT: Per load basis only RCRA NON-EXEMPT: Per load basis only RCRA NON-EXEMPT: Per load basis only RCRA NON-EXEMPT: Per load basis only RCRA NON-EXEMPT: Per load basis only RCRA NON-EXEMPT: Per load basis only RCRA NON-EXEMPT: Per load	POSAL QUANTITY	B - BARR	ELS	L - LIQUID	Y - YARDS 2	E - EACH
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 of per load basis only) RCRA NON-EXEMPT: Oil field wastes which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulation 40 CH7, part 251, subpart D, as amended. The following documentation demonstrating the wastes a non-hazardous is attached. (Nock the appropriate items as provided) CREA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulation 40 CH7, part 251, subpart D, as amended. The following documentation demonstrating the waste as on-hazardous waste description of the waste must accompare the some ordered by the Department of Public Safety (the order, documentation of non-hazardous waste description of the waste must accompare this form) EMERGENCY NON-OULFIED Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous wast description of the waste must accompare this form) resporter's nee Driver's Name Phone No. Driver's Name Phone No. Driver's Some Septort FOcket # DISPOS AL FACILITY RECEIVING AREA Name/No. Septort FOcket # DISPOS AL FACILITY Received Duriver's Somature Name/No. Septort FOCK	reby certify that the above listed mate	erial(s), is (are) not hazardous w	aste as defined by 40 CFR	Part 261 or any applicable	e state law. That each waste has	been properly described, classified and
PCRA NON-EXEMPT per load basis only 0 Field wasts which is non-hazardous that does not exceed the minimum standards for wasts hazardous by characteristics established in RCRA regulati 40 CRF 20124, 2	kaged, and is in proper condition for ti	transportation according to appli	icable regulation.			
AUCH 2017-20124 02, or listed hazardous waste as defined by 40 CFR, part 201, as amended. The following documentation demonstrating the waste son charardous, non-officiel waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous wast determination and a description of the waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous wast determination and a description of the waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous wast determination and a description of the waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous wast determination and a description of the waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous wast determination and a description of the waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous wast determination and a description of the waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous wast determination and a description of the waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous wast determination and a description of the waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous wast determination and a description of the waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous wast determination of non-hazardous wast determination and a description of the waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous wast determination and a description of the waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous wast determination and a descriptin determination and determination and determinati		per load basis only)	n on and gas exploration a	ind production operation a	ind are not mixed with non-exem	pr waste (hood Accepts certifications o
	_ EMERGENCY NON-OILFIELD	Emergency non-hazardous, nor determination and a descriptio	n-oilfield waste that has be on of the waste must accon	een ordered by the Departi npany this form)	ment of Public Safety (the order,	documentation of non-hazardous wast
	(PRINT) AUTHORIZED A	GENTS SIGNATURE	D			
			TDANO	State of the local division of the local div	SIGNATI	JRE
ne No. Phone No. isporter Ticket # Truck No. eby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below. SHIPMENT DATE DRIVER'S SIGNATURE TRUCK TIME STAMP DISPOSAL FACILITY I: OUT: OUT: Name/No. Mame/ 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220 NORM READINGS TAKEN? (Circle One) YES NORM READINGS TAKEN? (Circle One) YES PASS THE PAINT FILTER TEST? (Circle One) YES Suage Eeet Inches BS&W/BBLS Received BS&W/BBLS Received BS&W (%) Free Water Total Received BS&W (%) Free Water Total Received DENED BSW (%) If denied, why?			TRANS	PORTER		all south
eby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below. SHIPMENT DATE DRIVER'S SIGNATURE TRUCK TIME STAMP DISPOSAL FACILITY RECEIVING AREA \u0071	ne – – – – – – – – – – – – – – – – – – –	A	TRANS	PORTER Driver's Name		all south
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R360	NEW MEXICO NON-HAZARI (PLE/	DOUS OILFEILD WASTE M ASE PRINT)	IANIFEST Company Man Contact Information Name And Contact Information Name And Contact Information Name And Contact Information
	GEN	ERATOR	NO. AD-0 017675
Generator Manifest #:		Location of Origin	AD-0 017075
		Lease/Well Name & No.	AND THE IN IS ALL
Generator Name X10			PLU LUX JU BS OLSH
Address		County API No.	
City State Zin		Rig Name & No.	A REAL PROPERTY AND A REAL
City, State, Zip Phone No.	and the second	AFE/PO No.	THE REPORT OF A PARTY
	/aste/Service Identification and Amour	at (place volume next to wa	ste type in harrels or cubic vards)
Oil Based Muds	NON-INJECTABLE WATERS		OTHER EXEMPT E&P WASTE STREAMS
Oil Based Cuttings	Washout Water (Non-Injectable)		
Water Based Muds Water Based Cuttings	Completion Fluid/Flow back (Non-Injecta Produced Water (Non-Injectable)	able)	7
Produced Formation Solids	Gathering Line Water/Waste (Non-Inject		Being DUMP
Tank Bottoms	INTERNAL USE ONLY	and the second s	TOP SOIL & CALICHE SALES QUANTITY TOP SOIL CALICHE
Gas Plant Waste	Truck Washout (exempt waste)	YES NO	
WASTE GENERATION PROCESS:			PRODUCTION GATHERING LINES
All non-exempt E&P Non-Exempt Other	NON-EXEMPT E&P Waste waste must be analysed and be below the t		
DISPOSAL QUANTITY	B - BARRELS	L - LIQUID	Y - YARDS 20 E - EACH
Ioad is (Check the appropriate classification) RCRA EXEMPT: Oil field wastes load basis only) RCRA NON-EXEMPT: Oil field wastes CFR 261.21-261	s generated from oil and gas exploration and) which is non-hazardous that does not excee 1.24, or listed hazardous waste as defined by is attached. (Check the appropriate items a	production operations and are d the minimum standards for w v 40 CFR, part 261, subpart D, as s provided)	ncy's July 1988 regulatory determination, the above described waste not mixed with non-exempt waste (R360 Accepts certifications on a pe aste hazardous by characteristics established in RCRA regulations, 40 amended. The following documentation demonstrating the waste as Other (Provide Description Below)
determination	n-hazradous, non-oilfeild waste that has bee and a desciption of the waste must accomp		f Public Safety (the order, documentation of non-hazardous waste
(PRINT) AUTHORIZED AGENTS NAME	TDAN	ISPORTER	
ULCAIN OWNER	NS IRAN	ISPURIER	
Transporter's Name 5318 Urb C	et al	Driver's Name	Jesus Franco
Address		Print Name	
Phone No.		Phone No.	
Transporter Ticket #		Truck No.	03
I hereby certify that the above named material(s) wa	as/were picked up at the Generator's site lis	ted above and delivered withou	t incident to the disposal facility listed below.
		1-19.	
	DRIVER'S SIGNATURE		RECEIVING AREA
TRUCK TIME STAM	DISPUS	AL FACILITY	
IN: OUT:			Name/No.
Site Name/ Permit No. Antelope Draw Facility	- Permit #	Phone No.	575-236-1734
Address 476 Battle Axe Rd. , Jal, NM 8			
NORM READINGS TAKEN? (Circle Or		If YES, was readir	ng > 50 micro roentgens? (circle one) YES NO
		NO	and the subscreek with the subscreek
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PASS THE PAINT FILTER TEST? (Circle Or	TANK	BOTTOMS	14日本に、「「「「「「「「「「「「「」」」」」
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Feet Feet	Inches	ANTER STREET	W/BLS Received BS&W (%)
Feet		ANTER STREET	W/BBLS Received BS&W (%) Free Water Total Received

Received by O	CD: 2	4/2025	8:22:48	AM
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						A COLORADO					
		30	Completion Fluid	d/Flow back (Non-	Injectable)		El ano				
In Biological California IDM Solute California IDM Solute California In Control Solute California Track Washout (see more with) YEs NO QUANTITY IDM Solute California STEE CENERATION PROCESS: DRUE SOLUTION CALIFORN PRODUCTION CALIFORN Address earching E&P washe must be analyzed and be below the threaded ministration and Annotes IDM Solute California California Address earching E&P washe must be analyzed and be below the threaded ministration on the compart Waste Life on back E-EACH WORKS CALIFORNIA B - BARRELS L-UQUID Y - VARDS E-EACH WORKS CALIFORNIA B - BARRELS L-UQUID Y - VARDS E-EACH WORKS CALIFORNIA Diffield wastes generated from oil and ge septoration and protection Agency's July 1388 regulatory determination, the above described wastes In GRA EXEMPT: Oil field wastes generated from oil and ge septoration and protection Agency's July 1388 regulatory determination, the above described wastes In CRA EXEMPT: Oil field waste generated from oil and ge septoration and protection Agency's July 1388 regulatory determination, the above described wastes In CRA WASD Information In CRA HERMONE XIERA In CRA HERMONE XIERA In CRA WASD Information In CRA HERMONE XIERA MARING IN CONTROL CALIFIERA In	ater Based Cuttings	1-1-1			Intertable)		1	eun	OUMP .	and share -	
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				The state of the second	VEC	NO	QUANTITY	Carly Salling	TOP SOIL	CALICHE	
Set CENERATION PROCESS:		The second second	Truck Washou	t (exempt waste)	YES	NO	QUANTIT	1	and the second second	1000	
NUME DICART E BP Watcher must be analysed and to below the threshold limits for next(if UCL) glackability. Correlating and Reactively. In Secrept Other **abcase select from Non-Secrept Water List on book POSAL QUANTITY B - BARRELS L - LIQUID V - VAROS E - EACH Presse select from Non-Secrept Water List on book V - VAROS E - EACH Presse select from Non-Secrept Water List on book E - EACH Presse select from Non-Secrept Water List on book E - EACH Presse select from Non-Secrept Water List on book E - EACH Presse select from Non-Secrept Water List on book E - EACH Presse select from Non-Secrept Water Matcher Secreption Released To the Non-Secrept Water Matcher Secreption Released To the Solution operations and a root material Non-Secrept Water Matcher Secreption Released To the Solution Operations Released To the Solution Operation Released To the Released Released To the Released Releas		A MARKET PL	DRILLING	Marshall I.	COMPLETION		PRODUCTION		GATHERING	LINES	
All non-exempt E&P waste must be analysed and be below the thercheld Immile for toxicity (TCP), just all https://www.etel.execution.com/exempt Waste Links of an Dock PROME Work in the Resource Conservation and Recovery Act (RCRA) and the USE Environmental Protection Agency's July 1988 regulatory determination, the above described waste dis (Check the appropriate classification) RCRA NON-PERMIT: Diffed waste generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (RSBO Accepts certifications on a Dard Basis only) RCRA NON-PERMIT: Diffed waste generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (RSBO Accepts certifications, 40 CPC 2012-2012, 40, or listed hazardous waste as defined by 40 CPC, part 265, tobpart 0, as amended. The following documentation demonstrating the waste a non-hazardous is tatached. (Neck the appropriate learns in production operations) RCRA NON-PERMIT: Diffed waste which is non-hazardous, waste as defined by 40 CPC, part 265, tobpart 0, as amended. The following documentation demonstrating the waste a non-hazardous is tatached. (Neck the appropriate learns in production operations) RCRA NON-PERMIT: Diffed waste which is non-hazardous, toon-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste amporter/			N	ON EVENADT ER.D.	Naste/Service Ide	tification and Am	ount		1	1000	
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reby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste Is (CRA EXEMPT: OIL field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a Is (CRA 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 261,21,261,27, or listee hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste at on-hazardous is takefueld. (Check the approvide) (Check met provides)	POSAL QUANTITY			B - BARRELS		L - LIQUID		Y - YARDS	20	E - EACH	
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ame Print Name indee So Phone No. ansporter Ticket # Truck No. sereby 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. sereby 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. sereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below. SHIPMENT DATE DELIVERY DATE DELIVERY DATE DELIVERY DATE DUT: DELIVERY DATE OUT: DELIVERY DATE Antelope Draw Facility - Permit # Phone No. 476 Battle Axe Rd. , Jal, NM 88252 NO NORM READINGS TAKEN? (Circle One) YES NO YES NO If YES, was reading > 50 micro roentgens? (circle one) YES NO PASS THE PAINT FILTER TEST? (Circle One) YES NO YES NO Inches Inches BS&W/BBLS Received BS&W (%) Total Received Ind Gauge Inches BS&W/BBLS Received Total Received Total Received	(PRINT) AUTHORIZED AGENTS	determination ar	hazradous, non-o nd a desciption of	ilfeild waste that h the waste must a	has been ordered l ccompany this for	DATE		4	nentation of non-ha	azardous waste	
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Image: Device Signature Phone No. ansporter Ticket # Truck No. intereby 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. DELIVER DATE SHIPMENT DATE DRIVER'S SIGNATURE TRUCK TIME STAMP DISPOSAL FACILITY N: OUT: te Name/ Antelope Draw Facility - Permit # Phone No. 575-236-1734 arrend Provide Statken? (Circle One) YES NORM READINGS TAKEN? (Circle One) YES PASS THE PAINT FILTER TEST? (Circle One) YES Feet Inches BS8W/BBLS Received BS8W (%) Freet Inches BS8W/BBLS Received BS8W (%) Freet Inches BS8W/BBLS Received BS8W (%) Free Water Total Received Total Received SSRW (%) Inches DENED Interest prover bload material has been (circle one): ACCEPTED DENED If denied, why?	(PRINT) AUTHORIZED AGENTS	determination ar	hazradous, non-o nd a desciption of	ilfeild waste that h the waste must a	has been ordered l ccompany this for	m) DATE RTER		4	nentation of non-ha	azardous waste	
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Received by OCD: 2/4/2025 8		AZARDOUS OILFIELD WA	STE MANIFEST	Page 17 of 1. Company Man Contact Information
R360		(PLEASE PRINT) *RE	QUIRED INFORMATION*	Phone No.
		GENERATOR	NO.	HW- 694303
Generator Manifest #		Location of Origin	Due no	Ju 10043431
Generator Name	/ 400	Lease/Well Name & No. County API No.		N.S
City, State, Zip		Rig Name & No. AFE/PO No.		THE ALCOUNT OF
	IPT E&P Waste/Service Identification an	and the second state of th	o waste type in barrels or cubic	yards)
Oil Based Muds Oil Based Cuttings Waste Based Muds Water Based Cuttings Produced Formation Solids Tank Bottoms E&P Contaminated Soil Gas Plant Waste	NON-INJECTABLE WATER: Washout Water (Non-Injec Completion Fluid/Flow Bac Produced Water (Non-Injec Gathering Line Water/Was INTERNAL USE ONLY Truck Washout (exempt wa	table)	OTHER EXEMPT E&P W	
WASTE GENERATION PROCESS:				ERING LINES
All non- Non-Exempt Other	NON-EXEMPT E& exempt E&P waste must be analysed and be		d Amount (TCLP), Ignitability, Corrosivity adn R select from Non-Exempt Waste	
DISPOSAL QUANTITY	B - BARRELS	L - LIQUID	7 Y-YARDS	E - EACH
	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 wa waste as non-hazardous is attached. (Check to MSDS Information Emergency non-hazardous, non-oilfield waste determination and a description of the waste	bes not exceed the minimum stand iste as defined by 40 CFR, part 261 he appropriate items as provided) RCRA Hazardous Waste Analy that has been ordered by the Dep	lards for waste hazardous by charac , subpart D, as amended. The follov /sis Dt	steristics established in RCRA regulations, ving documentation demonstrating the her (Provide Description Below)
(PRINT) AUTHORIZED AG	ENTS SIGNATURE	DATE	SIGNATU	JRE
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named mate SHIPMENT DATE	erial(s) was/were picked up at the Generator's	RANSPORTER Driver's Name Print Name Phone No. Truck No. s site listed above and delivered w	74 librar	ty listed below.
TRUCK TIME STAN	010	POSAL FACILITY	RECE Name/No.	IVING AREA
	lity / NM1-006 US 62 / 180 Mile Marker 66 Carlsbad, NM 88	220 Phone No.	575-392-6368	
NORM READINGS PASS THE PAINT FILTER	TAKEN? (Circle One) YES NO R TEST? (Circle One) YES NO	If YES, was readi	ng > 50 micro roentgents? (Circ	le One) YES NO
1st Guage 2nd Guage Received	Inches	INK BOTTOMS	W/BBLS Received Free Water Total Received	BS&W (%)
I hereby certify that the above load materia	al has been (circle one): ACCEPTED	4 DENIED AD	If denied, why?	Asignature

Received by OCD: 2/4/2025 8.	22:48 AM NEW MEXICO NON-HAZARD	OOUS OILFIELD WASTE	MANIFEST	Page 18 of 1. Company Man Contact Information
R360 ENVIRONMENTAL SOLUTIONS	(PLEA	SE PRINT) *REQUI	RED INFORMATION*	Name Phone No. 2010 1920 11
Generator Manifest # Generator Name Address	GEN 7400	ERATOR Location of Origin Lease/Well Name & No. County API No.	Pro cux	HW- 684301.1
City, State, Zip Phone No		Rig Name & No. AFE/PO No.		
Oil Based Muds Oil Based Cuttings Waste Based Muds Water Based Cuttings Produced Formation Solids Tank Bottoms E&P Contaminated Soil Gas Plant Waste	IPT E&P Waste/Service Identification and Amou NON-INJECTABLE WATERS Washout Water (Non-Injectable) Completion Fluid/Flow Back (Non-Ir Produced Water (Non-Injectable) Gathering Line Water/Waste (Non- INTERNAL USE ONLY Truck Washout (exempt waste)	njectable) Injectable) YES NO	OTHER EXEMPT E&P W/	ASTE STREAMS
WASTE GENERATION PROCESS:	DRILLING COMPLETION	/Service Identification and Am	ount	RING LINES
All non-e	exempt E&P waste must be analysed and be below th), Ignitability, Corrosivity adn Re ct from Non-Exempt Waste I	
DISPOSAL QUANTITY	B - BARRELS	L - LIQUID	Y - YARDS	E - EACH
Packaged, and is in proper condition for tra	al(s), is (are) not hazardous waste as defined by 40 Cf nsportation according to applicable regulation. Dil field wastes generated from oil and gas exploration per load basis only) Dil field waste which is non-hazardous that does not endower load basis only) Dil field waste which is non-hazardous that does not endower load basis only Dil field waste which is non-hazardous that does not endower load basis only Dil field waste which is non-hazardous waste as dower load basis only Dil field waste which is non-hazardous waste as dower load basis only Dil field waste which is non-hazardous waste as dower load basis only Dil field waste which is non-hazardous waste as dower load basis only Dil field waste which is non-hazardous waste as dower load basis only Dil field waste which is non-hazardous waste as dower load basis only MSDS Information RCR Immergency non-hazardous, non-oilfield waste that has letermination and a description of the waste must according to the waste must accord	n and production operation and exceed the minimum standards afined by 40 CFR, part 261, subj priate items as provided) A Hazardous Waste Analysis been ordered by the Departme	are not mixed with non-exemp for waste hazardous by charact bart D, as amended. The follow	t waste (R360 Accepts certifications on a teristics established in RCRA regulations, ing documentation demonstrating the er (Provide Description Below)
(PRINT) AUTHORIZED AGE	NTS SIGNATURE	DATE	SIGNATUR	RE
Transporter's Name Address Phone No. Transporter Ticket #	TRAN	SPORTER Driver's Name Print Name Phone No. Truck No.	incident to the disposal facility	y listed below.
SHIPMENT DATE	DRIVER'S SIGNATURE	DELIVERY DATE	<u> </u>	DRIVER'S SIGNATURE
TRUCK TIME STAM	IP DISPOSA	AL FACILITY	RECEI Name/No.	VING AREA
Site Name/ Permit No. Address Halfway Facil 6601 Hobbs Hwy U	ity / NM1-006 S 62 / 180 Mile Marker 66 Carlsbad, NM 88220	Phone No.	75-392-6368	
NORM READINGS T PASS THE PAINT FILTER		If YES, was reading >	50 micro roentgents? (Circle	e One) YES NO
1st Guage Feet 2nd Guage Received I hereby certify that the above load material			BLS Received Free Water Fotal Received Jenied, why?	BS&W (%)
NAME (PBINT) C-138 Released to Imaging 2/5/202	DATE DATE	TITLE R COPY Pink- GENERATOR	SITE COPY Gold- RETUR	SIGNATURE

308.R360-5240LE rev 08/23

Received by OCD: 2/4/2025 8:22:48 AM	EW MEXICO NON-HAZARDO	OUS OILFIELD WASTE	MANIFEST	Page 19 of 13 Company Man Contact Information
RS60	(PLEAS	E PRINT) *REQUIE	RED INFORMATION*	
Generator Manifest # Generator Name Address City, State, Zip	GENE	RATOR Location of Origin Lease/Well Name & No. County API No. Rig Name & No.	Dio NO	Phone No
	Service Identification and Amount	AFE/PO No c (place volume next to wa		
Waste Based Muds Water Based Cuttings Produced Formation Solids Tank Bottoms E&P Contaminated Soil	NON-INJECTABLE WATERS Washout Water (Non-Injectable) Completion Fluid/Flow Back (Non-Inje Produced Water (Non-Injectable) Gathering Line Water/Waste (Non-Inj INTERNAL USE ONLY		OTHER EXEMPT E&P V	11
Gas Plant Waste WASTE GENERATION PROCESS: DRILLING	Truck Washout (exempt waste)	YES NO		TOP SOIL CALICHE ERING LINES
	NON-EXEMPT E&P Waste/S e must be analysed and be below thre	ervice Identification and Amo shold limits for toxicity (TCLP)	unt	Reactivity.
DISPOSAL QUANTITY	B - BARRELS	L-LIQUID 7	(Y - YARDS)	E - EACH
40 CFR 261.21-26 waste as non-haze MSDS Information EMERGENCY NON-OILFIELD Emergency non-ha	1.24, or listed hazardous waste as defination ardous is attached. (Check the appropriation RCRA	hed by 40 CFR, part 261, subp ate items as provided) Hazardous Waste Analysis een ordered by the Departmer	art D, as amended. The follov	cteristics established in RCRA regulations, wing documentation demonstrating the her (Provide Description Below) documentation of non-hazardous waste
(PRINT) AUTHORIZED AGENTS SIGNATURE		ATE	SIGNATU	JRE
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named material(s) was/were p	SHERE ILC	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without	incident to the disposal facili	CSILVICOL 4 ty listed below.
SHIPMENT DATE DRI TRUCK TIME STAMP	VER'S SIGNATURE	DELIVERY DATE		DRIVER'S SIGNATURE
	DISPUSA	L FACILITY	Name/No.	IVING AREA
Site Name/ Permit No. Address <u>Halfway Facility / NM1-00</u> <u>6601 Hobbs Hwy US 62 / 180 Mile N</u> NORM READINGS TAKEN? (Circle O	larker 66 Carlsbad, NM 88220 Dne) YES NO		75-392-6368 50 micro roentgents? (Circ	le One) YES NO
PASS THE PAINT FILTER TEST? (Circle O		OTTOMO		
Feet 1st Guage 2nd Guage Received	Inches	The second	SLS Received Free Water Dtal Received	BS&W (%)
I hereby certify that the above load material has been (circle o	one): ACCEPTED	DENIED If de	enied, why?	4

Received by OCD: 2/4/2025 8:2	2:48 AM NEW MEXICO NON-HAZARI	DOUS OILFIELD WASTE	MANIFEST	Page 20 of 1. Company Man Contact information
ENVIRONMENTAL SOLUTIONS	(PLE/	ASE PRINT) *REQUIF	RED INFORMATION*	Namebent vetz Phone No.515988449
Generator Manifest # Generator Name	GEN	Location of Origin Lease/Well Name & No.	PIU CUX	HW- 717402
Address		County API No. Rig Name & No.		
Phone No.		AFE/PO No.		and a start strate of the
EXEMP Oil Based Muds Oil Based Cuttings Water Based Muds Water Based Cuttings Produced Formation Solids Tank Bottoms E&P Contaminated Soil	T E&P Waste/Service Identification and Amo NON-INJECTABLE WATERS Washout Water (Non-Injectable) Completion Fluid/Flow Back (Non- Produced Water (Non-Injectable) Gathering Line Water/Waste (Non INTERNAL USE ONLY	Injectable)	TOP SOIL & CALICHE S	VASTE STREAMS
Gas Plant Waste	Truck Washout (exempt waste)	YES NO	QUANTITY	TOP SOIL CALICHE
WASTE GENERATION PROCESS:	DRILLING COMPLETION		ON GATH	ERING LINES
All non-exe Non-Exempt Other	NON-EXEMPT E&P Wast empt E&P waste must be analysed and be below t		ount), Ignitability, Corrosivity adn ct from Non-Exempt Waste	
DISPOSAL QUANTITY	B - BARRELS	L-LIQUID	20 Y-YARDS	E - EACH
40 wa MS EMERGENCY NON-OILFIELD Em	field waste which is non-hazardous that does not CFR 261.21-261.24, or listed hazardous waste as of ste as non-hazardous is attached. (Check the appro- SDS Information RCI ergency non-hazardous, non-oilfield waste that ha termination and a description of the waste must ac	defined by 40 CFR, part 261, subp opriate items as provided) RA Hazardous Waste Analysis as been ordered by the Departme	bart D, as amended. The follow	wing documentation demonstrating the her (Provide Description Below)
(PRINT) AUTHORIZED AGENT	'S SIGNATURE	DATE	SIGNAT	URE
Transporter's Name Address Phone No. Transporter Ticket #	TRAN TRAN	ISPORTER Driver's Name Print Name Phone No Truck No	Edgat	Ribota
I Allio Wit	its) was/were picked up at the Generator's site its	ted above and delivered without	incident to the disposal facil	9CN R.
SHIPMENT DATE TRUCK TIME STAMP IN: OUT:	DRIVER'S SIGNATURE DISPOS	CAL FACILITY	RECE Name/No.	DRIVER'S SIGNATURE
Site Name/ Permit No. Address 6601 Hobbs Hwy US	y / NM1-006 62 / 180 Mile Marker 66 Carlsbad, NM 88220	Phone No.	75-392-6368	
NORM READINGS TAP PASS THE PAINT FILTER T	EST? (Circle One) YES NO		50 micro roentgents? (Circ	sle One) YES NO
Ist Guage Feet 2nd Guage Received		States and	BBLS Received Free Water Total Received	B\$&W (%)
hereby certify that the above load material h	as-been (circle one): ACCEPTED	DENIED If c	denied, why?	SIGNATURE
C-138 Released to Imaging 2/5/2025	Wilso RED BRIGINAL Yellow- TRANSPORTE	ER COPY Pink- GENERATOR		IN TO GENERATOR

Received by OCD: 2/4/2025 8:22:4	8 AM NEW MEXICO NON-HAZA	ARDOUS OILFIELD WAS	TE MANIFEST	Page 21 of 1. Company Man Contact information
RS60 ENVIRONMENTAL SOLUTIONS	(PI	LEASE PRINT) *REQ	UIRED INFORMATION*	Name <u>DCAT VPTZ</u> Phone No. <u>51598841</u>
	GE	ENERATOR	NO	HW- 717403.
Generator Manifest #	A SUMPLY AND A DAY	Location of Origin Lease/Well	PIO CUX	JU BJOISH
Generator Name XTO		Name & No. County		
City, State, Zip Phone No		Rig Name & No. AFE/PO No.		
Oil Based Muds Oil Based Cuttings Water Based Muds Water Based Cuttings Produced Formation Solids	P Waste/Service Identification and A NON-INJECTABLE WATERS Washout Water (Non-Injectable Completion Fluid/Flow Back (N) Produced Water (Non-Injectable Gathering Line Water/Waste (N)	e) on-Injectable)	OTHER EXEMPT E&P V	VASTE STREAMS
Tank Bottoms E&P Contaminated Soil	INTERNAL USE ONLY		TOP SOIL & CALICHE S	
Gas Plant Waste	DRILLING COMPLETIO			TOP SOIL CALICHE
WASTE GEIVENATION PROCESS:	and the second	Aste/Service Identification and		ERING LINES
All non-exempt Non-Exempt Other	E&P waste must be analysed and be belo	w threshold limits for toxicity (T	CLP), Ignitability, Corrosivity adn celect from Non-Exempt Wast e	
DISPOSAL QUANTITY	B - BARRELS	L - LIQUID	2 CY (YARDS)	E - EACH
Per load RCRA NON-EXEMPT: Oil field 40 CFR 2	tion according to applicable regulation. wastes generated from oil and gas explor basis only) waste which is non-hazardous that does 261.21-261.24, or listed hazardous waste s non-hazardous is attached. (Check the a	ration and production operation not exceed the minimum standa as defined by 40 CFR, part 261, 3	and are not mixed with non-exen rds for waste hazardous by chara subpart D, as amended. The follo	npt waste (R360 Accepts certifications on a cteristics established in RCRA regulations,
EMERGENCY NON-OILFIELD Emerger	ncy non-hazardous, non-oilfield waste that nation and a description of the waste mus	t has been ordered by the Depar		
(PRINT) AUTHORIZED AGENTS SIGN	IATURE	DATE	SIGNAT	URE
Transporter's Name Address Phone No. Transporter Ticket #	tions, lic	Driver's Name Print Name Phone No. Truck No.	Fdgav	-62 -02
I hereby certify that the above named material(s) v	vas/were picked up at the Generator's site	e listed above and delivered wit	4 Id	DRIVER'S SIGNATURE
TRUCK TIME STAMP	DISPO	SAL FACILITY	RECI Name/No	EIVING AREA
Site Name/ Permit No. Address 6601 Hobbs Hwy US 62/1	N <mark>M1-006</mark> 180 Mile Marker 66 Carlsbad, NM 88220	Phone No.	575-392-6368	
NORM READINGS TAKEN PASS THE PAINT FILTER TEST		If YES, was readin	g > 50 micro roentgents? (Cirr	cle One) YES NO
1st Guage Feet 2nd Guage Received	Inches	K BOTTOMS	N/BBLS Received Free Water Total Received	BS&W (%)
I hereby certify that the above load material has be NAME (PRINT) C-138 Released to Imaging 2/5/2025	11/19/04 DATE		If denied, why? TOR SITE COPY Gold- RETU	SIGNATURE RN TO GENERATOR

Received by OCD: 2/4/2025 8:22:48	NEW MEXICO NON-HAZARI	DOUS OILFIELD WAST	E MANIFEST	Page 22 of Company Man Contact information
R360	(PLEA	ASE PRINT) *REQUI	IRED INFORMATION*	Name <u>No. 100 No. 100 </u>
Generator Manifest #	GEN	IERATOR Location of Origin	NO.	HW- 710511
Generator Name		Lease/Well Name & No. County API No.	FLO OUX	AV IS OIG !!
City, State, Zip Phone No		Rig Name & No. AFE/PO No.		
EXEMPT E&F Oil Based Muds Oil Based Cuttings Water Based Muds Water Based Cuttings Produced Formation Solids Tank Bottoms E&P Contaminated Soil	Waste/Service Identification and Amon NON-INJECTABLE WATERS Washout Water (Non-Injectable) Completion Fluid/Flow Back (Non- Produced Water (Non-Injectable) Gathering Line Water/Waste (Non INTERNAL USE ONLY	njectable)	Aaste type in barrels or cubic OTHER EXEMPT E&P W	ASTE STREAMS
Gas Plant Waste I WASTE GENERATION PROCESS: I	Truck Washout (exempt waste) ORILLING COMPLETION	YES NO PRODUCT		TOP SOIL CALICHE
All non-exempt I	NON-EXEMPT E&P Wast &P waste must be analysed and be below t			
DISPOSAL QUANTITY	B - BARRELS	L - LIQUID	Y - YARDS	E - EACH
EMERGENCY NON-OILFIELD Emergen	non-hazardous is attached. (Check the appro- formation RCI cy non-hazardous, non-oilfield waste that ha ation and a description of the waste must ac	RA Hazardous Waste Analysis s been ordered by the Departm		ner (Provide Description Below) documentation of non-hazardous waste
(PRINT) AUTHORIZED AGENTS SIGN		DATE	SIGNATU	RE
Transporter's Name Address Phone No.		ISPORTER Driver's Name Print Name Phone No. Truck No.	h.ch. 	0
hereby certify that the above named material(s) w	as/were picked up at the Generator's site lis		ut incident to the disposal facili	ty listed below.
IN:OUT:		AL FACILITY	RECE Name/No.	IVING AREA
Site Name/ Halfway Facility / N Permit No. 6601 Hobbs Hwy US 62 / 12	IM1-006 80 Mile Marker 66 Carlsbad, NM 88220	Phone No.	575-392-6368	
NORM READINGS TAKEN? PASS THE PAINT FILTER TEST?		If YES, was reading	> 50 micro roentgents? (Circ	le One) YES NO
Ist Guage Feet 2nd Guage Received	Inches	BOTTOMS BS&W,	/BBLS Received Free Water Total Received	BS&W (%)
hereby certify that the above load material has be NAME (PRINT) C-138	en (circle one):	DENIED And	f denied, why?	SIGNATURE

Released to Imaging: 42/5/2025 4:29:59 PM

3360	NEW MEXICO NON-HAZ			Name heat Reta
RONMENTAL		PLEASE PRINT) *REQUI	RED INFORMATION*	Phone No. 535 96800
	G	ENERATOR	NO.	HW- 710510
erator Manifest #		Location of Origin Lease/Well		
herator Name	The second strength	Name & No.	NLU CAX	WESONS+
lress		County API No.		
, State, Zip		Rig Name & No.		
ne NoEXEMPT	E&P Waste/Service Identification and A	AFE/PO No.	aste type in barrels or cubic	vards)
Based Muds	NON-INJECTABLE WATERS		OTHER EXEMPT E&P W	
Based Cuttings	Washout Water (Non-Injectab Completion Fluid/Flow Back (N	Non-Injectable)		
ter Based Cuttings	Produced Water (Non-Injectab Gathering Line Water/Waste (ole)	- T el	1-1
k Bottoms	INTERNAL USE ONLY		TOP SOIL & CALICHE SA	
Plant Waste	Truck Washout (exempt waste	e) YES NO	QUANTITY	TOP SOIL CALICHE
STE GENERATION PROCESS:	DRILLING COMPLETI	ION PRODUCTI	ON 🗌 GATHI	ERING LINES
All non-exe	NON-EXEMPT E&P V mpt E&P waste must be analysed and be belo	Vaste/Service Identification and Am	ount 2) Ionitability Corrosivity ado F	Reactivity
-Exempt Other			ct from Non-Exempt Waste	
OSAL QUANTITY	B - BARRELS	L - LIQUID	Y - YARDS	E - EACH
	s), is (are) not hazardous waste as defined by	40 CFR Part 261 or any applicable st	tate law. That each waste has	been properly described, classified and
	portation according to applicable regulation.			
RCRA EXEMPT: Oil				
	load basis only)	pration and production operation and	are not mixed with non-exem	pt waste (H360 Accepts certifications of
Per RCRA NON-EXEMPT: 0il	load basis only) field waste which is non-hazardous that does	not exceed the minimum standards	for waste hazardous by charac	cteristics established in RCRA regulation
RCRA NON-EXEMPT: 0il 40 (load basis only) field waste which is non-hazardous that does CFR 261.21-261.24, or listed hazardous waste	not exceed the minimum standards as defined by 40 CFR, part 261, sub	for waste hazardous by charac	cteristics established in RCRA regulation
RCRA NON-EXEMPT: 0il 40 (was	load basis only) field waste which is non-hazardous that does CFR 261.21-261.24, or listed hazardous waste ite as non-hazardous is attached. (Check the a	not exceed the minimum standards as defined by 40 CFR, part 261, sub	for waste hazardous by charac part D, as amended. The follov	cteristics established in RCRA regulation
Per RCRA NON-EXEMPT: 0il 40 (was MS EMERGENCY NON-OILFIELD Eme	load basis only) field waste which is non-hazardous that does CFR 261.21-261.24, or listed hazardous waste te as non-hazardous is attached. (Check the a DS Information	not exceed the minimum standards as defined by 40 CFR, part 261, sub appropriate items as provided) RCRA Hazardous Waste Analysis at has been ordered by the Departme	for waste hazardous by charac part D, as amended. The follov	cteristics established in RCRA regulation wing documentation demonstrating the her (Provide Description Below)
Per RCRA NON-EXEMPT: 0il 40 (was MS EMERGENCY NON-OILFIELD Eme	load basis only) field waste which is non-hazardous that does CFR 261.21-261.24, or listed hazardous waste te as non-hazardous is attached. (Check the a DS Information	not exceed the minimum standards as defined by 40 CFR, part 261, sub appropriate items as provided) RCRA Hazardous Waste Analysis at has been ordered by the Departme	for waste hazardous by charac part D, as amended. The follov	cteristics established in RCRA regulation wing documentation demonstrating the her (Provide Description Below)
RCRA NON-EXEMPT: Oil 40 (was MS EMERGENCY NON-OILFIELD	load basis only) field waste which is non-hazardous that does CFR 261.21-261.24, or listed hazardous waste the as non-hazardous is attached. (Check the a DS Information	not exceed the minimum standards as defined by 40 CFR, part 261, sub appropriate items as provided) RCRA Hazardous Waste Analysis at has been ordered by the Departme	for waste hazardous by charac part D, as amended. The follov	cteristics established in RCRA regulation wing documentation demonstrating the her (Provide Description Below) documentation of non-hazardous wast
RCRA NON-EXEMPT: Oil 40 (40 (Was Image: BMERGENCY NON-OILFIELD EMERGENCY NON-OILFIELD Emergency (PRINT) AUTHORIZED AGENTS	load basis only) field waste which is non-hazardous that does CFR 261.21-261.24, or listed hazardous waste te as non-hazardous is attached. (Check the a DS Information ergency non-hazardous, non-oilfield waste tha armination and a description of the waste mu	not exceed the minimum standards as defined by 40 CFR, part 261, sub appropriate items as provided) RCRA Hazardous Waste Analysis at has been ordered by the Departme ist accompany this form)	for waste hazardous by charac part D, as amended. The follov Ot ent of Public Safety (the order,	cteristics established in RCRA regulation wing documentation demonstrating the her (Provide Description Below) documentation of non-hazardous wast
Per	load basis only) field waste which is non-hazardous that does CFR 261.21-261.24, or listed hazardous waste te as non-hazardous is attached. (Check the a DS Information argency non-hazardous, non-oilfield waste tha armination and a description of the waste mu S SIGNATURE	not exceed the minimum standards as defined by 40 CFR, part 261, sub appropriate items as provided) RCRA Hazardous Waste Analysis at has been ordered by the Departme ist accompany this form)	for waste hazardous by charac part D, as amended. The follov Ot ent of Public Safety (the order,	cteristics established in RCRA regulation wing documentation demonstrating the her (Provide Description Below) documentation of non-hazardous wast
Per Per Oil Oil 40 (Was MS EMERGENCY NON-OILFIELD Eme detr (PRINT) AUTHORIZED AGENTS sporter's e ess	load basis only) field waste which is non-hazardous that does CFR 261.21-261.24, or listed hazardous waste te as non-hazardous is attached. (Check the a DS Information argency non-hazardous, non-oilfield waste tha armination and a description of the waste mu S SIGNATURE TRA	not exceed the minimum standards as defined by 40 CFR, part 261, sub appropriate items as provided) RCRA Hazardous Waste Analysis at has been ordered by the Departme st accompany this form) DATE ANSPORTER Driver's Name Print Name	for waste hazardous by charac part D, as amended. The follov Ot ent of Public Safety (the order, SIGNAT	cteristics established in RCRA regulation wing documentation demonstrating the her (Provide Description Below) documentation of non-hazardous wast
Per RCRA NON-EXEMPT: 0il 40 (Was MS EMERGENCY NON-OILFIELD Eme detr (PRINT) AUTHORIZED AGENTS sporter's e ess e No.	load basis only) field waste which is non-hazardous that does CFR 261.21-261.24, or listed hazardous waste te as non-hazardous is attached. (Check the a DS Information argency non-hazardous, non-oilfield waste tha armination and a description of the waste mu S SIGNATURE TRA	not exceed the minimum standards as defined by 40 CFR, part 261, sub appropriate items as provided) RCRA Hazardous Waste Analysis at has been ordered by the Departme st accompany this form) DATE ANSPORTER Driver's Name Print Name Phone No.	for waste hazardous by charac part D, as amended. The follov Ot ent of Public Safety (the order, SIGNAT	cteristics established in RCRA regulation wing documentation demonstrating the her (Provide Description Below) documentation of non-hazardous wast
Per RCRA NON-EXEMPT: Oil 40 (Was MS EMERGENCY NON-OILFIELD Emergency (PRINT) AUTHORIZED AGENTS sporter's e ess ie No. sporter Ticket #	load basis only) field waste which is non-hazardous that does CFR 261.21-261.24, or listed hazardous waste te as non-hazardous is attached. (Check the a DS Information ergency non-hazardous, non-oilfield waste that ermination and a description of the waste mu S SIGNATURE	not exceed the minimum standards as defined by 40 CFR, part 261, sub appropriate items as provided) RCRA Hazardous Waste Analysis at has been ordered by the Departme st accompany this form) DATE DATE Driver's Name Print Name Phone No. Truck No.	for waste hazardous by charac part D, as amended. The follow Ott ent of Public Safety (the order, SIGNAT	cteristics established in RCRA regulation wing documentation demonstrating the her (Provide Description Below) documentation of non-hazardous wast
Per RCRA NON-EXEMPT: Oil 40 (Was MS EMERGENCY NON-OILFIELD Eme (PRINT) AUTHORIZED AGENTS sporter's ress ie No. sporter Ticket # eby certify that the above named material	load basis only) field waste which is non-hazardous that does CFR 261.21-261.24, or listed hazardous waste is a non-hazardous is attached. (Check the a DS Information ergency non-hazardous, non-oilfield waste tha ermination and a description of the waste mu S SIGNATURE TR/ (s) was/were picked up at the Generator's sit	not exceed the minimum standards as defined by 40 CFR, part 261, sub appropriate items as provided) RCRA Hazardous Waste Analysis at has been ordered by the Departme st accompany this form) DATE DATE ANSPORTER Print Name Phone No. Truck No.	for waste hazardous by charac part D, as amended. The follow Ott ent of Public Safety (the order, SIGNAT	cteristics established in RCRA regulation wing documentation demonstrating the her (Provide Description Below) documentation of non-hazardous wast URE
Per RCRA NON-EXEMPT: Oil 40 (Was MS EMERGENCY NON-OILFIELD Eme (PRINT) AUTHORIZED AGENTS sporter's ress ne No. sporter Ticket # eby certify that the above named material SHIPMENT DATE	load basis only) field waste which is non-hazardous that does CFR 261.21-261.24, or listed hazardous waste ite as non-hazardous is attached. (Check the a DS Information argency non-hazardous, non-oilfield waste tha arrmination and a description of the waste mu S SIGNATURE (s) was/were picked up at the Generator's sit DRIVER'S SIGNATURE	not exceed the minimum standards as defined by 40 CFR, part 261, sub appropriate items as provided) RCRA Hazardous Waste Analysis at has been ordered by the Departme ist accompany this form) DATE DATE DATE DATE DATE DATE DATE DATE	for waste hazardous by charac part D, as amended. The follow Otti ent of Public Safety (the order, SIGNATE t incident to the disposal facili	cteristics established in RCRA regulation wing documentation demonstrating the her (Provide Description Below) documentation of non-hazardous wast URE
Per RCRA NON-EXEMPT: Oil 40 (Was MS EMERGENCY NON-OILFIELD Eme (PRINT) AUTHORIZED AGENTS sporter's ee sporter's ee No. sporter Ticket # eby certify that the above named material SHIPMENT DATE TRUCK TIME STAMP	load basis only) field waste which is non-hazardous that does CFR 261.21-261.24, or listed hazardous waste ite as non-hazardous is attached. (Check the a DS Information argency non-hazardous, non-oilfield waste tha arrmination and a description of the waste mu S SIGNATURE (s) was/were picked up at the Generator's sit DRIVER'S SIGNATURE	not exceed the minimum standards as defined by 40 CFR, part 261, sub appropriate items as provided) RCRA Hazardous Waste Analysis at has been ordered by the Departme st accompany this form) DATE DATE ANSPORTER Print Name Phone No. Truck No.	for waste hazardous by charact part D, as amended. The follow to Otti otti	cteristics established in RCRA regulation wing documentation demonstrating the her (Provide Description Below) documentation of non-hazardous wast URE
Per RCRA NON-EXEMPT: Oil 40 (Was MS EMERGENCY NON-OILFIELD Eme (PRINT) AUTHORIZED AGENTS sporter's e ess ie No. sporter Ticket # was SHIPMENT DATE TRUCK TIME STAMP OUT:	load basis only) field waste which is non-hazardous that does CFR 261.21-261.24, or listed hazardous waste ite as non-hazardous is attached. (Check the a DS Information argency non-hazardous, non-oilfield waste tha arrmination and a description of the waste mu S SIGNATURE (s) was/were picked up at the Generator's sit DRIVER'S SIGNATURE	not exceed the minimum standards as defined by 40 CFR, part 261, sub appropriate items as provided) RCRA Hazardous Waste Analysis at has been ordered by the Departme ist accompany this form) DATE DATE DATE DATE DATE DATE DATE DATE	for waste hazardous by charac part D, as amended. The follow Otti ent of Public Safety (the order, SIGNATE t incident to the disposal facili	cteristics established in RCRA regulation wing documentation demonstrating the her (Provide Description Below) documentation of non-hazardous wast URE
Per RCRA NON-EXEMPT: Oil 40 (Was MS EMERGENCY NON-OILFIELD Eme (PRINT) AUTHORIZED AGENTS sporter's e ess evers e sporter's e sporter Ticket # sporter Ticket # shipment Date TRUCK TIME STAMP OUT: Name/	load basis only) field waste which is non-hazardous that does CFR 261.21-261.24, or listed hazardous waste ite as non-hazardous is attached. (Check the a DS Information rgency non-hazardous, non-oilfield waste tha armination and a description of the waste mu S SIGNATURE (s) was/were picked up at the Generator's sit DRIVER'S SIGNATURE DISP(not exceed the minimum standards as defined by 40 CFR, part 261, sub appropriate items as provided) RCRA Hazardous Waste Analysis at has been ordered by the Departme st accompany this form) DATE ANSPORTER Driver's Name Print Name Phone No. Truck No. te listed above and delivered withou DELIVERY DATE	for waste hazardous by charac part D, as amended. The follow	cteristics established in RCRA regulation wing documentation demonstrating the her (Provide Description Below) documentation of non-hazardous wast URE
Per RCRA NON-EXEMPT: Oil 40 (Was MS EMERGENCY NON-OILFIELD Eme (PRINT) AUTHORIZED AGENTS sporter's e ess e No. sporter Ticket # toy certify that the above named material SHIPMENT DATE TRUCK TIME STAMP OUT: Name/ It No.	load basis only) field waste which is non-hazardous that does CFR 261.21-261.24, or listed hazardous waste ite as non-hazardous is attached. (Check the a DS Information rgency non-hazardous, non-oilfield waste tha armination and a description of the waste mu S SIGNATURE (s) was/were picked up at the Generator's sit DRIVER'S SIGNATURE DISP(not exceed the minimum standards as defined by 40 CFR, part 261, sub appropriate items as provided) RCRA Hazardous Waste Analysis at has been ordered by the Departme ist accompany this form) DATE ANSPORTER Driver's Name Print Name Print Name Phone No. Truck No. DELIVERY DATE DSAL FACILITY	for waste hazardous by charact part D, as amended. The follow to Otti otti	cteristics established in RCRA regulation wing documentation demonstrating the her (Provide Description Below) documentation of non-hazardous wast URE
Per RCRA NON-EXEMPT: Oil 40 (Was MS EMERGENCY NON-OILFIELD Eme (PRINT) AUTHORIZED AGENTS sporter's e ess e No. sporter Ticket # sporter Ticket # sthipment Date TRUCK TIME STAMP OUT: Name/ it No. ess 6601 Hobbs Hwy US (load basis only) field waste which is non-hazardous that does CFR 261.21-261.24, or listed hazardous waste ite as non-hazardous is attached. (Check the a DS Information argency non-hazardous, non-oilfield waste that armination and a description of the waste mu S SIGNATURE TRA (s) was/were picked up at the Generator's site DRIVER'S SIGNATURE DISP(2/ NM1-006 52/ 180 Mile Marker 66 Carlsbad, NM 88220	not exceed the minimum standards as defined by 40 CFR, part 261, sub appropriate items as provided) RCRA Hazardous Waste Analysis at has been ordered by the Departme sta accompany this form) DATE ANSPORTER Driver's Name Print Name Phone No. Truck No. Et listed above and delivered withou DELIVERY DATE DSAL FACILITY	for waste hazardous by charac part D, as amended. The follow to of Public Safety (the order, SiGNAT siGNAT t incident to the disposal facili RECE Name/No 575-392-6368	cteristics established in RCRA regulation wing documentation demonstrating the her (Provide Description Below) documentation of non-hazardous wast ure ity listed below. DRIVER'S SIGNATURE IVING AREA
Per RCRA NON-EXEMPT: Oil 40 (Was MS EMERGENCY NON-OILFIELD Eme (PRINT) AUTHORIZED AGENTS sporter's e ess e No. sporter Ticket # toy certify that the above named material SHIPMENT DATE TRUCK TIME STAMP OUT: Name/ It No.	load basis only) field waste which is non-hazardous that does CFR 261.21-261.24, or listed hazardous waste ite as non-hazardous is attached. (Check the a DS Information argency non-hazardous, non-oilfield waste tha armination and a description of the waste mu S SIGNATURE TRA (s) was/were picked up at the Generator's sit DRIVER'S SIGNATURE DISP((s) Was/Were picked up at the Generator's sit (s) Was/Were picked up at the Generator's sit (s) Was/Were picked up at the Generator's sit	not exceed the minimum standards as defined by 40 CFR, part 261, sub appropriate items as provided) RCRA Hazardous Waste Analysis at has been ordered by the Departme sta accompany this form) DATE ANSPORTER Driver's Name Print Name Phone No. Truck No. Et listed above and delivered withou DELIVERY DATE DSAL FACILITY	for waste hazardous by charac part D, as amended. The follow	cteristics established in RCRA regulation wing documentation demonstrating the her (Provide Description Below) documentation of non-hazardous wast ure ity listed below. DRIVER'S SIGNATURE IVING AREA
RCRA NON-EXEMPT: Oil 40 (Wath (PRINT) AUTHORIZED AGENTS Sporter's e ess ShiPMENT DATE TRUCK TIME STAMP e OUT: Name/ it No. 6601 Hobbs Hwy US (NORM READINGS TAK	load basis only) field waste which is non-hazardous that does CFR 261.21-261.24, or listed hazardous waste te as non-hazardous is attached. (Check the above DS Information argency non-hazardous, non-oilfield waste that armination and a description of the waste mu S SIGNATURE TR/ (s) was/were picked up at the Generator's sit DRIVER'S SIGNATURE DISP((s) WMI-006 52/180 Mile Marker 66 Carlsbad, NM 88220 (EN? (Circle One) YES NO EST? (Circle One) YES NO	not exceed the minimum standards as defined by 40 CFR, part 261, sub appropriate items as provided) RCRA Hazardous Waste Analysis at has been ordered by the Departme st accompany this form) DATE ANSPORTER Driver's Name Print Name Phone No. Truck No. DELIVERY DATE DELIVERY DATE DSAL FACILITY Phone No. If YES, was reading >	for waste hazardous by charac part D, as amended. The follow to of Public Safety (the order, SiGNAT siGNAT t incident to the disposal facili RECE Name/No 575-392-6368	cteristics established in RCRA regulation wing documentation demonstrating the her (Provide Description Below) documentation of non-hazardous wast ure ity listed below. DRIVER'S SIGNATURE IVING AREA
Per RCRA NON-EXEMPT: Oil 40 (Was MS EMERGENCY NON-OILFIELD Eme (PRINT) AUTHORIZED AGENTS sporter's ne ress me No. sporter Ticket # eby certify that the above named material SHIPMENT DATE TRUCK TIME STAMP OUT: Name/ hit No. 6601 Hobbs Hwy US (NORM READINGS TAK PASS THE PAINT FILTER TO	load basis only) field waste which is non-hazardous that does CFR 261.21-261.24, or listed hazardous waste te as non-hazardous is attached. (Check the above DS Information argency non-hazardous, non-oilfield waste that armination and a description of the waste mu S SIGNATURE TR/ (s) was/were picked up at the Generator's sit DRIVER'S SIGNATURE DISP((s) WMI-006 52/180 Mile Marker 66 Carlsbad, NM 88220 (EN? (Circle One) YES NO EST? (Circle One) YES NO	not exceed the minimum standards as defined by 40 CFR, part 261, sub appropriate items as provided) RCRA Hazardous Waste Analysis at has been ordered by the Departme sta accompany this form) DATE ANSPORTER Driver's Name Print Name Phone No. Truck No. DELIVERY DATE DSAL FACILITY Phone No. If YES, was reading > IK BOTTOMS	for waste hazardous by charact part D, as amended. The follow total of Public Safety (the order, SiGNATA SiG	cteristics established in RCRA regulation wing documentation demonstrating the her (Provide Description Below) documentation of non-hazardous wast ure ity listed below. DRIVER'S SIGNATURE CIVING AREA
Per RCRA NON-EXEMPT: Oil 40 (Was MS EMERGENCY NON-OILFIELD Eme (PRINT) AUTHORIZED AGENTS sporter's ie ress ie sporter's ie sporter Ticket # eby certify that the above named material SHIPMENT DATE TRUCK TIME STAMP OUT: Name/ it No. 6601 Hobbs Hwy US (NORM READINGS TAK PASS THE PAINT FILTER TI Guage	load basis only) field waste which is non-hazardous that does CFR 261.21-261.24, or listed hazardous waste tte as non-hazardous is attached. (Check the a DS Information regency non-hazardous, non-oilfield waste tha armination and a description of the waste mu is SIGNATURE	not exceed the minimum standards as defined by 40 CFR, part 261, sub appropriate items as provided) RCRA Hazardous Waste Analysis at has been ordered by the Departme sta accompany this form) DATE ANSPORTER Driver's Name Print Name Phone No. Truck No. DELIVERY DATE DSAL FACILITY Phone No. If YES, was reading > IK BOTTOMS	for waste hazardous by charac part D, as amended. The follow tent of Public Safety (the order, SIGNATE SIGNA	cteristics established in RCRA regulation wing documentation demonstrating the her (Provide Description Below) documentation of non-hazardous wast ure ity listed below. DRIVER'S SIGNATURE IVING AREA
Per RCRA NON-EXEMPT: Oil 40 (Was MS EMERGENCY NON-OILFIELD Eme (PRINT) AUTHORIZED AGENTS sporter's ne ress ne No. sporter Ticket # eby certify that the above named material SHIPMENT DATE TRUCK TIME STAMP I: OUT: Name/ hit No. Fess 0UT: NORM READINGS TAK PASS THE PAINT FILTER TO	load basis only) field waste which is non-hazardous that does CFR 261.21-261.24, or listed hazardous waste tte as non-hazardous is attached. (Check the a DS Information regency non-hazardous, non-oilfield waste tha armination and a description of the waste mu is SIGNATURE	not exceed the minimum standards as defined by 40 CFR, part 261, sub appropriate items as provided) RCRA Hazardous Waste Analysis at has been ordered by the Departme st accompany this form) DATE ANSPORTER Driver's Name Print Name Phone No. Truck No. DELIVERY DATE DSAL FACILITY Phone No. If YES, was reading > IK BOTTOMS	for waste hazardous by charac part D, as amended. The follow tent of Public Safety (the order, SiGNATC SIGNA	cteristics established in RCRA regulation wing documentation demonstrating the her (Provide Description Below) documentation of non-hazardous wast ure ity listed below. DRIVER'S SIGNATURE CIVING AREA
Per RCRA NON-EXEMPT: Oil 40 (Was MS EMERGENCY NON-OILFIELD Eme (PRINT) AUTHORIZED AGENTS sporter's ress ne No. sporter Ticket # eby certify that the above named material SHIPMENT DATE TRUCK TIME STAMP OUT: Name/ nit No. 6601 Hobbs Hwy US (NORM READINGS TAK PASS THE PAINT FILTER TO Suage Feet	load basis only) field waste which is non-hazardous that does CFR 261.21-261.24, or listed hazardous waste te as non-hazardous is attached. (Check the above DS Information argency non-hazardous, non-oilfield waste that armination and a description of the waste mu SIGNATURE TR/ (s) was/were picked up at the Generator's sit DRIVER'S SIGNATURE DISP((s) was/were picked up at the Generator's sit DRIVER'S SIGNATURE DISP((c) NM1-006 52/180 Mile Marker 66 Carlsbad, NM 88220 CEN? (Circle One) YES NO EST? (Circle One) YES NO TAN Inches	not exceed the minimum standards as defined by 40 CFR, part 261, sub appropriate items as provided) RCRA Hazardous Waste Analysis at has been ordered by the Departme st accompany this form) DATE ANSPORTER Driver's Name Print Name Print Name Phone No. Truck No. DELIVERY DATE DSAL FACILITY Phone No. If YES, was reading > IK BOTTOMS	for waste hazardous by charact part D, as amended. The follow tent of Public Safety (the order, SiGNATC SIGN	cteristics established in RCRA regulation wing documentation demonstrating the her (Provide Description Below) documentation of non-hazardous wast ure ity listed below. DRIVER'S SIGNATURE CIVING AREA
Per RCRA NON-EXEMPT: Oil 40 (Was MS EMERGENCY NON-OILFIELD Eme (PRINT) AUTHORIZED AGENTS sporter's ress ne No. sporter Ticket # eby certify that the above named material SHIPMENT DATE TRUCK TIME STAMP OUT: Name/ nit No. 6601 Hobbs Hwy US (NORM READINGS TAK PASS THE PAINT FILTER TH Suage Feet	load basis only) field waste which is non-hazardous that does CFR 261.21-261.24, or listed hazardous waste te as non-hazardous is attached. (Check the above DS Information argency non-hazardous, non-oilfield waste that armination and a description of the waste mu SIGNATURE TR/ (s) was/were picked up at the Generator's sit DRIVER'S SIGNATURE DISP((s) was/were picked up at the Generator's sit DRIVER'S SIGNATURE DISP((c) NM1-006 52/180 Mile Marker 66 Carlsbad, NM 88220 CEN? (Circle One) YES NO EST? (Circle One) YES NO TAN Inches	not exceed the minimum standards as defined by 40 CFR, part 261, sub appropriate items as provided) RCRA Hazardous Waste Analysis at has been ordered by the Departme st accompany this form) DATE ANSPORTER Driver's Name Print Name Print Name Phone No. Truck No. DELIVERY DATE DSAL FACILITY Phone No. If YES, was reading > IK BOTTOMS	for waste hazardous by charac part D, as amended. The follow tent of Public Safety (the order, SiGNATE SIGNATE t incident to the disposal facilit RECE Name/No 50 micro roentgents? (Circ BBLS Received Free Water	cteristics established in RCRA regulation wing documentation demonstrating the her (Provide Description Below) documentation of non-hazardous wast ure ity listed below. DRIVER'S SIGNATURE CIVING AREA



APPENDIX C

Laboratory Analytical Reports & Chain of Custody Documentation



November 22, 2024

TRACY HILLARD ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD, NM 88220

RE: PLU CVX JV BS 015H

Enclosed are the results of analyses for samples received by the laboratory on 11/21/24 13:30.

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

Cardinal Laboratories is 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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	11/21/2024	Sampling Date:	11/19/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	PLU CVX JV BS 015H	Sampling Condition:	Cool & Intact
Project Number:	03C1558376	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.209550,-103.848710		

Sample ID: FS 01 1' (H247115-01)

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	11/21/2024	ND	2.16	108	2.00	1.36	
Toluene*	<0.050	0.050	11/21/2024	ND	2.06	103	2.00	1.54	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.04	102	2.00	1.71	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.06	101	6.00	1.73	
Total BTEX	<0.300	0.300	11/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	11/22/2024	ND	448	112	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	11/21/2024	ND	193	96.5	200	5.80	
DRO >C10-C28*	<10.0	10.0	11/21/2024	ND	193	96.3	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	11/21/2024	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



	ENSOLUM	
	TRACY HILLARD	
	3122 NATIONAL PARKS HWY	
	CARLSBAD NM, 88220	
	Fax To:	
11/21/2024	Sampling Date	יכ.

Received:	11/21/2024	Sampling Date:	11/19/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	PLU CVX JV BS 015H	Sampling Condition:	Cool & Intact
Project Number:	03C1558376	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.209550,-103.848710		

Sample ID: FS 02 1' (H247115-02)

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	11/21/2024	ND	2.16	108	2.00	1.36	
Toluene*	<0.050	0.050	11/21/2024	ND	2.06	103	2.00	1.54	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.04	102	2.00	1.71	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.06	101	6.00	1.73	
Total BTEX	<0.300	0.300	11/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/22/2024	ND	448	112	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	11/22/2024	ND	193	96.5	200	5.80	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	193	96.3	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	104	48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



	ENSOLUM
	TRACY HILLARD
	3122 NATIONAL PARKS HWY
	CARLSBAD NM, 88220
	Fax To:
11/21/2024	Sampling Date:

Received:	11/21/2024	Sampling Date:	11/19/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	PLU CVX JV BS 015H	Sampling Condition:	Cool & Intact
Project Number:	03C1558376	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.209550,-103.848710		

Sample ID: FS 03 1' (H247115-03)

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	11/21/2024	ND	2.16	108	2.00	1.36	
Toluene*	<0.050	0.050	11/21/2024	ND	2.06	103	2.00	1.54	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.04	102	2.00	1.71	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.06	101	6.00	1.73	
Total BTEX	<0.300	0.300	11/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	11/22/2024	ND	448	112	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	11/22/2024	ND	193	96.5	200	5.80	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	193	96.3	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	3122	CY HILLARD NATIONAL PARKS HWY SBAD NM, 88220		
Received:	11/21/2024		Sampling Date:	11/19/2024
Reported:	11/22/2024		Sampling Type:	Soil
Project Name:	PLU CVX JV BS 015H		Sampling Condition:	Cool & Intact
Project Number:	03C1558376		Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.209550,-103.8487	10		

Sample ID: FS 04 1' (H247115-04)

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	11/21/2024	ND	2.16	108	2.00	1.36	
Toluene*	<0.050	0.050	11/21/2024	ND	2.06	103	2.00	1.54	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.04	102	2.00	1.71	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.06	101	6.00	1.73	
Total BTEX	<0.300	0.300	11/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	11/22/2024	ND	448	112	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	11/22/2024	ND	193	96.5	200	5.80	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	193	96.3	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	100 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Received:	11/21/2024	Sampling Date:	11/19/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	PLU CVX JV BS 015H	Sampling Condition:	Cool & Intact
Project Number:	03C1558376	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.209550,-103.848710		

Sample ID: FS 05 1' (H247115-05)

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	11/21/2024	ND	2.16	108	2.00	1.36	
Toluene*	<0.050	0.050	11/21/2024	ND	2.06	103	2.00	1.54	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.04	102	2.00	1.71	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.06	101	6.00	1.73	
Total BTEX	<0.300	0.300	11/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/22/2024	ND	448	112	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	11/22/2024	ND	193	96.5	200	5.80	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	193	96.3	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	97.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.2	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	11/21/2024	Sampling Date:	11/19/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	PLU CVX JV BS 015H	Sampling Condition:	Cool & Intact
Project Number:	03C1558376	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.209550,-103.848710		

Sample ID: FS 06 1' (H247115-06)

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	11/21/2024	ND	2.16	108	2.00	1.36	
Toluene*	<0.050	0.050	11/21/2024	ND	2.06	103	2.00	1.54	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.04	102	2.00	1.71	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.06	101	6.00	1.73	
Total BTEX	<0.300	0.300	11/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	11/22/2024	ND	448	112	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	11/22/2024	ND	193	96.5	200	5.80	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	193	96.3	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	104 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	106 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



	ENSOLUM
	TRACY HILLARD
	3122 NATIONAL PARKS HWY
	CARLSBAD NM, 88220
	Fax To:
11/21/2024	Sampling Date:

Received:	11/21/2024	Sampling Date:	11/19/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	PLU CVX JV BS 015H	Sampling Condition:	Cool & Intact
Project Number:	03C1558376	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.209550,-103.848710		

Sample ID: FS 07 1' (H247115-07)

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	11/21/2024	ND	2.16	108	2.00	1.36	
Toluene*	<0.050	0.050	11/21/2024	ND	2.06	103	2.00	1.54	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.04	102	2.00	1.71	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.06	101	6.00	1.73	
Total BTEX	<0.300	0.300	11/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	11/22/2024	ND	448	112	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	11/22/2024	ND	193	96.5	200	5.80	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	193	96.3	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	100 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



	TRAC 3122	DLUM CY HILLARD 2 NATIONAL PARKS HWY LSBAD NM, 88220 To:		
Received:	11/21/2024		Sampling Date:	11/19/2024
Reported:	11/22/2024		Sampling Type:	Soil
Project Name:	PLU CVX JV BS 015H		Sampling Condition:	Cool & Intact
Project Number:	03C1558376		Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.209550,-103.8487	10		

Sample ID: FS 08 1' (H247115-08)

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	11/21/2024	ND	2.16	108	2.00	1.36	
Toluene*	<0.050	0.050	11/21/2024	ND	2.06	103	2.00	1.54	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.04	102	2.00	1.71	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.06	101	6.00	1.73	
Total BTEX	<0.300	0.300	11/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/22/2024	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	11/22/2024	ND	193	96.5	200	5.80	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	193	96.3	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



	ENSOLUM		
	TRACY HILLARD		
	3122 NATIONAL PARKS HWY		
	CARLSBAD NM, 88220		
	Fax To:		
11/21/2024	Sampling	Dato	

Received:	11/21/2024	Sampling Date:	11/19/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	PLU CVX JV BS 015H	Sampling Condition:	Cool & Intact
Project Number:	03C1558376	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.209550,-103.848710		

Sample ID: FS 09 1' (H247115-09)

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	11/21/2024	ND	2.16	108	2.00	1.36	
Toluene*	<0.050	0.050	11/21/2024	ND	2.06	103	2.00	1.54	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.04	102	2.00	1.71	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.06	101	6.00	1.73	
Total BTEX	<0.300	0.300	11/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/22/2024	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	11/22/2024	ND	193	96.5	200	5.80	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	193	96.3	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	100 \$	48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	% 49.1-14	8						

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	3122 N	HILLARD ATIONAL PARKS HWY BAD NM, 88220		
Received:	11/21/2024		Sampling Date:	11/19/2024
Reported:	11/22/2024		Sampling Type:	Soil
Project Name:	PLU CVX JV BS 015H		Sampling Condition:	Cool & Intact
Project Number:	03C1558376		Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.209550,-103.848710			

Sample ID: FS 10 1' (H247115-10)

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	11/21/2024	ND	2.16	108	2.00	1.36	
Toluene*	<0.050	0.050	11/21/2024	ND	2.06	103	2.00	1.54	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.04	102	2.00	1.71	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.06	101	6.00	1.73	
Total BTEX	<0.300	0.300	11/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	11/22/2024	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	11/22/2024	ND	193	96.5	200	5.80	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	193	96.3	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	104 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	106 9	% 49.1-14	8						

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	ENSOLUM		
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	3122 NATIONAL PARKS	5 HWY	
	CARLSBAD NM, 88220		
	Fax To:		
11/21/2024		Sampling Date:	
11/22/2024		Sampling Typo:	

Received:	11/21/2024	Sampling Date:	11/19/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	PLU CVX JV BS 015H	Sampling Condition:	Cool & Intact
Project Number:	03C1558376	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.209550,-103.848710		

Sample ID: FS 11 1' (H247115-11)

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	11/21/2024	ND	2.16	108	2.00	1.36	
Toluene*	<0.050	0.050	11/21/2024	ND	2.06	103	2.00	1.54	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.04	102	2.00	1.71	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.06	101	6.00	1.73	
Total BTEX	<0.300	0.300	11/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	11/22/2024	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	11/22/2024	ND	193	96.5	200	5.80	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	193	96.3	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	96.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.2	% 49.1-14	8						

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	ENSOLUM
	TRACY HILLARD
	3122 NATIONAL PARKS HWY
	CARLSBAD NM, 88220
	Fax To:
11/21/2024	Sampling Date:

Received:	11/21/2024	Sampling Date:	11/19/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	PLU CVX JV BS 015H	Sampling Condition:	Cool & Intact
Project Number:	03C1558376	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.209550,-103.848710		

Sample ID: FS 12 1' (H247115-12)

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	11/21/2024	ND	2.16	108	2.00	1.36	
Toluene*	<0.050	0.050	11/21/2024	ND	2.06	103	2.00	1.54	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.04	102	2.00	1.71	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.06	101	6.00	1.73	
Total BTEX	<0.300	0.300	11/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/22/2024	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	11/22/2024	ND	193	96.5	200	5.80	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	193	96.3	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	101 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101 9	% 49.1-14	8						

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	ENSOLUM
	TRACY HILLARD
	3122 NATIONAL PARKS HWY
	CARLSBAD NM, 88220
	Fax To:
11/21/2024	Sampling Date:

Received:	11/21/2024	Sampling Date:	11/19/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	PLU CVX JV BS 015H	Sampling Condition:	Cool & Intact
Project Number:	03C1558376	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.209550,-103.848710		

Sample ID: FS 13 1' (H247115-13)

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	11/21/2024	ND	2.16	108	2.00	1.36	
Toluene*	<0.050	0.050	11/21/2024	ND	2.06	103	2.00	1.54	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.04	102	2.00	1.71	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.06	101	6.00	1.73	
Total BTEX	<0.300	0.300	11/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/22/2024	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	11/22/2024	ND	193	96.5	200	5.80	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	193	96.3	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	98.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101 9	% 49.1-14	8						

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	ENSOLUM		
	TRACY HILLARD		
	3122 NATIONAL PARKS	HWY	
	CARLSBAD NM, 88220		
	Fax To:		
11/21/2024		Sampling Date:	
11/22/2024		Compling Types	

Received:	11/21/2024	Sampling Date:	11/19/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	PLU CVX JV BS 015H	Sampling Condition:	Cool & Intact
Project Number:	03C1558376	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.209550,-103.848710		

Sample ID: FS 14 1' (H247115-14)

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	11/21/2024	ND	2.16	108	2.00	1.36	
Toluene*	<0.050	0.050	11/21/2024	ND	2.06	103	2.00	1.54	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.04	102	2.00	1.71	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.06	101	6.00	1.73	
Total BTEX	<0.300	0.300	11/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/22/2024	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	11/22/2024	ND	193	96.5	200	5.80	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	193	96.3	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	98.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.0	% 49.1-14	8						

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	ENSOLUM	
	TRACY HILLARD	
	3122 NATIONAL PARKS HWY	
	CARLSBAD NM, 88220	
	Fax To:	
11/21/2024	Sampling Date:	

Received:	11/21/2024	Sampling Date:	11/19/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	PLU CVX JV BS 015H	Sampling Condition:	Cool & Intact
Project Number:	03C1558376	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.209550,-103.848710		

Sample ID: FS 15 1' (H247115-15)

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	11/21/2024	ND	2.16	108	2.00	1.36	
Toluene*	<0.050	0.050	11/21/2024	ND	2.06	103	2.00	1.54	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.04	102	2.00	1.71	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.06	101	6.00	1.73	
Total BTEX	<0.300	0.300	11/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	11/22/2024	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	11/22/2024	ND	193	96.5	200	5.80	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	193	96.3	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	100	48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



	ENSOLUM
	TRACY HILLARD
	3122 NATIONAL PARKS HWY
	CARLSBAD NM, 88220
	Fax To:
11/21/2024	Sampling Date:

Received:	11/21/2024	Sampling Date:	11/19/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	PLU CVX JV BS 015H	Sampling Condition:	Cool & Intact
Project Number:	03C1558376	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.209550,-103.848710		

Sample ID: FS 16 1' (H247115-16)

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	11/21/2024	ND	2.16	108	2.00	1.36	
Toluene*	<0.050	0.050	11/21/2024	ND	2.06	103	2.00	1.54	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.04	102	2.00	1.71	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.06	101	6.00	1.73	
Total BTEX	<0.300	0.300	11/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/22/2024	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	11/22/2024	ND	193	96.5	200	5.80	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	193	96.3	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



	3122 N	HILLARD ATIONAL PARKS HWY BAD NM, 88220		
Received:	11/21/2024		Sampling Date:	11/19/2024
Reported:	11/22/2024		Sampling Type:	Soil
Project Name:	PLU CVX JV BS 015H		Sampling Condition:	Cool & Intact
Project Number:	03C1558376		Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.209550,-103.848710			

Sample ID: FS 17 1' (H247115-17)

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	11/21/2024	ND	2.16	108	2.00	1.36	
Toluene*	<0.050	0.050	11/21/2024	ND	2.06	103	2.00	1.54	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.04	102	2.00	1.71	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.06	101	6.00	1.73	
Total BTEX	<0.300	0.300	11/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/22/2024	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	11/22/2024	ND	193	96.5	200	5.80	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	193	96.3	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	101 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



	ENSOLUM	
	TRACY HILLARD	
	3122 NATIONAL PARKS HW	Y
	CARLSBAD NM, 88220	
	Fax To:	
11/21/2024		Sampling Date:

Received:	11/21/2024	Sampling Date:	11/19/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	PLU CVX JV BS 015H	Sampling Condition:	Cool & Intact
Project Number:	03C1558376	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.209550,-103.848710		

Sample ID: FS 18 1' (H247115-18)

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	11/21/2024	ND	2.16	108	2.00	1.36	
Toluene*	<0.050	0.050	11/21/2024	ND	2.06	103	2.00	1.54	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.04	102	2.00	1.71	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.06	101	6.00	1.73	
Total BTEX	<0.300	0.300	11/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	11/22/2024	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	11/22/2024	ND	193	96.5	200	5.80	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	193	96.3	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	101 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



PLU CVX JV BS 015H

XTO 32.209550,-103.848710

03C1558376

Sampling Condition:

Sample Received By:

11/19/2024

Cool & Intact

Tamara Oldaker

Soil

Analytical Results For:

	ENSOLUM	
	TRACY HILLARD	
	3122 NATIONAL PARKS HWY	
	CARLSBAD NM, 88220	
	Fax To:	
11/21/2024	Sampling Date:	
11/22/2024	Sampling Type:	

Sample ID: FS 19 1' (H247115-19)

Received:

Reported:

Project Name:

Project Number:

Project Location:

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	11/21/2024	ND	2.16	108	2.00	1.36	
Toluene*	<0.050	0.050	11/21/2024	ND	2.06	103	2.00	1.54	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.04	102	2.00	1.71	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.06	101	6.00	1.73	
Total BTEX	<0.300	0.300	11/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	11/22/2024	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	11/22/2024	ND	193	96.5	200	5.80	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	193	96.3	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	98.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



	Т 3 С	ENSOLUM IRACY HILLARD 8122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:		
Received:	11/21/2024		Sampling Date:	11/19/2024
Reported:	11/22/2024		Sampling Type:	Soil
Project Name:	PLU CVX JV BS 015H		Sampling Condition:	Cool & Intact
Project Number:	03C1558376		Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.209550,-103.8	48710		

Sample ID: FS 20 1' (H247115-20)

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	11/21/2024	ND	2.16	108	2.00	1.36	
Toluene*	<0.050	0.050	11/21/2024	ND	2.06	103	2.00	1.54	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.04	102	2.00	1.71	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.06	101	6.00	1.73	
Total BTEX	<0.300	0.300	11/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	11/22/2024	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	11/22/2024	ND	193	96.5	200	5.80	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	193	96.3	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	97.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.7	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



	ENSOLUM	
	TRACY HILLARD	
	3122 NATIONAL PARKS HWY	/
	CARLSBAD NM, 88220	
	Fax To:	
11/21/2024		Sampling Date:

Received:	11/21/2024	Sampling Date:	11/19/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	PLU CVX JV BS 015H	Sampling Condition:	Cool & Intact
Project Number:	03C1558376	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.209550,-103.848710		

Sample ID: FS 21 1' (H247115-21)

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	11/21/2024	ND	2.22	111	2.00	2.46	
Toluene*	<0.050	0.050	11/21/2024	ND	2.26	113	2.00	2.08	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.16	108	2.00	2.16	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.86	114	6.00	2.42	
Total BTEX	<0.300	0.300	11/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	11/22/2024	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	11/22/2024	ND	177	88.5	200	0.0463	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	174	87.1	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	87.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.0	% 49.1-14	8						

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	ENSOLUM	
	TRACY HILLARD	
	3122 NATIONAL PARKS	S HWY
	CARLSBAD NM, 88220	
	Fax To:	
11/21/2024		Sampling Date:

Received:	11/21/2024	Sampling Date:	11/19/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	PLU CVX JV BS 015H	Sampling Condition:	Cool & Intact
Project Number:	03C1558376	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.209550,-103.848710		

Sample ID: FS 22 1' (H247115-22)

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	11/21/2024	ND	2.22	111	2.00	2.46	
Toluene*	<0.050	0.050	11/21/2024	ND	2.26	113	2.00	2.08	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.16	108	2.00	2.16	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.86	114	6.00	2.42	
Total BTEX	<0.300	0.300	11/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	11/22/2024	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	11/22/2024	ND	177	88.5	200	0.0463	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	174	87.1	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	89.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.4	% 49.1-14	8						

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	3122	CY HILLARD NATIONAL PARKS HWY SBAD NM, 88220		
Received:	11/21/2024		Sampling Date:	11/19/2024
Reported:	11/22/2024		Sampling Type:	Soil
Project Name:	PLU CVX JV BS 015H		Sampling Condition:	Cool & Intact
Project Number:	03C1558376		Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.209550,-103.8487	10		

Sample ID: FS 23 1' (H247115-23)

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	11/21/2024	ND	2.22	111	2.00	2.46	
Toluene*	<0.050	0.050	11/21/2024	ND	2.26	113	2.00	2.08	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.16	108	2.00	2.16	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.86	114	6.00	2.42	
Total BTEX	<0.300	0.300	11/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	11/22/2024	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	11/22/2024	ND	177	88.5	200	0.0463	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	174	87.1	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	87.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.9	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	ENSOLUM	
	TRACY HILLARD	
	3122 NATIONAL PARKS	HWY
	CARLSBAD NM, 88220	
	Fax To:	
11/21/2024		Sampling Date:

Received:	11/21/2024	Sampling Date:	11/19/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	PLU CVX JV BS 015H	Sampling Condition:	Cool & Intact
Project Number:	03C1558376	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.209550,-103.848710		

Sample ID: FS 24 1' (H247115-24)

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	11/21/2024	ND	2.22	111	2.00	2.46	
Toluene*	<0.050	0.050	11/21/2024	ND	2.26	113	2.00	2.08	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.16	108	2.00	2.16	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.86	114	6.00	2.42	
Total BTEX	<0.300	0.300	11/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	11/22/2024	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	11/22/2024	ND	177	88.5	200	0.0463	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	174	87.1	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	88.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.6	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	11/21/2024	Sampling Date:	11/19/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	PLU CVX JV BS 015H	Sampling Condition:	Cool & Intact
Project Number:	03C1558376	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.209550,-103.848710		

Sample ID: FS 25 3' (H247115-25)

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	11/21/2024	ND	2.22	111	2.00	2.46	
Toluene*	<0.050	0.050	11/21/2024	ND	2.26	113	2.00	2.08	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.16	108	2.00	2.16	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.86	114	6.00	2.42	
Total BTEX	<0.300	0.300	11/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	11/22/2024	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	11/22/2024	ND	177	88.5	200	0.0463	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	174	87.1	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	91.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



	Т 3 С	ENSOLUM IRACY HILLARD 8122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:		
Received:	11/21/2024		Sampling Date:	11/19/2024
Reported:	11/22/2024		Sampling Type:	Soil
Project Name:	PLU CVX JV BS 015H		Sampling Condition:	Cool & Intact
Project Number:	03C1558376		Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.209550,-103.8	348710		

Sample ID: FS 26 1' (H247115-26)

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	11/21/2024	ND	2.22	111	2.00	2.46	
Toluene*	<0.050	0.050	11/21/2024	ND	2.26	113	2.00	2.08	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.16	108	2.00	2.16	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.86	114	6.00	2.42	
Total BTEX	<0.300	0.300	11/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	11/22/2024	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	11/22/2024	ND	177	88.5	200	0.0463	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	174	87.1	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	82.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.0	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



PLU CVX JV BS 015H

XTO 32.209550,-103.848710

03C1558376

Cool & Intact

Tamara Oldaker

Sampling Condition:

Sample Received By:

Analytical Results For:

	ENSOLUM		
	TRACY HILLARD		
	3122 NATIONAL PARKS	HWY	
	CARLSBAD NM, 88220		
	Fax To:		
11/21/2024		Sampling Date:	11/19/2024
11/22/2024		Sampling Type:	Soil

Sample ID: FS 27 1' (H247115-27)

Received:

Reported:

Project Name:

Project Number:

Project Location:

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	11/21/2024	ND	2.22	111	2.00	2.46	
Toluene*	<0.050	0.050	11/21/2024	ND	2.26	113	2.00	2.08	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.16	108	2.00	2.16	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.86	114	6.00	2.42	
Total BTEX	<0.300	0.300	11/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	11/22/2024	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	11/22/2024	ND	177	88.5	200	0.0463	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	174	87.1	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	88.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.6	% 49.1-14	0						

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Celey D. Keene, Lab Director/Quality Manager



	ТІ 3: С	NSOLUM RACY HILLARD 122 NATIONAL PARKS HWY ARLSBAD NM, 88220 ax To:		
Received:	11/21/2024		Sampling Date:	11/19/2024
Reported:	11/22/2024		Sampling Type:	Soil
Project Name:	PLU CVX JV BS 015H		Sampling Condition:	Cool & Intact
Project Number:	03C1558376		Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.209550,-103.84	48710		

Sample ID: FS 28 1' (H247115-28)

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	11/21/2024	ND	2.22	111	2.00	2.46	
Toluene*	<0.050	0.050	11/21/2024	ND	2.26	113	2.00	2.08	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.16	108	2.00	2.16	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.86	114	6.00	2.42	
Total BTEX	<0.300	0.300	11/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	11/22/2024	ND	448	112	400	7.41	
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	11/22/2024	ND	177	88.5	200	0.0463	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	174	87.1	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	86.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.9	% 49.1-14	8						

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ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	11/21/2024	Sampling Date:	11/19/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	PLU CVX JV BS 015H	Sampling Condition:	Cool & Intact
Project Number:	03C1558376	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.209550,-103.848710		

Sample ID: FS 29 1' (H247115-29)

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	11/21/2024	ND	2.22	111	2.00	2.46	
Toluene*	<0.050	0.050	11/21/2024	ND	2.26	113	2.00	2.08	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.16	108	2.00	2.16	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.86	114	6.00	2.42	
Total BTEX	<0.300	0.300	11/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	11/22/2024	ND	448	112	400	7.41	
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	11/22/2024	ND	177	88.5	200	0.0463	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	174	87.1	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	83.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.7	% 49.1-14	8						

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	Т 3 С	ENSOLUM IRACY HILLARD 8122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:		
Received:	11/21/2024		Sampling Date:	11/19/2024
Reported:	11/22/2024		Sampling Type:	Soil
Project Name:	PLU CVX JV BS 015H		Sampling Condition:	Cool & Intact
Project Number:	03C1558376		Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.209550,-103.8	48710		

Sample ID: FS 30 1' (H247115-30)

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	11/21/2024	ND	2.22	111	2.00	2.46	
Toluene*	<0.050	0.050	11/21/2024	ND	2.26	113	2.00	2.08	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.16	108	2.00	2.16	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.86	114	6.00	2.42	
Total BTEX	<0.300	0.300	11/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	11/22/2024	ND	448	112	400	7.41	
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	11/22/2024	ND	177	88.5	200	0.0463	
DRO >C10-C28*	28.2	10.0	11/22/2024	ND	174	87.1	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	80.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.2	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	11/21/2024	Sampling Date:	11/19/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	PLU CVX JV BS 015H	Sampling Condition:	Cool & Intact
Project Number:	03C1558376	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.209550,-103.848710		

Sample ID: SW 01 0-1' (H247115-31)

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	11/21/2024	ND	2.22	111	2.00	2.46	
Toluene*	<0.050	0.050	11/21/2024	ND	2.26	113	2.00	2.08	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.16	108	2.00	2.16	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.86	114	6.00	2.42	
Total BTEX	<0.300	0.300	11/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	11/22/2024	ND	448	112	400	7.41	
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	11/22/2024	ND	177	88.5	200	0.0463	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	174	87.1	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	89.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.2	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	11/21/2024	Sampling Date:	11/19/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	PLU CVX JV BS 015H	Sampling Condition:	Cool & Intact
Project Number:	03C1558376	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.209550,-103.848710		

Sample ID: SW 02 0-3' (H247115-32)

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	11/21/2024	ND	2.22	111	2.00	2.46	
Toluene*	<0.050	0.050	11/21/2024	ND	2.26	113	2.00	2.08	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.16	108	2.00	2.16	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.86	114	6.00	2.42	
Total BTEX	<0.300	0.300	11/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	11/22/2024	ND	448	112	400	7.41	
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	11/22/2024	ND	177	88.5	200	0.0463	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	174	87.1	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	86.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.6	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	11/21/2024	Sampling Date:	11/19/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	PLU CVX JV BS 015H	Sampling Condition:	Cool & Intact
Project Number:	03C1558376	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.209550,-103.848710		

Sample ID: SW 03 0-1' (H247115-33)

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	11/21/2024	ND	2.22	111	2.00	2.46	
Toluene*	<0.050	0.050	11/21/2024	ND	2.26	113	2.00	2.08	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.16	108	2.00	2.16	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.86	114	6.00	2.42	
Total BTEX	<0.300	0.300	11/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	11/22/2024	ND	448	112	400	7.41	
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	11/22/2024	ND	177	88.5	200	0.0463	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	174	87.1	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	87.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.8	% 49.1-14	8						

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ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	11/21/2024	Sampling Date:	11/19/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	PLU CVX JV BS 015H	Sampling Condition:	Cool & Intact
Project Number:	03C1558376	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.209550,-103.848710		

Sample ID: SW 04 0-1' (H247115-34)

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	11/21/2024	ND	2.22	111	2.00	2.46	
Toluene*	<0.050	0.050	11/21/2024	ND	2.26	113	2.00	2.08	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.16	108	2.00	2.16	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.86	114	6.00	2.42	
Total BTEX	<0.300	0.300	11/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	11/22/2024	ND	448	112	400	7.41	
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	11/22/2024	ND	177	88.5	200	0.0463	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	174	87.1	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	87.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.5	% 49.1-14	8						

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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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Celey D. Keene, Lab Director/Quality Manager

Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Ensolum. LLC	nsolum. LLC			1201
Project Manager: Type Ling		BILL TO		ANALYSIS REQUEST
tional Park		P.O. #:		
City: Carlsbad	State: NM Zip: 88220	Attn: Coltan		
Phone #: 575 937 3906	Fax #:	Address: 3104 E Green St		
Project #: 0301556376	Project Owner: XTO	City: Carlsbad		
ker Lake	×	State: NM Zip: 88220		
Ø	-103.848710			
:: 		Fax #:		
FOR LAB USE ONLY	MATRIX	PRESERV SAMPLING		
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER : ACID/BASE: ICE / COOL OTHER :	∎ Chlorides Chlorides	
2 1 1502 2021 1202	8	X 11.19,24	X	
TT		901 201		
2047 804		1115		
LEASE NOTE: Lability and Damages. Cardinal's liability and of		R 11,19,74 1015	X	
survives. All claims including those for negligence and any other sin/ce. In no event shall Cardinal be liable for incidental or con fittales or successors arising out of or related to the performan cellinguished By:	cause whatsoever shall be deemed waived unless manuer or quental damages, including without limitation, business of services hereunder by Cardinal, regardless of wheth	en n contract or lon, shall be limited to the annount paid by the client s in writing and received by Cardinal within 30 days after completion, interruptions, loss of use, or loss of profils incurred by client, its subst such claim is based upon any of the above stated reasons or other.	1	
telinguished By	ACIE ACIE	All Results are	Ire	Yes No Add'I Phone #: emailed. Please provide Email address: @ensolum.com, TMorrissey@ensolum.com, KThomason@ensolum.com
cle One)	Necetved	()	- PP	32
her:	Corrected Temp. "C 27 Sample Condition Corrected Temp. "C 27 Cool Intact Ves Yes No No	on CHECKED BY: Turnaround Tin (Initials) 24 W Thermometer D Correction Factor	Turnaround Time: Standard	ol Intact Yes Yes
	† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com	iges. Please email changes to c	valav kaonananalinalia	C C C C C C C C C C C C C C C C C C C

101 E		
1 East Marland, Hobbs, NM	D D	
ast Marland, Hobbs, NM 88240	a D	
obbs, NN	S	
1 88240	PS PS	

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Ensolum, LLC	nsolum, LLC			011							
Project Manager:	Tracy Hilland	0		PO #	10	1			ANALYSIS	IS REQUEST	IST
Address: 3122 National Parks Hwy	onal Parks Hwy			Company: YTO Encourt Inc.		-				_	
City: Carlsbad		State: NM	Zip: 88220	Attn: Colton Brown	and Shine	_				_	
Phone #: 575	937 3906	Fax #:		Address: 3104 E Green St	Green St	_					
Project #: 03CIS		Project Owner: XTO	IT: XTO	City: Carlsbad						_	
Project Name: Koker Lake	whate CNX	JN BS 015H	T	State: NM Zip:	Zip: 88220					_	
Project Location:	32,209550	-103, 8	0		07700			_			
Sampler Name: Joshua Boxley	hua Boxley			Fav #.					_		
FOR LAB USE ONLY				Fax #:				_			
				PRESERV.	SAMPLING						
Lab I.D. S	Sample I.D.	Depth (feet)	(G)RAB OR (C)ON # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	SLUDGE OTHER : ACID/BASE: CE / COOL OTHER :	DATE TIME	Chlorides	НЧТ	8TEX			
27 11	115	1 - 1 - an	X	X	-	×	\sim	Z	+		
2 2					1035						
	p12				1040		-				
10 00	515				1050		-				
1	915				1055		_				
12	1217				1304		-		_		
19	512				1306						
PIEASE NOTE: LLES	642		CIX	XIIIQ	1974 1217	X	5	A			
analyses. All claims including those for negligence and any dire cause whether what is the diremating whether based is contract or fort, shall be limited to the amount pad by the client for the service. In or event shall be diremating and movies made in writing and necleted by Cardinal within 30 days after cause whether within a service. In or event shall be diremating and movies made in writing and necleted by Cardinal within 30 days after cause whether and any device of the application of the applica	or negligence and any other liable for incidental or cons	ents exclusive remedy for any cause whatsoever shall be de equental damages, including w	r claim arising whether based in contra- temed waived unless made in writing in vithout limitation, business interruption	act or tort, shall be limited to the amo and received by Cardinal within 30 da 5. loss of use, or loss of omfer incurre	unt paid by the client for the safter completion of the	applicable	R		+		
Relinquished By:	110	Date: 21-24	Received By:	m is based upon any of the above sta	Verbal Result:	7	□ Yes	No	Add'l Phone #	*	
Relinquished By:	MAN	Time;330	Munnin	Allah Sur	All Results	are ema	nsolum	All Results are emailed. Please provide Email address:	e Email add issey@ensc	ress: olum.com, KThe	mailed. Please provide Email address: @ensolum.com, TMorrissey@ensolum.com, KThomason@ensolum.com
		Time:	Received By:		REMARKS: Incident: WA	- PP	152	Cost Center: 111 and 1 and			
Delivered By: (Circle One)		Observed Temp. "C	29 Sample Condition	tion CHECKED BY:	Turnaround	Time:	00/ 00/	00	•		
Sampler - UPS - Bus -	Other: C.			D	Thermometer ID #4	IIme:	the	Rush	Bacteria (only) Cool Intact	6	Condition Observed Temp. °C
1 2.6 10 DOD-000	0101121	+ Cardinal cannot account			Correction Factor	etor -0,5°C		TO, MULLE	F INC		Corrected Temp. °C

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Corrected Temp. °C

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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PLEASE NOTE: Liability and Damages, Cardinal's liability and class				
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November 22, 2024

TRACY HILLARD ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD, NM 88220

RE: PLU CVX JV BS 015H

Enclosed are the results of analyses for samples received by the laboratory on 11/21/24 13:30.

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

Cardinal Laboratories is 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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	11/21/2024	Sampling Date:	11/20/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	PLU CVX JV BS 015H	Sampling Condition:	Cool & Intact
Project Number:	03C1558376	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.209550,-103.848710		

Sample ID: BF 01 0.5 (H247116-01)

BTEX 8021B	mg,	mg/kg Analyzed By: JH		d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2024	ND	2.22	111	2.00	2.46	
Toluene*	<0.050	0.050	11/21/2024	ND	2.26	113	2.00	2.08	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.16	108	2.00	2.16	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.86	114	6.00	2.42	
Total BTEX	<0.300	0.300	11/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	11/22/2024	ND	448	112	400	7.41	
TPH 8015M	mg,	g/kg Analyzed By: MS		d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2024	ND	177	88.5	200	0.0463	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	174	87.1	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	86.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Delivered By: (Circle One) Sampler - UPS - Bus - Other: Corrected Temp. *C 2. Sample Condition Corrected Temp. *C 2. Sample Condition TORM-UUD R 3.2 TURUTIZI t Cardinal cannot accept verbal change	Relinquished By:	PLEASE NOTE: Lability and Damages. Cardinal's lability and client's exclusive remedy for any claim arising whether based in contract or lost, shall analyses. All claims including those for negligence and any other cause whatsoover shall be deemed valved unless made in witting and received by service. In no event shall Cardinal to liable for incidental or consequential damages, including without limitation, business interplotes or use, or affinities or successoos arising out of or related to the performance of services hereunder by Cardinal beiness made to use, or Refinquished By;	G)RAB OR (C)OMP. CONTAINERS GROUNDWATER VASTEWATER OIL	Deliver Letter CVX on: 32, 200550 -	Project #:03(556376 Project Owner: XTO	City: Carlsbad State: NM Zip: 88220	Address: 3122 National Parks Hww	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 Company Name: Ensolum, LLC	Laboratories
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APPENDIX D Remediation Work Plan, dated August 8, 2024

E N S O L U M

August 8, 2024

New Mexico Oil Conservation Division 1220 South St. Francis Drive Santa Fe, New Mexico 87505

Re: Remediation Work Plan Poker Lake CVX JV BS 015H Incident Number nAPP2415233132 Eddy County, New Mexico

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of XTO Energy, Inc. (XTO), has prepared the following *Remediation Work Plan (Work Plan)* to document assessment and delineation activities completed to date and proposes remedial actions to address impacted soil identified at the Poker Lake CVX JV BS 015H (Site). The purpose of the Site assessment and delineation activities was to determine the presence or absence of impacted soil resulting from the release of crude oil and produced water at the Site. The following *Work Plan* proposes to excavate accessible impacted soil.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit B, Section 23, Township 24 South, Range 30 East, in Eddy County, New Mexico (32.20955°, -103.84871°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On May 15, 2024, corrosion on a production flow line resulted in the release of 2 barrels (bbls) of crude oil and 6 bbls of produced water onto the surface of the adjacent lease road and pasture. No fluids were able to be recovered. XTO reported the release to the New Mexico Oil Conservation Division (NMOCD) via a Notification of Release (NOR) and subsequently submitted an Initial C-141 Application (C-141) on May 31, 2024. The release was assigned Incident Number nAPP2415233132.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized to assess the applicability of Table I Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (19.15.29) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are presented below.

Depth to groundwater at the Site is estimated to be greater than 100 feet below ground surface (bgs) based on a soil boring drilled for determination of regional groundwater depth. In January 2022, a soil boring permitted by New Mexico Office of the State Engineer (C-4575) was completed approximately 0.09 miles northwest of the Site utilizing hollow stem auger method. Soil boring C-4575 was drilled to a depth of 105 feet bgs. A field geologist logged and described soils continuously. No moisture or groundwater was encountered during drilling activities. The temporary well was left open for over 72 hours to allow for potential slow infill of groundwater. After the 72-hour waiting period without observing groundwater, it was confirmed that groundwater beneath the Site is greater than 105 feet bgs.

XTO Energy, Inc. Remediation Work Plan Poker Lake CVX JV BS 015H

The borehole was properly abandoned with drill cuttings and hydrated bentonite chips. The Well Record & Log is included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is a freshwater emergent wetland, located approximately 500 feet southwest of the Site. There is a seasonal dry wash 3,118 feet north of the Site. The Site is greater than 200 feet from any lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area). Potential Site receptors are identified on Figure 1.

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

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH)-gasoline range organics (GRO) and TPH-diesel range organics (DRO): 1,000 mg/kg
- Total TPH: 2,500 mg/kg
- Chloride: 20,000 mg/kg

A reclamation requirement of 600 mg/kg chloride and 100 mg/kg TPH applies to the top 4 feet of pasture area that was impacted by the releases, per 19.15.29.13.D (1) NMAC for the top 4 feet of areas that will be reclaimed following remediation.

SITE ASSESSMENT AND SOIL SAMPLING ACTIVITIES

Immediately following the release on May 15, 2024, Ensolum personnel conducted a Site assessment to evaluate the release extent based on visual observations and information provided by XTO. The release extent area was mapped utilizing a handheld Global Positioning System (GPS) unit and is depicted on Figure 2. On May 17, 2024, Micro-Blaze[®] was applied to affected and potentially affected plants in the area in and around the release extent to assist in the breakdown of hydrocarbons that may be present and reduce the impacts to the plant life. A total of 200 gallons of a 3 percent (%) solution of freshwater and Micro-Blaze[®], which contains a combination of wetting agents, nutrients, and microbes, was applied to the impacted plants to address potentially elevated TPH concentrations. The safety data sheet for Micro-Blaze[®] is included in Appendix B.

On June 10, 2024, Ensolum personnel conducted a Site assessment to evaluate the release extent. Ten assessment soil samples (SS01 through SS10) were collected at a depth of 0.5 feet bgs in and around of the release extent. The assessment soil samples were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride utilizing Hach[®] chloride QuanTab[®] test strips. Soil assessment sample locations are depicted on Figure 2. A photographic log of the initial Site assessment is included in Appendix C.

On June 26, 2024, Ensolum returned to the Site to oversee delineation activities. Three potholes (SS01, SS09, and BH01) were advanced via heavy equipment and hand auger to investigate the vertical extent of the release in the vicinity of soil samples SS01, SS09, and SS03, respectively. The potholes were advanced to depths ranging from 1-foot to 5 feet bgs. Discrete soil samples were collected from each



XTO Energy, Inc. Remediation Work Plan Poker Lake CVX JV BS 015H

pothole at depths ranging from 0.5 feet to 5 feet bgs. All delineation soil samples were field screened by the same methods as stated above. A photographic log of delineation activities is included in Appendix C. Field screening results and observations for all potholes were logged on lithologic/soil sampling logs, which are included as Appendix D. The soil sample locations were mapped utilizing a handheld GPS unit and the delineation soil sample locations are depicted on Figure 2.

The soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures to Cardinal Laboratories (Cardinal) in Hobbs, New Mexico, for analysis of the following contaminants of concern (COCs): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-GRO, TPH-DRO, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following Standard Methods SM4500.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for all assessment soil samples, excluding SS01, SS03, and SS09 at 0.5 feet bgs, indicated they were in compliance with Closure Criteria and reclamation standards, confirming lateral delineation of the release.

Laboratory analytical results for assessment soil sample SS01, collected at 0.5 feet bgs, indicated TPH and chloride concentrations exceeded the reclamation requirement, but was in compliance at 3 feet bgs. Soil assessment sample SS03, collected at 0.5 feet bgs, indicated the chloride concentration met the Closure Criteria but exceeded the reclamation requirement; however, soil assessment sample BH01, collected at 0.5 feet and 1-foot bgs, and located approximately 15 feet to the west of SS03, were in compliance with the Closure Criteria and reclamation requirement. Soil assessment sample SS09, collected at 0.5 feet bgs, indicated the TPH-GRO/TPH-DRO concentration exceeded Closure Criteria and the TPH concentration exceeded the reclamation requirement but was in compliance at 1-foot, 4 feet, and 5 feet bgs.

Laboratory analytical results are summarized in Table 1 and the complete laboratory analytical report is included in Appendix E.

PROPOSED REMEDIATION WORK PLAN

Site assessment and delineation activities were conducted at the Site to assess for the presence or absence of impacted soil resulting from the releases of crude oil and produced water. Based on laboratory analytical results, TPH-GRO/TPH-DRO, total TPH, and chloride impacted soil exists across an approximate 5,150 square-foot area within the release footprint at depths ranging from 0.5 feet bgs to 3 feet bgs. The lateral extent of the release is defined through laboratory analytical results of soil samples SS02 through SS10, excluding SS03 and SS09.

XTO proposes to complete the following remediation activities:

- Excavation of petroleum hydrocarbon and chloride impacted soil. Excavation will proceed laterally until sidewall samples confirm all COC concentrations are compliant with the Closure Criteria as well as reclamation requirements for the top 4 feet, where applicable. The proposed excavation extent is depicted on Figure 3.
- An estimated 300 cubic yards of impacted soil will be excavated. The excavated soil will be transferred to a New Mexico approved landfill facility for disposal.


XTO Energy, Inc. Remediation Work Plan Poker Lake CVX JV BS 015H

• The excavation will be backfilled and recontoured to match pre-existing Site conditions and the pasture area will be reseeded with a BLM-approved seed mixture.

XTO believes this *Work Plan* is protective of human health, the environment, and groundwater. As such, XTO requests approval of this *Work Plan* by NMOCD. XTO will complete the excavation and soil sampling activities within 90 days of the date of approval of this *Work Plan* by the NMOCD or within 90 days of when XTO production operations is discharged from the Site, whichever comes first.

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

Sincerely, Ensolum, LLC

Tran Hittark

Tracy Hillard Staff Engineer

Q.

Daniel Moir, PG (licensed in WY & TX) Senior Managing Geologist

cc: Amy Ruth, XTO Amanda Garcia, XTO BLM

Appendices:

- Figure 1 Site Receptor Map
- Figure 2 Delineation Soil Sample Locations
- Figure 3 Proposed Excavation Extent
- Table 1Soil Sample Analytical Results
- Appendix A Referenced Well Records
- Appendix B Safety Data Sheet Micro-Blaze®
- Appendix C Photographic Log
- Appendix D Lithologic / Soil Sampling Logs
- Appendix E Laboratory Analytical Reports & Chain-of-Custody Documentation





FIGURES

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TABLES

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ENSOLUM

TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS Poker Lake CVX JV BS 015H XTO Energy, Inc Eddy County, New Mexico										
Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I C	Closure Criteria ((NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000
				Asse	essment Soil Sa	Imples			<u> </u>	
SS01	06/10/2024	0.5	<0.050	<0.300	10.1	689	151	699	850	5,200
SS01	06/26/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SS02	06/10/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SS03	06/10/2024	0.5	<0.050	<0.300	<10.0	42.9	<10.0	43.0	43.0	1,390
SS04	06/10/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
SS05	06/10/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SS06	06/10/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SS07	06/10/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SS08	06/10/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SS09	06/10/2024	0.5	<0.050	<0.300	100	854	134	1,088	1,088	112
SS09	06/26/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
SS09	06/26/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SS09	06/26/2024	5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SS10	06/10/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
				Deli	neation Soil Sa	mples				
BH01	06/26/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
BH01	06/26/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes Concentrations in **bold** exceed the NMOCD Table I Closure Criteria or reclamation requirement where applicable. GRO: Gasoline Range Organics DRO: Diesel Range Organics ORO: Oil Range Organics TPH: Total Petroleum Hydrocarbon

NMAC: New Mexico Administrative Code

 $\ensuremath{\mathsf{Grey}}$ text indicates soil sample removed during excavation activities

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APPENDIX A

Referenced Well Records

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WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

05E DIT JAN 24 2022 PM3:00

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION		1) AME(S) Kyle I IAILING Hill D LA' LOI ELATIN	Littrell) 3 ADDRESS r.	EGREES 32 103	WELL TAG ID NO n/a MINUTES 12 50 ESS AND COMMO	SECON 38.0 58.7	03 N 70 W	* DATUM REG	DNAL) REQUIRED: ONE TEN QUIRED: WGS 84			ZIP
	LICENSE NO. 1249		NAME OF LICENSED	J	ackie D. Atkin					gineering	Associates, I	_
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RMA	DRILLING METH	OD:	ROTARY	HAMMER	CABLE	TOOL	✓ OTHE	R - SPECIFY:	Hollo	ow Stem	Auger	
CASING INFORMATION	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM (inches)	GRAD		casing string, and TY		ASING NECTION TYPE ling diameter)	CASING INSIDE DIAM. (inches)	THI	NG WALL CKNESS nches)	SLOT SIZE (inches
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ERIAL	DEPTH (fee	t bgl) TO	BORE HOLE DIAM. (inches)	2.11.10	T ANNULAR S VEL PACK SIZI				AMOUNT (cubic feet)		METHO PLACEN	
3. ANNULAR MATERIAL												
FILE	OSE INTERNAL	tS	45 20	5-301	POD N	0. (WR-2 TRN 1 WELL TAG II	10 1			0/17) 1 OF 2

1	DEPTH (fe	eet bgl)	1	COLOR AND TYPE OF MATERIAL ENCOUNTERED -	DII JAN 24 902	ESTIMATED
	FROM	то	THICKNESS (feet)	INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	YIELD FOR WATER- BEARING ZONES (gpm)
	0	1	1	Caliche, White, Dry	Y √N	
	1	20	19	Sand, very fine grained, well graded, with caliche, Reddish Brown-Light Brow	vn Y N	
	20	30	20	Caliche, consolidated with silt and some gravel, Off-White, Dry	Y √N	
	30	50	20	Sand, very fine grained, well graded, with gravel, Light Brown	Y √N	
	50	75	25	Sand, very fine grained, well graded, with gravel, Reddish Brown, slight mois	st Y √N	
зL	75	105	30	Sand, very fine grained, poorly graded, Reddish Brown, slight moist	Y √N	10-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-
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H					and the rest of the Colored States	
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NO			RESULTS - ATT		VELL YIELD (gpm):	IETHOD,
EST; RIG SUPERVISION	PUMP WELL TEST		AIR LIFT	BAILER OTHER – SPECIFY: W CACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLU ME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER T emporary well materials removed and the soil boring backfilled using d set below ground surface, then hydrated bentonite chips from ten feet be ogs adapted from WSP on-site geologist.	VELL YIELD (gpm): DING DISCHARGE N THE TESTING PERIO drill cuttings from tot elow ground surface	IETHOD, D. al depth to ten to surface.
	PUMP WELL TEST MISCELLAN	T TEST T TEST STAF	AIR LIFT	BAILER OTHER – SPECIFY: W CACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER OUTHER – SPECIFY: emporary well materials removed and the soil boring backfilled using determine between below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below ground	VELL YIELD (gpm): DING DISCHARGE N THE TESTING PERIO drill cuttings from tot elow ground surface	METHOD, D. al depth to ten to surface.
s.	PUMP WELL TEST MISCELLAN PRINT NAM Shane Eldrid THE UNDEF CORRECT R AND THE PI	TE(S) OF E dge, Came	AIR LIFT	BAILER OTHER – SPECIFY: W CACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER C emporary well materials removed and the soil boring backfilled using det below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below adapted from WSP on-site geologist. RVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUE Files THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECOMPLETION OF WELL DRILLING:	VELL YIELD (gpm): DING DISCHARGE N THE TESTING PERIO drill cuttings from tot elow ground surface RUCTION OTHER TH T, THE FOREGOING IS CORD WITH THE STA	AETHOD, D. al depth to ten to surface. AN LICENSEE: S A TRUE AND
6. SIGNATURE 5. TEST; RIG SUPERVISION	PUMP WELL TEST MISCELLAN PRINT NAM Shane Eldrid THE UNDEF CORRECT R AND THE PI	TEST TEST STAF NEOUS IN IE(S) OF E Ige, Came RSIGNED CECORD C ERMIT HO Atkin	AIR LIFT	BAILER OTHER – SPECIFY: W CACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER C emporary well materials removed and the soil boring backfilled using det below ground surface, then hydrated bentonite chips from ten feet below ground surface, then hydrated bentonite chips from ten feet below adapted from WSP on-site geologist. RVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUE Files THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECOMPLETION OF WELL DRILLING: Jackie D. Atkins	VELL YIELD (gpm): DING DISCHARGE N THE TESTING PERIO drill cuttings from tot elow ground surface RUCTION OTHER TH T, THE FOREGOING IS CORD WITH THE STA 1/21/2022	AETHOD, D. al depth to ten to surface. AN LICENSEE: S A TRUE AND
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OSE_Well Record and Log_-forsign

Final Audit Report

Created:	2022-01-21
By:	Lucas Middleton (lucas@atkinseng.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAAHFW29aZiQH1D931B0LxyAz3o1wYi88ri

"OSE_Well Record and Log_-forsign" History

- Document created by Lucas Middleton (lucas@atkinseng.com) 2022-01-21 - 10:47:34 PM GMT- IP address: 69.21.248.123
- Document emailed to Jack Atkins (jack@atkinseng.com) for signature 2022-01-21 - 10:48:19 PM GMT
- Email viewed by Jack Atkins (jack@atkinseng.com) 2022-01-21 - 10:49:13 PM GMT- IP address: 64.90.153.232
- Document e-signed by Jack Atkins (jack@atkinseng.com) Signature Date: 2022-01-22 - 0:16:23 AM GMT - Time Source: server- IP address: 64.90.153.232
- Agreement completed. 2022-01-22 - 0:16:23 AM GMT

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2022-01-22





APPENDIX B

Safety Data Sheet - Micro-Blaze®



1. IDENTIFICATION OF THE SUBSTANCE

Product identifier

Product Name: Product Code: Micro-Blaze® Emergency Liquid Spill Control MBELSC

Recommended use of the chemical and restrictions on use

Recommended Use: Uses advised against: Bioremediation/cleaning Please refer to Product Data Sheet

Details of the supplier of the Safety Data Sheet

Contact Manufacturer:

Information Telephone Number: Emergency Telephone Number: Verde Environmental, Inc. 9223 Eastex Freeway Houston, TX USA 77093 1-713-691-6468 1-800-424-9300 (Chemtrec) 24 hours every day

2. HAZARDS IDENTIFICATION

Classification

Classification of the product is in accordance with 29CFR 1910.1200

Acute toxicity – Oral	Category 5
Serious eye damage/eye irritation	Category 2A
Skin sensitization	Category 1

Label elements

Emergency Overview

Warning

Hazard statements May cause an allergic skin reaction Causes serious eye irritation May be harmful if swallowed



Appearance: Opaque

Physical State: Liquid

Odor: Slight fermentation odor

Date Issued: 22nd January, 2021



Precautionary Statements – Prevention

Wear eye/face protection. Wear protective gloves. Avoid breathing dust/fume/gas/mist/vapors/spray.

Precautionary Statements – Response

Eyes	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
Skin	IF ON SKIN: Gently wash with plenty of soap and water
Inhalation	IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing
Ingestion	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

Precautionary Statements – Storage

Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F

Precautionary Statements – Disposal

Dispose of unused product and container in accordance with all applicable local and regional requirements

Hazards not otherwise classified (HNOC)

Not applicable

Other information

Health Hazard	1
Fire Hazard	0
Reactivity	0

3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	Weight - %
Water and Proprietary Viable Spore Forming Cultures	> 80
Proprietary blend of Ethoxylated Alcohols and other Organic materials	3-9
Additives	2 - 5

4. FIRST AID MEASURES

First aid measures

Date Issued: 22nd January, 2021



Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes				
Skin Contact	Wash off immediately with soap and plenty of water				
Inhalation	Move to fresh air				
Ingestion	Clean mouth with water and afterwards drink plenty of water				
Most important symptoms and effects, both acute and delayed					
Main symptoms	No information available				
Indication of any immediate medical attention and special treatment needed					

Notes to physician Treat symptomatically

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

Specific Hazards Arising from the Chemical

No information available

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures						
Personal Precautions	Ensure adequate ventilation					
Environmental precautions						
Environmental Precautions	It is not anticipated to be hazardous for the environment					
Methods and material for containment and cleaning up						
Methods for Clean-up	Pick up and transfer to properly labeled containers					
7. HANDLING AND STORAGE						
Precautions for safe handling						
Handling	Handle in accordance with good industrial hygiene and safety practice					

Date Issued: 22nd January, 2021



Conditions for safe storage, including any incompatibilities					
Storage Conditions	Keep containers tightly closed in a dry, cool and well-ventilated place				
Packaging Material	There could be many packaging types for the product. The details are given in other Verde Environmental, Inc. documents				
Incompatible Materials	Strong acids or alkali compounds and strong oxidizing agents may inactivate biological cultures				

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Individual protection measures, such as personal protective equipment

Eye Protection	Avoid contact with eyes			
Skin and body protection	No special technical protective measures are necessary			
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment			
General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practices				

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State
Appearance
Odor
Odor Threshold

Property

pH Melting/freezing point Evaporation rate VALUE Flammability (solid, gas) Burning rate 100mm VALUE Vapor pressure Vapor density Specific gravity Water solubility Solubility in other solvents Partition Coefficient (n-octanol/water) Autoignition temperature Decomposition temperature Viscosity of product Viscosity Liquid Tan, Opaque Pleasant (perfume) No information available

Values

7.0 - 8.0
freeze at 0°C/32°F
No information available
Not flammable
No information available
No information available
No information available
99%
No information available



Explosive properties Oxidizing properties

Other Information Softening Point VOC Content Density No information available No information available

No information available No information available No information available

10. STABILITY AND REACTIVITY

Reactivity

No data available

<u>Chemical stability</u> Stable under recommended storage conditions

<u>Possibility of Hazardous Reactions</u> None under normal processing

<u>Conditions to avoid</u> Extremes of temperature and direct sunlight

Incompatible materials

Strong acids or alkali compounds and strong oxidizing agents may inactivate biological cultures

Hazardous Decomposition Products

No information available

11. Toxicological Information

Information on likely routes of exposure

Inhalation	There is no data available for this product
Eye contact	Avoid contact with eyes. Severely irritating to eyes
Skin contact	Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.
Ingestion	Ingestion may cause stomach discomfort
Information on toxicological effects	
Symptoms	No information available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Date Issued: 22nd January, 2021



Sensitization
Mutagenic Effects
Reproductive Effects
Specific target organ systemic toxicity
Aspiration hazard

May cause sensitization of susceptible persons No information available No information available No information available No information available

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	Dahnia, acute	Algae, acute	Fish, acute
Proprietary blend of Ethoxylated	EC50 (48 hours): 5-10	EC50 (72 hours): 10- 100 mg/l	LC50: 1-10 mg/l
Alcohols	mg/l		

Persistence/Degradability

The organic components of the product are biodegradable.

Bioaccumulation/Accumulation

Chemical Name	Persistance and degradability	log Pow
Proprietary blend of Ethoxylated	Readily biodegradable (OECD TG	<0
Alcohols	301B	

Other adverse effects

No known effect

13.	DISPOSAL CONSIDERATIONS	
Wa	to treatment mothods	

Waste Disposal Method	Dispose of contents/container in accordance with local regulation
Contaminated Packaging	Empty containers should be taken for local recycling, recovery or waste disposal

14. TRANSPORT INFORMATION

Transport regulations:	No dangerous goods according to transport regulations No special precautions required
Transport hazard class(es):	N/A
Packing group:	N/A
Environmental hazards:	N/A

Date Issued: 22nd January, 2021



15. REGULATORY INFORMATION

International Inventories

Legend: TSCA – United States Toxic Substances Control Act Section 8(b) Inventory DSL/NDSL – Canadian Domestic Substances List/Non-Domestic Substances List

Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and 40 CFR Part 372.

No No No No

SARA 311/312 Hazardous

<u>Categorization</u>

<u>Tzation</u>	
Acute Health Hazard	
Chronic Health Hazard	
Fire Hazard	
Sudden Release of Pressure Hazard	
Reactive Hazard	

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

State Regulations

<u>California Proposition 65</u> This product does not contain any Proposition 65 chemicals

<u>State Right-to-Know</u> <u>U.S. EPA Label Information</u> EPA Pesticide Registration Number

Not Applicable

<u>Canada</u>

WHMIS Statement

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.



16. OTHER INFORMATION

Revision date: Revision Summary 01.22.2021

No information available

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text. Furthermore, as the conditions of use are beyond the control of Verde Environmental, Inc., it is the responsibility of the customer to determine the conditions of safe use of this preparation.



APPENDIX C

Photographic Log

Released to Imaging: 2/5/2025 4:29:59 PM





APPENDIX D

Lithologic Soil Sampling Logs

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ENSOLUM Site Name: Poker Lake CVX IV BS 015H Incident Number: APP241523132 Job Number: 32(0558376 UTHOLOGIC / SOIL SAMPLING LOG Logged By: TH/JB Method: Hand Auger Coordinates: 32.209521. 103.848724 Hole Diameter: 4" Total Depth: 3" Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1.4 dilution factor of soil to distilled water. A 40% correction factors included. Umage: Depth in 1.4 dilution factor of soil to distilled water. A 40% correction factors included. Uthologic Descriptions Up and the performed with 1.4 dilution factor of soil to distilled water. A 40% correction factors included. Uthologic Descriptions D 8607 87.9 Y SSOI 0.5 P Cliptical Correction factor of soil to distilled water. A 40% or poorly graded D 8607 87.9 Y SSOI 0.5 Cliptical Correction factor of soil to distilled water. A 40% or poorly graded D 2195 101 Y 1 1 1 1 D 8607 87.9 Y SSOI 0.5 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 <									Sample Name: SS01	Date: 6/26/2024
Job Number: 03C1558376 LITHOLOGIC / SOIL SAMPLING LOG Logged By: TH/JB Method: Hand Auger Coordinates: 32.209521, -103.848724 Hole Diameter: 4" Total Depth: 3' Coordinates: 32.209521, -103.848724 Hole Diameter: 4" Total Depth: 3' Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% correction factors included. and big figure figure figure figure figure figure water. A 40% correction factors included. and big figure					C					
Job Number: 03C1558376 LITHOLOGIC / SOIL SAMPLING LOG Logged By: TH/JB Method: Hand Auger Coordinates: 32.209521, -103.848724 Hole Diameter: 4" Total Depth: 3' Coordinates: 32.209521, -103.848724 Hole Diameter: 4" Total Depth: 3' Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% correction factors included. The private of the performed with 1:4 dilution factor of soil to distilled water. A 40% correction factors included. Open in the performed with 1:4 dilution factor of soil to distilled water. A 40% correction factors included. Depth in the performed with 1:4 dilution factor of soil to distilled water. A 40% correction factors included. Depth in the performed with 1:4 dilution factor of soil to distilled water. A 40% correction factors included. Depth in the performed with 1:4 dilution factor of soil to distilled water. A 40% correction factors included. Depth in the performed with 1:4 dilution factor of soil to distilled water. A 40% correction factors included. Depth in the performed with 1:4 dilution factor of soil to distilled water. A 40% correction factors included. Depth in the performed with 1:4 dilution factor of s					3					
Coordinates: 32.209521, -103.848724 Total Depth: 3' Goordinates: 32.209521, -103.848724 Total Depth: 3' Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% correction factors included. and Figure 1 and Figure 2 and Figure										
Coordinates: 32.209521, -103.848724 Total Depth: 3' Goordinates: 32.209521, -103.848724 Hole Diameter: 4" Total Depth: 3' Coordinates: 32.209521, -103.848724 Hole Diameter: 4" Total Depth: 3' Coordinates: 32.209521, -103.848724 Hole Diameter: 4" Total Depth: 3' Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% correction factors included. august the factor of soil to distilled water. A 40% correction factors included. august the factor of soil to distilled water. A 40% correction factors included. august the factor of soil to distilled water. A 40% correction factors included. august the factor of soil to distilled water. A 40% correction factors included. august the factor of soil to distilled water. A 40% correction factors included. Depth (ft bgs) Depth (ft bgs) Depth (ft bgs) Depth (ft bgs) SP-SC (0-3') SAND, dark brown, some silt, trace clay odor, poorly graded Depth (ft bgs) 10 SP-SC (@2') trace silt	LITHOLOGIC / SOIL SAMPLING LOG								Logged By: TH/JB	Method: Hand Auger
performed with 1:4 dilution factor of soil to distilled water. A 40% correction factors included. and the problem the problem Correction factors included. and the problem the problem Depth (ft bgs)	Coordi				-					
and tool and tool below	Comm	ents: Fie	ld screen	ing co	nducted w	vith HACH Ch	nloride Test S	trips and	PID for chloride and vapor, respe	ectively. Chloride test
D 8607 87.9 Y SS01 0.5 I 0 SP-SC (0-3') SAND, dark brown, some silt, trace clay odor, poorly graded D 8607 87.9 Y SS01 0.5 I I I I IIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	perfor	med with	n 1:4 dilut	tion fa	actor of soi	l to distilled	water. A 409	% correcti	on factors included.	
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D 8607 87.9 Y SS01 0.5 D 2195 101 Y 1 1 D 884.8 25.8 Y 2 2 2 (@2') trace silt D <173							0	SP-SC	(0-3') SAND, dark brown, s	some silt, trace clay
D 884.8 25.8 Y 2 2 2 (@2') trace silt D <173	D	8607	87.9	Y	SS01	0.5	+			
D 884.8 25.8 Y 2 2 2 (@2') trace silt D <173	П	2195	101	v		1 -	1			
D <173 40.3 N SS01 3 3 (@3') no silt		2155	101	'			t 1			
D <173 40.3 N SS01 3 3 (@3') no silt						-	_			
	D	884.8	25.8	Υ		2	2		(@2') trace silt	
						-	+			
						_	<u> </u>			
CCHE [(@3.5') CALICHE, hand auger refusal Total depth @ 3.5' feet bgs	D	<173	40.3	Ν	SS01	3	3		(@3') no silt	
Total depth @ 3.5' feet bgs						-	<u>†</u>	CCHE	(@3.5') CALICHE, hand au	ger refusal

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								Sample Name: SS09	Date: 6/26/2024	
			NI	C	ΟΙ			Site Name: Poker Lake CVX JV	BS 015H	
				2				Incident Number: nAPP241523	33132	
								Job Number: 03C1558376		
		LITHOL	OGI		SAMPLING		Logged By: TH/JB	Method: Backhoe		
Coord	inates: 32			-				Hole Diameter: 24"	Total Depth: 5'	
			-				•	PID for chloride and vapor, res on factors included.	pectively. Chloride test	
Moisture Content (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ft pgs) (ppm) (ft pgs) (bpm) (ft pgs) (ppm) (ft pgs) (ppm) (ft pgs) (ppm) (ft pgs) (ft									Lithologic Descriptions	
					L	0	CCHE	(0-1') CALICHE, beige, po	oorly graded, odor	
D	235	398	Ν	SS09	0.5	-				
D	173.6	26.6	N	SS09	1	1	SP-SC	(1-2') SAND, dark brown odor, poorly graded	, little silt, trace clay	
D	<173.6	18.6	N		2	2		(@2') some silt, little clav	V	
D	<173.6	9.6	N		3	3	CCHE	(3-5') CALICHE, beige, some sand, poorly graded, odor, little clay		
D	<173.6	<173.6 5.2 N SS09 4 4 4 (@4') no clay, no odor								
D	<173.6	2.7	N	SS09	5	5 Total dep	oth @ 5	feet bgs		

•

								Sample Name: BH01	Date: 6/26/2024			
				~				Site Name: Poker Lake CVX JV BS				
			N	2		_ U		Incident Number: nAPP2415233				
- Alexandra								Job Number: 03C1558376	-			
		LITHO	OGIO			i LOG		Logged By: TH/JB	Method: Backhoe			
Coord	inates: 32			-				Hole Diameter: 24"	Total Depth: 1'			
					ith HACH Ch	loride Test S	Strips and	PID for chloride and vapor, respe				
								on factors included.				
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	_				
					Ţ	0	CCHE	(0-0.5') CALICHE, beige, po	orly graded, odor			
D	<173.6	1.3	Ν	BH01	0.5	-	SP-SC	(0.5-1') SAND, dark brown,	little silt, slight odor,			
			N	DUO1	1	- ₁		poorly graded				
D	<173.6	1.7	Ν	BH01	1	L 1 Total dep	oth @ 1	(@1') no odor feet bgs				
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APPENDIX E

Laboratory Analytical Reports & Chain of Custody Documentation



June 17, 2024

TRACY HILLARD ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD, NM 88220

RE: PLU CVX JV BS 015H

Enclosed are the results of analyses for samples received by the laboratory on 06/11/24 13:15.

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

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. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	06/11/2024	Sampling Date:	06/10/2024
Reported:	06/17/2024	Sampling Type:	Soil
Project Name:	PLU CVX JV BS 015H	Sampling Condition:	Cool & Intact
Project Number:	03C1558376	Sample Received By:	Alyssa Parras
Project Location:	ХТО		

Sample ID: SS 01 0.5' (H243377-01)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2024	ND	2.04	102	2.00	2.32	
Toluene*	<0.050	0.050	06/13/2024	ND	1.99	99.4	2.00	0.424	
Ethylbenzene*	<0.050	0.050	06/13/2024	ND	1.97	98.6	2.00	0.667	
Total Xylenes*	<0.150	0.150	06/13/2024	ND	5.78	96.3	6.00	0.287	
Total BTEX	<0.300	0.300	06/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 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	5200	16.0	06/14/2024	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*	10.1	10.0	06/13/2024	ND	190	95.0	200	6.94	
DRO >C10-C28*	689	10.0	06/13/2024	ND	186	92.8	200	1.63	
EXT DRO >C28-C36	151	10.0	06/13/2024	ND					
Surrogate: 1-Chlorooctane	90.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.5	% 49.1-14	0						

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*=Accredited Analyte

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



XTO

Analytical Results For:

		ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HW CARLSBAD NM, 88220 Fax To:	Y	
Received:	06/11/2024		Sampling Date:	06/10/2024
Reported:	06/17/2024		Sampling Type:	Soil
Project Name:	PLU CVX JV BS 015H	l	Sampling Condition:	Cool & Intact
Project Number:	03C1558376		Sample Received By:	Alyssa Parras

Sample ID: SS 02 0.5' (H243377-02)

Project Location:

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	06/13/2024	ND	2.04	102	2.00	2.32	
Toluene*	<0.050	0.050	06/13/2024	ND	1.99	99.4	2.00	0.424	
Ethylbenzene*	<0.050	0.050	06/13/2024	ND	1.97	98.6	2.00	0.667	
Total Xylenes*	<0.150	0.150	06/13/2024	ND	5.78	96.3	6.00	0.287	
Total BTEX	<0.300	0.300	06/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 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	06/14/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/13/2024	ND	175	87.6	200	3.93	
DRO >C10-C28*	<10.0	10.0	06/13/2024	ND	184	91.9	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	06/13/2024	ND					
Surrogate: 1-Chlorooctane 80.9 % 48.2-13-		4							
Surrogate: 1-Chlorooctadecane	76.4	% 49.1-14	8						

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*=Accredited Analyte

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



03C1558376

XTO

Alyssa Parras

Sample Received By:

Analytical Results For:

		ENSOLUM		
		TRACY HILLARD		
		3122 NATIONAL PARKS HW	Y	
		CARLSBAD NM, 88220		
		Fax To:		
Received:	06/11/2024		Sampling Date:	06/10/2024
Reported:	06/17/2024		Sampling Type:	Soil
Project Name:	PLU CVX JV BS 015H		Sampling Condition:	Cool & Intact

Sample ID: SS 03 0.5' (H243377-03)

Project Number:

Project Location:

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2024	ND	2.04	102	2.00	2.32	
Toluene*	<0.050	0.050	06/13/2024	ND	1.99	99.4	2.00	0.424	
Ethylbenzene*	<0.050	0.050	06/13/2024	ND	1.97	98.6	2.00	0.667	
Total Xylenes*	<0.150	0.150	06/13/2024	ND	5.78	96.3	6.00	0.287	
Total BTEX	<0.300	0.300	06/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 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	1390	16.0	06/14/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/13/2024	ND	175	87.6	200	3.93	
DRO >C10-C28*	42.9	10.0	06/13/2024	ND	184	91.9	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	06/13/2024	ND					
Surrogate: 1-Chlorooctane	52.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	49.7	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



XTO

Analytical Results For:

		ENSOLUM		
		TRACY HILLARD		
		3122 NATIONAL PARKS HW	Y	
		CARLSBAD NM, 88220		
		Fax To:		
Received:	06/11/2024		Sampling Date:	06/10/2024
Reported:	06/17/2024		Sampling Type:	Soil
Project Name:	PLU CVX JV BS 015H	1	Sampling Condition:	Cool & Intact
Project Number:	03C1558376		Sample Received By:	Alyssa Parras

Sample ID: SS 04 0.5' (H243377-04)

Project Location:

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2024	ND	2.04	102	2.00	2.32	
Toluene*	<0.050	0.050	06/13/2024	ND	1.99	99.4	2.00	0.424	
Ethylbenzene*	<0.050	0.050	06/13/2024	ND	1.97	98.6	2.00	0.667	
Total Xylenes*	<0.150	0.150	06/13/2024	ND	5.78	96.3	6.00	0.287	
Total BTEX	<0.300	0.300	06/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 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	128	16.0	06/14/2024	ND	416	104	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/13/2024	ND	175	87.6	200	3.93	
DRO >C10-C28*	<10.0	10.0	06/13/2024	ND	184	91.9	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	06/13/2024	ND					
Surrogate: 1-Chlorooctane	56.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	52.9	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



03C1558376

XTO

Alyssa Parras

Sample Received By:

Analytical Results For:

		ENSOLUM	
		TRACY HILLARD	
		3122 NATIONAL PARKS HWY	
		CARLSBAD NM, 88220	
		Fax To:	
Received:	06/11/2024	Sampling Date:	06/10/2024
Reported:	06/17/2024	Sampling Type:	Soil
Project Name:	PLU CVX JV BS 015H	Sampling Condition:	Cool & Intact

Sample ID: SS 05 0.5' (H243377-05)

Project Number:

Project Location:

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	06/14/2024	ND	2.11	105	2.00	1.59	
Toluene*	<0.050	0.050	06/14/2024	ND	2.26	113	2.00	1.56	
Ethylbenzene*	<0.050	0.050	06/14/2024	ND	2.27	113	2.00	1.55	
Total Xylenes*	<0.150	0.150	06/14/2024	ND	6.98	116	6.00	1.81	
Total BTEX	<0.300	0.300	06/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 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	06/14/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/13/2024	ND	175	87.6	200	3.93	
DRO >C10-C28*	<10.0	10.0	06/13/2024	ND	184	91.9	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	06/13/2024	ND					
Surrogate: 1-Chlorooctane	72.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	67.3	% 49.1-14	8						

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*=Accredited Analyte

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



03C1558376

XTO

Alyssa Parras

Sample Received By:

Analytical Results For:

		ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:	(
:	06/11/2024 06/17/2024 PLU CVX JV BS 015	4	Sampling Date: Sampling Type: Sampling Condition:	06/10/2024 Soil Cool & Intact

Sample ID: SS 06 0.5' (H243377-06)

Received:

Reported:

Project Name:

Project Number:

Project Location:

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	06/14/2024	ND	2.11	105	2.00	1.59	
Toluene*	<0.050	0.050	06/14/2024	ND	2.26	113	2.00	1.56	
Ethylbenzene*	<0.050	0.050	06/14/2024	ND	2.27	113	2.00	1.55	
Total Xylenes*	<0.150	0.150	06/14/2024	ND	6.98	116	6.00	1.81	
Total BTEX	<0.300	0.300	06/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 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	160	16.0	06/14/2024	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	06/14/2024	ND	175	87.6	200	3.93	
DRO >C10-C28*	<10.0	10.0	06/14/2024	ND	184	91.9	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	06/14/2024	ND					
Surrogate: 1-Chlorooctane	86.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.2	% 49.1-14	8						

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*=Accredited Analyte

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



XTO

Analytical Results For:

		ENSOLUM		
		TRACY HILLARD		
		3122 NATIONAL PARKS HW	Y	
		CARLSBAD NM, 88220		
		Fax To:		
Received:	06/11/2024		Sampling Date:	06/10/2024
Reported:	06/17/2024		Sampling Type:	Soil
Project Name:	PLU CVX JV BS 015H	1	Sampling Condition:	Cool & Intact
Project Number:	03C1558376		Sample Received By:	Alyssa Parras

Sample ID: SS 07 0.5' (H243377-07)

Project Location:

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	06/14/2024	ND	2.11	105	2.00	1.59	
Toluene*	<0.050	0.050	06/14/2024	ND	2.26	113	2.00	1.56	
Ethylbenzene*	<0.050	0.050	06/14/2024	ND	2.27	113	2.00	1.55	
Total Xylenes*	<0.150	0.150	06/14/2024	ND	6.98	116	6.00	1.81	
Total BTEX	<0.300	0.300	06/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 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	06/14/2024	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	06/13/2024	ND	175	87.6	200	3.93	
DRO >C10-C28*	<10.0	10.0	06/13/2024	ND	184	91.9	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	06/13/2024	ND					
Surrogate: 1-Chlorooctane	69.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	66.4	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



03C1558376

XTO

Alyssa Parras

Sample Received By:

Analytical Results For:

	ENSOLUM			
	TRACY HILLARD			
	3122 NATIONAL PARKS HW	ſY		
	CARLSBAD NM, 88220			
	Fax To:			
06/11/2024		Sampling Date:	(06/10/2024
06/17/2024		Sampling Type:	:	Soil
PLU CVX JV BS 015H		Sampling Condition:	(Cool & Intact

Sample ID: SS 08 0.5' (H243377-08)

Received:

Reported:

Project Name:

Project Number:

Project Location:

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	06/14/2024	ND	2.11	105	2.00	1.59	
Toluene*	<0.050	0.050	06/14/2024	ND	2.26	113	2.00	1.56	
Ethylbenzene*	<0.050	0.050	06/14/2024	ND	2.27	113	2.00	1.55	
Total Xylenes*	<0.150	0.150	06/14/2024	ND	6.98	116	6.00	1.81	
Total BTEX	<0.300	0.300	06/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/14/2024	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	06/13/2024	ND	175	87.6	200	3.93	
DRO >C10-C28*	<10.0	10.0	06/13/2024	ND	184	91.9	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	06/13/2024	ND					
Surrogate: 1-Chlorooctane	70.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	67.1	% 49.1-14	8						

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

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager


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Analytical Results For:

	Т З С	NSOLUM RACY HILLARD 122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:	
Received:	06/11/2024	Sampling Date:	06/10/2024
Reported:	06/17/2024	Sampling Type:	Soil
Project Name:	PLU CVX JV BS 015H	Sampling Condition:	Cool & Intact
Project Number:	03C1558376	Sample Received By	: Alyssa Parras

Sample ID: SS 09 0.5' (H243377-09)

Project Location:

BTEX 8021B	mg/	kg	Analyze	d By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/14/2024	ND	2.11	105	2.00	1.59	
Toluene*	0.154	0.050	06/14/2024	ND	2.26	113	2.00	1.56	
Ethylbenzene*	0.467	0.050	06/14/2024	ND	2.27	113	2.00	1.55	
Total Xylenes*	3.54	0.150	06/14/2024	ND	6.98	116	6.00	1.81	GC-NC1
Total BTEX	4.16	0.300	06/14/2024	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	157 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	112	16.0	06/14/2024	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*	100	10.0	06/13/2024	ND	175	87.6	200	3.93	
DRO >C10-C28*	854	10.0	06/13/2024	ND	184	91.9	200	1.48	
EXT DRO >C28-C36	134	10.0	06/13/2024	ND					
Surrogate: 1-Chlorooctane	83.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.0	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



03C1558376

XTO

Sample Received By:

& Intact

Alyssa Parras

Analytical Results For:

	ENSOLUM TRACY HILLARD 3122 NATIONAL CARLSBAD NM, 8	PARKS HWY	
	Fax To:		
Received: 06/11/2024		Sampling Date:	06/10/2024
Reported: 06/17/2024		Sampling Type:	Soil
Project Name: PLU CVX JV	BS 015H	Sampling Condition:	Cool & Intact

Sample ID: SS 10 0.5' (H243377-10)

Project Number:

Project Location:

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	06/14/2024	ND	2.11	105	2.00	1.59	
Toluene*	<0.050	0.050	06/14/2024	ND	2.26	113	2.00	1.56	
Ethylbenzene*	<0.050	0.050	06/14/2024	ND	2.27	113	2.00	1.55	
Total Xylenes*	<0.150	0.150	06/14/2024	ND	6.98	116	6.00	1.81	
Total BTEX	<0.300	0.300	06/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 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	112	16.0	06/14/2024	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	06/13/2024	ND	175	87.6	200	3.93	
DRO >C10-C28*	<10.0	10.0	06/13/2024	ND	184	91.9	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	06/13/2024	ND					
Surrogate: 1-Chlorooctane	76.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

101 East Marland, Hobbs, NM 88240 aboratories

	0147-000 (010) VW 1 0707-000 (010)	WV (010) 223-1	2410				
Company Name	Company Name: Ensolum, LLC			BILL	10		ANALYSIS RECILEST
Project Manage	Project Manager: Tracy Hillard			P.O. #:		-	
Address: 3122	Address: 3122 National Parks Hwy			Company: XTO Energy Inc.	Energy Inc.		
City: Carlsbad		State: NM	Zip: 88220	Attn: Amy Ruth			
Phone #: 3372578307	578307	Fax #:		Address: 3104 E Green St	Green St		
Project #: 03C1558376	558376	Project Owner: XTO	er: XTO	City: Carlsbad			
Project Name: F	Project Name: PLU CVX JV BS 015H			State: NM Zin	Zin-88220		
Project Location:	R						
Complex No.				FILUIE #.		>	
Sampler Name: Joshua Boxley	Joshua Boxley			Fax #:		1	
FOR LAB USE ONLY			MATRIX		SAMPLING	5 12 51	
		Denth	ERS ATER	5		80	
Lab I.D. HZU33TJ	Sample I.D.	(feet)	(G)RAB OR (# CONTAINE GROUNDWA WASTEWATE SOIL	OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	DATE TIME	TPH BTEX Chlorid	
1	250	0.5	1 X	X		4	
2	5502			1	-		
W	5403				1025		
5	5504				1045		
5	4605				1058		
c	5406				1110		
1	407				1053		
00	6408				1118		
5	4504				1(30		
10	45 10	0.5	61 Y	X 6/0/24	kut 1135 X	XX	
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Relinquished By	2	Date:	Date: Received By:	In claim is based upon any of the above a	Verbal Result:	: □Yes □	No Add'l Phone #:
an m	here	Time: 135	200		All Results are thillard@en	emailed. Please solum.com, TMo	e v
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Delivered By: (Circle One) Sampler - UPS - Bus - Other:

Relinquished By:

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDIN

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July 03, 2024

TRACY HILLARD ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND, TX 79705

RE: PLU CVX JVBS 015H

Enclosed are the results of analyses for samples received by the laboratory on 06/27/24 12:30.

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

Cardinal Laboratories is 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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



ENSOLUM, LLC TRACY HILLARD 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received:	06/27/2024	Sampling Date:	06/26/2024
Reported:	07/03/2024	Sampling Type:	Soil
Project Name:	PLU CVX JVBS 015H	Sampling Condition:	Cool & Intact
Project Number:	03C1558376	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.309530-103.848710		

Sample ID: SS 09 1' (H243851-01)

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	07/02/2024	ND	1.93	96.5	2.00	1.88	
Toluene*	<0.050	0.050	07/02/2024	ND	2.16	108	2.00	6.53	
Ethylbenzene*	<0.050	0.050	07/02/2024	ND	2.32	116	2.00	8.58	
Total Xylenes*	<0.150	0.150	07/02/2024	ND	7.20	120	6.00	8.07	
Total BTEX	<0.300	0.300	07/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	07/02/2024	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	07/02/2024	ND	184	92.1	200	2.62	
DRO >C10-C28*	<10.0	10.0	07/02/2024	ND	174	87.0	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	07/02/2024	ND					
Surrogate: 1-Chlorooctane	115 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 :	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC TRACY HILLARD 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received:	06/27/2024	Sampling Date:	06/26/2024
Reported:	07/03/2024	Sampling Type:	Soil
Project Name:	PLU CVX JVBS 015H	Sampling Condition:	Cool & Intact
Project Number:	03C1558376	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.309530-103.848710		

Sample ID: SS 09 4' (H243851-02)

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	07/02/2024	ND	1.93	96.5	2.00	1.88	
Toluene*	<0.050	0.050	07/02/2024	ND	2.16	108	2.00	6.53	
Ethylbenzene*	<0.050	0.050	07/02/2024	ND	2.32	116	2.00	8.58	
Total Xylenes*	<0.150	0.150	07/02/2024	ND	7.20	120	6.00	8.07	
Total BTEX	<0.300	0.300	07/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	07/02/2024	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	07/02/2024	ND	184	92.1	200	2.62	
DRO >C10-C28*	<10.0	10.0	07/02/2024	ND	174	87.0	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	07/02/2024	ND					
Surrogate: 1-Chlorooctane	81.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.5	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC TRACY HILLARD 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received:	06/27/2024	Sampling Date:	06/26/2024
Reported:	07/03/2024	Sampling Type:	Soil
Project Name:	PLU CVX JVBS 015H	Sampling Condition:	Cool & Intact
Project Number:	03C1558376	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.309530-103.848710		

Sample ID: SS 09 5' (H243851-03)

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	07/02/2024	ND	2.12	106	2.00	9.13	
Toluene*	<0.050	0.050	07/02/2024	ND	2.30	115	2.00	11.2	
Ethylbenzene*	<0.050	0.050	07/02/2024	ND	2.43	121	2.00	11.5	
Total Xylenes*	<0.150	0.150	07/02/2024	ND	7.30	122	6.00	12.3	
Total BTEX	<0.300	0.300	07/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/02/2024	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	07/02/2024	ND	184	92.1	200	2.62	
DRO >C10-C28*	<10.0	10.0	07/02/2024	ND	174	87.0	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	07/02/2024	ND					
Surrogate: 1-Chlorooctane	97.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.5	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC
TRACY HILLARD
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	06/27/2024	Sampling Date:	06/26/2024
Reported:	07/03/2024	Sampling Type:	Soil
Project Name:	PLU CVX JVBS 015H	Sampling Condition:	Cool & Intact
Project Number:	03C1558376	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.309530-103.848710		

Sample ID: BH 01 0.5' (H243851-04)

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	07/02/2024	ND	2.12	106	2.00	9.13	
Toluene*	<0.050	0.050	07/02/2024	ND	2.30	115	2.00	11.2	
Ethylbenzene*	<0.050	0.050	07/02/2024	ND	2.43	121	2.00	11.5	
Total Xylenes*	<0.150	0.150	07/02/2024	ND	7.30	122	6.00	12.3	
Total BTEX	<0.300	0.300	07/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	07/02/2024	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	07/02/2024	ND	184	92.1	200	2.62	
DRO >C10-C28*	<10.0	10.0	07/02/2024	ND	174	87.0	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	07/02/2024	ND					
Surrogate: 1-Chlorooctane	104 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.3	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC
TRACY HILLARD
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	06/27/2024	Sampling Date:	06/26/2024
Reported:	07/03/2024	Sampling Type:	Soil
Project Name:	PLU CVX JVBS 015H	Sampling Condition:	Cool & Intact
Project Number:	03C1558376	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.309530-103.848710		

Sample ID: BH 01 1' (H243851-05)

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	07/02/2024	ND	2.12	106	2.00	9.13	
Toluene*	<0.050	0.050	07/02/2024	ND	2.30	115	2.00	11.2	
Ethylbenzene*	<0.050	0.050	07/02/2024	ND	2.43	121	2.00	11.5	
Total Xylenes*	<0.150	0.150	07/02/2024	ND	7.30	122	6.00	12.3	
Total BTEX	<0.300	0.300	07/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/02/2024	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	07/02/2024	ND	184	92.1	200	2.62	
DRO >C10-C28*	<10.0	10.0	07/02/2024	ND	174	87.0	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	07/02/2024	ND					
Surrogate: 1-Chlorooctane	102	48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.3	% 49.1-14	8						

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*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC TRACY HILLARD 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received:	06/27/2024	Sampling Date:	06/26/2024
Reported:	07/03/2024	Sampling Type:	Soil
Project Name:	PLU CVX JVBS 015H	Sampling Condition:	Cool & Intact
Project Number:	03C1558376	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.309530-103.848710		

Sample ID: SS 01 3' (H243851-06)

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	07/02/2024	ND	2.12	106	2.00	9.13	
Toluene*	<0.050	0.050	07/02/2024	ND	2.30	115	2.00	11.2	
Ethylbenzene*	<0.050	0.050	07/02/2024	ND	2.43	121	2.00	11.5	
Total Xylenes*	<0.150	0.150	07/02/2024	ND	7.30	122	6.00	12.3	
Total BTEX	<0.300	0.300	07/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/02/2024	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	07/02/2024	ND	184	92.1	200	2.62	
DRO >C10-C28*	<10.0	10.0	07/02/2024	ND	174	87.0	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	07/02/2024	ND					
Surrogate: 1-Chlorooctane	101 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.7	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

No	snm.co	740 rdinallab	C T	keene	es to celey.keen	ail change	Please em	Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com	ot accept v	† Cardinal cann	0/121	5 K 3.2 10/0	FURM-DU
Bacteria (only) Sample Condition Cool Infact Observed Temp. °C		Standard		1me:	Turnaround Time:	· 코도 건	(Initials)			13 Sc	her: Corrected	Bus - Other	Sampler - UPS -
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		Chloride 4500	BTEX 8021	TPH 8015	TIME	DATE	ACID/BASE: ICE / COOL COOL COOL	VASTEWATER SOIL OIL SLUDGE OTHER :	# CONTAINERS GROUNDWATER	(feet) (G)RAB OR (C)OMP	Sample I.D.	Sa Sa	Lab I.D.
	-	-	_		ING	SAMPLING	PRESERV.	MATRIX				-	FOR DB USE ONLY
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General Information Phone: (505) 629-6116

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

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QUESTIONS

Action 427899

QUESTIONS		
Operator:	OGRID:	
XTO ENERGY, INC	5380	
6401 Holiday Hill Road	Action Number:	
Midland, TX 79707	427899	
	Action Type:	
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)	

QUESTIONS

Prerequisites		
Incident ID (n#)	nAPP2415233132	
Incident Name	NAPP2415233132 POKER LAKE CVX JV BS 015H @ 0	
Incident Type	Release Other	
Incident Status	Reclamation Report Received	

Location of Release Source

Please answer all the questions in this group.	
Site Name POKER LAKE CVX JV BS 015H	
Date Release Discovered 05/15/2024	
Surface Owner	Federal

Incident Details

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

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.			
Crude Oil Released (bbls) Details	Cause: Corrosion Flow Line - Production Crude Oil Released: 2 BBL Recovered: 0 BBL Lost: 2 BBL.		
Produced Water Released (bbls) Details	Cause: Corrosion Flow Line - Production Produced Water Released: 6 BBL Recovered: 0 BBL Lost: 6 BBL.		
Is the concentration of chloride in the produced water >10,000 mg/l	Yes		
Condensate Released (bbls) Details	Not answered.		
Natural Gas Vented (Mcf) Details	Not answered.		
Natural Gas Flared (Mcf) Details	Not answered.		
Other Released Details	Not answered.		
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.		

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QUESTIONS, Page 2

Action 427899

QUESTIONS (continued)		
Operator:	OGRID:	
XTO ENERGY, INC	5380	
6401 Holiday Hill Road	Action Number:	
Midland, TX 79707	427899	
	Action Type:	
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)	

QUESTIONS

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

Initial Response		
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.		
The source of the release has been stopped	True	
The impacted area has been secured to protect human health and the environment	True	
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True	
All free liquids and recoverable materials have been removed and managed appropriately	True	
If all the actions described above have not been undertaken, explain why Not answered. Per Paragraph (4) of Subsection B of 19.15.29.8 MAAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
I hereby agree and sign off to the above statement	Name: Colton Brown Title: Environmental Advisor Email: colton.s.brown@exxonmobil.com Date: 08/08/2024	

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QUESTIONS, Page 3

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Action 427899

QUESTIONS (continued)

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	427899
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Site Characterization

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)	
What method was used to determine the depth to ground water	NM OSE iWaters Database Search	
Did this release impact groundwater or surface water	No	
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:		
A continuously flowing watercourse or any other significant watercourse	Between 500 and 1000 (ft.)	
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)	
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)	
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (mi.)	
Any other fresh water well or spring	Between 1 and 5 (mi.)	
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)	
A wetland	Between 300 and 500 (ft.)	
A subsurface mine	Greater than 5 (mi.)	
An (non-karst) unstable area	Greater than 5 (mi.)	
Categorize the risk of this well / site being in a karst geology	Low	
A 100-year floodplain	Between 1000 (ft.) and ½ (mi.)	
Did the release impact areas not on an exploration, development, production, or storage site	Yes	

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.			
Requesting a remediation	plan approval with this submission	Yes	
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.			
Have the lateral and vertical extents of contamination been fully delineated		Yes	
Was this release entirely contained within a lined containment area		No	
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)			
Chloride	(EPA 300.0 or SM4500 CI B)	480	
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	28.2	
GRO+DRO	(EPA SW-846 Method 8015M)	28.2	
BTEX	(EPA SW-846 Method 8021B or 8260B)	0	
Benzene	(EPA SW-846 Method 8021B or 8260B)	0	
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.			
On what estimated date wi	I the remediation commence	05/15/2024	
On what date will (or did) the final sampling or liner inspection occur		11/20/2024	
On what date will (or was) the remediation complete(d)		11/20/2024	
What is the estimated surface area (in square feet) that will be reclaimed		5340	
What is the estimated volume (in cubic yards) that will be reclaimed		200	
What is the estimated surfa	ce area (in square feet) that will be remediated	5340	
What is the estimated volume (in cubic yards) that will be remediated 20		200	
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.			

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

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QUESTIC	ONS (continue	ed)
Dperator:	OG	GRID:
XTO ENERGY, INC		5380
6401 Holiday Hill Road	Act	tion Number:
Midland, TX 79707		427899
		tion Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)
UESTIONS		
emediation Plan (continued)		
lease answer all the questions that apply or are indicated. This information must be provided to the	appropriate district	office no later than 90 days after the release discovery date.
his remediation will (or is expected to) utilize the following processes to remediate	/ reduce contami	inants:
(Select all answers below that apply.)		
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes	
Which OCD approved facility will be used for off-site disposal	HALFWAY DISPOSAL AND LANDFILL [fEEM0112334510]	
OR which OCD approved well (API) will be used for off-site disposal	Not answered.	
OR is the off-site disposal site, to be used, out-of-state	No	
OR is the off-site disposal site, to be used, an NMED facility	No	
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No	
(In Situ) Soil Vapor Extraction	No	
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No	
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No	
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No	
Ground Water Abatement pursuant to 19.15.30 NMAC	No	
OTHER (Non-listed remedial process)	No	
er Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, hich includes the anticipated timelines for beginning and completing the remediation.		
hereby cartify that the information given above is true and complete to the bast of revul	nowlodge and	derotond that nursuant to OCD rules and regulations all energies are required.
hereby certify that the information given above is true and complete to the best of my ke o report and/or file certain release notifications and perform corrective actions for relea- be OCD does not relieve the operator of liability should their operations have failed to a	ses which may er	ndanger public health or the environment. The acceptance of a C-141 report by

to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Kailee Smith Title: Regulatory Analyst Email: kailee.smith@exxonmobil.com Date: 02/04/2025
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The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

Action 427899

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

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QUESTIONS, Page 5

Action 427899

QUESTIONS (continued)		
Operator:	OGRID:	
XTO ENERGY, INC	5380	
6401 Holiday Hill Road	Action Number:	
Midland, TX 79707	427899	
	Action Type:	
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)	
OUESTIONS		

Deferral Requests	Only

ly answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.		
Requesting a deferral of the remediation closure due date with the approval of this submission	Νο	

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

QUESTIONS, Page 6

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Action 427899

QUESTIONS (continued)

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	427899
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	402908
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/22/2024
What was the (estimated) number of samples that were to be gathered	50
What was the sampling surface area in square feet	10000

Remediation Closure Request

Released to Imaging: 2/5/2025 4:29:59 PM

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.		
Requesting a remediation closure approval with this submission	Yes	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes	
What was the total surface area (in square feet) remediated	5340	
What was the total volume (cubic yards) remediated	200	
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes	
What was the total surface area (in square feet) reclaimed	5340	
What was the total volume (in cubic yards) reclaimed	200	
Summarize any additional remediation activities not included by answers (above)	Excavation activities were conducted at the Site in accordance with the Work Plan to address the May 2024 crude oil and produced water release. Laboratory analytical results for all final excavation soil samples collected from the final excavation extent indicated all COC concentrations were compliant with the Site Closure Criteria and reclamation requirements. Based on the soil sample laboratory analytical results, no further remediation is required. The excavation was backfilled with material purchased locally and the Site recontoured to match pre-existing Site conditions. Excavation of soil has removed impacted soil from the area. XTO believes these remedial actions are protective of human health, the environment, and groundwater. As such, XTO respectfully requests closure for Incident Number nAPP2415233132.	
comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC. I hereby certify that the information given above is true and complete to the best of my to report and/or file certain release notifications and perform corrective actions for relea the OCD does not relieve the operator of liability should their operations have failed to water, human health or the environment. In addition, OCD acceptance of a C-141 repoi local laws and/or regulations. The responsible party acknowledges they must substant	closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface rt does not relieve the operator of responsibility for compliance with any other federal, state, or the protection to the OCD rules are to the conditions that existed is a threat to COD with the restore. The surface area to the conditions that existed is a threat to COD with a two the restorement.	
prior to the release or their final land use in accordance with 19.15.29.13 NMAC includ I hereby agree and sign off to the above statement	Ing notification to the OCD when reclamation and re-vegetation are complete. Name: Kailee Smith Title: Regulatory Analyst Email: kailee.smith@exxonmobil.com	

Date: 02/04/2025

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Action 427899

QUESTIONS (continued)		
Operator:	OGRID:	
XTO ENERGY, INC	5380	
6401 Holiday Hill Road	Action Number:	
Midland, TX 79707	427899	
	Action Type:	
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)	

QUESTIONS

Reclamation Report			
Only answer the questions in this group if all reclamation steps have been completed.			
Requesting a reclamation approval with this submission	Yes		
What was the total reclamation surface area (in square feet) for this site	5340		
What was the total volume of replacement material (in cubic yards) for this site	200		
Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 60 ag/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable mater of source the stabilish vegetation at the site, whichever is greater.			
Is the soil top layer complete and is it suitable material to establish vegetation	Yes		
On what (estimated) date will (or was) the reseeding commence(d)	07/12/2025		
Summarize any additional reclamation activities not included by answers (above)	Following backfill activities, the disturbed area was contoured to match the surrounding topography and the surface was prepared for seeding. Upon confirmation that the excavation was backfilled with non-waste containing material, the disturbed pasture area will be seeded with a certified weed-free seed mix. The BLM Sandy Site Seed Mixture will be used to seed the Site. The seed mix will be applied via drill seeding or broadcast seeding. If broadcast seeding is selected, the PLS/acre will be doubled, and the seed will be raked in by chaining or dragging the Site. The Site will be monitored for vegetation growth to ensure that reclamation activities were successful.		
	reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form t field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete. I hereby agree and sign off to the above statement I hereby agree and sign off to the above statement			

Date: 02/04/2025

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS (continued)

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	427899
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report

Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied

Requesting a restoration complete approval with this submission

No Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete

QUESTIONS, Page 8

Action 427899

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

CONDITIONS

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Action 427899

 CONDITIONS

 Operator:
 XTO ENERGY, INC
 5380

 6401 Holiday Hill Road
 Action Number:
 427899

 Midland, TX 79707
 Action Type:
 [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By		Condition Date
scwells	Reclamation approved.	2/5/2025