

January 27, 2024

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

Re: Closure Request PLU CVX JV PC 11

Incident Number NAPP2401641673

Eddy County, New Mexico

To Whom it May Concern:

Ensolum, LLC (Ensolum) on behalf of XTO Energy, Inc. (XTO), has prepared this Closure Request to document site assessment, excavation, and soil sampling activities performed at the PLU CVX JV PC 11 (Site). The purpose of excavation and soil sampling activities, conducted in accordance with a *Remediation Work Plan* (*Work Plan*), was to address impacts to soil resulting from a release of crude oil at the Site. Based on the excavation activities and analytical results from the soil sampling events, XTO is submitting this Closure Request, describing remediation that has occurred and requesting closure for Incident Number NAPP2401641673.

RELEASE SUMMARY AND BACKGROUND

The Site is located in Unit F, Section 20, Township 24 South, Range 30 East, in Eddy County, New Mexico (32.205624, -103.904817) and is associated with oil and gas exploration and production operations on Federal Land under the stewardship of the Bureau of Land Management (BLM).

On January 8, 2024, corrosion in a flowline resulted in the release of 2 barrels (bbls) of produced water and 4 bbls of crude oil to the Right-of-Way (ROW) and surrounding pasture area. In addition, 320 thousand cubic feet (MCF) of natural gas were vented. A vacuum truck was dispatched to the Site and recovered 5 bbls of the released fluids. XTO reported the release to the NMOCD via notification of release (NOR) and submitted a Form C-141 Application (C-141) on January 16, 2024. The release was assigned Incident Number NAPP2401641673.

Between March and April 2024, hand auger delineation of the release occurred, however, hand auger refusal was encountered at approximately 1 foot bgs in all areas of the release. Since the release occurred in a ROW and surrounding undisturbed pasture BLM land, a BLM Sundry form was submitted to the BLM. BLM responded on May 31, 2024, with requesting archelogical and botany special status plant surveys be completed prior to subsurface disturbance. Following the completion of both surveys and positive survey results, BLM approved access to the area and Ensolum personnel returned to the Site in September 2024 to continue delineation of the release. The approved BLM Sundry form and BLM correspondence is included in Appendix A. The laboratory analytical results for delineation soil sample locations indicated impacted and waste-containing soil existed across an approximate 1,950 square foot area to approximately 3 feet deep. As such, in the *Work Plan*, XTO proposed excavation of the impacted and waste-containing soil, estimating removal of approximately 220 cubic yards of soil. In addition, XTO provided additional regional groundwater data because the nearest well was 0.59 miles from the Site and the most recent data was collected 26 years ago. A variance to accept the nearest well data in

XTO Energy, Inc Closure Request PLU CVX JV PC 11

conjunction with data from 5 other wells within a 1.25 mile radius and apply the least stringent standards below 4 feet bgs was requested. The *Work Plan* was submitted October 8, 2024 and noted that excavation would begin as soon as possible as the BLM had granted access to the area. The *Work Plan* was denied for the following reasons:

"The Remediation Closure Report [Work Plan] is Denied. Depth to groundwater is not adequately identified. When nearby wells are used to determine depth to groundwater, the wells should be no further than ½ mile away from the site, and data should be no more than 25 years old, and well construction information should be provided. If evidence of depth to ground water within a ½ mile radius of the site cannot be provided, impacted soils will need to meet Table 1 Closure Criteria for ground water at a depth of 50 feet or less. If you feel the depth to groundwater is >100', a shallow borehole can be drilled to 101' allowing for verification of the depth. If water is not visible after reaching bottom-hole and waiting 72 hours, the OCD will accept this as evidence. We would just need a copy of the driller's log. Shallow perched water zones are considered groundwater. These are not part of the major aquifer structure and exist all over southeastern New Mexico. Anything below 10,000 mg/L is protectable.

All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards from Table 1 of the OCD Spill Rule for site assessment/characterization/proven depth to water determination. Sidewall/Edge samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. All sidewall samples should be taken from the sidewall of the excavation. Please make sure that the edge of the release extent is accurately defined. All off-pad areas must meet reclamation/revegetation standards set forth in the OCD Spill Rule."

Since XTO had proposed to apply the reclamation requirement in the top 4 feet in the *Work Plan* anyways, XTO proceeded with excavation of impacted and waste-containing soils as proposed. A copy of the *Work Plan* and associated correspondence the the NMOCD is included in Appendix B.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized to assess the applicability of Table 1, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (19.15.29) of the New Mexico Administrative Code (NMAC). Based on the results of the Site Characterization and the ruling from the NMOCD in the denial of the *Work Plan*, the following NMOCD Table 1 Closure Criteria (Closure Criteria) apply:

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

EXCAVATION SOIL SAMPLING ACTIVITIES

On November 19 and 20, 2024, Ensolum personnel returned to the Site to oversee excavation activities. Impacted soil was excavated from the release area as indicated by visible staining and laboratory analytical results for the delineation soil samples. Excavation activities were performed using hydrovacuum truck, track-mounted backhoe and transport vehicle. The excavation occurred in a ROW and surrounding pasture area. To direct excavation activities, soil was screened for volatile organic



XTO Energy, Inc Closure Request PLU CVX JV PC 11

compounds (VOC) utilizing a calibrated photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips. The excavation was completed to depths ranging from 1-foot to 4 feet bgs. Photographic documentation of the excavation activities is included in Appendix C.

Following removal of the impacted soil, 5-point composite soil samples were collected at least every 200 square feet from the sidewalls and floor of the excavation. The 5-point composite samples were collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. Composite soil samples FS01 through FS19 were collected from the floor of the excavation from depths ranging from 1-foot to 4 feet bgs. Composite soil samples SW01 through SW07 were collected from the sidewalls of the excavation from depths ranging from the ground surface to 4 feet bgs.

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 constituents of concern (COC): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-gasoline ranger organics (GRO), TPH-diesel range organics (DRO), and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following Standard Method SM4500.

Laboratory analytical results for confirmation floor sample FS18, collected at 2.5 foot bgs indicated TPH concentrations exceeded the Closure Criteria. Ensolum personnel returned to the Site and removed additional soil in the area. A final confirmation soil sample, FS18A was collected at 4 feet bgs. The soil sample was collected, handled and analyzed as described above at Cardinal in Hobbs, NM. The excavation area measured approximately 3,770 square feet. A total of approximately 500 cubic yards of impacted soil was removed during the excavation activities. The impacted soil was transported and properly disposed of at the R360 Facility in Hobbs, New Mexico. The Soil Disposal Manifests are included in Appendix D. The excavation extent and excavation soil sample locations are presented on Figure 1.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for all final confirmation soil samples indicated all COC concentrations were compliant with the Closure Criteria. Laboratory analytical results are summarized in Table 1 and laboratory analytical reports are included as Appendix E.

CLOSURE REQUEST

Site assessment and excavation activities were conducted at the Site to address the January 8, 2024, release. Laboratory analytical results for the excavation soil samples, collected from the final excavation extent, indicated that all COC concentrations were compliant with the Site Closure Criteria. Based on the soil sample analytical results, no further remediation is required. XTO will backfill the excavation with material purchased locally and recontour the Site to match pre-existing site conditions. The disturbed pasture area will be re-seeded with an approved BLM seed mixture.

Excavation of impacted soil has mitigated impacts at this Site. Depth to groundwater has been estimated to be greater than 100 feet bgs, though not confirmed within 0.5 miles, and no other sensitive receptors were identified near the release extent. XTO believes these remedial actions are protective of human health, the environment, and groundwater. As such, XTO respectfully requests closure for Incident Number NAPP2401641673.



XTO Energy, Inc Closure Request PLU CVX JV PC 11

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

Daniel R. Moir, PG

Senior Managing Geologist

Sincerely, **Ensolum, LLC**

Mouissey

Tacoma Morrissey Associate Principal

Colton Brown, XTO CC:

Kaylan Dirkx, XTO

BLM

Appendices:

Figure 1 **Excavation Soil Sample Locations** Table 1 Soil Sample Analytical Results

Appendix A October 8, 2024 Remediation Work Plan and Correspondence

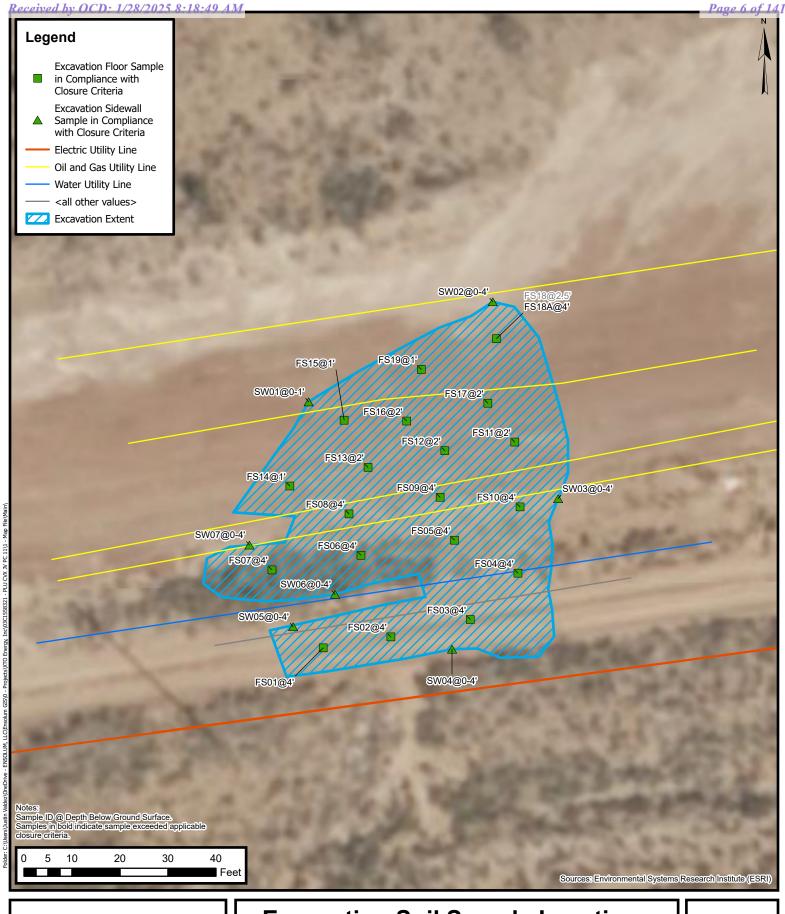
Appendix B BLM Sundry Form and Correspondence

Appendix C Photographic Log Appendix D Soil Disposal Manifests

Laboratory Analytical Reports & Chain-of-Custody Documentation Appendix E



FIGURES





Excavation Soil Sample Locations

XTO Energy, Inc PLU CVX JV PC 11 Incident Number: nAPP2401641673 Unit F, Sec 20, T24S, R30E Eddy County, NM FIGURE



TABLES



TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS PLU CVX JV PC 11 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					NE	NE				
NIMOCD Table I C	nosure Criteria ((NIMAC 19.15.29)	10	50			NE	NE	100	600
		<u> </u>			neation Soil Sa	. •	1	<u> </u>		
SS01	03/05/2024	0.5	<0.050	<0.300	<10.0	36.4	<10.0	36.4	36.4	32.0
SS02	03/05/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SS03	03/05/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SS04	03/05/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SS05	04/24/2024	0.5	<0.050	<0.300	<10.0	13.3	<10.0	13.3	13.3	64.0
SS06	04/24/2024	0.5	0.0078	0.549	<10.0	406	79.2	406	485	256
SS07	04/24/2024	0.5	<0.050	<0.300	<10.0	84.3	<10.0	84.3	84.3	1,140
SS08	04/24/2024	0.5	<0.050	0.988	<10.0	47.7	<10.0	47.7	47.7	224
SS09	09/26/2024	0.5	<0.050	<03.00	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
BH01-	04/24/2024	0.5	3.17	137	2,300	6,260	1,090	8,560	9,650	3,600
BH01A	04/24/2024	4	10.4	334	5,630	8 ,260	1,350	13,890	15,240	2,640
BH02	04/24/2024	0.5	9.69	412	5,090	9,820	1,600	14,910	16,510	160
BH02A	04/24/2024	4	7.73	298	4,310	6,920	1,050	11,230	12,280	80.0
BH03	04/24/2024	0.5	0.517	86.0	2,030	11,100	1,820	13,130	14,950	64.0
BH03A	04/24/2024	4	0.0066	13.8	258	2,120	382	2,378	2,760	64.0
BH03B	09/26/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
				Confi	irmation Soil S	amples				
FS01	11/19/2024	4	<0.050	< 0.300	<10.0	55.2	<10.0	55.2	55.2	16
FS02	11/19/2024	4	<0.050	<0.300	<10.0	37.9	<10.0	37.9	37.9	208
FS03	11/19/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
FS04	11/19/2024	4	<0.050	<0.300	<10.0	54.5	<10.0	54.5	54.5	48
FS05	11/19/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
FS06	11/19/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
FS07	11/19/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
FS08	11/19/2024	4	<0.050	<0.300	<10.0	36.5	<10.0	36.5	36.5	288
FS09	11/20/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
FS10	11/19/2024	4	<0.050	<0.300	<10.0	80.8	<10.0	80.8	80.8	96
FS11	11/20/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
FS12	11/20/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
FS13	11/20/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
FS14	11/19/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160

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Released to Imaging: 2/6/2025 9:43:22 AM

Received by OCD: 1/28/2025 8:18:49 AM



TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS PLU CVX JV PC 11 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	losure Criteria (NMAC 19.15.29)	10	50	NE	NE	NE	NE	100	600
FS15	11/20/2024	1	<0.050	<0.300	<10.0	10.6	<10.0	10.6	10.6	192
FS16	11/20/2024	2	<0.050	<0.300	<10.0	47.5	12.6	47.5	60.1	272
FS17	11/20/2024	4	<0.050	0.413	<10.0	84.5	<10.0	84.5	84.5	128
FS18	11/20/2024	2.5	<0.050	2.72	<10.0	817	160	817	977	272
FS18A	12/19/2024	4	< 0.050	< 0.300	<10.0	41.8	<10.0	41.8	41.8	144
FS19	11/20/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
SW01	11/20/2024	0-1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.1	<10.0	544
SW02	11/20/2024	0-4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.2	<10.0	112
SW03	11/20/2024	0-4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.3	<10.0	80
SW04	11/20/2024	0-4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.4	<10.0	32
SW05	11/20/2024	0-4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.5	<10.0	80
SW06	11/20/2024	0-4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.6	<10.0	64
SW07	11/20/2024	0-4	< 0.050	<0.300	<10.0	<10.0	<10.0	<10.7	<10.0	64

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

Grey text indicates soil sample removed during excavation activities

Ensolum



APPENDIX A

October 8, 2024 Remediation Work Plan

and correspondence



October 8, 2024

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

Re: Remediation Work Plan
PLU CVX JV PC 11
Incident Number NAPP2401641673
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 the assessment activities completed to date and propose remedial activities to address impacted soil identified at the PLU CVX JV PC 11 (Site). The purpose of the site assessment activities was to delineate the lateral and vertical extent of impacted soil resulting from a release of produced water, crude oil, and vented natural gas. The following *Work Plan* proposes to excavate impacted soil within the top 4 feet of the release extent.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit F, Section 20, Township 24 South, Range 30 East, in Eddy County, New Mexico (32.205624°, -103.904817°) and is associated with oil and gas exploration and production operations on Federal land managed by the Bureau of Land Management (BLM).

On January 8, 2024, corrosion in a flowline resulted in the release of 2 barrels (bbls) of produced water and 4 bbls of crude oil to the Right-of-Way (ROW) and surrounding pasture area. In addition, 320 thousand cubic feet (MCF) of natural gas were vented. A vacuum truck was dispatched to the Site and recovered 5 bbls of the released fluids. XTO reported the release to the NMOCD via notification of release (NOR) and submitted a Form C-141 Application (C-141) on January 16, 2024. The release was assigned Incident Number NAPP2401641673.

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. Potential Site receptors are identified on Figure 1.

Depth to groundwater at the Site is estimated to be greater than 100 feet below ground surface (bgs) based on the nearest groundwater well data. The closest permitted groundwater well with depth to groundwater data is United States Geological Survey (USGS) well USGS 321205103544701, located approximately 0.59 miles southwest of the Site. The groundwater well has a reported depth to groundwater of 231 feet bgs and a total depth of 452 feet bgs. The most recent depth to groundwater data was collected on January 27, 1998, which slightly exceeds the NMOCD-preference for a depth to water measurement to have been collected within the last 25 years, and the well distance from the Site

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XTO Energy, Inc. Remediation Work Plan PLU CVX JV PC 11

of 0.59 miles slightly exceeds the NMOCD-preference of utilizing a well within ½ mile of the Site. However, this water well has a historic record, which can be more useful than one data point measured upon installation. The well record for USGS 321205103544701 indicated that depth to groundwater did not fluctuate more than +/- 6.24 feet over a period of 40 years. The groundwater present in the well during those 40 years was deep (231 feet bgs), and the historical record of only minor fluctuation in groundwater elevation suggest it is highly unlikely that depth to water in this area would have risen to less than 100 feet in recent years. In addition, multiple NMOSE permitted wells within 1.25 miles of the Site indicate depth to groundwater exceeds 100 feet bgs. This includes New Mexico Office of the State Engineer (NMOSE) soil boring C-04676 located 0.71 miles northwest of the Site, drilled in November of 2022 and resulted in a dry hole; and NMOSE well C-3960 located 1.15 miles east of the Site, installed November of 2016 and includes a most recent depth to groundwater measurement of 250 feet bgs. All well records used to determine depth to groundwater are attached in Appendix A and the well locations are depicted on Figure 1.

The closest continuously flowing or significant watercourse to the Site is dry wash, located approximately 441 feet south of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is 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).

Based on the results of the Site Characterization and the depth to groundwater investigation mentioned above, 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
- 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 the 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.

SITE ASSESSMENT AND DELINEATION ACTIVITIES

On March 5, 2024 Ensolum personnel conducted a Site visit to evaluate the release extent based on information provided in the C-141 and visual observations. Ensolum personnel collected four lateral delineation soil samples (SS01 through SS04) around the release extent from a depth of 0.5 feet bgs to assess the lateral extent of impacted soil. The release extent and soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 2. The soil samples were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips. Photographic documentation was completed during the Site visits and a photographic log is included in Appendix B.



XTO Energy, Inc. Remediation Work Plan PLU CVX JV PC 11

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 constituents of concern (COC): 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.

Based on visual observations and field screening results, additional delineation within the release extent was warranted. As such, Ensolum personnel returned to the Site on April 24, 2024 and advanced boreholes BH01 through BH03 via hand auger within the release extent. The boreholes were advanced to a maximum depth of 1 foot bgs where auger refusal occurred. Discrete soil samples were collected from each pothole at depths ranging from 0.5 feet to 1-foot bgs. Soil from the boreholes were field screened for VOCs and chloride. Field screening results and observations were logged on lithologic/soil sampling logs, which are included in Appendix C. In addition to the borings, Ensolum personnel collected supplementary surface delineation soil samples (SS05 through SS08) from a depth of 0.5 feet bgs within and around the release extent. The soil samples were handled and analyzed as described above and submitted to Cardinal in Hobbs, New Mexico. The soil sample locations are depicted on Figure 2.

In order to complete additional delineation or excavation activities with heavy equipment, additional BLM access was required. XTO submitted a sundry form to request access to the BLM land and BLM approved access with conditions on May 31, 2024, requesting botany and archeological resource surveys to be completed prior to any delineation or excavation with heavy equipment. XTO contracted Beaver Creek Archeaology (BCA) to complete the botany and archological resource surveys. Those reports were completed and submitted to the BLM in August 2024.

Ensolum personnel returned to the Site on September 26, 2024 to oversee delineation via core drill and complete vertical delineation of the release with non-destructive means. The core drill was utilized to the southeast of borehole BH03 due to proximity of subsurface pipelines and was advanced to a maximum depth of 3 feet bgs. A discrete soil sample was collected from the borehole at 3 feet bgs. Soil from the borehole was field screened, and results and observations were logged on a lithologic/soil sampling log (Appendix C). Ensolum personnel collected an additional surface delineation soil sample (SS09) at 0.5 feet bgs to complete lateral delineation. All soil samples were handled and analyzed as described above and submitted to Cardinal in Hobbs, New Mexico.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for the delineation soil samples SS01 through SS05, SS08 and SS09 indicate all COC concentrations are compliant with the Closure Criteria and reclamation requirement. Laboratory analytical results for delineation soil samples SS06 and SS07 indicate TPH and/or chloride concentrations exceed the reclamation requirement. Laboratory analytical results for delineation soil samples collected from 0.5 feet and 1-foot bgs within the release extent (borehole samples) indicated that benzene, BTEX, TPH-GRO/TPH-DRO, and TPH exceeds the Closure Criteria. Chloride from samples in BH01 also exceeded the reclamation requirement. Laboratory analytical results for BH03B, collected at 3 feet bgs, indicated concentrations of all COCs were compliant with the Closure Criteria and reclamation requirement and successfully defined the vertical extent of the release. Laboratory analytical results are summarized in Table 1 and the complete laboratory analytical reports are included in Appendix D.



XTO Energy, Inc. Remediation Work Plan PLU CVX JV PC 11

PROPOSED REMEDIATION WORK PLAN

The laboratory analytical results indicate impacted and waste-containing soil exists across an approximate 1,950 square foot area and is less than 3 feet deep. As such, XTO proposes to complete the following remediation activities:

- Excavation of impacted and waste-containing soil to a depth of approximately 3 feet bgs. Excavation will proceed laterally until sidewall samples confirm all COC concentrations are compliant with the reclamation requirement in the top four feet.
- Collect 5-point composite confirmation soil samples every 200 square feet from the floor and sidewalls of the final excavation extent. The 5-point composite samples will be collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. All confirmation soil samples will be analyzed for the same COCs as described above.
- An estimated 220 cubic yards of impacted soil will be excavated. The excavated soil will be transferred to an approved landfill facility for disposal.
- The excavation will be backfilled and recontoured to match pre-existing conditions and re-seeded with the recommended BLM seed mixture.

BLM approved the sundry request for additional remediation activities at the Site on October 2, 2024. As such, XTO will begin the excavation and soil sampling activities within 30 days of the date this *Work Plan* is submitted to the NMOCD.

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

Sincerely, **Ensolum**, **LLC**

David A. McInnis Project Geologist

W/a. M1

Colton Brown, XTO Kaylan Dirkx, XTO

BLM

Ashley Ager, MS, PG Principal, Geologist

ashley L. ager

Appendices:

CC:

Figure 1 Site Receptor Map

Figure 2 Delineation Soil Sample Locations
Table 1 Soil Sample Analytical Results
Appendix A Referenced Well Records

Appendix B Photographic Log

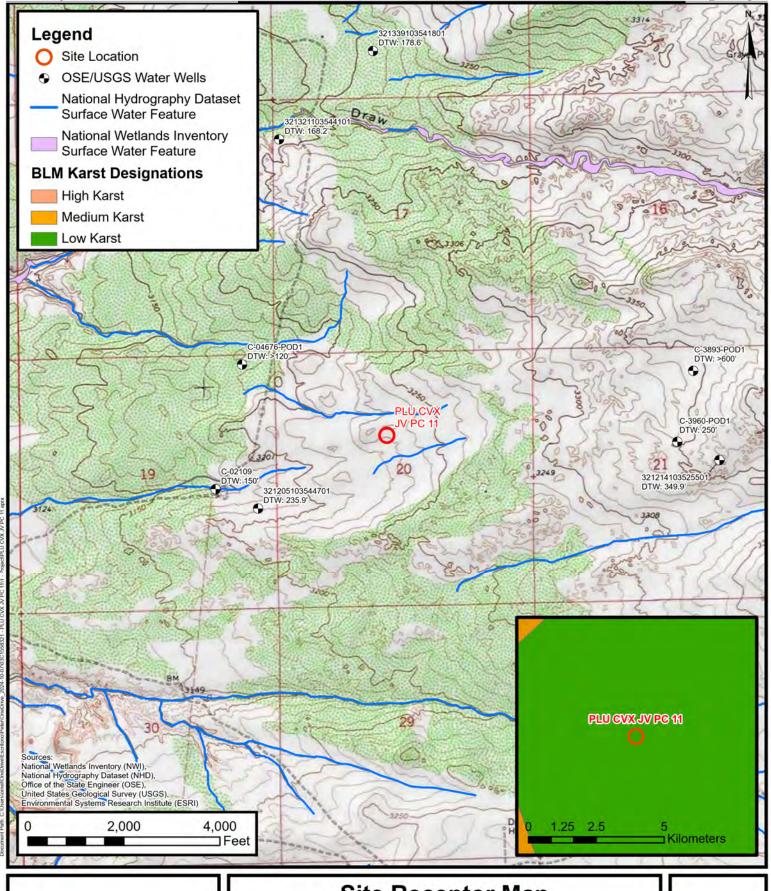
Appendix C Lithologic / Soil Sampling Logs

Appendix D Laboratory Analytical Reports & Chain-of-Custody Documentation





FIGURES





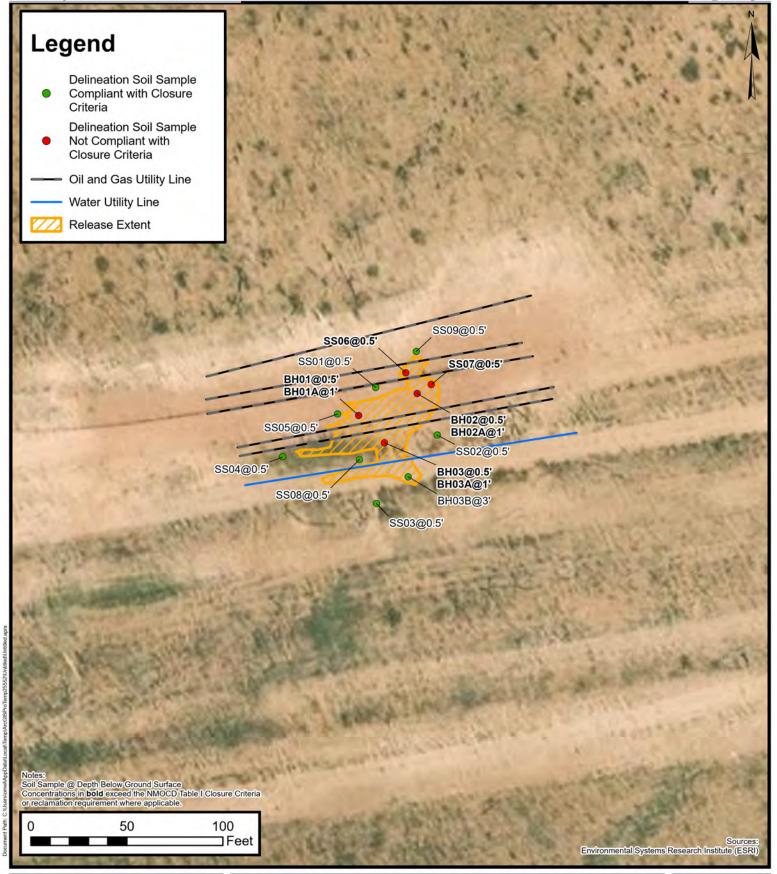
Site Receptor Map

XTO Energy, Inc PLU CVX JV PC 11

Incident Number: nAPP2401641673

Unit F, Sec 20, T 24S, R 30E Eddy County, New Mexico FIGURE

1





Delineation Soil Sample Locations

XTO Energy, Inc PLU CVX JV PC 11

Incident Number: nAPP2401641673

Unit F, Sec 20, T 24S, R 30E Eddy County, New Mexico FIGURE

2



TABLES



TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS PLU CVX JV PC 11 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
				Deli	neation Soil Sa	mples				
SS01	03/05/2024	0.5	<0.050	<0.300	<10.0	36.4	<10.0	36.4	36.4	32.0
SS02	03/05/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SS03	03/05/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SS04	03/05/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SS05	04/24/2024	0.5	<0.050	<0.300	<10.0	13.3	<10.0	13.3	13.3	64.0
SS06	04/24/2024	0.5	0.0078	0.549	<10.0	406	79.2	406	485	256
SS07	04/24/2024	0.5	<0.050	<0.300	<10.0	84.3	<10.0	84.3	84.3	1,140
SS08	04/24/2024	0.5	<0.050	0.988	<10.0	47.7	<10.0	47.7	47.7	224
SS09	09/26/2024	0.5	<0.050	<03.00	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
BH01	04/24/2024	0.5	3.17	137	2,300	6,260	1,090	8,560	9,650	3,600
BH01A	04/24/2024	1	10.4	334	5,630	8,260	1,350	13,890	15,240	2,640
BH02	04/24/2024	0.5	9.69	412	5,090	9,820	1,600	14,910	16,510	160
BH02A	04/24/2024	1	7.73	298	4,310	6,920	1,050	11,230	12,280	80.0
BH03	04/24/2024	0.5	0.517	86.0	2,030	11,100	1,820	13,130	14,950	64.0
BH03A	04/24/2024	1	0.0066	13.8	258	2,120	382	2,378	2,760	64.0
BH03B	09/26/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0

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

Ensolum 1 of 1



APPENDIX A

Referenced Well Records



USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category:		Geographic Area:		
Groundwater	~	United States	~	GO

Click to hideNews Bulletins

- Explore the NEW <u>USGS National Water Dashboard</u> interactive map to access real-time water data from over 13,500 stations nationwide.
- Full News

Groundwater levels for the Nation

Important: <u>Next Generation Monitoring Location Page</u>

Search Results -- 1 sites found

Agency code = usgs site_no list =

• 321205103544701

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 321205103544701 24S.30E.19.42113

Eddy County, New Mexico

Table of data Tab-separated data

1976-12-01

1976-12-01

1977-01-14

Latitude 32°12'05", Longitude 103°54'47" NAD27

Land-surface elevation 3,188 feet above NAVD88

The depth of the well is 452 feet below land surface.

This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer.

This well is completed in the Rustler Formation (312RSLR) local aquifer.

Output formats

<u>Reselect per</u>	<u>iod</u>									
Date	Time	? Water- level date- time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measure
1958-10-24		D	62610		2958.66	NGVD29	1	Z	7_	
1958-10-24		D	62611		2960.30	NAVD88	1	Z	7	
1958-10-24		D	72019	227.70			1	Z	7	
1959-03-19	1	D	62610		2958.61	NGVD29	1	Z	Z	
1959-03-19		D	62611		2960.25	NAVD88	1	Z	7	
1959-03-19	1	D	72019	227.75			1	Z	Z	
1975-12-10		D	62610		2954.58	NGVD29	1	Z	7	
1975-12-10	1	D	62611		2956.22	NAVD88	1	Z	7	
1975-12-10		D	72019	231.78			1	Z	7	
1976-01-16	i	D	62610		2949.10	NGVD29	1	Z	7_	
1976-01-16	i	D	62611		2950.74	NAVD88	1	Z	7	
1976-01-16	i	D	72019	237.26			1	Z	7_	
1976-12-01		D	62610		2955.63	NGVD29	1	Z	7_	

2957.27

2955.74

NAVD88

NGVD29

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Z

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62611

72019

62610

230.73

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Date	Time	? Water- level date- time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measure
1977-01-14		D	62611		2957.38	NAVD88	1	Z		
1977-01-14		D	72019	230.62	2937.36	NAVDOO	1	Z		
1983-02-01		D	62610	230.02	2950.43	NGVD29	1	Z		
1983-02-01		D	62611		2952.07	NAVD88	1	Z		
1983-02-01		D	72019	235.93			1	Z		
1987-10-15		D	62610		2953.06	NGVD29	1	S		
1987-10-15		D	62611		2954.70	NAVD88	1	S		
1987-10-15		D	72019	233.30			1	S		
1998-01-27		D	62610		2955.34	NGVD29	1	S		
1998-01-27		D	62611		2956.98	NAVD88	1	S		
1998-01-27		D	72019	231.02			1	S		

-				
Ex	nla	na	ŤΙ	OI

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	Α	Approved for publication Processing and review completed.

Questions or Comments Automated retrievals <u>Help</u> Data Tips **Explanation of terms** Subscribe for system changes **News**

Accessibility FOIA Privacy Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey Title: Groundwater for USA: Water Levels

URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2024-02-26 15:17:40 EST

0.28 0.25 nadww02





WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

QSE DIF DEC 21 2022 PM3:14

	OSE POD NO. (W	ELI NO	1)		WELL TAG ID NO	0		OSE FILE NO	(C)				
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7	COMPLETED W	ELL IS:	☐ ARTESIAN	DRY HOL	E SHALL	OW (UNCON	NFINED)		STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A				
TIO	DRILLING FLUI	D;	✓ AIR	☐ MUD	ADDITI	VES - SPEC	IFY:						
RMA	DRILLING METI	IOD:	▼ ROTARY	HAMMER	_ CABLE	TOOL	ОТНЕ	R - SPECIFY:					
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IR M						27.22							
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PAGE 1 OF 2



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

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LOCATION

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PAGE 2 OF 2

21.23

LOCATION 24.



APPENDIX B

Photographic Log



Photographic Log

XTO Energy, Inc PLU CVX JV PC 11 NAPP2401641673



Photograph: 1 Date: 1/9/2024

Description: Soil staining in release footprint

View: East



Photograph: 2 Date: 3/5/2024

Description: Soil staining in release footprint

View: Southwest



© 125° SE (T) ● 32.205511, -103.904723 ±8 m ▲ 967m

Photograph: 3 Date: 4/24/2024

Description: Soil staining in release foot print

View: Southeast

Photograph: 4 Date: 9/26/2024

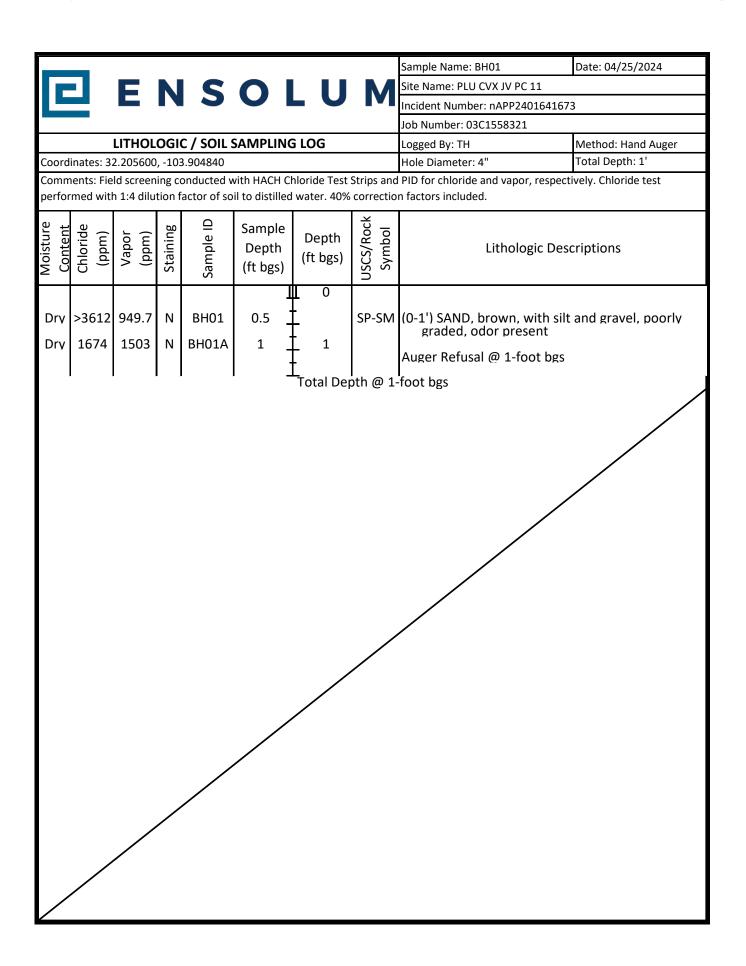
Description: Core drilling activities

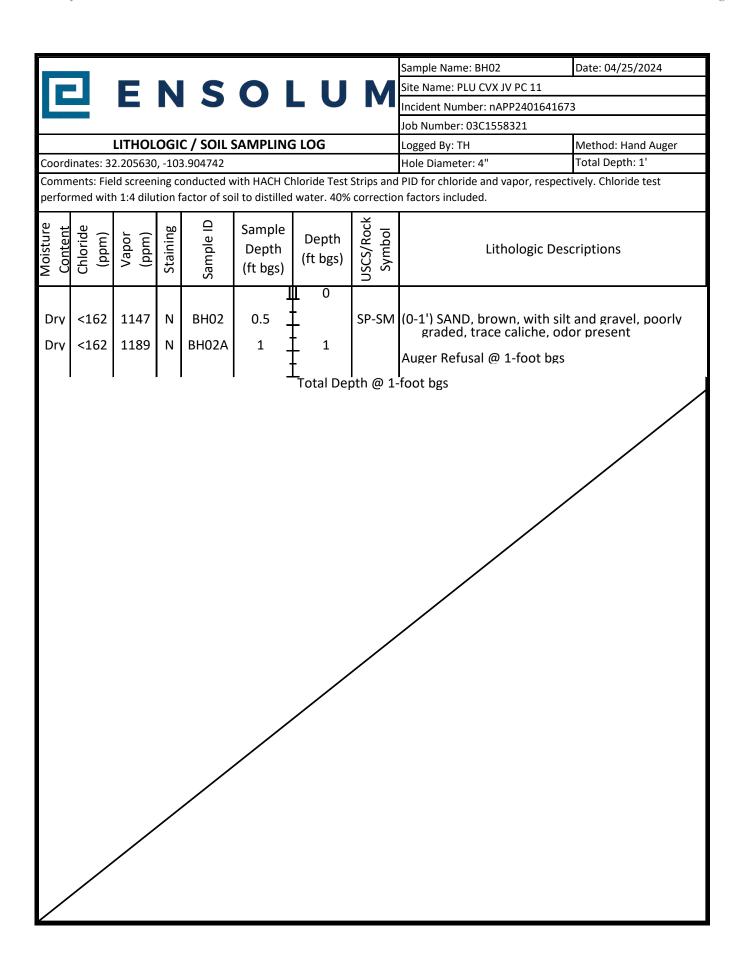
View: Northeast

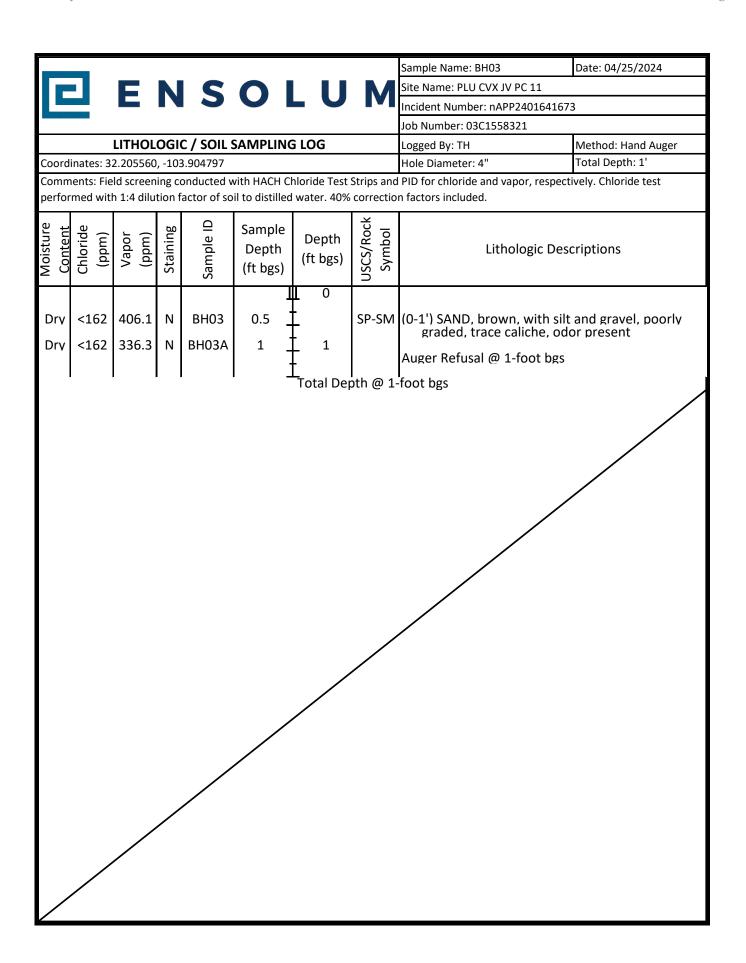


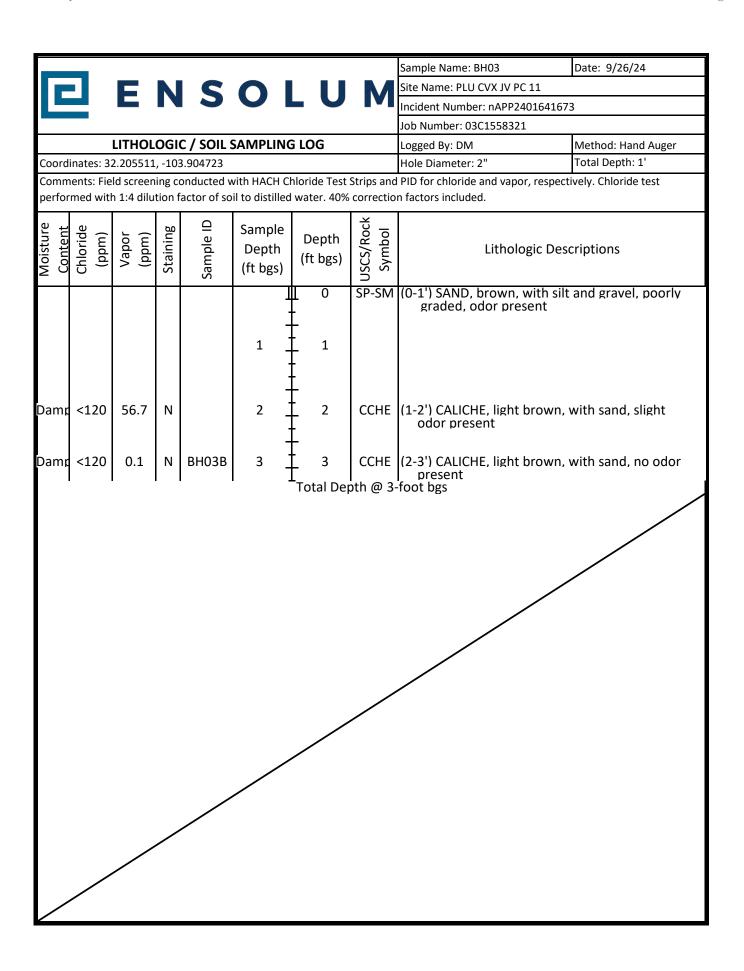
APPENDIX C

Lithologic DSoil Sampling Logs











APPENDIX D

Laboratory Analytical Reports & Chain of Custody Documentation



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

March 12, 2024

TRACY HILLARD
ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD, NM 88220

RE: PLU CVX JV PC 11

Enclosed are the results of analyses for samples received by the laboratory on 03/07/24 14:20.

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.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/07/2024 Sampling Date: 03/05/2024

Reported: 03/12/2024 Sampling Type: Soil

Project Name: PLU CVX JV PC 11 Sampling Condition: Cool & Intact
Project Number: 03C1558321 Sample Received By: Shalyn Rodriguez

Applyand By 14

Project Location: XTO - 32.205624-103.904817

Sample ID: SS 01 @ 0.5' (H241162-01)

DTEV 0021D

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/09/2024	ND	2.21	110	2.00	0.741	
Toluene*	<0.050	0.050	03/09/2024	ND	2.20	110	2.00	0.696	
Ethylbenzene*	<0.050	0.050	03/09/2024	ND	2.15	107	2.00	0.941	
Total Xylenes*	<0.150	0.150	03/09/2024	ND	6.46	108	6.00	0.459	
Total BTEX	<0.300	0.300	03/09/2024	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	32.0	16.0	03/11/2024	ND	432	108	400	3.64	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2024	ND	213	106	200	3.16	
DRO >C10-C28*	36.4	10.0	03/08/2024	ND	226	113	200	0.570	
EXT DRO >C28-C36	<10.0	10.0	03/08/2024	ND					
Surrogate: 1-Chlorooctane	94.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.5	% 49.1-14	8						

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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: 03/07/2024 Sampling Date: 03/05/2024

Reported: 03/12/2024 Sampling Type: Soil

Project Name: PLU CVX JV PC 11 Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558321 Shalyn Rodriguez

Project Location: XTO - 32.205624-103.904817

Sample ID: SS 02 @ 0.5' (H241162-02)

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	03/09/2024	ND	2.21	110	2.00	0.741	
Toluene*	<0.050	0.050	03/09/2024	ND	2.20	110	2.00	0.696	
Ethylbenzene*	<0.050	0.050	03/09/2024	ND	2.15	107	2.00	0.941	
Total Xylenes*	<0.150	0.150	03/09/2024	ND	6.46	108	6.00	0.459	
Total BTEX	<0.300	0.300	03/09/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/11/2024	ND	432	108	400	3.64	
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	03/08/2024	ND	213	106	200	3.16	
DRO >C10-C28*	<10.0	10.0	03/08/2024	ND	226	113	200	0.570	
EXT DRO >C28-C36	<10.0	10.0	03/08/2024	ND					
Surrogate: 1-Chlorooctane	94.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.0	% 49.1-14	8						

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Analytical Results For:

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

Received: 03/07/2024 Sampling Date: 03/05/2024

Reported: 03/12/2024 Sampling Type: Soil

Project Name: PLU CVX JV PC 11 Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: 03C1558321

Project Location: XTO - 32.205624-103.904817

Sample ID: SS 03 @ 0.5' (H241162-03)

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	03/09/2024	ND	2.21	110	2.00	0.741	
Toluene*	<0.050	0.050	03/09/2024	ND	2.20	110	2.00	0.696	
Ethylbenzene*	<0.050	0.050	03/09/2024	ND	2.15	107	2.00	0.941	
Total Xylenes*	<0.150	0.150	03/09/2024	ND	6.46	108	6.00	0.459	
Total BTEX	<0.300	0.300	03/09/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/11/2024	ND	432	108	400	3.64	
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	03/08/2024	ND	213	106	200	3.16	
DRO >C10-C28*	<10.0	10.0	03/08/2024	ND	226	113	200	0.570	
EXT DRO >C28-C36	<10.0	10.0	03/08/2024	ND					
Surrogate: 1-Chlorooctane	85.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.0	% 49.1-14	8						

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Analytical Results For:

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

Received: 03/07/2024 Sampling Date: 03/05/2024

Reported: 03/12/2024 Sampling Type: Soil

Project Name: PLU CVX JV PC 11 Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: 03C1558321

Project Location: XTO - 32.205624-103.904817

Sample ID: SS 04 @ 0.5' (H241162-04)

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	03/09/2024	ND	2.21	110	2.00	0.741	
Toluene*	<0.050	0.050	03/09/2024	ND	2.20	110	2.00	0.696	
Ethylbenzene*	<0.050	0.050	03/09/2024	ND	2.15	107	2.00	0.941	
Total Xylenes*	<0.150	0.150	03/09/2024	ND	6.46	108	6.00	0.459	
Total BTEX	<0.300	0.300	03/09/2024	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	16.0	16.0	03/11/2024	ND	432	108	400	3.64	
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	03/08/2024	ND	213	106	200	3.16	
DRO >C10-C28*	<10.0	10.0	03/08/2024	ND	226	113	200	0.570	
EXT DRO >C28-C36	<10.0	10.0	03/08/2024	ND					
Surrogate: 1-Chlorooctane	92.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.9	% 49.1-14	8						

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Celey D. Keene



Notes and Definitions

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

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

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Laboratorie

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

PLEASE NOTE: Liability and Damages. Cardinally a analyses. All daims including those for negligence a service. In no event shall cardinal be liable for incidence a sifficience successors arising out of or related to the Rellinquished By: Rellinquished By: (Circle One) Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Address: 312 National City: Carl Shace Phone #: 575-037 Project #: 03(155) Project Location: 32. 2 Sampler Name: Man FOR LAB USE ONLY Lab I.D. Sampler Sampler Name: Man Samp	er:
Cardinal's labality and dient's exclusive remedy for any claim a repligence and any other cause whatsoever shall be doesned who to fire incidental or consequential damages, including without its labited to the performance of services hereunder by Cardinal, republic to the performance of the control of time: Date:	CII 3. C HWI	acy Hillard
PALEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive reamby for any claim arising whether based in contract or but, shall be limited to the amount paid by the client for the shall be deemed waived unless made in witting and reached by Cardinal which no dispert the supplicable reached and comprehensed damages, including whether based in contract or but, shall be limited to the amount paid by the client for the shallowner shall be deemed waived unless made in witting and reached by Cardinal which no dispert about onspiction of the applicable and reached by Cardinal which no dispert about onspiction of the applicable and reached by Cardinal which no dispert about onspiction of the applicable and reached by Cardinal which no dispert and onspiction of the applicable and reached by Cardinal which no dispert and completion of the applicable and reached by Cardinal which no dispert and completion of the applicable and reached by Cardinal which no dispert and completion of the applicable and reached by Cardinal which no dispert and completion of the applicable and reached by Cardinal which no dispert and completion of the applicable and reached by Cardinal which no dispert and completion of the applicable and reached by Cardinal which no dispert and completion of the applicable and reached by Cardinal which no dispert and completion of the applicable and reached by Cardinal which no dispert and completion of the applicable and reached by Cardinal which no dispert and completion of the applicable and reached by Cardinal which no dispert and completion of the applicable and reached by Cardinal which no dispert and completion of the applicable and reached by Cardinal which no dispert and completion of the applicable and reached by Cardinal which no dispert and reached by Cardinal which no dispe	# CONTAINERS GROUNDWATER WASTEWATER WASTEWATER WASTEWATER WASTEWATER WASTEWATER WASTEWATER WASTEWATER Fax #: Phone #: ACID/BASE: PRESERV OTHER: OTHER:	
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ensolum. com		REQUEST



May 02, 2024

DAVID MCINNIS

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: PLU CVS JV PC 11

Enclosed are the results of analyses for samples received by the laboratory on 04/26/24 13:30.

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.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ENSOLUM, LLC DAVID MCINNIS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

 Received:
 04/26/2024
 Sampling Date:
 04/24/2024

 Reported:
 05/02/2024
 Sampling Type:
 Soil

Project Name: PLU CVS JV PC 11 Sampling Condition: Cool & Intact
Project Number: 03C1558321 Sample Received By: Shalyn Rodriguez

Project Location: XTO 32.205624,-103.904817

Sample ID: BH 01 0.5 (H242246-01)

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	3.17	2.00	04/30/2024	ND	2.05	103	2.00	0.0123	GC-NC1
Toluene*	26.4	2.00	04/30/2024	ND	2.10	105	2.00	1.56	
Ethylbenzene*	17.9	2.00	04/30/2024	ND	2.12	106	2.00	1.12	
Total Xylenes*	89.3	6.00	04/30/2024	ND	6.20	103	6.00	1.20	
Total BTEX	137	12.0	04/30/2024	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	108	% 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	3600	16.0	04/30/2024	ND	448	112	400	0.00	QM-07
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	2300	10.0	04/30/2024	ND	208	104	200	1.58	
DRO >C10-C28*	6260	10.0	04/30/2024	ND	189	94.6	200	6.21	
EXT DRO >C28-C36	1090	10.0	04/30/2024	ND					
Surrogate: 1-Chlorooctane	170	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

ENSOLUM, LLC DAVID MCINNIS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 04/26/2024 Sampling Date: 04/24/2024 Reported: 05/02/2024 Sampling Type: Soil

Project Name: PLU CVS JV PC 11 Sampling Condition: Cool & Intact

Sample Received By: Project Number: 03C1558321 Shalyn Rodriguez Project Location: XTO 32.205624,-103.904817

Sample ID: BH 01 A 1 (H242246-02)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	10.4	2.00	04/30/2024	ND	2.05	103	2.00	0.0123	GC-NC1
Toluene*	96.2	2.00	04/30/2024	ND	2.10	105	2.00	1.56	
Ethylbenzene*	45.0	2.00	04/30/2024	ND	2.12	106	2.00	1.12	
Total Xylenes*	183	6.00	04/30/2024	ND	6.20	103	6.00	1.20	
Total BTEX	334	12.0	04/30/2024	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	110	% 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	2640	16.0	04/30/2024	ND	448	112	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	5630	10.0	04/30/2024	ND	208	104	200	1.58	
DRO >C10-C28*	8260	10.0	04/30/2024	ND	189	94.6	200	6.21	
EXT DRO >C28-C36	1350	10.0	04/30/2024	ND					
Surrogate: 1-Chlorooctane	221	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

ENSOLUM, LLC DAVID MCINNIS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 04/26/2024 Sampling Date: 04/24/2024

Reported: 05/02/2024 Sampling Type: Soil

Project Name: PLU CVS JV PC 11 Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558321 Shalyn Rodriguez

Project Location: XTO 32.205624,-103.904817

Sample ID: BH 02 0.5 (H242246-03)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	9.69	2.00	04/30/2024	ND	2.05	103	2.00	0.0123	GC-NC1
Toluene*	102	2.00	04/30/2024	ND	2.10	105	2.00	1.56	
Ethylbenzene*	57.1	2.00	04/30/2024	ND	2.12	106	2.00	1.12	
Total Xylenes*	243	6.00	04/30/2024	ND	6.20	103	6.00	1.20	
Total BTEX	412	12.0	04/30/2024	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	117	% 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	160	16.0	04/30/2024	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	5090	10.0	04/30/2024	ND	208	104	200	1.58	
DRO >C10-C28*	9820	10.0	04/30/2024	ND	189	94.6	200	6.21	
EXT DRO >C28-C36	1600	10.0	04/30/2024	ND					
Surrogate: 1-Chlorooctane	165	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	154	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

ENSOLUM, LLC DAVID MCINNIS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 04/26/2024 Sampling Date: 04/24/2024

Reported: 05/02/2024 Sampling Type: Soil

Project Name: PLU CVS JV PC 11 Sampling Condition: Cool & Intact
Project Number: 03C1558321 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: XTO 32.205624,-103.904817

Sample ID: BH 02 A 1 (H242246-04)

RTFY 8021R

B1EX 8021B	mg	/кд	Analyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	7.73	2.00	04/30/2024	ND	2.05	103	2.00	0.0123	GC-NC1
Toluene*	71.1	2.00	04/30/2024	ND	2.10	105	2.00	1.56	
Ethylbenzene*	40.2	2.00	04/30/2024	ND	2.12	106	2.00	1.12	
Total Xylenes*	179	6.00	04/30/2024	ND	6.20	103	6.00	1.20	
Total BTEX	298	12.0	04/30/2024	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/30/2024	ND	448	112	400	0.00	
TPH 8015M	mg	/kg	Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	4310	10.0	04/30/2024	ND	225	113	200	2.25	QM-07
DRO >C10-C28*	6920	10.0	04/30/2024	ND	227	114	200	2.83	QM-07
EXT DRO >C28-C36	1050	10.0	04/30/2024	ND					
Surrogate: 1-Chlorooctane	160	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	149	% 49.1-14	8						

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Celey D. Kreene



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

Analytical Results For:

ENSOLUM, LLC DAVID MCINNIS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 04/26/2024 Sampling Date: 04/24/2024

Reported: 05/02/2024 Sampling Type: Soil

Project Name: PLU CVS JV PC 11 Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558321 Shalyn Rodriguez

Project Location: XTO 32.205624,-103.904817

Sample ID: BH 03 0.5 (H242246-05)

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*	0.517	0.200	05/01/2024	ND	2.05	103	2.00	0.0123	GC-NC1
Toluene*	7.99	0.200	05/01/2024	ND	2.10	105	2.00	1.56	
Ethylbenzene*	9.50	0.200	05/01/2024	ND	2.12	106	2.00	1.12	
Total Xylenes*	68.0	0.600	05/01/2024	ND	6.20	103	6.00	1.20	
Total BTEX	86.0	1.20	05/01/2024	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	211 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/30/2024	ND	448	112	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	2030	50.0	04/30/2024	ND	225	113	200	2.25	
DRO >C10-C28*	11100	50.0	04/30/2024	ND	227	114	200	2.83	
EXT DRO >C28-C36	1820	50.0	04/30/2024	ND					
Surrogate: 1-Chlorooctane	173 :	% 48.2-13	4						
Surrogata: 1 Chlorocetadaeana	201	0/	10						

201 % Surrogate: 1-Chlorooctadecane 49.1-148

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Celey D. Keine



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

Analytical Results For:

ENSOLUM, LLC DAVID MCINNIS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 04/26/2024 Sampling Date: 04/24/2024

Reported: 05/02/2024 Sampling Type: Soil

Project Name: PLU CVS JV PC 11 Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558321 Shalyn Rodriguez

Project Location: XTO 32.205624,-103.904817

Sample ID: BH 03 A 1 (H242246-06)

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*	0.066	0.050	04/30/2024	ND	2.05	103	2.00	0.0123	GC-NC1
Toluene*	0.849	0.050	04/30/2024	ND	2.10	105	2.00	1.56	
Ethylbenzene*	4.11	0.050	04/30/2024	ND	2.12	106	2.00	1.12	
Total Xylenes*	8.76	0.150	04/30/2024	ND	6.20	103	6.00	1.20	
Total BTEX	13.8	0.300	04/30/2024	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	176	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/30/2024	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*	258	10.0	04/30/2024	ND	225	113	200	2.25	
DRO >C10-C28*	2120	10.0	04/30/2024	ND	227	114	200	2.83	
EXT DRO >C28-C36	382	10.0	04/30/2024	ND					
Surrogate: 1-Chlorooctane	116	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

ENSOLUM, LLC DAVID MCINNIS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 04/26/2024 Sampling Date: 04/24/2024

Reported: 05/02/2024 Sampling Type: Soil

Project Name: PLU CVS JV PC 11 Sampling Condition: Cool & Intact Project Number: 03C1558321 Sample Received By: Shalyn Rodriguez

Project Location: XTO 32.205624,-103.904817

Sample ID: SS 06 0.5 (H242246-07)

BTEX 8021B	mg/kg		Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.078	0.050	04/30/2024	ND	2.05	103	2.00	0.0123	GC-NC1
Toluene*	0.261	0.050	04/30/2024	ND	2.10	105	2.00	1.56	
Ethylbenzene*	0.050	0.050	04/30/2024	ND	2.12	106	2.00	1.12	
Total Xylenes*	0.160	0.150	04/30/2024	ND	6.20	103	6.00	1.20	
Total BTEX	0.549	0.300	04/30/2024	ND					GC-NC1
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	256	16.0	04/30/2024	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	04/30/2024	ND	225	113	200	2.25	
DRO >C10-C28*	406	10.0	04/30/2024	ND	227	114	200	2.83	
EXT DRO >C28-C36	79.2	10.0	04/30/2024	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	8						

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Analytical Results For:

ENSOLUM, LLC DAVID MCINNIS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 04/26/2024 Sampling Date: 04/24/2024

Reported: 05/02/2024 Sampling Type: Soil

Project Name: PLU CVS JV PC 11 Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558321 Shalyn Rodriguez

Project Location: XTO 32.205624,-103.904817

Sample ID: SS 07 0.5 (H242246-08)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/30/2024	ND	2.05	103	2.00	0.0123	
Toluene*	<0.050	0.050	04/30/2024	ND	2.10	105	2.00	1.56	
Ethylbenzene*	< 0.050	0.050	04/30/2024	ND	2.12	106	2.00	1.12	
Total Xylenes*	<0.150	0.150	04/30/2024	ND	6.20	103	6.00	1.20	
Total BTEX	<0.300	0.300	04/30/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1140	16.0	04/30/2024	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	04/30/2024	ND	225	113	200	2.25	
DRO >C10-C28*	84.3	10.0	04/30/2024	ND	227	114	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	04/30/2024	ND					
Surrogate: 1-Chlorooctane	97.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.2	% 49.1-14	8						

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Analytical Results For:

ENSOLUM, LLC DAVID MCINNIS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 04/26/2024 Sampling Date: 04/24/2024

Reported: 05/02/2024 Sampling Type: Soil

Project Name: PLU CVS JV PC 11 Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558321 Shalyn Rodriguez

Project Location: XTO 32.205624,-103.904817

Sample ID: SS 08 0.5 (H242246-09)

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	04/30/2024	ND	2.05	103	2.00	0.0123	
Toluene*	0.353	0.050	04/30/2024	ND	2.10	105	2.00	1.56	
Ethylbenzene*	0.124	0.050	04/30/2024	ND	2.12	106	2.00	1.12	
Total Xylenes*	0.512	0.150	04/30/2024	ND	6.20	103	6.00	1.20	
Total BTEX	0.988	0.300	04/30/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 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	224	16.0	04/30/2024	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	04/30/2024	ND	225	113	200	2.25	
DRO >C10-C28*	47.7	10.0	04/30/2024	ND	227	114	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	04/30/2024	ND					
Surrogate: 1-Chlorooctane	94.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.0	% 49.1-14	8						

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Analytical Results For:

ENSOLUM, LLC DAVID MCINNIS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 04/26/2024 Sampling Date: 04/24/2024

Reported: 05/02/2024 Sampling Type: Soil

Project Name: PLU CVS JV PC 11 Sampling Condition: Cool & Intact
Project Number: 03C1558321 Sample Received By: Shalyn Rodriguez

Project Location: XTO 32.205624,-103.904817

Sample ID: SS 05 0.5 (H242246-10)

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	04/30/2024	ND	2.05	103	2.00	0.0123	
Toluene*	0.050	0.050	04/30/2024	ND	2.10	105	2.00	1.56	
Ethylbenzene*	<0.050	0.050	04/30/2024	ND	2.12	106	2.00	1.12	
Total Xylenes*	0.175	0.150	04/30/2024	ND	6.20	103	6.00	1.20	
Total BTEX	<0.300	0.300	04/30/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/30/2024	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	04/30/2024	ND	225	113	200	2.25	
DRO >C10-C28*	13.3	10.0	04/30/2024	ND	227	114	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	04/30/2024	ND					
Surrogate: 1-Chlorooctane	78.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.0	% 49.1-14	8						

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Celey D. Keene



Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Freene

Relinquished By:

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

Observed Temp.

CHECKED thitials

Thermometer ID #113

Cool Intact

Bacteria (only) Sample Condition

Observed Temp. °C Corrected Temp, °C

Date: 4/24/24 Time: 0700

Received By:

nAPP2401641673

Cost Center: 1139821001

Time:

1330

Relinquished By:

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name:	Ensolum, LLC				811	BILL TO				ANALYSIS	REQUEST	
Project Manager: Davic		nnis			P.O. #:			-				
Address: 601	d C	400			Company: XTO Energy	ToEner	Š	_				
City: Midland		State: TX	Zip:	79701	Attn: Annu Ruth	Ruth	-	_				
Phone #: 409- 454-3009	454-3009	Fax #:			Address: 3104 E. Greene	4 E. Gree	8					
Project #: 03C1558321	1558321	Project Owner: X TO	XT		city: Carlsbad	shad		_				
Project Name: PLU CUS	old cus JV pc	PC 11			State: NM Zip: 88220	Zip: 8822	0	_				
Project Location	Project Location: 32, 205624, -103, 904817	-103,90481-	7		Phone #: 432.661-057	20-12-05	11	_		_		
Sampler Name:	Tracy Hillard				Fax#:			_				
FOR LAB USE ONLY	١.		\dashv	MATRIX	PRESERV.	SAMPLING	ดิ					
Lab I.D.	Sample I.D.	Sample Depth (feet)	RAB OR (C)OMP.	OUNDWATER STEWATER IL JDGE	HER:			TEX	TPH Chloride			
1	BHOI	0,5	0	×	×	0000 hz: 12.4	900	A	X			
e	BHOIA		=	-	1	1 00	0160					
W	BHOA	0,5				00	30					
4	PHOAL	-	_			1 09	0460					
S	BH03	5.0	_			10	2001					
6	BH03A	1	_			10	1015					
7	SSOL	8.0	-			_	0					
\$	5507	8.0	_			=	5					
9	8088	5,0	_			1	0211					
10	SSDS	8.0					00		_			

Tmorrissey Denselva Com



October 04, 2024

DAVID MCINNIS

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: PLU CVX JV PC 11

Enclosed are the results of analyses for samples received by the laboratory on 09/26/24 16:11.

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 accredited certif.html.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2 Regulated VOCs and Total Trihalomethanes (TTHM)

Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Celey D. Keene

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

Reported:

04-Oct-24 09:16



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

Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: PLU CVX JV PC 11 Project Number: 03C1558321

Project Manager: DAVID MCINNIS

Fax To:

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH 03 B 3'	H245871-01	Soil	26-Sep-24 13:24	26-Sep-24 16:11
SS 09 0.5'	H245871-02	Soil	26-Sep-24 13:26	26-Sep-24 16:11

10/04/24 - Client changed the sample ID on -01 (see COC). This is the revised report and will replace the one sent on 09/27/24.

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Celeg D. Keene



Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: PLU CVX JV PC 11
Project Number: 03C1558321

Project Manager: DAVID MCINNIS

Fax To:

Reported: 04-Oct-24 09:16

BH 03 B 3' H245871-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	4092735	AC	27-Sep-24	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4092634	JH	26-Sep-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4092634	JH	26-Sep-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4092634	JН	26-Sep-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4092634	JH	26-Sep-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4092634	JH	26-Sep-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			105 %	71.5	-134	4092634	JH	26-Sep-24	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4092640	MS	27-Sep-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4092640	MS	27-Sep-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4092640	MS	27-Sep-24	8015B	
Surrogate: 1-Chlorooctane			85.1 %	48.2	-134	4092640	MS	27-Sep-24	8015B	
Surrogate: 1-Chlorooctadecane			78.2 %	49.1	-148	4092640	MS	27-Sep-24	8015B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: PLU CVX JV PC 11
Project Number: 03C1558321
Project Manager: DAVID MCINNIS

Reported: 04-Oct-24 09:16

Fax To:

SS 09 0.5' H245871-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	80.0		16.0	mg/kg	4	4092735	AC	27-Sep-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4092634	JH	26-Sep-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4092634	JH	26-Sep-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4092634	JH	26-Sep-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4092634	JH	26-Sep-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4092634	JH	26-Sep-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		106 %	71.5	-134	4092634	ЈН	26-Sep-24	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4092640	MS	27-Sep-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4092640	MS	27-Sep-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4092640	MS	27-Sep-24	8015B	
Surrogate: 1-Chlorooctane			75.8 %	48.2	-134	4092640	MS	27-Sep-24	8015B	
Surrogate: 1-Chlorooctadecane			70.6 %	49.1-	-148	4092640	MS	27-Sep-24	8015B	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: PLU CVX JV PC 11 Project Number: 03C1558321

Project Manager: DAVID MCINNIS

Fax To:

Reported: 04-Oct-24 09:16

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4092735 - 1:4 DI Water										
Blank (4092735-BLK1)				Prepared &	Analyzed:	27-Sep-24				
Chloride	ND	16.0	mg/kg							
LCS (4092735-BS1)				Prepared &	Analyzed:	27-Sep-24				
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (4092735-BSD1)				Prepared &	Analyzed:	27-Sep-24				
Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	

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%REC

Limits

RPD

Analytical Results For:

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

Analyte

Ethylbenzene

Total Xylenes

Surrogate: 4-Bromofluorobenzene (PID)

m,p-Xylene

o-Xylene

Project: PLU CVX JV PC 11
Project Number: 03C1558321
Project Manager: DAVID MCINNIS

Spike

Level

Source

Result

%REC

102

108

100

105

99 5

85.9-128

89-129

86.1-125

88.2-128

71.5-134

2.30

1.79

1.70

1.76

Reported: 04-Oct-24 09:16

RPD

Limit

16

16.2

16.7

16.3

Notes

Fax To:

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Units

Reporting

Limit

Result

2.03

4.31

2.01

6.32

0.0497

0.050

0.100

0.050

0.150

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

2.00

4.00

2.00

6.00

0.0500

Blank (4092634-BLK1)				Prepared & Anal	yzed: 26-Sep-24				
Benzene	ND	0.050	mg/kg						
Toluene	ND	0.050	mg/kg						
Ethylbenzene	ND	0.050	mg/kg						
Total Xylenes	ND	0.150	mg/kg						
Total BTEX	ND	0.300	mg/kg						
Surrogate: 4-Bromofluorobenzene (PID)	0.0515		mg/kg	0.0500	103	71.5-134			
LCS (4092634-BS1)				Prepared & Anal	yzed: 26-Sep-24				
Benzene	1.92	0.050	mg/kg	2.00	96.0	82.8-130			
Toluene	2.03	0.050	mg/kg	2.00	101	86-128			
Ethylbenzene	2.08	0.050	mg/kg	2.00	104	85.9-128			
m,p-Xylene	4.39	0.100	mg/kg	4.00	110	89-129			
o-Xylene	2.04	0.050	mg/kg	2.00	102	86.1-125			
Total Xylenes	6.43	0.150	mg/kg	6.00	107	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0502		mg/kg	0.0500	100	71.5-134			
LCS Dup (4092634-BSD1)				Prepared & Anal	yzed: 26-Sep-24				
Benzene	1.86	0.050	mg/kg	2.00	93.1	82.8-130	3.04	15.8	
Toluene	1.98	0.050	mg/kg	2.00	98.8	86-128	2.64	15.9	

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%REC

Analytical Results For:

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

Surrogate: 1-Chlorooctadecane

Project: PLU CVX JV PC 11
Project Number: 03C1558321
Project Manager: DAVID MCINNIS

Spike

50.0

114

49.1-148

Source

Reported: 04-Oct-24 09:16

RPD

Fax To:

Reporting

57.0

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 4092640 - General Prep - Organics										
Blank (4092640-BLK1)				Prepared: 2	26-Sep-24 A	Analyzed: 2	7-Sep-24			
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	53.6		mg/kg	50.0		107	48.2-134			
Surrogate: 1-Chlorooctadecane	50.4		mg/kg	50.0		101	49.1-148			
LCS (4092640-BS1)				Prepared &	દે Analyzed:	26-Sep-24				
GRO C6-C10	224	10.0	mg/kg	200		112	66.4-123			
DRO >C10-C28	215	10.0	mg/kg	200		108	66.5-118			
Total TPH C6-C28	440	10.0	mg/kg	400		110	77.6-123			
Surrogate: 1-Chlorooctane	58.9		mg/kg	50.0		118	48.2-134			
Surrogate: 1-Chlorooctadecane	57.5		mg/kg	50.0		115	49.1-148			
LCS Dup (4092640-BSD1)				Prepared &	k Analyzed:	26-Sep-24				
GRO C6-C10	221	10.0	mg/kg	200		110	66.4-123	1.62	17.7	
DRO >C10-C28	206	10.0	mg/kg	200		103	66.5-118	4.22	21	
Total TPH C6-C28	427	10.0	mg/kg	400		107	77.6-123	2.88	18.5	
Surrogate: 1-Chlorooctane	63.3		mg/kg	50.0		127	48.2-134			

mg/kg

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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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1881PM	FOR LAB L.D.	Project Location	Project St: 03	旁	99	Project Manage	Company Maine
\$ 60 S S	Sample I.D.	32.205.624	12885.	-454. 300a	wienteld	1.1	101 East Merland, (676) 393-2326 Company Maine: Ensobirn, LLC
	Depth	-103,904817	Project Owner:	XI		,	101 East Mariand, Hobbs, NII 88240 (575) 393-2326 FAX (575) 393-2476 Ensolum, LLC
GROUNI WASTEV SOIL OIL	AMERS DWATER WATER WATER						
ACID/BA	SE: PRESERV.	1 1	Carlsba	Colton 1	W: X7	in.	
1314 × 1261	4	8220	Greensy	Brown			
Company of the Compan	and the same of th			- and	-	- A	
						NALYSIS REQU	1 4 000 E
			West of the second			TEST	
	SS 09 0.5' G (G)RAB SS 09 0.5' G (G)RAB WASTEN X SOIL OIL SLUDGE OTHER: ACID/BA X 4/26/24 1314 X PTE	Salmplie I.D. Dapth (feet) BH03 D G (G)RAB OR (C)OMP. FOUNDWATER WASTEWATER WASTEWATER ACID/BASE: ACID/BASE	Samplifie I.D. (Seed) Samplifie I.D. (Seed) BHOS S G G RAB OR (C)OMP. MATRIX PROBLETY SAMPLING WASTEWATER SOIL OTHER: ACID/BASE: X 4/26/24 1314 X A/26/24 1314 X A/26/24 1314	Dapth (G)RAB OR (C)OMP. Sample I.D. Dapth (G)RAB OR (C)OMP. Batter IV Zig: 85220 Dapth (G)RAB OR (C)OMP. BATRIX PRESERV SAMPLING S J GOLL SLUDGE OTHER: X OIL SLUDGE OTHER: X A/26/24 1324 X PEX	Sample I.D. Sampl	M://m/ State: TX Zip: 7970/ Aller Company: XTO M://m/ State: TX Zip: 7970/ Aller Company: XTO M://m/ State: TX Zip: 7970/ Aller Company: XTO Mod-454.3009 Fant R: Moderness: 3/04 E. Green State Moderness: 3/04 E. Green	### Sold Profess Owner: And Profess Owner: The Prof



PLU CVX JV PC 11-nAPP2401641673

From Hamlet, Robert, EMNRD < Robert. Hamlet@emnrd.nm.gov>

Date Fri 11/1/2024 4:59 PM

To Brown, Colton S <colton.s.brown@exxonmobil.com>

Cc Dirkx, Kaylan <kaylan.dirkx@exxonmobil.com>; Garcia, Amanda <amanda.garcia@exxonmobil.com>; Tacoma Morrissey <tmorrissey@ensolum.com>; Ben Belill <bbelill@ensolum.com>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

[**EXTERNAL EMAIL**]

Colton,

I realized it was a remediation plan and reviewed it as such. My apologies for accidentally putting closure on there. I hope you read the part about shallow perched water zones being considered groundwater. These are not part of the major aquifer structure and exist all over southeastern New Mexico. They can show up unexpectedly in various places and need to be considered. The Remediation Closure Report is unfortunately still denied.

A Clarification Document has been placed on the OCD website pertaining to frequently asked questions. The clarification for groundwater depth determination is listed below.

IX. DETERMINING DEPTH TO GROUNDWATER:

a. The remediation levels provided in Table I are largely dependent upon depth to groundwater. As such, the OCD focuses upon depth to water estimation. 19.15.11(A)(2) NMAC allows for various means of determining depth to groundwater. If nearby wells are used, it is preferable if they are situated within $\frac{1}{2}$ -mile of the release, the water level information is no more than 25 years old, and well construction information is provided. If the water level information does not meet these criteria, the OCD may require boring to a limited depth for verification. If the operator has applicable information which does not meet the above preference, we will review it on a case by case basis to determine if it is acceptable. b. If the water well information is representative of a confined aquifer (often described as "artesian"), the depth to water in the well will be considered the depth to the bottom of the upper confining layer, not the observed water level in the well.

c. It is important to note that wells installed for water supply purposes may not be screened across shallower, less-productive zones. Those less-productive zones might contain protectable water.

Regards,

Robert Hamlet ● Environmental Specialist - Advanced Environmental Bureau EMNRD - Oil Conservation Division 506 W. Texas Ave. | Artesia, NM 88210 575.909.0302 | robert.hamlet@state.nm.us http://www.emnrd.state.nm.us/OCD/



From: Brown, Colton S <colton.s.brown@exxonmobil.com>

Sent: Friday, November 1, 2024 2:28 PM

To: Hamlet, Robert, EMNRD < Robert. Hamlet@emnrd.nm.gov>

Cc: Dirkx, Kaylan <kaylan.dirkx@exxonmobil.com>; Garcia, Amanda <amanda.garcia@exxonmobil.com>; Tacoma

Subject: [EXTERNAL] PLU CVX JV PC 11-nAPP2401641673

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

Dear Mr. Hamlet,

We appreciate your review of the report submitted for Incident Number nAPP2401641673, however, we have some questions about the response and denial. In addition, we would like to clarify that the report submitted was a Remediation Work Plan, and not a Closure as stated below. The portal reflects only a Work Plan and no closure request is mentioned in the report. Also attached is the work plan for this particular release.

In your response you note that "Depth to groundwater is not adequately identified" however, we provided a description of a thorough investigation of the available groundwater data in the region. The OCD Notice "Process Update re: Submissions of Form C-141 Release Notification and Corrective Actions" notes the following:

- If nearby wells are used, it is preferable if they are situated within ½-mile of the release, the water level information is no more than 25 years old, and well construction information is provided. If the water level information does not meet these criteria, the OCD may require boring to a limited depth for verification. If the operator has applicable information which does not meet the above preference, OCD will review it on a case-by-case basis to determine if it is acceptable.

The Work Plan provided additional applicable information, though it does not meet the OCD's preference, it does provide a strong argument that regional depth to groundwater is greater than 100 feet below ground surface.

The nearest well to the Site (USGS 321205103544701), is located just over the preferred distance, at 0.59 miles. In addition, there are 5 wells (USGS and NMOSE) within a 1.25 mile radius, in all cardinal directions, all of which confirm depth to water is greater than 100 feet below ground surface.

The nearest well to the Site USGS 321205103544701does utilize data that again is just over the preferred age, at 26 years since the last measurement. However, the well has documented at least 40 years of groundwater data from that well, during that time the water level did not fluctuate more than 6.24 feet. It is highly unlikely that the depth to water in this area would have risen to less than 100 feet within the last 26 years. Consistent well water data in the region is supported by a soil boring (one of the 5 within a 1.25 mile radius, C-04676) located 0.71 miles from the Site and drilled in 2022 to a depth of 120 feet bgs. No groundwater was observed in the soil boring after a 72-hour waiting period.

Based on the thorough review of the information above, XTO believes it is reasonable to assume depth to groundwater is greater than 100 feet bgs at the subject Site. XTO also believes it has provided applicable information and request that the OCD review to determine if it is acceptable. If this data is not acceptable, please let us know what alternative data the OCD is willing to accept in lieu of a soil boring. Requiring a soil boring in this instance, when one drilled in 2022 is located just 0.2 miles from where another would likely be installed, seems like an unnecessary request that will further delay the remediation and Closure of this release.

XTO has proposed in the Work Plan to excavate impacted soil identified in the delineation soil samples, ensure sidewalls meet with reclamation requirement in the top 4 feet, and analyze all confirmation soil samples for all constituents of concern.

Based on the information reviewed here, and because XTO has proposed to address the top 4 feet of the release following the reclamation requirement, we would ask that you reconsider the review of the Work Plan and approve the proposed remedial actions as stated in the Work Plan.

Thank you

Colton Brown

Wastewater Advisor

ExxonMobil Upstream Company 3104 E. Greene St. Carlsbad, NM 88220 Cell Phone: 575-988-2390 colton.s.brown@exxonmobil.com



APPENDIX B

BLM Sundry Form and Correspondence

U.S. Department of the Interior BUREAU OF LAND MANAGEMENT

Sundry Print Report

Well Name: POKER LAKE CVX JV PC Well Location: T24S / R30E / SEC 21 / County or Parish/State: EDDY /

NWNE / 32.2101176 / -103.883852

Well Number: 11H Type of Well: OIL WELL Allottee or Tribe Name:

Lease Number: NMLC068431 Unit or CA Name: Unit or CA Number:

US Well Number: 300153976800S1 **Operator:** XTO PERMIAN OPERATING

LLC

Notice of Intent

Sundry ID: 2793044

Type of Submission: Notice of Intent

Type of Action: Other

Date Sundry Submitted: 05/30/2024 Time Sundry Submitted: 02:03

Date proposed operation will begin: 06/03/2024

Procedure Description: XTO Permian Operating LLC., respectfully requests access off pad in order to complete remediation activities related to Incident Number nAPP2401641673 which involves the PLU CVX JV PC 11H flowline release that occurred on January 8, 2024. Excavation of impacted soil is needed in pasture and right-of-way (ROW) areas where the release occurred, located approximately 1.25 miles west-southwest of the PLU CVX JV PC 11H facility pad. Heavy equipment (backhoe, trackhoe, front loader, hydro vacuum truck) will be utilized to complete the excavation. After successful completion of remediation efforts, the disturbed areas will be backfilled and recontoured to match pre-existing conditions and re-seeded with the recommended BLM seed mixture. Please see attached site maps.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

PLU_CVX_JV_PC_11_Map_2_20240530140152.pdf

PLU_CVX_JV_PC_11_Land_Access_Site_Map_20240530140126.pdf

Page 1 of 2

eived by OCD: 1/28/2025 8:18:49 AM PC

Well Location: T24S / R30E / SEC 21 / NWNE / 32.2101176 / -103.883852

County or Parish/State: Page 69 9f 1

Well Number: 11H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMLC068431

Unit or CA Name:

Unit or CA Number:

US Well Number: 300153976800S1

Operator: XTO PERMIAN OPERATING

Conditions of Approval

Specialist Review

PLU CVX JV PC 11H FLOWLINE 01 20240530143246.docx

Seed_Mixture_2_Sandy_Sites_20240530143222.doc

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: SHERRY MORROW Signed on: MAY 30, 2024 02:02 PM

Name: XTO PERMIAN OPERATING LLC

Title: Regulatory Analyst

Street Address: 6401 HOLIDAY HILL ROAD BLDG 5

City: MIDLAND State: TX

Phone: (432) 218-3671

Email address: SHERRY.MORROW@EXXONMOBIL.COM

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: CRISHA A MORGAN

BLM POC Phone: 5752345987

Disposition: Accepted

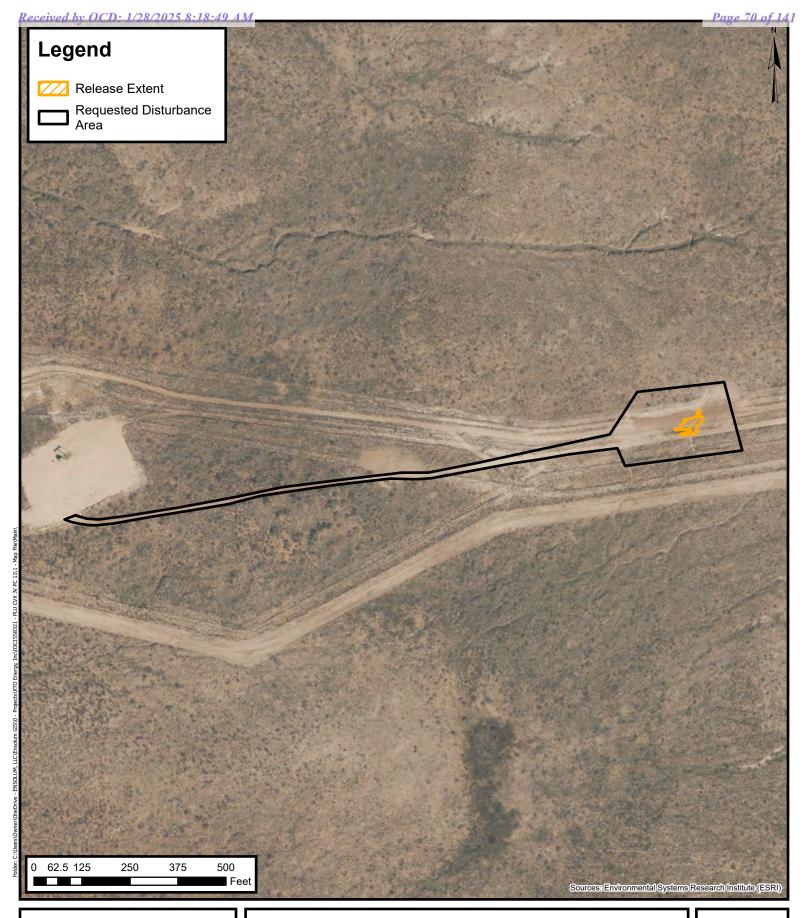
Signature: CRISHA A. MORGAN

BLM POC Title: Environmental Protection Specialist

BLM POC Email Address: camorgan@blm.gov

Disposition Date: 05/30/2024

Page 2 of 2





Site Map

XTO Energy, Inc
PLU CVX JV PC 11
Incident Number: nAPP2401641673
Unit F, Section 20, Township 24 South, Range 30 East
Eddy County, New Mexico

FIGURE



PLU CVX JV PC 11H FLOWLINE 01/08/2024

ENVIRONMENTAL IMPACT REVIEW:

BLM SURFACE/MINERALS

AN ARCH SURVEY WILL NEED TO BE COMPLETED BEFORE ANY DIRT WORK CAN BEGIN.

A BOTANY SURVEY WILL NEED TO BE COMPLETED BEFORE ANY DIRT WORK CAN BEGIN.

THIS LOCATION WILL REQUIRE BLM SEED MIXTURE #2 FOR SAND SITES. I HAVE ATTACHED A COPY FOR YOUR RECORDS.

Please let me know if you run into any issues, or have any more questions.

Thank you,

Crisha A. Morgan | Certified - Environmental Protection Specialist | Program Officer | COR | Spills Coordinator | Orphaned & Idled Well POC Lead Bureau of Land Management | Carlsbad Field Office 620 E. Greene Street Carlsbad, NM 88220 Cell 575-200-8648 | Office 575-234-5987 | camorgan@blm.gov



Seed Mixture 2, for Sandy Sites

The holder shall seed all disturbed areas with the seed mixture listed below. The seed mixture shall be planted in the amounts specified in pounds of pure live seed (PLS)* per acre. There shall be <u>no</u> primary or secondary noxious weeds in the seed mixture. Seed will be tested and the viability testing of seed will be done in accordance with State law (s) and within nine (9) months prior to purchase. Commercial seed will be either certified or registered seed. The seed container will be tagged in accordance with State law(s) and available for inspection by the authorized officer.

Seed will be planted using a drill equipped with a depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture will be evenly and uniformly planted over the disturbed area (smaller/heavier seeds have a tendency to drop the bottom of the drill and are planted first). The holder shall take appropriate measures to ensure this does not occur. Where drilling is not possible, seed will be broadcast and the area shall be raked or chained to cover the seed. When broadcasting the seed, the pounds per acre are to be doubled. The seeding will be repeated until a satisfactory stand is established as determined by the authorized officer. Evaluation of growth will not be made before completion of at least one full growing season after seeding.

Species to be planted in pounds of pure live seed* per acre:

<u>Species</u>	l <u>b/acre</u>
Sand dropseed (Sporobolus cryptandrus) Sand love grass (Eragrostis trichodes) Plains bristlegrass (Setaria macrostachya)	1.0 1.0 2.0

^{*}Pounds of pure live seed:

Pounds of seed **x** percent purity **x** percent germination = pounds pure live seed



APPENDIX C

Photographic Log



Photographic Log

XTO Energy, Inc PLU CVX JV PC 11 NAPP2401641673



Photograph: 1 Date: 1/9/2024

Description: Soil staining in release footprint

View: East



Photograph: 2 Date: 3/5/2024

Description: Soil staining in release footprint

View: Southwest



Photograph: 3 Date: 4/24/2024

Description: Soil staining in release foot print

View: Southeast



Photograph: 4 Date: 9/26/2024

Description: Core drilling activities

View: Northeast



Photographic Log

XTO Energy, Inc PLU CVX JV PC 11 NAPP2401641673





Photograph: 5 Date: 11/19/2024

Description: Ongoing excavation in ROW

View: South

Photograph: 6 Date: 11/20/2024

Description: Excavation extent

View: East





Photograph: 7

Date: 11/20/2024

Photograph: 8 Date:
Description: Additional excavation at FS18

Date: 12/19/2024

Description: Excavation extent

View: West

View: South



APPENDIX D

Soil Disposal Manifests

(PLEASE PRINT)

REQUIRED INFORMATION

Company Man Contact Information Phone No.

(2)		GE	NERATOR		~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	NO.HW	- 71	7260
Generator Manifest #X + (3		Location				l sle	1200
Generator Name			Lease/W Name &	PVA.	4 CVX :	TV AC	#114	
Address			County	Proje	d 03C	155832		
City, State, Zip			API No.	2 No CC	11390	016416	73	
Phone No.			Rig Name AFE/PO Name	45. 2	30-0	15-69	768	
		ervice Identification and An	nount (place volum	ne next to waste t				
Oil Based Muds Oil Based Cuttings		ION-INJECTABLE WATERS Vashout Water (Non-Injectable			OTHER EXEMP	T E&P WASTE ST	REAMS	
Water Based Muds Water Based Cuttings		ompletion Fluid/Flow Back (No roduced Water (Non-Injectable	on-Injectable)		Dan	10 7	ruc	11
Produced Formation Solids Tank Bottoms		athering Line Water/Waste (N	lon-Injectable)		arour.	/ /	ruci	<u> </u>
E&P Contaminated Soil Gas Plant Waste		NTERNAL USE ONLY ruck Washout (exempt waste)	YES	(NO)	TOP SOIL & CAL	ICHE SALES	TOP SOIL	CALICUE
WASTE GENERATION PROCESS:		COMPLETIO		PRODUCTION		GATHERING L		CALICHE
		NON-EXEMPT E&P Wa				GATTETING E	IIVEO	
	I non-exempt E&P waste	nust be analysed and be below	w threshold limits for	toxicity (TCLP), Igni	The Real Property lies and the last of the	The second second		
Non-Exempt Other				*please select fro	m Non-Exempt	Waste List on	back	
DISPOSAL QUANTITY		B - BARRELS	L - LIQUID		Y - YARDS		E - E/	1,1,4-1,1
I hereby certify that the above listed repackaged, and is in proper condition f	material(s), is (are) not ha for transportation accordi	zardous waste as defined by 40 ng to applicable regulation.	0 CFR Part 261 or any	applicable state la	w. That each wa	ste has been pro	perly describe	d, classified and
RCRA EXEMPT:	Oil field wastes gen	erated from oil and gas explora	ation and production	operation and are n	ot mixed with no	n-exempt waste	(R360 Accepts	s certifications on a
RCRA NON-EXEMPT:	per load basis only) Oil field waste which	is non-hazardous that does n	ot exceed the minim	um standards for wa	aste hazardous b	v characteristics	established in	RCRA regulations
	40 CFR 261.21-261.2	4, or listed hazardous waste a lous is attached. (Check the ap	s defined by 40 CFR,	part 261, subpart D	, as amended. Th	ne following docu	mentation der	monstrating the
	MSDS Information		RCRA Hazardous Was		1	Other /Provi	de Description	Polovil
			TOTA Hazardous vva.	ste Analysis		Other (Frown	de Describani	i below)
☐ EMERGENCY NON-OILFIELD	Emergency non-haza	rdous, non-oilfield waste that	has been ordered by	the Department of	Public Safety (the	and the second second second second	THE PERSON NAMED IN COLUMN	1200377
EMERGENCY NON-OILFIELD	Emergency non-haza determination and a		has been ordered by	the Department of	Public Safety (the	and the second second second second	THE PERSON NAMED IN COLUMN	1200377
Banano Ban	Emergency non-haza determination and a ED AGENTS SIGNATURE	rdous, non-oilfield waste that description of the waste must	has been ordered by accompany this form DATE	the Department of	Public Safety (the	and the second second second second	THE PERSON NAMED IN COLUMN	1200377
Barrago Barrago Para Para Para Para Para Para Para Par	determination and a	rdous, non-oilfield waste that description of the waste must	has been ordered by accompany this form DATE NSPORTEF	the Department of	Public Safety (the	e order, documen	THE PERSON NAMED IN COLUMN	1200377
Transporter's Name Sen	determination and a	rdous, non-oilfield waste that description of the waste must	has been ordered by accompany this form DATE NSPORTEF Driver's N	the Department of	lom logo	e order, documen	tation of non-h	1200377
Barrago Barrago Para Para Para Para Para Para Para Par	determination and a	rdous, non-oilfield waste that description of the waste must	has been ordered by accompany this form DATE NSPORTEF	the Department of		e order, documen	tation of non-h	1200377
Transporter's Name Address Phone No. Transporter Ticket #	determination and a	rdous, non-oilfield waste that description of the waste must	has been ordered by accompany this form DATE NSPORTEF Driver's N Print Nam Phone No Truck No.	the Department of	John Logo John Logo 132-95 59	BARRE	tation of non-t	1200377
Transporter's Name Address Phone No.	determination and a	TRA ked up at the Generator's site	has been ordered by accompany this form DATE NSPORTEF Driver's N Print Nam Phone No Truck No.	the Department of	John Logo John Logo 132-95 59	BARRE	tation of non-h	nazardous waste
Transporter's Name Address Phone No. Transporter Ticket #	TEX ME material(s) was/were pic	rdous, non-oilfield waste that description of the waste must	DATE DATE NSPORTEF Driver's N Print Nam Phone No Truck No. listed above and deli	the Department of	John Logo John Logo 132-95 59	BARRE	a gelow.	nazardous waste
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named SHIPMENT DATE TRUCK TIME S'	material(s) was/were pic	TRA ked up at the Generator's site	DATE DATE NSPORTEF Driver's N Print Nam Phone No Truck No. listed above and deli	ame overed without incidence of the part o	John Lago Jan Lago 132-95 59 ent to the dispos	SIGNATURE SACTOR SIGNATURE SACTOR	dation of non-f	nazardous waste
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named SHIPMENT DATE	material(s) was/were pic	TRA ked up at the Generator's site	DATE DATE DIVERS NO Print Nam Phone No Truck No. Iisted above and deli	the Department of 1) Rame Lie Livered without incid	John Lago Jan Lago 132-95 59 ent to the dispos	SIGNATURE	dation of non-f	nazardous waste
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named SHIPMENT DATE TRUCK TIME S IN:OU Site Name/	material(s) was/were pic	TRA ked up at the Generator's site	DATE NSPORTEF Driver's N Print Nam Phone No Truck No. listed above and deli	ame vered without incid	long og of the dispose of the dispos	SIGNATURE	dation of non-f	nazardous waste
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named SHIPMENT DATE TRUCK TIME S IN: OU Site Name/ Permit No. Halfway F	material(s) was/were pic TAMP Taking Driver Tamp	TRA ked up at the Generator's site	DATE DATE DIVERS NO Print Nam Phone No Truck No. Iisted above and deli	ame vered without incid	lomingo 132-95 59 ent to the dispos	SIGNATURE	dation of non-f	nazardous waste
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named SHIPMENT DATE TRUCK TIME S IN: OU Site Name/ Permit No. Address Halfway F 6601 Hobbs H	material(s) was/were pic TAMP Taking Driver Tamp	TRA TRA ked up at the Generator's site DISPO: ker 66 Carlsbad, NM 88220	DATE NSPORTEF Driver's N Print Nam Phone No Truck No. Iisted above and deli SAL FACILI Phone No	ame vered without incid	Name/No	BARZA SIGNATURE BARZA BARZA	dation of non-fraction of non-	nazardous waste
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named SHIPMENT DATE TRUCK TIME S IN: OU Site Name/ ermit No. Address Halfway F 6601 Hobbs H NORM READIN	material(s) was/were pic TAMP Tacility / NIM1-006 Wy US 62 / 180 Mile Mai	TRA TRA ked up at the Generator's site DISPO: ker 66 Carlsbad, NM 88220 YES NO	DATE NSPORTEF Driver's N Print Nam Phone No Truck No. Iisted above and deli SAL FACILI Phone No	the Department of 1) Rame ame te vered without incid	Name/No	BARZA SIGNATURE BARZA BARZA	gelow.	nazardous waste
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named SHIPMENT DATE TRUCK TIME S IN: OU Site Name/ ermit No. Address NORM READIN PASS THE PAINT FI	material(s) was/were pic TAMP Tacility / NM1-006 Wy US 62/180 Mile Mai GS TAKEN? (Circle One	TRA TRA ked up at the Generator's site of the Waste must of the	DATE NSPORTEF Driver's N Print Nam Phone No Truck No. Iisted above and deli SAL FACILI Phone No	the Department of 1) Rame ame de vered without incid current DATE TY 575-3 as reading > 50 m	Name/No	BARZA SIGNATURE BARZA BARZA	gelow.	nazardous waste
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named SHIPMENT DATE TRUCK TIME S IN: OU Site Name/ ermit No. Address Halfway F 6601 Hobbs H NORM READIN	material(s) was/were pic TAMP Tacility / NM1-006 Wy US 62/180 Mile Mai GS TAKEN? (Circle One	rdous, non-oilfield waste that description of the waste must TRA ked up at the Generator's site BYES SIGNATURE DISPO: ker 66 Carlsbad, NM 88220 YES NO YES NO	DATE NSPORTEF Driver's N Print Nam Phone No Truck No. listed above and deli SAL FACILI Phone No If YES, wa	the Department of 1) Rame ame de vered without incid current DATE TY 575-3 as reading > 50 m	ent to the dispose Mame/No	BARZA SIGNATURE BARZA BARZA	gelow. SIGNATURE AREA YES	NO NO
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named SHIPMENT DATE TRUCK TIME S' IN: OU Site Name/ Permit No. Address Halfway F 6601 Hobbs H NORM READIN PASS THE PAINT FI	material(s) was/were pic TAMP Tacility / NM1-006 Wy US 62/180 Mile Mai GS TAKEN? (Circle One	TRA TRA ked up at the Generator's site of the Waste must of the	DATE NSPORTEF Driver's N Print Nam Phone No Truck No. listed above and deli SAL FACILI Phone No If YES, wa	the Department of 1) Rame le le vered without incid LIVERY DATE TY 575-3 Is reading > 50 m S BS&W/BBLS I	ent to the dispose Page 6368 Received Page 6468	BARZA SIGNATURE BARZA BARZA	gelow.	NO NO
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named SHIPMENT DATE TRUCK TIME S IN: OU Site Name/ Permit No. Address NORM READIN PASS THE PAINT FI st Guage Ind Guage Received Transporter's Norm Readin Pass The Paint Fi	material(s) was/were pic TAMP Tacility / NM1-006 Wy US 62 / 180 Mile Ma ILTER TEST? (Circle One	TRA Ked up at the Generator's site of the Waste must of the Waste	DATE NSPORTEF Driver's N Print Nam Phone No Truck No. listed above and deli SAL FACILI Phone No If YES, wa	the Department of 1) Rame le le vered without incid LIVERY DATE TY 575-3 Is reading > 50 m S BS&W/BBLS I	ent to the dispose Page 6368 icro roentgents	BARZA SIGNATURE BARZA BARZA	gelow. SIGNATURE AREA YES	NO NO
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named SHIPMENT DATE TRUCK TIME S' IN: OU Site Name/ Permit No. Address Halfway F 6601 Hobbs H NORM READIN PASS THE PAINT FI	material(s) was/were pic TAMP Tacility / NM1-006 Wy US 62 / 180 Mile Ma ILTER TEST? (Circle One	TRA TRA ked up at the Generator's site of the waste must of the	DATE NSPORTEF Driver's N Print Nam Phone No Truck No. listed above and deli SAL FACILI Phone No If YES, wa	the Department of 1) Rame le le vered without incid LIVERY DATE TY 575-3 Is reading > 50 m S BS&W/BBLS I	ent to the dispose Seceived Se	BARZA SIGNATURE BARZA BARZA	gelow. SIGNATURE AREA YES	NO NO
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named SHIPMENT DATE TRUCK TIME S' IN: OU Site Name/ Permit No. Address NORM READIN PASS THE PAINT FI	material(s) was/were pic TAMP Tacility / NM1-006 Wy US 62 / 180 Mile Ma ILTER TEST? (Circle One	TRA Ked up at the Generator's site of the Waste must of the Waste	DATE NSPORTEF Driver's N Print Nam Phone No Truck No. listed above and deli SAL FACILI Phone No If YES, was	the Department of 1) Rame ame te Vered without incide LIVERY DATE TY BS&W/BBLS 1 Free Total 1	ent to the dispose Name/No	BARZA SIGNATURE BARZA BARZA	Pelow. SIGNATURE AREA YES BS&W (%)	nazardous waste

(PLEASE PRINT)

REQUIRED INFORMATION

Compa	ny Man Contact Information
Name	David Kyrd
Phone	Vo.

Pag	GENERATOR	No.HW- 717261
Generator Manifest #	Location of Origin	111201
Generator Name	Lease/Well Name & No.	LU CUX JU PC#/1
Address	County	coject 030/558321
City, State, Zip	API No	C 1139 82 1001
Phone No.	AFE/PO No.	30-015-69768
	e Identification and Amount (place volume next to waste NJECTABLE WATERS	
Oil Based Cuttings Washo	ut Water (Non-Injectable)	OTHER EXEMPT E&P WASTE STREAMS
Water Based Cuttings Produc	etion Fluid/Flow Back (Non-Injectable)	1) Imo Trumo
Tank Pottoms	ng Line Water/Waste (Non-Injectable) JAL USE ONLY	TOP SOIL & CALICHE SALES
EXT CONTAINING OUT	Vashout (exempt waste) YES NO	QUANTITY 10 TOP SOIL CALICHE
WASTE GENERATION PROCESS: DRILLING	COMPLETION PRODUCTION	GATHERING LINES
All non-exempt E&P waste must I	NON-EXEMPT E&P Waste/Service Identification and Amoun be analysed and be below threshold limits for toxicity (TCLP), Iç	t nitability, Corrosivity adn Reactivity.
Non-Exempt Other		rom Non-Exempt Waste List on back
DISPOSAL QUANTITY B - B	ARRELS L - LIQUID	Y - YARDS E - EACH
I hereby certify that the above listed material(s), is (are) not hazardor packaged, and is in proper condition for transportation according to	is waste as defined by 40 CFR Part 261 or any applicable state	law. That each waste has been properly described, classified and
RCRA EXEMPT: Oil field wastes generated		not mixed with non-exempt waste (R360 Accepts certifications on a
per load basis only) BCRA NON-EXEMPT: Oil field waste which is not	n-hazardous that does not exceed the minimum standards for	waste hazardous by characteristics established in RCRA regulations,
40 CFR 261.21-261.24, or	isted hazardous waste as defined by 40 CFR, part 261, subpart attached. (Check the appropriate items as provided)	D, as amended. The following documentation demonstrating the
MSDS Information	RCRA Hazardous Waste Analysis	Other (Provide Description Below)
	, non-oilfield waste that has been ordered by the Department of iption of the waste must accompany this form)	of Public Safety (the order, documentation of non-hazardous waste
David Byrd	The state of the s	
(PRINT) AUTHORIZED AGENTS SIGNATURE	TRANSPORTER	SIGNATURE
Transporter's Sem Tex mes		Domines Baeza
Address	Print Name	Jamingo Baeza
Phone No. Transporter Ticket #	Phone No.	59
I hereby certify that the above named material(s) was/were picked u	at the Generator's site listed above and delivered without inc	ident to the disposal facility listed below.
SHIPMENT DATE DOMINGS BAR DRIVER'S SIG	JATURE DELIVERY DATE	DRIVER'S SIGNATURE
TRUCK TIME STAMP	DISPOSAL FACILITY	RECEIVING AREA
IN: OUT:		Name/No.
Site Name/ Permit No. Halfway Facility / NM1-006	Channe No. 575	-392-6368
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 6		
NORM READINGS TAKEN? (Circle One)		micro roentgents? (Circle One) YES NO
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 6 NORM READINGS TAKEN? (Circle One) PASS THE PAINT FILTER TEST? (Circle One) Feet Inc.	YES NO	
00 Vector Inc.	TANK BOTTOMS	micro roentgents? (Circle One) YES NO
St Guage	BS&W/BBL	Received BS&W (%)
Pind Guage Sectived		ree Water I Received
Shereby certify that the above load material has been (circle one):		ed, why?
	TI/1) 1/11	
NAME (PRINT) White - R360 ORIGINAL	DATÉ TITLE	S Received BS&W (%) Free Water I Received BS&W (%) SIGNATURE E COPY Gold- RETURN TO GENERATOR
White - R360 ORIGINAL	Yellow- TRANSPORTER COPY Pink- GENERATOR SIT	E COPY Gold- RETURN TO GENERATOR 308.R360-5240LE rev 08/23

(PLEASE PRINT)

REQUIRED INFORMATION

Company Man Contact Information Name David

TO THE PROPERTY OF THE PARTY OF					one ivo.
V+5		GEN	ERATOR	No.H	W- 717262
Generator Manifest # X+ C)		Location of Origin _ Lease/Well		
Generator Name			Name & No. Projec	+ 03015+835	?
Address			County NAPP 3	1/3/82/00/	
City, State, Zip			Rig Name & No	112702 (50)	
Phone No.			AFE/PO No	30-015-69768	3
			nt (place volume next to was	te type in barrels or cubic yard	
Oil Based Muds Oil Based Cuttings	THE RESERVE AND ADDRESS OF THE PERSON NAMED IN COLUMN	CTABLE WATERS Vater (Non-Injectable)		OTHER EXEMPT E&P WASTI	ESTREAMS
Water Based Muds Water Based Cuttings	Completion	n Fluid/Flow Back (Non-In	jectable)	The same	T
Produced Formation Solids Tank Bottoms		Water (Non-Injectable) Line Water/Waste (Non-I	njectable)	Dump	Truck
E&P Contaminated Soil		USE ONLY		TOP SOIL & CALICHE SALES	
Gas Plant Waste		hout (exempt waste)	YES NO	QUANTITY 6	TOP SOIL CALICHE
WASTE GENERATION PROCESS:	DRILLING	COMPLETION	PRODUCTION		G LINES
Allr	N non-exempt E&P waste must be a	ON-EXEMPT E&P Waste/ nalysed and be below thr	Service Identification and Amou eshold limits for toxicity (TCLP),	nt Ignitability, Corrosivity adn Reacti	vity.
Non-Exempt Other				from Non-Exempt Waste List	
DISPOSAL QUANTITY	B - BARF	RELS	L - LIQUID	Y - YARDS	E - EACH
I hereby certify that the above listed ma	aterial(s), is (are) not hazardous v	vaste as defined by 40 CF	R Part 261 or any applicable stat	e law. That each waste has been	properly described, classified and
packaged, and is in proper condition for RCRA EXEMPT:			and production operation and a	re not mixed with non-exempt wa	ste (R360 Accepts certifications on a
RCRA NON-EXEMPT:	Oil field waste which is non-h	azardous that does not ex	ceed the minimum standards fo	r waste hazardous by characterist	ics established in RCRA regulations,
	40 CFR 261.21-261.24, or liste waste as non-hazardous is att	ed hazardous waste as de	fined by 40 CFR, part 261, subpa	rt D, as amended. The following o	locumentation demonstrating the
i i	MSDS Information	The state of the s	Hazardous Waste Analysis	Other (P	rovide Description Below)
■ EMERGENCY NON-OILFIELD	Emergency non-hazardous, no	n-oilfield waste that has l	peen ordered by the Department	of Public Safety (the order, docum	nentation of non-hazardous waste
D 110.	determination and a description	on of the waste must acco	ompany this form)		
(PRINT) AUTHORIZED	AGENTS SIGNATURE		DATE	SIGNATURE	
The state of the s		TRANS	SPORTER		
Transporter's Name Sem	Tox mer		Driver's Name	Domiran Baera	
Address	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		The state of the s	bmings Barza	
Phone No.			Phone No.	430-955-381	9
Transporter Ticket # I hereby certify that the above named m	naterial(s) was/were nicked up at	the Generator's site lister	Truck No	orident to the disposal facility list	ad halow
11-15-24	Omingo Bag To		DELIVERY DATE	Amican	Bassa
SHIPMENT DATE			The second secon		R'S SIGNATURE
TRUCK TIME STA		DISPUSA	L FACILITY	Name/No.	G-AREA
Site Name/	/ BURNA 000				
	cility / NM1-006 vy US 62 / 180 Mile Marker 66 Ca	arlshad, NM 88220	Phone No. <u>57</u>	5-392-6368	
AND THE RESERVE OF THE PARTY OF	S TAKEN? (Circle One) YE		If VEC was roading > E() micro roentgents? (Circle On	e) YES NO
	TER TEST? (Circle One) YE	Name and Address of the Owner, when the Owner, which t	IT TES, Was reading > 50		e) IES INO
Feet	Inakaa		OTTOMS		
st Guage	Inches		BS&W/BB	LS Received	BS&W (%)
2nd Guage				Free Water	
			1111	al Received	
hereby certify that the above load mate	erial has been (circle one)	ACCEPTED	MIII	nied, why?	
NAME (PRINT)	1	DATE	JULE)	4 3	IGNATURE

(PLEASE PRINT)

REQUIRED INFORMATION

Company Man Contact Information

Pag					Thomas its
~ .	TO	GENE	ERATOR	NO.	HW-696606
Generator Manifest #	10		Location of Origin	JLY CA)	CJV PC 11 #
Generator Name			Lease/Well Name & No.		
Address			County	MU	
			API No.	30-1015-	69 768
City, State, Zip			Rig Name & No.	301550	
Phone No.			AFE/PO No.	351358	32
		vice Identification and Amoun	it (place volume next to waste		
Oil Based Muds Oil Based Cuttings		N-INJECTABLE WATERS shout Water (Non-Injectable)		OTHER EXEMPT E&P WA	STE STREAMS
Waste Based Muds Water Based Cuttings	Cor	npletion Fluid/Flow Back (Non-Inje	ectable)		
Produced Formation Solids		duced Water (Non-Injectable) thering Line Water/Waste (Non-In	niectable)		
Tank Bottoms E&P Contaminated Soil		ERNAL USE ONLY		TOP SOIL & CALICHE SAL	ES
Gas Plant Waste	Tru	ck Washout (exempt waste)	(YES) NO	QUANTITY 5	TOP SOIL CALICHE
WASTE GENERATION PROCESS:	DRILLING	COMPLETION	PRODUCTION	GATHER	ING LINES
		NON-EXEMPT E&P Waste/S	Service Identification and Amount		
	on-exempt E&P waste me	ust be analysed and be below three	eshold limits for toxicity (TCLP), Ig	nitability, Corrosivity adn Rea	
Non-Exempt Other			*please select f	rom Non-Exempt Waste Li	ist on back
DISPOSAL QUANTITY	В	- BARRELS	L - LIQUID	Y - YARDS	E - EACH
I hereby certify that the above listed ma	terial(s), is (are) not haza	rdous waste as defined by 40 CFR	Part 261 or any applicable state	law. That each waste has be	en properly described, classified and
packaged, and is in proper condition for	transportation according	to applicable regulation.			
RCRA EXEMPT:	Oil field wastes genera per load basis only)	ated from oil and gas exploration	and production operation and are	not mixed with non-exempt	waste (R360 Accepts certifications on a
RCRA NON-EXEMPT:	Oil field waste which i	s non-hazardous that does not ex	ceed the minimum standards for	waste hazardous by characte	ristics established in RCRA regulations,
	40 CFR 261.21-261.24, waste as non-hazardo	or listed hazardous waste as defi us is attached. (Check the appropr	ined by 40 CFR, part 261, subpart	D, as amended. The following	ng documentation demonstrating the
	MSDS Information	The state of the s	Hazardous Waste Analysis	Other	r (Provide Description Below)
☐ EMERGENCY NON-OILFIELD	Emergency non-hazard	ous, non-oilfield waste that has b	een ordered by the Department of		cumentation of non-hazardous waste
	determination and a de	escription of the waste must acco	mpany this form)		
(PRINT) AUTHORIZED	AGENTS SIGNATURE		DATE	SIGNATURE	
(Fillit) AO MONIZED	AGENTS SIGNATORE		The second secon	SIGNATURE	
Transporter's	To 1000	INANS	PORTER	/ . /	
Name Semanary Address	I CANTER	Seminale Tr	Driver's Name	71 Charle &	ocea
Phone No.	109-944	John Mar	Print Name Phone No.	27:209-	4709
Transporter Ticket # 676	605	-	Truck No.	# 30	144
I hereby certify that the above named m	aterial(s) was/were picke	d up at the Generator's site listed		ident to the disposal facility	listed below.
OUR PLIT DATE	NAME OF THE OWNER, AND THE OWNER, AN	and the same of th	11/13	_ X m	while Beere-
SHIPMENT DATE		SIGNATURE	DELIVERY DATE		RIVER'S SIGNATURE
TRUCK TIME STA		DISPUSA	L FACILITY		ING AREA
IN:OUT:		-3		Name/No	10
Site Name/	cility / NM1-006		57E.	202_020	
CCO4 Uabba Um		er 66 Carlsbad, NM 88220	Phone No. <u>575</u> ·	-392-6368	
MODAL DEADING	A STATE OF THE STA	100	If VEO		Ossal MEG NG
PASS THE PAINT FILT	S TAKEN? (Circle One) ER TEST? (Circle One)	YES NO	If YES, was reading > 50	micro roentgents? (Circle	One) YES NO
Y TAGO THE PAINT FIEL	chi rear! (Gircle One)	The second secon	0770110		
Feet Feet			OTTOMS		One) YES NO
st Guage		Inches	BS&W/BBLS	Received	
2nd Guage			F	ree Water	
Received			Tota	Received	BS&W (%)
thereby certify that the above load mate	rial has been (circle one)	ACCEPTED	DENIED If denie	ed, why?	
	11666	717/1	, cll	or miles to	
NAME (PRINT)		DATE	TITLE		SIGNATURE TO GENERATOR
	White - R360 ORIGIN	IAL Yellow- TRANSPORTER (COPY Pink- GENERATOR SIT	E COPY Gold- RETURN 1	TO GENERATOR
donc@northstarforms.com (877)499-0492					308.R360-5240LE rev 08/23

(PLEASE PRINT)

REQUIRED INFORMATION

Company Man Contact Information
Name Devid Bytd

					Holle No.
Generator Manifest #	10	GENE	RATOR Location of Origin	PLU CUX	TV PC 11 #
Generator Name			Lease/Well Name & No.		
Address			County	Eddy	
			API No.	36-015-60	1768
City, State, Zip			Rig Name & No.	1220155 8	201
Phone No.	CVENADT COD W//C-	:- (4- 00- o)	AFE/PO No.	0501330	
Oil Based Muds		vice Identification and Amount N-INJECTABLE WATERS	t (place volume next to wa	OTHER EXEMPT E&P WAS	No. of Concession, Name of
Oil Based Cuttings Waste Based Muds	Wa	shout Water (Non-Injectable)		- OTHER EXCENT FEED WAS	TE OTTEAWO
Water Based Cuttings	Coi	npletion Fluid/Flow Back (Non-Injeduced Water (Non-Injectable)	ectable)	=	
Produced Formation Solids Tank Bottoms	Ga	thering Line Water/Waste (Non-Inj	jectable)		
E&P Contaminated Soil Gas Plant Waste	100	ERNAL USE ONLY ck Washout (exempt waste)	(YES) NO	TOP SOIL & CALICHE SALE:	TOP SOIL CALICHE
WASTE GENERATION PROCESS:	DRILLING	COMPLETION	PRODUCTIO		
TW TO TE GETTER WHO IT THOUGHOST	Dilitative				ING LINES
All	non-exempt E&P waste m	NON-EXEMPT E&P Waste/S ust be analysed and be below thre	shold limits for toxicity (TCLP	ount), Ignitability, Corrosivity adn Read	ctivity.
Non-Exempt Other			*please sele	ct from Non-Exempt Waste Lis	st on back
DISPOSAL QUANTITY	P	- BARRELS	L - LIQUID	Y - YARDS	E - EACH
I hereby certify that the above listed n packaged, and is in proper condition for	naterial(s), is (are) not haza	rdous waste as defined by 40 CFR	Part 261 or any applicable st	ate law. That each waste has bee	n properly described, classified and
RCRA EXEMPT:	Oil field wastes gener		and production operation and	are not mixed with non-exempt v	vaste (R360 Accepts certifications on a
RCRA NON-EXEMPT:	per load basis only) Oil field waste which i	s non-hazardous that does not eve	ead the minimum standards	for wasta hazardous by character	istics established in RCRA regulations,
I HONA NOIN-EXEIVIF I.	40 CFR 261.21-261.24	or listed hazardous waste as defir	ned by 40 CFR, part 261, subp	part D, as amended. The following	documentation demonstrating the
	waste as non-hazardo MSDS Information	us is attached. (Check the appropri	iate items as provided) Hazardous Waste Analysis	□ Other	(Provide Description Below)
- Communication of the communication			ridedidods vvasto Analysis	ouler	(Litariae Describiton Delow)
EMERGENCY NON-OILFIELD	Emergency non-hazard	lous, non-oilfield waste that has be	een ordered by the Departme	nt of Public Safety (the order doc	umentation of non-hazardous waste
EMERGENCY NON-OILFIELD	Emergency non-hazard determination and a d	lous, non-oilfield waste that has be escription of the waste must accor	een ordered by the Departme mpany this form)	nt of Public Safety (the order, doc	umentation of non-hazardous waste
	determination and a d	escription of the waste must accor	mpany this form)		umentation of non-hazardous waste
	Emergency non-hazaro determination and a d	escription of the waste must accor	mpany this form)	nt of Public Safety (the order, doc	umentation of non-hazardous waste
(PRINT) AUTHORIZE	determination and a d	escription of the waste must according to the waste with the waste w	PORTER	SIGNATURE	umentation of non-hazardous waste
Transporter's Sec	determination and a d	TRANS	PORTER Driver's Name		umentation of non-hazardous waste
Transporter's Name Secondary Address Phone No. 432-	ed AGENTS SIGNATURE	escription of the waste must according to the waste with the waste w	PORTER Driver's Name Print Name	SIGNATURE	2009
Transporter's Name Address Phone No. Transporter Ticket #	determination and a d	TRANS	PORTER Driver's Name Print Name Phone No. Truck No.	SIGNATURE Michael F 132-209-4 132-209-4	20010
Transporter's Name Second Address Phone No. 432-	determination and a d	TRANS	PORTER Driver's Name Print Name Phone No. Truck No.	SIGNATURE Michael F 132-209-4 132-209-4	20010
Transporter's Name Address Phone No. Transporter Ticket # 6 9 6 I hereby certify that the above named	etermination and a d	TRANS	PORTER Driver's Name Print Name Phone No. Truck No.	SIGNATURE SIGNATURE 132-209-4 132-309-4 incident to the disposal facility li	20010
Transporter's Name Address Phone No. Transporter Ticket # 690	etermination and a d	TRANS O TRANS O O O O O O O O O O O O O	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without	SIGNATURE SIGNATURE 1 32 - 209 - 4 Incident to the disposal facility li	3007a 1709 sted below.
Transporter's Name Address Phone No. Transporter Ticket # 6 9 6 SHIPMENT DATE	determination and a d	TRANS TRANS O TRANS	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without	SIGNATURE SIGNATURE 1 32 - 20 9 - 4 Incident to the disposal facility li	SC-270-9 Sted below.
Transporter's Name Address Phone No. Transporter Ticket # 6 9 0 I hereby certify that the above named of the service of the se	determination and a d ED AGENTS SIGNATURE TO SULT FLORE SULT FLORE DRIVER'S TAMP T:	TRANS TRANS O TRANS	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without DELIVERY DATE L FACILITY	incident to the disposal facility line RECEIVI	SC-270-9 Sted below.
Transporter's Name Address Phone No. Transporter Ticket # Thereby certify that the above named SHIPMENT DATE TRUCK TIME STIN: OUT Site Name/ ermit No. Halfway F	determination and a d ED AGENTS SIGNATURE TO AGENTS SIGNATURE TO AGENTS SIGNATURE DRIVER'S TAMP T: Cacility / NM1-006	TRANS TRANS O TRANS O O TRANS O O O O O O O O O O O O O	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without DELIVERY DATE L FACILITY	SIGNATURE SIGNATURE 132-209-4 H 30 incident to the disposal facility license and the second seco	SC-270-9 Sted below.
Transporter's Name Address Phone No. Transporter Ticket # 690 I hereby certify that the above named SHIPMENT DATE TRUCK TIME ST IN: OU Site Name/ ermit No. Address Halfway F 6601 Hobbs H	determination and a d ED AGENTS SIGNATURE TO AGENTS SIGNATURE DRIVER'S TAMP T: Cacility / NM1-006 Wy US 62 / 180 Mile Mark	TRANS TR	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without DELIVERY DATE Phone No. DELIVERY DATE Phone No. 5	Incident to the disposal facility line RECEIVI Name/No	Scora Sted below. IVER'S SIGNATURE NG AREA
Transporter's Name Address Phone No. Transporter Ticket # Thereby certify that the above named SHIPMENT DATE TRUCK TIME STIN: OUT Site Name/ ermit No. Address NORM READING	determination and a d ED AGENTS SIGNATURE TO AGENTS SIGNATURE TO AGENTS SIGNATURE DRIVER'S TAMP T: Cacility / NM1-006	TRANS TR	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without DELIVERY DATE Phone No. DELIVERY DATE Phone No. 5	incident to the disposal facility line RECEIVI	Scolar 1709 sted below. IVER'S SIGNATURE NG AREA
Transporter's Name Address Phone No. Transporter Ticket # Thereby certify that the above named SHIPMENT DATE TRUCK TIME STIN: OUT Site Name/ ermit No. Address NORM READING	material(s) was/were picked DRIVER'S TAMP T: acility / NM1-006 wy US 62 / 180 Mile Mark	TRANS TRANS OUTHOR TRANS OU	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without DELIVERY DATE L FACILITY Phone No. If YES, was reading > 1	Incident to the disposal facility line RECEIVI Name/No	Scora Sted below. IVER'S SIGNATURE NG AREA
Transporter's Name Address Phone No. Transporter Ticket #	material(s) was/were picked DRIVER'S TAMP T: acility / NM1-006 wy US 62 / 180 Mile Mark	TRANS TRANS OUTHOR TRANS OU	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without DELIVERY DATE L FACILITY Phone No. If YES, was reading > 1	Incident to the disposal facility line and the disposal facili	sted below. IVER'S SIGNATURE NG AREA One) YES NO
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Transporter's Name Address Phone No. Transporter Ticket #	material(s) was/were picked DRIVER'S TAMP T: acility / NM1-006 wy US 62 / 180 Mile Mark	TRANS TRANS OF	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without DELIVERY DATE L FACILITY Phone No. If YES, was reading > 1 OTTOMS BS&W/B	Incident to the disposal facility line and the disposal facili	sted below. IVER'S SIGNATURE NG AREA One) YES NO
Transporter's Name Address Phone No. Transporter Ticket # Thereby certify that the above named SHIPMENT DATE TRUCK TIME ST IN: OUT Site Name/ Jermit No. Address OUT Address NORM READINI PASS THE PAINT FILE St Guage And Guage Transporter's NAME Address Feet St Guage And Guage	determination and a d ED AGENTS SIGNATURE SUPPLY SUPPLY SUPPLY Material(s) was/were picke DRIVER'S TAMP T: Cacility / NM1-006 Wy US 62 / 180 Mile Mark GS TAKEN? (Circle One) LTER TEST? (Circle One)	TRANS TRANS OUTPUT TRANS OUTPUT TRANS OUTPUT OU	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without DELIVERY DATE FACILITY Phone No. If YES, was reading > 1 DTTOMS BS&W/B	Incident to the disposal facility line and the disposal facili	sted below. IVER'S SIGNATURE NG AREA One) YES NO
Transporter's Name Address Phone No. Transporter Ticket # Thereby certify that the above named SHIPMENT DATE TRUCK TIME S' IN: OU' Site Name/ ermit No. Address NORM READINI PASS THE PAINT FI	determination and a d ED AGENTS SIGNATURE SUPPLY SUPPLY SUPPLY Material(s) was/were picke DRIVER'S TAMP T: Cacility / NM1-006 Wy US 62 / 180 Mile Mark GS TAKEN? (Circle One) LTER TEST? (Circle One)	TRANS TRANS OF	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without DELIVERY DATE L FACILITY Phone No. If YES, was reading > 1 DENIED DENIED If delivered If delivered DESIGNATIONS	Incident to the disposal facility line RECEIVI Name/No. 75-392-6368 BLS Received Free Water	sted below. IVER'S SIGNATURE NG AREA One) YES NO
Transporter's Name Address Phone No. Transporter Ticket #	determination and a d ED AGENTS SIGNATURE SUPPLY SUPPLY SUPPLY Material(s) was/were picke DRIVER'S TAMP T: Cacility / NM1-006 Wy US 62 / 180 Mile Mark GS TAKEN? (Circle One) LTER TEST? (Circle One)	TRANS TRANS OUTPUT TRANS OUTPUT TRANS OUTPUT OU	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without DELIVERY DATE FACILITY Phone No. If YES, was reading > 1 DTTOMS BS&W/B	Incident to the disposal facility line and the disposal facili	sted below. IVER'S SIGNATURE NG AREA One) YES NO

(PLEASE PRINT)

REQUIRED INFORMATION

Company Man Contact Information Name David Byrd Phone No.

			GEN	ERATOR	NO.	HIMEGEE
Generator Manife	oct#	70	Cital	Location of Origin	DILLEUX	TUPC 11H
				Lease/Well		00,011
Generator Nam	e			Name & No.	Trans.	
Address	-			County _	Eddy E. Co	27/0
City, State, Zip				API No Rig Name & No	30-015 6	1/60
Phone No.				AFE/PO No.		
(E/2) 2.157	E	XEMPT E&P Waste/Si	ervice Identification and Amou	nt (place volume next to was	te type in barrels or cubic	yards)
Oil Based Muds Oil Based Cutting	-		ON-INJECTABLE WATERS		OTHER EXEMPT E&P WA	ASTE STREAMS
Waste Based Mu	ids	V	Vashout Water (Non-Injectable) ompletion Fluid/Flow Back (Non-In	jectable)		
Water Based Cut Produced Format		P	roduced Water (Non-Injectable) athering Line Water/Waste (Non-I			
Tank Bottoms E&P Contaminate	ad Soil		NTERNAL USE ONLY	njectablej	TOP SOIL & CALICHE SAI	LES 6
Gas Plant Waste		Tr	ruck Washout (exempt waste)	YES NO	QUANTITY	TOP SOIL CALICHE
WASTE GENER	ATION PROCESS:	☐ DRILLING	COMPLETION	☐ PRODUCTIO	N GATHE	RING LINES
	in	And the second	NON-EXEMPT E&P Waste/	Service Identification and Amor	m	
Non-Exempt Othe		non-exempt E&P waste r	nust be analysed and be below thr			
					t from Non-Exempt Waste L	List on back
DISPOSAL QUAN	77.7.7		B - BARRELS	L - LIQUID	Y - YARDS	E - EACH
I hereby certify the	at the above listed many	aterial(s), is (are) not haz	zardous waste as defined by 40 CFI ng to applicable regulation.	R Part 261 or any applicable sta	te law. That each waste has b	een properly described, classified and
RCBA EXEN		Oil field wastes gene		and production operation and a	re not mixed with non-exempt	t waste (R360 Accepts certifications on
D DODA NON	LEVENADE	per load basis only)	for a second constitution of the second constitu			
RCRA NON	I-EXEMPI:	40 CFR 261.21-261.2	or listed hazardous waste as de	fined by 40 CFR, part 261, subpa	or waste hazardous by charact ort D, as amended. The followi	eristics established in RCRA regulations ing documentation demonstrating the
	1	waste as non-hazard MSDS Information	ous is attached. (Check the approp	riate items as provided) A Hazardous Waste Analysis	AND AND A STREET OF THE PARTY O	
☐ EMERGENIC	CY NON-OILFIELD					er (Provide Description Below) ocumentation of non-hazardous waste
Elvicilocive	OT NOIS-OIL ILLD	determination and a	description of the waste must acco	ompany this form)	t or rubiic safety (the order, do	ocumentation of non-nazardous waste
	(BRIDEN AUTHORIZES	D ACCINITE DICKIATURE				
	(PRINT) AUTHORIZEE	D AGENTS SIGNATURE		DATE	SIGNATUR	E
Transporter's	(PRINT) AUTHORIZED		TRANS	SPORTER	SIGNATUR	Ę.
Name	(PRINT) AUTHORIZED	D AGENTS SIGNATURE	Mex	SPORTER Driver's Name	signatur Michael P	Briza
Name Address Phone No.	Ser 1113 432	n Tex SW AVEC 209: 949	TRANS	SPORTER		30 cza
Name Address Phone No. Transporter Ticke	Ser 1113 432- 14 69660	SW AUFG	Mex Semiante Pr	Driver's Name Print Name Phone No. Truck No.	Michael P Michael P 432-209-	309 4709
Name Address Phone No. Transporter Ticke	Ser 1113 432- 14 69660	SW AUFG	Mex	Driver's Name Print Name Phone No. Truck No.	Michael P Michael P 432-209-	309 4709
Name Address Phone No. Transporter Ticke	Ser 1113 132- 133- 134 4 696600 1 the above named m	SW AUFC 209 949 07 naterial(s) was/were pict	TRANS Semiant TX Semiant TX ked up at the Generator's site lister Business	Driver's Name Print Name Phone No. Truck No. d above and delivered without i	Michael Wichael (432-209-	Scza 4709 Visted below.
Name Address Phone No. Transporter Ticke I hereby certify tha	at the above named m	SW AVEC 209 949 07 naterial(s) was/were pick	TRANS Seminal TX ked up at the Generator's site lister SIGNATURE	Driver's Name Print Name Phone No. Truck No. d above and delivered without i	Michael R Michael R 432-205- 30 ncident to the disposal facility	76 ZA 4509 Visted below.
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Name Address Phone No. Transporter Ticke I hereby certify tha SHIPMENT IN: Site Name/	at # 69600 at the above named must be the above named	SW PAYER 20 9 949 DRIVER AMP Cacility / NM1-006 Wy US 62/180 Mile Man	Ked up at the Generator's site lister BISPOSA Ker 66 Carlsbad, NM 88220	Driver's Name Print Name Phone No. Truck No. d above and delivered without i	Michael R 432-205- 30 ncident to the disposal facility RECEIV	76 ZA 4509 Visted below.
Name Address Phone No. Transporter Ticke I hereby certify tha SHIPMENT IN: Site Name/	at the above named management of the state o	DRIVER AMP Cacility / NM1-006 Wy US 62 / 180 Mile Mar SS TAKEN? (Circle One	Ked up at the Generator's site lister TRANS MEXICAL TRANS RESERVE TO TRANS RESER	Driver's Name Print Name Phone No. Truck No. d above and delivered without in DELIVERY DATE Phone No. 57	Michael R 432-205- 30 ncident to the disposal facility RECEIV	Fisted below. DRIVER'S SIGNATURE VING AREA
Name Address Phone No. Transporter Ticke I hereby certify tha SHIPMENT IN: Site Name/	at the above named management of the state o	SW PAYER 20 9 949 DRIVER AMP Cacility / NM1-006 Wy US 62/180 Mile Man	TRANS Seminal Trans Ked up at the Generator's site lister DISPOSA Ker 66 Carlsbad, NM 88220 SE NO YES NO YES NO	Driver's Name Print Name Print Name Phone No. Truck No. d above and delivered without in DELIVERY DATE AL FACILITY Phone No. If YES, was reading > 5	RECEIVINAME/No.	Fisted below. DRIVER'S SIGNATURE VING AREA
Name Address Phone No. Transporter Ticke I hereby certify tha SHIPMENT IN: Site Name/	T DATE TRUCK TIME ST. OUT Halfway Fa 6601 Hobbs Hw NORM READING ASS THE PAINT FILE	DRIVER AMP Cacility / NM1-006 Wy US 62 / 180 Mile Mar SS TAKEN? (Circle One	Ked up at the Generator's site lister School Park Red up at the Generator's site lister S SIGNATURE DISPOSA Red 66 Carlsbad, NM 88220 Red 19 YES NO TANK B	Driver's Name Print Name Phone No. Truck No. d above and delivered without in DELIVERY DATE Phone No. 57	RECEIVINAME/No.	Fisted below. DRIVER'S SIGNATURE VING AREA
Name Address Phone No. Transporter Ticke I hereby certify tha SHIPMENT IN: Site Name/	at the above named management of the state o	DRIVER AMP Cacility / NM1-006 Wy US 62 / 180 Mile Mar SS TAKEN? (Circle One	TRANS Seminal Trans Ked up at the Generator's site lister DISPOSA Ker 66 Carlsbad, NM 88220 SE NO YES NO YES NO	Driver's Name Print Name Print Name Phone No. Truck No. d above and delivered without in DELIVERY DATE AL FACILITY Phone No. If YES, was reading > 5	RECEIVE Name/No	Pristed below. ORIVER'S SIGNATURE VING AREA One) YES NO
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Name Address Phone No. Transporter Ticke I hereby certify tha SHIPMENT IN: IN: Site Name/ ermit No. Address PA Tansporter Ticke I hereby certify tha The second of the	T DATE TRUCK TIME ST. OUT Halfway Fa 6001 Hobbs Hw NORM READING ASS THE PAINT FILE Feet	naterial(s) was/were pick DRIVER AMP Cacility / NM1-006 Wy US 62/180 Mile Mar GS TAKEN? (Circle One TER TEST? (Circle One	TRANS Seminal Trans Red up at the Generator's site lister SIGNATURE DISPOSA Rever 66 Carlsbad, NM 88220 PES NO TANK B Inches PER ACCEPTED DATE	Driver's Name Print Name Print Name Phone No. Truck No. d above and delivered without in DELIVERY DATE AL FACILITY Phone No. If YES, was reading > 5 BOTTOMS BS&W/BB To DENIED DENIED DIVIDENTATE This is a second of the s	RECEIVED TO THE WAY TO THE WAY	Isted below, ORIVER'S SIGNATURE /ING AREA One) YES NO BS&W (%)
Name Address Phone No. Transporter Ticke I hereby certify that SHIPMENT IN: Site Name/ ermit No. Address PA STATE OF THE	T DATE TRUCK TIME ST. OUT Halfway Fa 6601 Hobbs Hw NORM READING ASS THE PAINT FILL Feet	DRIVER AMP Cacility / NM1-006 Wy US 62 / 180 Mile Mar GS TAKEN? (Circle One TER TEST? (Circle One	TRANS Seminal Trans Red up at the Generator's site lister SIGNATURE DISPOSA Rever 66 Carlsbad, NM 88220 PES NO TANK B Inches PER ACCEPTED DATE	Driver's Name Print Name Print Name Phone No. Truck No. d above and delivered without in DELIVERY DATE AL FACILITY Phone No. If YES, was reading > 5 BOTTOMS BS&W/BB To DENIED DENIED DENIED DIVIDENTATE BY BY BY BY BY BY BY BY BY B	RECEIVED TO THE WAY TO THE WAY	Isted below. DRIVER'S SIGNATURE /ING AREA One) YES NO BS&W (%)

Released to Imaging: 2/6/2025 9:43:22/AM

NEW MEXICO NON-HAZARDOUS OILFEILD WASTE MANIFEST (PLEASE PRINT)

Company	Man Conta	ct Information
	Name_	NEE

	CE	NEDATOR	NO AD	
Generator Manifest #:	GEI	NERATOR	DI NO. AD.	0014942
Generator Mannest#:	-	Location of Origin Lease/Well	110	1 11
Generator Name		Name & No.	CVX-JV,PC	FIIH
Address		County	4/1681	
		API No.	30-015-189	Mex
City, State, Zip		Rig Name & No.	035155832	
Phone No.		AFE/PO No.	MAR 210164/1	13
EXEMPT E&P V	Vaste/Service Identification and Amo	unt (place volume next to w	aste type in barrels or cubic yard	is)
Oil Based Muds	NON-INJECTABLE WATERS		OTHER EXEMPT E&P WASTE STREAM	
Oil Based Cuttings Water Based Muds	Washout Water (Non-Injectable) Completion Fluid/Flow back (Non-Injectable)	etable)		
Water Based Cuttings	Produced Water (Non-Injectable)	ctable)		
Produced Formation Solids Fank Bottoms	Gathering Line Water/Waste (Non-Inje INTERNAL USE ONLY	ectable)	TOP SOIL & CALICHE SALES	
E&P Contaminated Soil		VEC NO		TORSON
Sas Plant Waste	Truck Washout (exempt waste)	YES NO	QUANTITY	TOP SOIL CALICHE
VASTE GENERATION PROCESS:	DRILLING CO	OMPLETION	PRODUCTION	GATHERING LINES
All non-exempt E&P	NON-EXEMPT E&P Waste P waste must be analysed and be below the		ount LP), Ignitability, Corrosivity and Reacti om Non-Exempt Waste List on back	vity.
DISPOSAL QUANTITY	B - BARRELS	L - LIQUID	21) (Y-YARDS	E - EACH
nereby certify that according to the Resource Cons		-	7 -	
CFR 261.21-261	which is non-hazardous that does not exce 1.24, or listed hazardous waste as defined b is attached. (Check the appropriate items	by 40 CFR, part 261, subpart D, a		AND THE PERSON OF A PUBLISHED STATE OF A PRINT OF A PARTY OF A PAR
MSDS Information MSDS I	tion RCRA Hazardous Was	ste Analysis	Other (Provide Description Below) of Public Safety (the order, documents)	ation of non-hazardous waste
MSDS Information MSDS I	n-hazradous, non-oilfeild waste that has be and a desciption of the waste must accomp	een ordered by the Department of pany this form)	of Public Safety (the order, document	ation of non-hazardous waste
MSDS Informat EMERGENCY NON-OILFEILD: Emergency non determination a	n-hazradous, non-oilfeild waste that has be and a desciption of the waste must accomp	een ordered by the Department of pany this form)	of Public Safety (the order, document	
EMERGENCY NON-OILFEILD: Emergency non determination :	n-hazradous, non-oilfeild waste that has be and a desciption of the waste must accomp	een ordered by the Department of pany this form)	of Public Safety (the order, document	
EMERGENCY NON-OILFEILD: Emergency non determination : (PRINT) AUTHORIZED AGENTS NAME ansporter's ansporter's	n-hazradous, non-oilfeild waste that has be and a desciption of the waste must accomp	ten ordered by the Department of pany this form) DATE NSPORTER	of Public Safety (the order, document	
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EMERGENCY NON-OILFEILD: Emergency non determination : (PRINT) AUTHORIZED AGENTS NAME ansporter's TCX ansporter is an end did ress an end did	n-hazradous, non-oilfeild waste that has be and a desciption of the waste must accomp	ten ordered by the Department of pany this form) DATE NSPORTER Driver's Name Print Name Phone No. Truck No.	of Public Safety (the order, documents	1472001/
EMERGENCY NON-OILFEILD: Emergency non determination of de	TRAN	cen ordered by the Department of pany this form) DATE NSPORTER Driver's Name Print Name Phone No. Truck No. sted above and delivered without	Fublic Safety (the order, documents) SIGNA	ATURE 1-17-12-01 1-17-12-19 d below. DRIVER'S SIGNATURE
MSDS Information of the determination of the determ	TRAN	cen ordered by the Department of pany this form) DATE NSPORTER Driver's Name Print Name Phone No. Truck No. sted above and delivered without	Fublic Safety (the order, documents) SIGNA	1/1/2/2/1
EMERGENCY NON-OILFEILD: Emergency non determination : (PRINT) AUTHORIZED AGENTS NAME ansporter's SCOTT CX ansporter's Idress ione No. Sansporter Ticket # ereby certify that the above named material(s) was shipment date TRUCK TIME STAME	TRAN	cen ordered by the Department of pany this form) DATE NSPORTER Driver's Name Print Name Phone No. Truck No. sted above and delivered without	Fublic Safety (the order, documents) SIGNA	ATURE 1-17-12-01 1-17-12-19 d below. DRIVER'S SIGNATURE
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EMERGENCY NON-OILFEILD: Emergency non determination : (PRINT) AUTHORIZED AGENTS NAME ansporter's	TRANS TR	cen ordered by the Department of pany this form) DATE NSPORTER Driver's Name Print Name Phone No. Truck No. sted above and delivered without	of Public Safety (the order, documents sign.	ATURE 1-17-10-01 1-17-10-10-19 d below. DRIVER'S SIGNATURE
EMERGENCY NON-OILFEILD: Emergency non determination : (PRINT) AUTHORIZED AGENTS NAME ansporter's ime didress one No. ansporter Ticket # ereby certify that the above named material(s) was shipment date TRUCK TIME STAME OUT: e Name/ rmit No. dress Antelope Draw Facility 476 Battle Axe Rd Jal, NM 8	TRAN	DATE NSPORTER Driver's Name Print Name Phone No. Truck No. Sted above and delivered without DELIVER SAL FACILITY	of Public Safety (the order, documents SIGN. SIGN. A LIBERT AND THE RECEIVITY Name/No.	ATURE 1-17-12-01 1-17-12-19 d below. DRIVER'S SIGNATURE
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EMERGENCY NON-OILFEILD: Emergency non determination of de	TRANS TR	DATE NSPORTER Driver's Name Print Name Phone No. Truck No. Sted above and delivered without DELIVER Phone No. If YES, was reading NO	The Public Safety (the order, documents sign. SIGN. SIGN. A Public Safety (the order, documents sign.) SIGN. SIGN. SIGN. SIGN. SIGN. SIGN. SIGN. SIGN. SIGN. SIGN. SIGN. SIGN. SIGN. SIGN. SIGN. SIGN. SIGN. SIGN. SIGN. SIGN	d below. DRIVER'S SIGNATURE NG AREA
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EMERGENCY NON-OILFEILD: Emergency non determination of de	TRANS TR	DATE NSPORTER Driver's Name Print Name Phone No. Truck No. sted above and delivered without DELIVER SAL FACILITY Phone No. If YES, was reading NO. BOTTOMS	The Public Safety (the order, documents of Safety (the order)) of Safety (the order) of Saf	ATURE
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EMERGENCY NON-OILFEILD: Emergency non determination of de	TRAN	DATE NSPORTER Driver's Name Print Name Phone No. Truck No. sted above and delivered without DELIVER SAL FACILITY Phone No. If YES, was reading NO. BOTTOMS	The Public Safety (the order, documents of Safety (the order)) of Safety (the order) of Saf	ATURE
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EMERGENCY NON-OILFEILD: Emergency non determination : (PRINT) AUTHORIZED AGENTS NAME Transporter's ame ddress Anone No. Transporter Ticket # TRUCK TIME STAME TRUCK TIME STAME Antelope Draw Facility Tet Name/ Permit No. 476 Battle Axe Rd., Jal, NM 8 NORM READINGS TAKEN? (Circle One PASS THE PAINT FILTER TEST? (Circle One PASS THE PAINT FILTER TEST? (Circle One PASS THE PAINT FILTER TEST? (Circle One Pass The Paint the above load material has be received.	TRANS In-hazradous, non-oilfeild waste that has becand a desciption of the waste must accomplished and a desciption of the wa	DATE NSPORTER Driver's Name Print Name Phone No. Truck No. sted above and delivered without DELIVER SAL FACILITY Phone No. If YES, was reading NO. BOTTOMS	Free Water Fublic Safety (the order, documents of Public Safety (the order, documents of Public Safety (the order, documents of Public Safety (the order, documents of Safety (the order of Safety	ATURE
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EMERGENCY NON-OILFEILD: Emergency non determination is grainsporter's ame ddress hone No. Transporter Ticket # TRUCK TIME STAME TRUCK TIME STAME Antelope Draw Facility Tet Name/ Permit No. Eddress Antelope Draw Facility Antelope Draw Facility TRUCK TIME STAME Norm READINGS TAKEN? (Circle One PASS THE PAINT FILTER TEST? (Circle One Pass The Paint Filter Test?) Thereby certify that the above load material has be a circled to the pass of th	TRAN TRAN TRAN TRAN TRAN TRAN TRAN DRIVER'S SIGNATURE P Permit # 88252 e) YES NO YES TANK Inches DATE	DENIED If denied, why?	The Public Safety (the order, documents sign. Sign. It incident to the disposal facility lister at incident to the disposal facility lister at part of the public sign. RECEIVIT Name/No. 575-236-1734 The public Safety (the order, documents sign.) RECEIVIT Name/No. S75-236-1734 The public Safety (the order, documents sign.) RECEIVIT Name/No. S75-236-1734	d below. DRIVER'S SIGNATURE YES NO BS&W (%)

Company	Man Conta	ct Informa	ation
Name	KEN!	+ MC	12

SS ENVIRONMENTAL SOLUTIONS		(PLEA	SE PRINT)	*REQUIRED	INFORMATIO	N*	e No	
Generator Manifest #	XTO	GENI	ERATOR Location of C	Origin	PLU	NO. HV	V- 68	2252
Generator Name Address			Lease/Well Name & No. County		-VX	V /3	# 11	4
City, State, Zip Phone No.			API No. Rig Name & AFE/PO No.	No	30-01 23615 1-11124	5-1.9 58321 0164	168	
		Service Identification and Amoun	it (place volume n	ext to waste t				
Oil Based Muds Oil Based Cuttings		NON-INJECTABLE WATERS Washout Water (Non-Injectable)			OTHER EXEMP	LE&P WASTE S	TREAMS	
Waste Based Muds Water Based Cuttings		Completion Fluid/Flow Back (Non-Inj	ectable)					
Produced Formation Solids		Produced Water (Non-Injectable) Sathering Line Water/Waste (Non-In	niectable)					
Tank Bottoms E&P Contaminated Soil		NTERNAL USE ONLY	ijootable/		TOP SOIL & CAL	ICHE SALES		
Gas Plant Waste		ruck Washout (exempt waste)	YES (NO)	QUANTITY		TOP SOIL	CALICHE
WASTE GENERATION PROCESS	: DRILLING	COMPLETION	☐ PR	ODUCTION		GATHERING L	INES	
A	II non-exempt E&P waste	NON-EXEMPT E&P Waste/s must be analysed and be below three	Service Identification eshold limits for toxi	n and Amount city (TCLP), Igni	tability, Corrosiv	ty adn Reactivity	ı	
Non-Exempt Other			*ple	ase select fro	m Non-Exempt	Waste List on	back	
DISPOSAL QUANTITY		B - BARRELS	L - LIQUID	20	Y-YARDS		E-E	ACH
I hereby certify that the above listed packaged, and is in proper condition RCRA EXEMPT: RCRA NON-EXEMPT:	Oil field wastes gen per load basis only) Oil field waste whic 40 CFR 261.21-261.2	ng to applicable regulation. erated from oil and gas exploration h is non-hazardous that does not ex 24, or listed hazardous waste as def dous is attached. (Check the appropr	and production oper ceed the minimum s ined by 40 CFR, part	ation and are n tandards for wa 261, subpart D ed)	ot mixed with no	n-exempt waste y characteristics e following docu	(R360 Accepts	certifications on a RCRA regulations, nonstrating the
■ EMERGENCY NON-OILFIELD	Emergency non-haza determination and a	ardous, non-oilfield waste that has b description of the waste must acco	een ordered by the	Department of I	Public Safety (the	order, documen	tation of non-l	nazardous waste
(PRINT) AUTHOR	ZED AGENTS SIGNATURE		The territory					
(FAINT) AUTHOR	ZED AGENTS SIGNALORE		PORTER			SIGNATURE		
Transporter's	on Tex	177PV	One of the late		111	+ 140	1000	1
Name	in lex	FILEV	Driver's Name Print Name		1/5/10	F 17 (2	121661	
The state of the s	32-209	4231)	Phone No.					
Transporter Ticket #			Truck No.		341	3/1/1/	dum	
I hereby certify that the above named	d material(s) was/were pic	ked up at the Generator's site listed		d without incide	ent to the dispos	al facility listed	pelow.	
SHIPMENT DATE		R'S SIGNATURE	11-22	-24	1/1	the to	Yau-	
TRUCK TIME S			DELIVER			RECEIVING	SIGNATURE	
The same of the same	IAIVIF	IIISEUSA				BELEIVINIE	AREA	
IN: OL	JT:	_	L FACILITY		lame/No	TILCEIVING .		
Site Name/ ermit No. Halfway	Facility / NM1-006	rker 66 Carlsbad, NM 88220	Phone No.	V		TECEIVING.		-
We remit No. Address NORM READIN PASS THE PAINT F	Facility / NM1-006	rker 66 Carlsbad, NM 88220 e) YES NO	Phone No.	<u>575-3</u>	lame/No		YES	NO
Wermit No. Address NORM READIN	Facility / NM1-006 Hwy US 62/180 Mile Ma NGS TAKEN? (Circle Ond	rker 66 Carlsbad, NM 88220 e) YES NO e) YES NO	Phone No. If YES, was re	<u>575-3</u>	lame/No 92-6368			NO
Wermit No. Address NORM READIN	Facility / NM1-006 Hwy US 62/180 Mile Ma NGS TAKEN? (Circle Ond	rker 66 Carlsbad, NM 88220 e) YES NO e) YES NO	Phone No. If YES, was re		lame/No 92-6368 cro roentgents		YES	NO
Site Name/ Permit No. 6601 Hobbs I NORM READIN PASS THE PAINT F Feet	Facility / NM1-006 Hwy US 62/180 Mile Ma NGS TAKEN? (Circle Ond	rker 66 Carlsbad, NM 88220 e) YES NO e) YES NO TANK B	Phone No. If YES, was re	575-3 ading > 50 mi	g2-6368 icro roentgents			NO NO
Wermit No. Address NORM READIN	Facility / NM1-006 Hwy US 62/180 Mile Ma NGS TAKEN? (Circle Ond	rker 66 Carlsbad, NM 88220 e) YES NO e) YES NO TANK B	Phone No. If YES, was re	575-3 ading > 50 mi	lame/No 92-6368 cro roentgents		YES	NO
Site Name/ ermit No. Address NORM READIN PASS THE PAINT F Feet Ind Guage Checeived Thereby certify that the above load many services are serviced.	Facility / NM1-006 Hwy US 62 / 180 Mile Mai NGS TAKEN? (Circle One FILTER TEST? (Circle One	rker 66 Carlsbad, NM 88220 e) YES NO TANK B Inches e): ACCEPTED	Phone No. If YES, was re OTTOMS E DENIED	ading > 50 mi	92-6368 cro roentgents Beceived e Water Beceived Beceived		YES	NO
Site Name/ Permit No. Address MORM READIN PASS THE PAINT F Feet Ind Guage	Facility / NM1-006 Hwy US 62 / 180 Mile Mai NGS TAKEN? (Circle One FILTER TEST? (Circle One	rker 66 Carlsbad, NM 88220 e) YES NO e) YES NO TANK B	Phone No. If YES, was re OTTOMS	ading > 50 mi	92-6368 cro roentgents Beceived e Water Beceived Beceived	? (Circle One)	YES	NO

Released to Imaging: 2/6/2025 9:43:22 AM

Company	Man Contact Inf	ormation
Name	LICAT	1612

SOLUTIONS SOLUTIONS	(PLE)	ASE PRINT) *REQUIRED	INFORMATION* Pho	meCCA+ CCA+
Generator Manifest #X TO Generator Name Address City, State, Zip Phone No.	GEN	Location of Origin Lease/Well Name & No. County API No. Rig Name & No. AFE/PO No.	NO.H) (eddy For 2015-2 (c. 1139821	N- 70064167
Oil Based Muds Oil Based Cuttings Water Based Muds Water Based Cuttings Produced Formation Solids Tank Bottoms E&P Contaminated Soil Gas Plant Waste WASTE GENERATION PROCESS:	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 Truck Washout (exempt waste) DRILLING COMPLETION	unt (place volume next to waste	TOP SOIL & CALICHE SALES QUANTITY GATHERING	TOP SOIL CALICHE
All non-exe		e/Service Identification and Amount hreshold limits for toxicity (TCLP), Ign		rity.
DISPOSAL QUANTITY	B - BARRELS	L-LIQUID	LO Y-YARDS	E - EACH
RCRA NON-EXEMPT: Oil 40 40 40 40 40 40 40 40 40 40 40 40 40 4	ergency non-hazardous, non-oilfield waste that has ermination and a description of the waste must ac	lefined by 40 CFR, part 261, subpart E opriate items as provided) RA Hazardous Waste Analysis s been ordered by the Department of	D, as amended. The following do	ocumentation demonstrating the ovide Description Below) nentation of non-hazardous waste
Phone No. Transporter Ticket #	(s) was/were picked up at the Generator's site list	Phone No	29645 Jent to the disposal facility liste	
TRUCK TIME STAMP IN:OUT: Site Name/	DISPOS	AL FACILITY	RECEIVING Name/No	
Address 6601 Hobbs Hwy US 6 NORM READINGS TAK PASS THE PAINT FILTER TE	2 / 180 Mile Marker 66 Carlsbad, NM 88220 EN? (Circle One) YES NO	Armatica	392-6368 nicro roentgents? (Circle One	e) YES NO
Feet Feet		BOTTOMS		
Sst Guage Feet Ond Guage Beceived	Inches		Received ee Water Received	BS&W (%)
NAME (PRINT) 138 Onc@northstarforms.com (877)499-0492	s been (circle one): ACCEPTED DATE hite - R360 ORIGINAL Yellow- TRANSPORTER	DENIED If denied TITLE R COPY Pink-GENERATOR SITE	SIC	GNATURE SOURCE S

(PLEASE PRINT)

REQUIRED INFORMATION

Company	Man Contact	Information
Name	Kent	Vet2

S					Thorie No	
Page		GENI	ERATOR		NO.HW- 7	8677
Generator Manifest #			Location of Origin Lease/Well	I'co ci	JA OVE T	1117
Generator Name			Name & No.	Eddy		
Address			County	JA 1001:	1411240164	1673
City, State, Zip			API No. Rig Name & No.	CC: 1130		
Phone No.			AFE/PO No.			
		vice Identification and Amoun	t (place volume next to wa			
Oil Based Muds Oil Based Cuttings	The same of the sa	N-INJECTABLE WATERS ashout Water (Non-Injectable)		OTHER EXEM	PT E&P WASTE STREAMS	
Water Based Muds Water Based Cuttings	Con	mpletion Fluid/Flow Back (Non-Inj duced Water (Non-Injectable)	ectable)		Belly	
Produced Formation Solids Tank Bottoms	Ga	thering Line Water/Waste (Non-In	jectable)	_		
E&P Contaminated Soil Gas Plant Waste	- Committee	ERNAL USE ONLY ck Washout (exempt waste)	YES (NO)	TOP SOIL & CA	ALICHE SALES TOP SOIL	CALICHE
WASTE GENERATION PROCESS:	DRILLING	COMPLETION	PRODUCTION		GATHERING LINES	CALIGNE
		NON-EXEMPT E&P Waste/	Service Identification and Ame	ount		
Non-Exempt Other	non-exempt E&P waste m	ust be analysed and be below thre	eshold limits for toxicity (TCLP), Ignitability, Corrosi		
					ot Waste List on back	
DISPOSAL QUANTITY		- BARRELS	L - LIQUID	Y-YARDS		ACH
I hereby certify that the above listed repackaged, and is in proper condition to	naterial(s), is (are) not haza or transportation according	rdous waste as defined by 40 CFF to applicable regulation.	Part 261 or any applicable st	ate law. That each w	raste has been properly describe	ed, classified and
RCRA EXEMPT:	Oil field wastes gener per load basis only)	ated from oil and gas exploration	and production operation and	are not mixed with n	non-exempt waste (R360 Accept	s certifications on a
RCRA NON-EXEMPT:	Oil field waste which i	s non-hazardous that does not ex	ceed the minimum standards	for waste hazardous	by characteristics established in	n RCRA regulations,
*	40 CFR 261.21-261.24 waste as non-hazardo	or listed hazardous waste as def us is attached. (Check the approp	ned by 40 CFR, part 261, subprinted items as provided)	oart D, as amended. T	The following documentation de	monstrating the
	MSDS Information		Hazardous Waste Analysis		Other (Provide Description	n Below)
☐ EMERGENCY NON-DILFIELD	Emergency non-hazard determination and a d	lous, non-oilfield waste that has be escription of the waste must acco	een ordered by the Departme	nt of Public Safety (th	ne order, documentation of non-	hazardous waste
(PRINT) AUTHORIZ	ED AGENTS SIGNATURE		POPTED		SIGNATURE	
Transporter's Name	Sen Ter	Me	PORTER	lien	in 1 les	
Address	Jem Icy	///	Driver's Name Print Name	770	ran Itines	
Phone No.	432) 204	-4230	Phone No.	260		
Transporter Ticket # I hereby certify that the above named	materialle) was Avere nicks	ad un atithe Congretor's site lister	Truck No		o 45	
11/22/24	ale	11	1/22 D	4	Craw Fu	-
SHIPMENT DATE	DRIVER'S	SIGNATURE	DELIVERY DATE		DRIVER'S SIGNATURE	
TRUCK TIME S		DISPUSA	L FACILITY	N OI	RECEIVING AREA	
IN:OU	14			Name/No	10	
	acility / NM1-006		Phone No. 5	75-392-6368		
Address 6601 Hobbs H	wy US 62 / 180 Mile Mark	er 66 Carlsbad, NM 88220				
ALTO STREET, S	GS TAKEN? (Circle One)	YES NO	If YES, was reading >	50 micro roentgent	s? (Circle One) YES	NO
PASS THE PAINT FI	LTER TEST? (Circle One)	YES NO	0=0110			
700 Feet Feet		IANK B	OTTOMS			
Sst Guage			BS&W/B	BLS Received	BS&W (%)	
2nd Guage Beceived			T	Free Water otal Received		
ereby certify that the above load ma	terial has been (circle one)	ACGEPTED				
	tenar nas been (circle one)	11.22-24	I I I I I I I I I I I I I I I I I I I	enied, why?		
NAME (PRINT)		DATE	TITLE	7	SIGNATURE	
5-138 Conc@northstarforms.com (877)499-0492	White - R360 ORIGIN	IAL Yellow- TRANSPORTER C	OPY Pink- GENERATOR	SIFE COPY Gold	- RETURN TO GENERATOR	R360-5240LE rev 08/23
to the state of th					308	1300-3240LE TEV 00/23

Company Man Contact Information

SOLUTIONS ENVIRONMENTAL		(PLEAS	E PRINT) *F	REQUIRED IN	FORMATION*	hone No	
SOLUTIONS		GENE	RATOR		NO.	W7 70	2670
Generator Manifest #			Location of Or Lease/Well	rigin <u>VL</u>	U CVX 3	1 1 C. H	TH
Generator Name			Name & No.	<u> 4</u>	ddy		
Address			County API No.	- 1	1 - U15 - 69	768 41	673
City, State, Zip			Rig Name & N	No.	4 113 982		
Phone No.	XEMPT E&P Waste/Service Id	ontification and Amount	AFE/PO No.	ut to wests his	o in bounds as subjects	ed a	1
Oil Based Muds	NON-INJE	CTABLE WATERS	(place volume nex		THER EXEMPT E&P WAS		
Oil Based Cuttings Water Based Muds	Completion	Vater (Non-Injectable) Fluid/Flow Back (Non-Inje	ctable)	= 0	0-11		
Water Based Cuttings Produced Formation Solids	Produced V Gathering I	Vater (Non-Injectable) .ine Water/Waste (Non-Inj	ectable)		Dell.	1 -	
Tank Bottoms E&P Contaminated Soil	INTERNAL	NAME AND ADDRESS OF THE OWNER, WHEN PERSON NAMED IN			OP SOIL & CALICHE SALE		
Gas Plant Waste WASTE GENERATION PROCESS:	DRILLING	nout (exempt waste) COMPLETION	YES PRO	DDUCTION	QUANTITY GATHERII	TOP SOIL	CALICHE
		ON-EXEMPT E&P Waste/S		A CONTRACTOR OF THE PARTY OF TH	GATTENII	NG EINES	
Non-Exempt Other	non-exempt E&P waste must be a	nalysed and be below three	shold limits for toxici	ity (TCLP), Ignital	oility, Corrosivity adn Read Non-Exempt Waste Lis		
DISPOSAL QUANTITY	B - BARR	FLS	L-LIQUID	20	Y - YARDS	E - EA	ru
I hereby certify that the above listed m	aterial(s), is (are) not hazardous w	aste as defined by 40 CFR		_			1
packaged, and is in proper condition for RCRA EXEMPT:	or transportation according to appl Oil field wastes generated from	icable regulation.					
RCRA NON-EXEMPT:	per load basis only) Oil field waste which is non-hi	azardous that does not exc	eed the minimum sta	andards for wast	e hazardous by character	stics established in I	BCRA requirement
	40 CFR 261.21-261.24, or liste waste as non-hazardous is att	d hazardous waste as defir	ned by 40 CFR, part 2	261, subpart D, as	s amended. The following	documentation dem	ionstrating the
(MSDS Information	RCRA	Hazardous Waste An	nalysis		Provide Description	Contract of the Contract of th
■ EMERGENCY NON-DILFIELD	Emergency non-hazardous, no determination and a description	n-oilfield waste that has be on of the waste must accor	een ordered by the Do npany this form)	epartment of Pub	olic Safety (the order, doc	umentation of non-ha	azardous waste
(DOINT) AUTUADIZE	D AGENTS SIGNATURE		-				
(FRINT) AO MONIZEI	A AGENTS SIGNATURE		PORTER		SIGNATURE		
Transporter's Name	5 m Tex 1	Nex	Driver's Name		Adr	in The	la.
Address Phone No.	4321 209 -	4730	Print Name		P.d.C.	n 14 nes	
Transporter Ticket #	1,0,20,0	1230	Phone No. Truck No.		29 4045	5	
I hereby certify that the above named n	naterial(s) was/were picked up at		above and delivered		to the disposal facility lis	sted below.	
SHIPMENT DATE	DRIVER'S SIGNATU	RE	DELIVERY	2/24 DATE	DRI	VER'S SIGNATURE	
TRUCK TIME ST	AMP	DISPOSAI	FACILITY		RECEIVII	NG AREA _	200
IN:OUT	!			Na	me/No		
	ncility / NIVI1-006		Phone No.	575-392	-6368		
Address 6601 Hobbs Hv	vy US 62 / 180 Mile Marker 66 Ca	rlsbad, NM 88220					
10.10 (10.00 (1	S TAKEN? (Circle One) YES		If YES, was rea	iding > 50 micro	o roentgents? (Circle O	ne) YES	NO
8 FASS THE FAINT FIL	TER TEST? (Circle One) YE		TTOME				
COC Feet Feet	Inches	TANK BO					
2nd Guage			BS	S&W/BBLS Red Free V		BS&W (%)	
Beceived				Total Rec			
ereby certify that the above load mate	erial has been (circle one):	ACCEPTED	DENIED	If denied, w	hy?	MOL	
NAME (PRINT)		DATE	1		In / inclos	VVI M	
· · · · · · · · · · · · · · · · · · ·		UATE	TITLE			SIGNATURE	
NAME (PRINT) 138 onc@northstarforms.com (877)499-0492	White - R360 ORIGINAL	Yellow- TRANSPORTER CO		ERATOR SITE COR	PY Gold- RETURN TO	GENERATOR	60-5240LE rev 08/23

(PLEASE PRINT)

REQUIRED INFORMATION

Company Man Contact Information Phone No.

Lease/Well Address Country AP No. Country AP No. AFPO No. AFP	Contractor Name	o la				
County C	Generator Name Address County April No. CP, State, Zip Rig Name & No. AFEPT	XYU	GENE	RATOR	NO. H\	N- 718207
County API No.	County AP No. AP	Generator Manifest #			21/2/11/2	nc. III
City, State, 7, p AP No.	City, State, Zip Pinne No. AP No.	Generator Name			LUCIX) V	PC HILH
### PRON NO. SEMENT SER Wisster/Service Issentification and Amount (place volume nact to wester by an internit or cabb: yeards) OB Board Made OB Board Made OB Board Made OB Board Made Where Based Cutnings Produced Formation Solids Produced Formation	### AFFO No. #### AFFO No. ###################################	Address		THE PARTY AND TH	Pi:30-015-6	9768
SEMPT ESP Wister-Service Identification and Amount (place volume next to waste type in borrels or cubb yards)	Disposed Musto Commons Disposed Musto Disposed Continues Disposed Dispo	City, State, Zip			Cident DAPP	2901691673
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Produced Formation Solids Gambering Line Water/Waster (Nor-Injectable) Top Solit & CAUCHE Top Solit & CAUC	Continued South Continued	Water Based Muds Con	npletion Fluid/Flow Back (Non-Injer	ctable)	/3	
REP CONTAINMENT SOURCE No.	REP CONTAINANCE SOIL Sear Plant Wasts Truck Washout (except waste) YES NO QUANTITY TOP SOIL CALLCHE WASTE GENERATION PROCESS ORILLINS COMPLETION PRODUCTION GATHERING LINES	Produced Formation Solids Gat	hering Line Water/Waste (Non-Inje	ectable)		HUCK
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All non-exempt. ERP waste must be analyzed and be below threshold limits for toxicity TICEI, principality, Corresivity and Reactivity. Non-Exempt Other Please select from Non-Exempt Waste List on back	All non-exempt Chlor Page 2017 All non-exempt Chlor Page 2017 All Non-Exempt Chlor Page 2017 All Chlor Page 2017 Page					
Non-Exempt Other	Non-Exempt Other	All pap avament EVB waste mu	NON-EXEMPT E&P Waste/Se	ervice Identification and Amount	isability Committee and Donath	AL
hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CRP Part 281 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation. RCRA NON-EXEMPT:	hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation. RCRA NON-EXEMPT:		st de analysed and de delow thres			
PRICE DESCRIPTION Coll field wastes spenared from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only) Coll field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CR7 861-21-261, 21-261,	RCRA NON-EXEMPT:	DISPOSAL QUANTITY B	- BARRELS	L - LIQUID	Y-YARDS / 3	E - EACH
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NAME (PRINT) DATE TITLE SIGNATURE		NAME (PRINT)	DATE	TITLE	s	IGNATURE

(PLEASE PRINT)

REQUIRED INFORMATION

Company Man Contact Information Phone No.

Generator Manifest # Location of Origin Lease/Well Name & No. Address County Process API No. City, State, Zip Rig Name & No. EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards) Oil Based Muds Oil Based Cuttings Waster Based Muds Waster Based Cuttings Produced Formation Solids Gathering Line Water/Waste (Non-Injectable) Completion Fluid/Flow Back (Non-Injectable) Truck Waster Completion Solids Gathering Line Water/Waste (Non-Injectable) Truck Waster Waster (Non-Injectable) Cathering Line Water/Waster (N						
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NUN-EXEMPT EXP Waste/Service Identification and Amount All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity adn Reactivity.						
Non-Exempt Other*please select from Non-Exempt Waste List on back						
DISPOSAL QUANTITY B - BARRELS L - LIQUID YARDS F - EACH						
hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and ackaged, and is in proper condition for transportation according to applicable regulation.						
RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)						
RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the						
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waste as non-hazardous is attached. (Check the appropriate items as provided) MSDS Information RCRA Hazardous Waste Analysis Other (Provide Description Below)						
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Waste as non-hazardous is attached. (Check the appropriate items as provided) MSDS Information RCRA Hazardous Waste Analysis Other (Provide Description Below) Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form) CPRINTY AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE						
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waste as non-hazardous is attached. (Check the appropriate items as provided) MSDS Information RCRA Hazardous Waste Analysis Other (Provide Description Below) EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste must accompany this form) EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste must accompany this form) TRANSPORTER						
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MSDS Information MSDS Inform						
waste as non-hazardous is attached. (Check the appropriate items as provided) MSDS Information RCRA Hazardous Waste Analysis Other (Provide Description Below)						

(PLEASE PRINT)

REQUIRED INFORMATION

Company Man Contact Information
Name Kept Retz

SOLD HOUSE					none No
Generator Manifest #	XTO	GENE	ERATOR Location of Origin	NO.	IW- 717080
Generator Name			Lease/Well Name & No.	LUCUXJ	VPC 11 H
Address			County D3	0-015-69	768
City, State, Zip			Rig Name & No.	40164167	3
Phone No.	VENADT ER DAN - 1 (C		AFE/PO No.	39821001	
Oil Based Muds		vice Identification and Amoun N-INJECTABLE WATERS	t (place volume next to waste	type in barrels or cubic ya OTHER EXEMPT E&P WAS	
Oil Based Cuttings Water Based Muds	Wa	shout Water (Non-Injectable) npletion Fluid/Flow Back (Non-Inje	ectable)		
Water Based Cuttings Produced Formation Solids	Pro	duced Water (Non-Injectable) thering Line Water/Waste (Non-In		Belly D	omp
Tank Bottoms E&P Contaminated Soil	20 IN	ERNAL USE ONLY	ostable)	TOP SOIL & CALICHE SALE	
Gas Plant Waste WASTE GENERATION PROCESS:		ck Washout (exempt waste)	YES NO	QUANTITY	TOP SOIL CALICHE
WASTE GENERATION PROCESS:	DRILLING	COMPLETION	PRODUCTION		NG LINES
	non-exempt E&P waste m	NON-EXEMPT E&P Waste/S ust be analysed and be below thre	Service Identification and Amount shold limits for toxicity (TCLP), Ig	nitability, Corrosivity adn Rea	ctivity.
Non-Exempt Other			*please select f	rom Non-Exempt Waste Lis	st on back
DISPOSAL QUANTITY		- BARRELS		20 Y-YARDS	E - EACH
I hereby certify that the above listed in packaged, and is in proper condition for RCRA EXEMPT:	or transportation according	to applicable regulation.			en properly described, classified and waste (R360 Accepts certifications on a
RCRA NON-EXEMPT:	40 CFR 261.21-261.24	or listed hazardous waste as defi us is attached. (Check the appropr	ned by 40 CFR, part 261, subpart	D, as amended. The following	istics established in RCRA regulations, g documentation demonstrating the
EMERGENCY NON-OILFIELD	Emergency non-hazard		een ordered by the Department of	The second secon	(Provide Description Below) urnentation of non-hazardous waste
(DOUNT AUX (OD)	D 105153 010115105				
(PRINT) AUTHORIZE	D AGENTS SIGNATURE		PORTER	SIGNATURE	
Transporter's Sem	Tex mex	InANS	Driver's Name	Peter	
Address			Print Name	10101	
Phone No. Transporter Ticket #			Phone No	102	
I hereby certify that the above named	naterial(s) was/were picke	d up at the Generator's site listed	70 70 70 70 70 70 70 70 70 70 70 70 70 7	dent to the disposal facility li	sted below.
SHIPMENT DATE		SIGNATURE	DELIVERY DATE	DR	IVER'S SIGNATURE
TRUCK TIME ST		DISPOSA	L FACILITY	Name/No	NG AREA
	acility / NM1-006 wy US 62 / 180 Mile Mark	er 66 Carlsbad, NM 88220	Phone No. 575-	392-6368	-
PASS THE PAINT FIL	GS TAKEN? (Circle One) TER TEST? (Circle One)	YES NO	If YES, was reading > 50 r	micro roentgents? (Circle C	one) YES NO
St Guage Feet		TANK B	OTTOMS		
st Guage Feet		Inches	BS&W/BBLS	Received I	BS&W (%)
2nd Guage			F	ree Water	
Deceived			Tota	Received	
NAME (PRINT)	erial has been (circle one)	ACCEPTED DATE	DENIED If denie	d, why?	SIGNATURE
2-138 conc@northstarforms.com (877)499-0492	White - R360 ORIGIN			COPY Gold-RETURN TO	

(PLEASE PRINT)

REQUIRED INFORMATION

Company Man Contact Information
Name Kent Retz

Pag				1110	
	XTD	GENE	RATOR	No.H	W- 717079
Generator Manifest #			Location of Origin Lease/Well		0
Generator Name			Name & No.	NEXVO CAXOA	PC 11H
Address			County	0301658321	
City, State, Zip			API No.	30-015-69168	
Phone No.			Rig Name & No. & AFE/PO No.	1139821001	
2.03-20-20-20-20-20-20-20-20-20-20-20-20-20-	EMPT E&P Waste/Service	e Identification and Amount	Company of the Compan	ste type in barrels or cubic yard	(s)
Oil Based Muds	NON-	NJECTABLE WATERS		OTHER EXEMPT E&P WASTE	
Oil Based Cuttings Water Based Muds		out Water (Non-Injectable) letion Fluid/Flow Back (Non-Inje	ctable)	-	
Water Based Cuttings Produced Formation Solids	Produc	ced Water (Non-Injectable) ring Line Water/Waste (Non-Inj	A STATE OF THE STA	Rall. D.	in P
Tank Bottoms E&P Contaminated Soil		NAL USE ONLY	ectable)	TOP SOIL & CALICHE SALES	711
Gas Plant Waste	Print Life Committee Commi	Washout (exempt waste)	YES NO	QUANTITY	TOP SOIL CALICHE
WASTE GENERATION PROCESS:	DRILLING	COMPLETION	PRODUCTU	ON GATHERING	G LINES
		NON-EXEMPT E&P Waste/S	ervice Identification and Amo	unt	
Non-Exempt Other	on-exempt E&P waste must	be analysed and be below three	shold limits for toxicity (TCLP	, Ignitability, Corrosivity adn Reacti	
				ct from Non-Exempt Waste List	UN DACK
DISPOSAL QUANTITY		BARRELS	L - LIQUID	20 Y-YARDS	E - EACH
I hereby certify that the above listed ma packaged, and is in proper condition for	terial(s), is (are) not hazardo	us waste as defined by 40 CFR	Part 261 or any applicable st	ate law. That each waste has been	properly described, classified and
RCRA EXEMPT:	Oil field wastes generate		nd production operation and	are not mixed with non-exempt wa	ste (R360 Accepts certifications on a
	per load basis only)				
RCRA NON-EXEMPT:	40 CFR 261.21-261.24, or	listed hazardous waste as defir	ned by 40 CFR, part 261, subp	or waste hazardous by characterist art D, as amended. The following d	ics established in RCRA regulations, ocumentation demonstrating the
i i	waste as non-hazardous MSDS Information	is attached. (Check the appropri	ate items as provided) Hazardous Waste Analysis	Other (De	rovide Description Below)
☐ EMERGENCY NON-OILFIELD	The second secon		And the second s	nt of Public Safety (the order, docum	Control of the Contro
	determination and a desc	ription of the waste must accor	npany this form)	it of Fublic Safety (the order, docum	nentation of non-nazardous waste
(PRINT) AUTHORIZED	ACENTO CIONATURE		ATE	SIGNATURE	
(FRINTI) AO THURIZED	Adel 13 SidNATURE		PORTER	SIGNATURE	
Transporter's Sen	Tex me			Peter	
Name OFAI	10110		Driver's Name Print Name	16.61	
Phone No.			Phone No.		
Transporter Ticket #			Truck No	109	
I hereby certify that the above named m			11 29	24 Cleresch	rester.
SHIPMENT DATE	DRIVER'S SIG		DELIVERY DATE		R'S SIGNATURE
TRUCK TIME STA		DISPUSAL	L FACILITY	RECEIVIN	AREA
IN:OUT:				Name/No.	
Site Name/ ermit No. Halfway Fa	cility / NM1-006	And the second	Phone No. 5	75-392-6368	
Address 6601 Hobbs Hw	y US 62 / 180 Mile Marker	66 Carlsbad, NM 88220	1110110110.	The same of the sa	-
Address 6601 Hobbs Hw NORM READING PASS THE PAINT FILT	S TAKEN? (Circle One)	YES NO	If YES, was reading >	50 micro roentgents? (Circle One	e) YES NO
PASS THE PAINT FILT	TER TEST? (Circle One)	YES NO	The second secon		7
Feet Feet		TANK B	OTTOMS		
Set Guage Feet	- In	ches		DI & Dansium I	DCOW/C/A I
2nd Guage			R2ØAA\R	BLS Received Free Water	BS&W (%)
Received		(1	otal Received	
thereby certify that the above load mate	rial has been (circle one)	\ \ACGEPTED	DENIED II II II II	enied, why?	N
E I MIN OF THE BEAT WATER	21 Control one).	11122	May 11	and the	77
NAME(PRINT)		DATE	TITLE	S	IGNATURE
onc@northstarforms.com (877)499-0492	White - R360 ORIGINAL	Yellow-TRANSPORTER CO	OPY Pink- GENERATOR	SITE COPY Gold- RETURN TO C	GENERATOR 308.R360-5240LE rev 08/23

Company Man Contact Information

SOLUTIONS SOLUTIONS	(PLEA	ASE PRINT) *REQU	IRED INFORMATION*	Phone No.
Generator Manifest #	GEN	Location of Origin Lease/Well Name & No. County API No.	PLU CYXJ 03C156833 30-015-697	W-717078
City, State, Zip Phone No.		Rig Name & No. AFE/PO No.	113982100	1
Oil Based Muds	Vaste/Service Identification and Amore NON-INJECTABLE WATERS	unt (place volume next to v	vaste type in barrels or cubic OTHER EXEMPT E&P W	
Oil Based Cuttings Water Based Muds Water Based Cuttings Produced Formation Solids Tank Bottoms E&P Contaminated Soil Gas Plant Waste	Washout Water (Non-Injectable) Completion Fluid/Flow Back (Non-Injectable) Produced Water (Non-Injectable) Gathering Line Water/Waste (Non INTERNAL USE ONLY Truck Washout (exempt waste)		Belly D TOP SOIL & CALICHE SA	om P
D. 100 C.	RILLING COMPLETION	☐ PRODUCT		RING LINES
All non-exempt E8	NON-EXEMPT E&P Waste P waste must be analysed and be below the	THE RESERVE TO A PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.	nount .P), Ignitability, Corrosivity adn R lect from Non-Exempt Waste	
DISPOSAL QUANTITY	B - BARRELS	L - LIQUID	D Y-YARDS	E - EACH
Per load be RCRA NON-EXEMPT: Oil field we 40 CFR 26' waste as n MSDS Info EMERGENCY NON-OILFIELD Emergency	este which is non-hazardous that does not .21-261.24, or listed hazardous waste as d on-hazardous is attached. (Check the appro	exceed the minimum standard efined by 40 CFR, part 261, sul opriate items as provided) AA Hazardous Waste Analysis s been ordered by the Departm	s for waste hazardous by charac bpart D, as amended. The follow	teristics established in RCRA regulations, ing documentation demonstrating the er (Provide Description Below)
(PRINT) AUTHORIZED AGENTS SIGNAT		DATE	SIGNATUI	RE
Transporter's Sen Tex Address Phone No. Transporter Ticket # I hereby certify that the above named material(s) was	Nex	Driver's Name Print Name Phone No. Truck No. ed above and delivered withou	Peter 102 ut incident to the disposal facility	ylisted below.
SHIPMENT DATE	ORIVER'S SIGNATURE	DELIVERY DATE	er dienes d	DRIVER'S SIGNATURE
TRUCK TIME STAMP IN:OUT:	DISPOS	AL FACILITY	Name/No.	VING AREA
Site Name/ Permit No. Address Halfway Facility / NN 6601 Hobbs Hwy US 62 / 180	11-006 Mile Marker 66 Carlsbad, NM 88220	Phone No.	575-392-6368	
Address 6601 Hobbs Hwy US 62 / 180 NORM READINGS TAKEN? (C	ircle One) YES NO		> 50 micro roentgents? (Circle	e One) YES NO
Feet Feet	Inches TANK	BOTTOMS		
st Guage 2nd Guage 3eceived	mores	BS&W/	BBLS Received Free Water Total Received	BS&W (%)
hereby certify that the above toad material has been NAME (PBINT)	(circle one): ACCEPTED 11 Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	TITLE	denied, why? R SITE COPY Gold- RETURN	SIGNATURE TO GENERATOR 308.R360-5240LE rev 08/23

(PLEASE PRINT)

REQUIRED INFORMATION

	Company Man Contact Information	
	Name David Rund	
*		

SULUTION;			Priorie No
Generator Manifest # X+0	GENERA	FOR	No.HW- 717263
Generator NameAddress	Le N	ease/Well ame & No.	14 CVX JV fc # 11H
Address			015-69768
City, State, Zip		g Name & No. C	1139821001
Phone No.		FE/PO Not neideht	
Oil Based Muds	/aste/Service Identification and Amount (place NON-INJECTABLE WATERS	3 volume next to waste	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Cuttings Water Based Muds Water Based Cuttings Produced Formation Solids Tank Bottoms	Washout Water (Non-Injectable) Completion Fluid/Flow Back (Non-Injectable) Produced Water (Non-Injectable) Gathering Line Water/Waste (Non-Injectable)		Dump Truck
E&P Contaminated Soil Gas Plant Waste	INTERNAL USE ONLY Truck Washout (exempt waste)	ES NO	TOP SOIL & CALICHE SALES OUANTITY TOP SOIL CALICHE
	ILLING COMPLETION	PRODUCTION	GATHERING LINES
The state of the s	NON-EXEMPT E&P Waste/Service	Identification and Amount	
All non-exempt E& Non-Exempt Other	waste must be analysed and be below threshold li	mits for toxicity (TCLP), Ign	nitability, Corrosivity adn Reactivity.
The second secon		1175	om Non-Exempt Waste List on back
DISPOSAL QUANTITY		QUID 10	Y - YARDS E - EACH
packaged, and is in proper condition for transportation	according to applicable regulation. stes generated from oil and gas exploration and pro		aw. That each waste has been properly described, classified and not mixed with non-exempt waste (R360 Accepts certifications on a
40 CFR 261	21-261.24, or listed hazardous waste as defined by n-hazardous is attached. (Check the appropriate ite	40 CFR, part 261, subpart [vaste hazardous by characteristics established in RCRA regulations, D, as amended. The following documentation demonstrating the Other (Provide Description Below)
EMERGENCY NON-OILFIELD Emergency		lered by the Department of	Public Safety (the order, documentation of non-hazardous waste
Da VI & Syrd (PRINT) AUTHORIZED AGENTS SIGNATU	DATE DATE		
(FAIRT) AOTHORIZED AGENTS SIGNAL	TRANSPOR	RTER	SIGNATURE
Transporter's Name Sen Tex M		1	omisan Baeca
Address			miran Balta
Phone No.		one No	72-955-3819
Transporter Ticket # I hereby certify that the above named material(s) was,	were picked up at the Generator's site listed above	and delivered without incident	
SHIPMENT DATE	DRIVER'S SIGNATURE	DELIVERY DATE	DRIVER'S SIGNATURE
TRUCK TIME STAMP IN:OUT:	DISPOSAL FA		RECEIVING AREA Name/No
Site Name/ Permit No. Halfway Facility / NN	1_006	E-92-	202,6260
6601 Hobbs Hung IIC 62 / 190	Nile Marker 66 Carlsbad, NM 88220	one No	392-6368
NORM READINGS TAKEN? (C		'ES, was reading > 50 m	nicro roentgents? (Circle One) YES NO
St Guage Feet	TANK BOTT	OMS	
Feet Feet	Inches		
and Guage		BS&W/BBLS Fr	Received BS&W (%)
eceived			Received
NAME (PRINT) White - B	circle one): ACCEPTED DENIE	PAOLA If denied	d, why?
30-138 White - R. White - R.	60 ORIGINAL Yellow-TRANSPORTER COPY	Pink- GENERATOR SITE	COPY Gold- RETURN TO GENERATOR 308.R360-5240LE rev 08/23

Released to Imaging: 2/6/2025 9:43:22 AM

(PLEASE PRINT)

REQUIRED INFORMATION

Compa	ny Man Co	ntact In	forma
	David	100	
Phone	No	2	

2.00		GEN	IERATOR			NO.HW	1-71	7264
Generator Manifest #X+O			Location of Or Lease/Well	rigin		-		
Generator Name			Name & No.	PLU	CVX	イヤのサ	-11 -1	
Address			API No.	30 - 0	15-69	168		
City, State, Zip			Rig Name & N		398210	ol	en en	
Phone No.	EMPT E&P Waste/Service	Identification and Amo	AFE/PO No.			1016411	0/5	
Oil Based Muds	NON-IN	JECTABLE WATERS	unt (place volume ne		THER EXEMPT		TREAMS	
Oil Based Cuttings Water Based Muds		ut Water (Non-Injectable) tion Fluid/Flow Back (Non-I	Injectable)		0			
Water Based Cuttings Produced Formation Solids	Produce	ed Water (Non-Injectable) ng Line Water/Waste (Non-	Circle All Control		Jump	Tru	ICK	
Tank Bottoms E&P Contaminated Soil	INTERN	AL USE ONLY			OP SOIL & CALIC	CHE SALES		
Gas Plant Waste WASTE GENERATION PROCESS:	DRILLING	/ashout (exempt waste)		DUCTION	QUANTITY	GATHERING L	TOP SOIL	CALICHE
WASTE GENERALION FROGESS.	DINEENVO	NON-EXEMPT E&P Waste				JAI MENING L	IINE2	
	n-exempt E&P waste must b	e analysed and be below th	nreshold limits for toxic	ity (TCLP), Ignitab				
Non-Exempt Other				se select from		Vaste List on	back	
DISPOSAL QUANTITY		ARRELS	L - LIQUID		Y - YARDS	>	E - E	
I hereby certify that the above listed mat packaged, and is in proper condition for t	transportation according to a	pplicable regulation.						
RCRA EXEMPT:	Oil field wastes generated per load basis only)	from oil and gas exploration	n and production opera	tion and are not r	mixed with non-	-exempt waste	(R360 Accepts	certifications on a
RCRA NON-EXEMPT:	Oil field waste which is not 40 CFR 261.21-261.24, or li	n-hazardous that does not e	exceed the minimum sta	andards for waste	e hazardous by	characteristics	established in	RCRA regulations,
_	waste as non-hazardous is	attached. (Check the appro	opriate items as provide	ed)	s amended. The	- ronowing doct		nonstrating the
	MSDS Information			AND DESCRIPTION OF THE PARTY OF				
FMERGENCY NON-DILETELD			RA Hazardous Waste Ar	Market Street	blic Safaty (the		ide Description	S. (7.4/2,0)
EMERGENCY NON-OILFIELD	Emergency non-hazardous, determination and a descri	non-oilfield waste that has	s been ordered by the D	Market Street	blic Safety (the			S. (7.4/2,0)
EMERGENCY NON-OILFIELD OGUI BUY- (PRINTY AUTHORIZED A	Emergency non-hazardous, determination and a descri	non-oilfield waste that has	s been ordered by the D	Market Street				S. (7.4/2,0)
David Byrd (PRINT) AUTHORIZED A	Emergency non-hazardous, determination and a descri	non-oilfield waste that has ption of the waste must ac	s been ordered by the D company this form)	Market Street		order, documen		S. (7.4/2,02)
David Byrd (PRINT) AUTHORIZED A Transporter's Name Sen te	Emergency non-hazardous, determination and a descri	non-oilfield waste that has ption of the waste must ac	s been ordered by the D company this form)	Market Street	0	order, documen		S. (7.4/2,02)
David Byrd (PRINTYAUTHORIZED A Transporter's Name Address	Emergency non-hazardous, determination and a descri	non-oilfield waste that has ption of the waste must ac	DATE Driver's Name Print Name	Market Street	ngo Bo	order, documen		S. (7.4/2,02)
Transporter's Name Sem te Address Phone No. Transporter Ticket #	Emergency non-hazardous, determination and a descri	non-oilfield waste that has ption of the waste must ac	SPORTER Driver's Name Print Name Phone No. Truck No.	Ob m	ngo Par	SIGNATURE	ntation of non-l	S. (7.4/2,02)
Transporter's Name Sem + Le Address Phone No. Transporter Ticket # I hereby certify that the above named ma	Emergency non-hazardous, determination and a descri	non-oilfield waste that has ption of the waste must ac TRAN	Sporter DATE SPORTER Driver's Name Print Name Phone No. Truck No. ed above and delivered	Ob w	ngo Par	SIGNATURE	ntation of non-l	nazardous waste
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named ma	Emergency non-hazardous, determination and a descri	TRAN at the Generator's site list	SPORTER Driver's Name Print Name Phone No. Truck No.	Con Down 132	ngo Par	SIGNATURE SIGNATURE SIGNATURE SIGNATURE SIGNATURE SIGNATURE	ntation of non-l	nazardous waste
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Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named ma SHIPMENT DATE TRUCK TIME STA IN: OUT: Site Name/ ermit No. Address NORM READINGS PASS THE PAINT FILTE	terial(s) was/were picked up ORIVER'S SIGN MP Sillity / NM1-006 US 62 / 180 Mile Marker 66 TAKEN? (Circle One)	TRAN TRAN	DATE SPORTER Driver's Name Print Name Phone No. Truck No. ed above and delivered DELIVERY AL FACILITY Phone No. If YES, was rea	Without incident 24 Solve State National State Solve State National State Solve State National State Solve State	Report of the disposal or roentgents?	Facility listed by ORIVER'S RECEIVING	below. Signature AREA	NO NO
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named ma SHIPMENT DATE TRUCK TIME STA IN: OUT: Site Name/ Permit No. Address NORM READINGS PASS THE PAINT FILTE St Guage Feet	terial(s) was/were picked up ORIVER'S SIGN MP Sillity / NM1-006 US 62 / 180 Mile Marker 66 TAKEN? (Circle One)	TRAN TRAN	DATE SPORTER Driver's Name Print Name Phone No. Truck No. ed above and delivered DELIVERY AL FACILITY Phone No. If YES, was rea	Without incident 24 Solve State National State Solve State National State Solve State National State Solve State	me/No	Facility listed by ORIVER'S RECEIVING	below. Signature AREA YES	NO NO
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named ma SHIPMENT DATE TRUCK TIME STA IN: OUT: Site Name/ ermit No. Address Address NORM READINGS PASS THE PAINT FILTE st Guage And Guage Transporter's Norm Readings Feet The st Guage The st Guage Transporter's Norm Readings Feet The st Guage The st Guage Transporter's Norm Readings The st Guage The st	terial(s) was/were picked up DRIVER'S SIGN MP Sility / NM1-006 US 62 / 180 Mile Marker 66 TAKEN? (Circle One) ER TEST? (Circle One)	TRAN TRAN	DATE SPORTER Driver's Name Print Name Phone No. Truck No. ed above and delivered DELIVERY AL FACILITY Phone No. If YES, was rea	Without incident National Services S&W/BBLS Recorded Free National Services Fr	me/No	Facility listed by ORIVER'S RECEIVING	below. Signature AREA YES	NO NO
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named ma SHIPMENT DATE TRUCK TIME STA IN: OUT: Site Name/ Permit No. Address NORM READINGS PASS THE PAINT FILTE st Guage Ind Guage Received	terial(s) was/were picked up DRIVER'S SIGN MP Sility / NM1-006 US 62 / 180 Mile Marker 66 TAKEN? (Circle One) ER TEST? (Circle One)	TRAN TRAN	DATE SPORTER Driver's Name Print Name Phone No. Truck No. ed above and delivered DELIVERY Phone No. If YES, was rea	without incident Value Va	me/No	I facility listed to DRIVER'S RECEIVING .	below. Signature AREA YES	nazardous waste

(PLEASE PRINT)

REQUIRED INFORMATION

Company Man Contact Information Name Kent Retz
Phone No._____

1/	GENERATOR		NO.HW- 717405
Generator Manifest # X / O		of Origin PLV C	VX JV PC# 11 H
Generator Name	Lease/V Name 8	Vell No. XTOO	3C1558321
Address	County	Eddy	
City, State, Zip	API No.	8 No. VAPP 240	-69768
Phone No.		C C NO.	2/00/
	Service Identification and Amount (place volu	ne next to waste type in ba	rrels or cubic yards)
Oil Based Muds Oil Based Cuttings	NON-INJECTABLE WATERS Washout Water (Non-Injectable)	OTHER E	XEMPT E&P WASTE STREAMS
Water Based Muds Water Based Cuttings	Completion Fluid/Flow Back (Non-Injectable)		
Produced Formation Solids Tank Bottoms	Produced Water (Non-Injectable) Gathering Line Water/Waste (Non-Injectable)		
E&P Contaminated Soil	INTERNAL USE ONLY Truck Washout (exempt waste) YES	1	& CALICHE SALES
Gas Plant Waste WASTE GENERATION PROCESS: DRILLIN		NO) QUANT	TITY TOP SOIL CALICHE GATHERING LINES
WASTE GENETIATION FILOSESS. BITTELIN	NON-EXEMPT E&P Waste/Service Identifi		GALIFICATING LINES
	e must be analysed and be below threshold limits for	r toxicity (TCLP), Ignitability, Co	prosivity adn Reactivity.
Non-Exempt Other		*please select from Non-E	xempt Waste List on back
DISPOSAL QUANTITY	B - BARRELS L - LIQUID	20 (Y-Y	ARDS E - EACH
I hereby certify that the above listed material(s), is (are) not packaged, and is in proper condition for transportation acco	hazardous waste as defined by 40 CFR Part 261 or ar	y applicable state law. That ea	ach waste has been properly described, classified and
RCRA EXEMPT: Oil field wastes g	enerated from oil and gas exploration and production	operation and are not mixed v	with non-exempt waste (R360 Accepts certifications on a
per load basis on RCRA NON-EXEMPT: Oil field waste wi		uum etandarde for waete hazar	dous by characteristics established in RCRA regulations,
40 CFR 261.21-26	1.24, or listed hazardous waste as defined by 40 CFR ardous is attached. (Check the appropriate items as	part 261, subpart D, as ameni	ded. The following documentation demonstrating the
MSDS Informatio			Other (Provide Description Below)
EMERGENCY NON-OILFIELD Emergency non-h	zardous, non-oilfield waste that has been ordered b	the Department of Public Safe	ety (the order, documentation of non-hazardous waste
	zardous, non-oilfield waste that has been ordered b a description of the waste must accompany this for	the Department of Public Saf m)	ety (the order, documentation of non-hazardous waste
	zardous, non-oilfield waste that has been ordered b a description of the waste must accompany this for DATE	v the Department of Public Saf m)	ety (the order, documentation of non-hazardous waste
determination and (PRINT) AUTHORIZED AGENTS SIGNATURE	a description of the waste must accompany this for	m)	The state of the s
(PRINT) AUTHORIZED AGENTS SIGNATURE Transporter's Sem Tex Me	DATE TRANSPORTE Driver's	R Jago C	The state of the s
Transporter's Name Address	DATE TRANSPORTE Driver's Print Na	R Jame Jad C	The state of the s
(PRINT) AUTHORIZED AGENTS SIGNATURE Transporter's Sem Tex Me	DATE TRANSPORTE Driver's	R Vame Ta 2 C	The state of the s
Transporter's Sen Tex Me Address Phone No. Transporter Ticket #	DATE TRANSPORTE Driver's Print Na Phone N Truck No	R Vame Ta 2 C	SIGNATURE
Transporter's Sen Tex Me Address Phone No. Transporter Ticket # I hereby certify that the above named material(s) was/were	DATE TRANSPORTE Print Na Phone N Truck No picked up at the Generator's site listed above and de	R Vame Ta 2 C	SIGNATURE
Transporter's Sen Tex Me Address Phone No. Transporter Ticket # I hereby certify that the above named material(s) was/were	TRANSPORTE TRANSPORTE Driver's Print Na Phone N Truck No Dicked up at the Generator's site listed above and de	Name Ta 2 Connection of the Co	disposal facility listed below.
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Transporter's Sen Tex Me Address Phone No. Transporter Ticket # I hereby certify that the above named material(s) was/were SHIPMENT DATE DR TRUCK TIME STAMP IN: OUT: Site Name/ Permit No. Halfway Facility / NM1-00	DATE TRANSPORTE Driver's Print Na Phone N Truck No Dicked up at the Generator's site listed above and de VER'S SIGNATURE DISPOSAL FACIL Phone N Phone N	Name Ta 2 Control of the Name ITY Name/N	disposal facility listed below. DRIVER'S SIGNATURE RECEIVING AREA
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Transporter's Name Address Phone No. Transporter Ticket # Thereby certify that the above named material(s) was/were SHIPMENT DATE TRUCK TIME STAMP IN: OUT: Site Name/Permit No. Address NORM READINGS TAKEN? (Circle of PASS THE PAINT FILTER TEST? (Circle of St Guage) St Guage Feet	DATE TRANSPORTE Driver's Print Na Phone N Truck No Dicked up at the Generator's site listed above and de VER'S SIGNATURE DISPOSAL FACIL One) YES NO TANK BOTTOM	Name ne ob. livered without incident to the Name/No. 575-392-6368 BS&W/BBLS Received	disposal facility listed below. DRIVER'S SIGNATURE RECEIVING AREA Jo. Stepents? (Circle One) YES NO
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Transporter's Name Address Phone No. Transporter Ticket # Thereby certify that the above named material(s) was/were SHIPMENT DATE TRUCK TIME STAMP IN: OUT: Site Name/Permit No. Address NORM READINGS TAKEN? (Circle OPASS THE PAINT FILTER TEST? (CIRCLe OPASS THE PAINT FI	TRANSPORTE TRANSPORTE Driver's Print Na Phone N Truck No Dicked up at the Generator's site listed above and de VER'S SIGNATURE DISPOSAL FACIL Phone N Marker 66 Carlsbad, NM 88220 Disposal Facil TANK BOTTOM Inches	Name ne ob. livered without incident to the Name/N Name/N S BS&W/BBLS Received Free Water Total Received	disposal facility listed below. DRIVER'S SIGNATURE RECEIVING AREA Jo. Stepents? (Circle One) YES NO

(PLEASE PRINT)

REQUIRED INFORMATION

Company Man Contact Information Name Kent Retz Phone No.

Pag		GENE	RATOR	NO.HW-	710/00
Generator Manifest # XTO			Location of Origin	ZUCVX JUPC	7,19426
Generator Name			Lease/Well Name & No.	0 030156832	-1
Address			County E	2015-10218	
City, State, Zip			API No. Jany Rig-Name & No. N. P.O.	PZ401641673	
Phone No.			AFE/PO-No.C. 1/2	89 82 1001	
Oil Based Muds		Identification and Amount JECTABLE WATERS	(place volume next to waste	type in barrels or cubic yards) OTHER EXEMPT E&P WASTE STREA	2MA
Oil Based Cuttings Water Based Muds	Washou	ut Water (Non-Injectable) tion Fluid/Flow Back (Non-Inje	etablel	1	
Water Based Cuttings Produced Formation Solids	Produce	ed Water (Non-Injectable) ng Line Water/Waste (Non-Inje	4000	0 /	
Tank Bottoms E&P Contaminated Soil		AL USE ONLY	actable)	TOP SOIL & CALICHE SALES	
Gas Plant Waste		/ashout (exempt waste)	YES NO		P SOIL CALICHE
WASTE GENERATION PROCESS:	DRILLING	COMPLETION NON EXEMPT FOR DAY OF	PRODUCTION	GATHERING LINE	S
	on-exempt E&P waste must b	e analysed and be below thres		nitability, Corrosivity adn Reactivity.	
Non-Exempt Other			*please select fr	om Non-Exempt Waste List on bac	k
DISPOSAL QUANTITY		ARRELS	L-LIQUID ZC	Y - YARDS	E - EACH
I hereby certify that the above listed ma packaged, and is in proper condition for	transportation according to a	pplicable regulation.			
RCRA EXEMPT:	Oil field wastes generated per load basis only)	from oil and gas exploration a	nd production operation and are	not mixed with non-exempt waste (R3	60 Accepts certifications on a
RCRA NON-EXEMPT:	Oil field waste which is not	n-hazardous that does not exce	eed the minimum standards for v	vaste hazardous by characteristics esta D, as amended. The following docume	blished in RCRA regulations,
_	waste as non-hazardous is MSDS Information	attached. (Check the appropria	ate items as provided) Hazardous Waste Analysis		
☐ EMERGENCY NON-OILFIELD	- Control of the Cont		the state of the s	f Public Safety (the order, documentation	Description Below)
	determination and a descri	ption of the waste must accom	npany this form)		
(PRINT) AUTHORIZED	AGENTS SIGNATURE		ATE	SIGNATURE	
Transporter's		TRANS	PORTER	1 -	
Name Serile Address	exmex		Driver's Name Print Name	ad Curry	
Phone No.			Phone No.	D.I	
Transporter Ticket # I hereby certify that the above named ma	atorial(s) was (ware picked ur	at the Congretor's site listed	Truck No.	(2 B-C)	
			11.22.24	- Out	
SHIPMENT DATE TRUCK TIME STA	DRIVER'S SIGN		L FACILITY	DRIVER'S SIGN	
IN:OUT:	177.17	DISPUSAL		Name/No.	LA
Site Name/				0	
	cility / NM1-006 y US 62 / 180 Mile Marker 66	6 Carlsbad, NM 88220	Phone No. 575-	392-6368	
The state of the s	ALCOHOLD VALUE OF THE PROPERTY	YES NO	If YES, was reading > 50 r	nicro roentgents? (Circle One)	YES NO
PASS THE PAINT FILT		YES NO		,	
ST St Guage Feet			OTTOMS		YES NO
st Guage Feet	Incl	nes	BS&W/BBLS	Received BS	8W (%)
2nd Guage Received				ree Water Received	
a hereby certify that the above load mate	rigithas has fairely analy	ACCEPTED	1	7	&W (%)
	rannas been (circle one):	MULTIPLE TO	DENIED If denie	d, why?	5
NAME (PRINT)		DATE	TITLE	SIGNATUR	ATOR
C-138 donc@northstarforms.com (877)499-0492	White - R360 ORIGINAL	Yellow-TRANSPORTER CO	DPY Pink- GENERATOR SITE	COPY Gold- RETURN TO GENERA	ATOR 308.R360-5240LE rev 08/23



APPENDIX E

Laboratory Analytical Reports & Chain of Custody Documentation



November 25, 2024

TRACY HILLARD
ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD, NM 88220

RE: PLU CVX JV PC 11

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.

Wite Sough

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,

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 11/21/2024 Sampling Date: 11/19/2024

Reported: 11/25/2024 Sampling Type: Soil

Project Name: PLU CVX JV PC 11 Sampling Condition: Cool & Intact
Project Number: 03C1558321 Sample Received By: Tamara Oldaker

A I J D. ... 711

Project Location: XTO - 32.205624-103.904817

Sample ID: FS 01 (H247125-01)

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	11/22/2024	ND	2.30	115	2.00	3.30	
Toluene*	<0.050	0.050	11/22/2024	ND	2.19	109	2.00	3.62	
Ethylbenzene*	<0.050	0.050	11/22/2024	ND	2.18	109	2.00	4.12	
Total Xylenes*	<0.150	0.150	11/22/2024	ND	6.47	108	6.00	3.89	
Total BTEX	<0.300	0.300	11/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 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	16.0	16.0	11/25/2024	ND	448	112	400	3.64	
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	204	102	200	1.90	
DRO >C10-C28*	55.2	10.0	11/22/2024	ND	187	93.5	200	0.782	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	98.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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

Me Sough



Analytical Results For:

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

Received: 11/21/2024 Sampling Date: 11/19/2024

Reported: Sampling Type: Soil 11/25/2024

Project Name: PLU CVX JV PC 11 Sampling Condition: Cool & Intact Project Number: Sample Received By: 03C1558321 Tamara Oldaker

Project Location: XTO - 32.205624-103.904817

Sample ID: FS 02 (H247125-02)

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	11/22/2024	ND	2.30	115	2.00	3.30	
Toluene*	<0.050	0.050	11/22/2024	ND	2.19	109	2.00	3.62	
Ethylbenzene*	<0.050	0.050	11/22/2024	ND	2.18	109	2.00	4.12	
Total Xylenes*	<0.150	0.150	11/22/2024	ND	6.47	108	6.00	3.89	
Total BTEX	<0.300	0.300	11/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 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	208	16.0	11/25/2024	ND	448	112	400	3.64	
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	204	102	200	1.90	
DRO >C10-C28*	37.9	10.0	11/22/2024	ND	187	93.5	200	0.782	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	103 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 11/21/2024 Sampling Date: 11/19/2024

Reported: Sampling Type: Soil 11/25/2024

Project Name: PLU CVX JV PC 11 Sampling Condition: Cool & Intact Project Number: Sample Received By: 03C1558321 Tamara Oldaker

Project Location: XTO - 32.205624-103.904817

Sample ID: FS 03 (H247125-03)

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	11/22/2024	ND	2.30	115	2.00	3.30	
Toluene*	<0.050	0.050	11/22/2024	ND	2.19	109	2.00	3.62	
Ethylbenzene*	<0.050	0.050	11/22/2024	ND	2.18	109	2.00	4.12	
Total Xylenes*	<0.150	0.150	11/22/2024	ND	6.47	108	6.00	3.89	
Total BTEX	<0.300	0.300	11/22/2024	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	32.0	16.0	11/25/2024	ND	448	112	400	3.64	
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	204	102	200	1.90	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	187	93.5	200	0.782	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	100 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 11/21/2024 Sampling Date: 11/19/2024

Reported: Sampling Type: Soil 11/25/2024

Project Name: PLU CVX JV PC 11 Sampling Condition: Cool & Intact Project Number: Sample Received By: 03C1558321 Tamara Oldaker

Project Location: XTO - 32.205624-103.904817

Sample ID: FS 04 (H247125-04)

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	11/22/2024	ND	2.30	115	2.00	3.30	
Toluene*	<0.050	0.050	11/22/2024	ND	2.19	109	2.00	3.62	
Ethylbenzene*	<0.050	0.050	11/22/2024	ND	2.18	109	2.00	4.12	
Total Xylenes*	<0.150	0.150	11/22/2024	ND	6.47	108	6.00	3.89	
Total BTEX	<0.300	0.300	11/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.3	% 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	11/25/2024	ND	448	112	400	3.64	
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	204	102	200	1.90	
DRO >C10-C28*	54.5	10.0	11/22/2024	ND	187	93.5	200	0.782	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	82.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.7	% 49.1-14	8						

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Analytical Results For:

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

Received: 11/21/2024 Sampling Date: 11/19/2024

Reported: 11/25/2024 Sampling Type: Soil

Project Name: PLU CVX JV PC 11 Sampling Condition: Cool & Intact
Project Number: 03C1558321 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO - 32.205624-103.904817

mg/kg

Sample ID: FS 05 (H247125-05)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2024	ND	2.30	115	2.00	3.30	
Toluene*	<0.050	0.050	11/22/2024	ND	2.19	109	2.00	3.62	
Ethylbenzene*	<0.050	0.050	11/22/2024	ND	2.18	109	2.00	4.12	
Total Xylenes*	<0.150	0.150	11/22/2024	ND	6.47	108	6.00	3.89	
Total BTEX	<0.300	0.300	11/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.7	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	11/25/2024	ND	448	112	400	3.64	
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	204	102	200	1.90	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	187	93.5	200	0.782	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	89.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.1	% 49.1-14	8						

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Analytical Results For:

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

Received: 11/21/2024 Sampling Date: 11/19/2024

Reported: 11/25/2024 Sampling Type: Soil

Project Name: PLU CVX JV PC 11 Sampling Condition: Cool & Intact
Project Number: 03C1558321 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO - 32.205624-103.904817

mg/kg

Sample ID: FS 06 (H247125-06)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2024	ND	2.30	115	2.00	3.30	
Toluene*	<0.050	0.050	11/22/2024	ND	2.19	109	2.00	3.62	
Ethylbenzene*	<0.050	0.050	11/22/2024	ND	2.18	109	2.00	4.12	
Total Xylenes*	<0.150	0.150	11/22/2024	ND	6.47	108	6.00	3.89	
Total BTEX	<0.300	0.300	11/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.3	% 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	11/25/2024	ND	448	112	400	3.64	
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	204	102	200	1.90	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	187	93.5	200	0.782	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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Analytical Results For:

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

Received: 11/21/2024 Sampling Date: 11/19/2024

Reported: Sampling Type: Soil 11/25/2024

Project Name: PLU CVX JV PC 11 Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker 03C1558321

Project Location: XTO - 32.205624-103.904817

Sample ID: FS 07 (H247125-07)

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	11/22/2024	ND	2.30	115	2.00	3.30	
Toluene*	<0.050	0.050	11/22/2024	ND	2.19	109	2.00	3.62	
Ethylbenzene*	< 0.050	0.050	11/22/2024	ND	2.18	109	2.00	4.12	
Total Xylenes*	< 0.150	0.150	11/22/2024	ND	6.47	108	6.00	3.89	
Total BTEX	<0.300	0.300	11/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.9	% 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	32.0	16.0	11/25/2024	ND	448	112	400	3.64	
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	204	102	200	1.90	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	187	93.5	200	0.782	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	101 9	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	6 49.1-14	8						

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Analytical Results For:

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

Received: 11/21/2024 Sampling Date: 11/19/2024

Reported: 11/25/2024 Sampling Type: Soil

Project Name: PLU CVX JV PC 11 Sampling Condition: Cool & Intact
Project Number: 03C1558321 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO - 32.205624-103.904817

mg/kg

Sample ID: FS 08 (H247125-08)

BTEX 8021B

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Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2024	ND	2.30	115	2.00	3.30	
Toluene*	<0.050	0.050	11/22/2024	ND	2.19	109	2.00	3.62	
Ethylbenzene*	<0.050	0.050	11/22/2024	ND	2.18	109	2.00	4.12	
Total Xylenes*	<0.150	0.150	11/22/2024	ND	6.47	108	6.00	3.89	
Total BTEX	<0.300	0.300	11/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.6	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	11/25/2024	ND	448	112	400	3.64	
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	204	102	200	1.90	
DRO >C10-C28*	36.5	10.0	11/22/2024	ND	187	93.5	200	0.782	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	98.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

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Analytical Results For:

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

Received: 11/21/2024 Sampling Date: 11/20/2024

Reported: Sampling Type: Soil 11/25/2024

Project Name: PLU CVX JV PC 11 Sampling Condition: Cool & Intact Project Number: Sample Received By: 03C1558321 Tamara Oldaker

Project Location: XTO - 32.205624-103.904817

Sample ID: FS 09 (H247125-09)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2024	ND	2.30	115	2.00	3.30	
Toluene*	<0.050	0.050	11/22/2024	ND	2.19	109	2.00	3.62	
Ethylbenzene*	<0.050	0.050	11/22/2024	ND	2.18	109	2.00	4.12	
Total Xylenes*	<0.150	0.150	11/22/2024	ND	6.47	108	6.00	3.89	
Total BTEX	<0.300	0.300	11/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.4	% 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	192	16.0	11/25/2024	ND	448	112	400	3.64	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2024	ND	204	102	200	1.90	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	187	93.5	200	0.782	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	101 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 11/21/2024 Sampling Date: 11/19/2024

Reported: 11/25/2024 Sampling Type: Soil

Project Name: PLU CVX JV PC 11 Sampling Condition: Cool & Intact
Project Number: 03C1558321 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: XTO - 32.205624-103.904817

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Sample ID: FS 10 (H247125-10)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2024	ND	2.30	115	2.00	3.30	
Toluene*	<0.050	0.050	11/22/2024	ND	2.19	109	2.00	3.62	
Ethylbenzene*	<0.050	0.050	11/22/2024	ND	2.18	109	2.00	4.12	
Total Xylenes*	<0.150	0.150	11/22/2024	ND	6.47	108	6.00	3.89	
Total BTEX	<0.300	0.300	11/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	11/25/2024	ND	448	112	400	3.64	
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	204	102	200	1.90	
DRO >C10-C28*	80.8	10.0	11/22/2024	ND	187	93.5	200	0.782	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113	% 49.1-14	8						

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Analytical Results For:

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

Received: 11/21/2024 Sampling Date: 11/20/2024

Reported: 11/25/2024 Sampling Type: Soil

Project Name: PLU CVX JV PC 11 Sampling Condition: Cool & Intact
Project Number: 03C1558321 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO - 32.205624-103.904817

mg/kg

Sample ID: FS 11 (H247125-11)

BTEX 8021B

DILX GOZID	ıııg,	Ng .	Allulyzo	u by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2024	ND	2.30	115	2.00	3.30	
Toluene*	<0.050	0.050	11/22/2024	ND	2.19	109	2.00	3.62	
Ethylbenzene*	<0.050	0.050	11/22/2024	ND	2.18	109	2.00	4.12	
Total Xylenes*	<0.150	0.150	11/22/2024	ND	6.47	108	6.00	3.89	
Total BTEX	<0.300	0.300	11/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 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	11/25/2024	ND	448	112	400	3.64	
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	204	102	200	1.90	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	187	93.5	200	0.782	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	95.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.4	% 49.1-14	8						

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Analytical Results For:

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

Received: 11/21/2024 Sampling Date: 11/20/2024

Reported: 11/25/2024 Sampling Type: Soil

Project Name: PLU CVX JV PC 11 Sampling Condition: Cool & Intact
Project Number: 03C1558321 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO - 32.205624-103.904817

mg/kg

Sample ID: FS 12 (H247125-12)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2024	ND	2.30	115	2.00	3.30	
Toluene*	<0.050	0.050	11/22/2024	ND	2.19	109	2.00	3.62	
Ethylbenzene*	<0.050	0.050	11/22/2024	ND	2.18	109	2.00	4.12	
Total Xylenes*	<0.150	0.150	11/22/2024	ND	6.47	108	6.00	3.89	
Total BTEX	<0.300	0.300	11/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.2	% 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	11/25/2024	ND	448	112	400	3.64	
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	204	102	200	1.90	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	187	93.5	200	0.782	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	95.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.4	% 49.1-14	8						

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Analytical Results For:

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

Received: 11/21/2024 Sampling Date: 11/20/2024

Reported: 11/25/2024 Sampling Type: Soil

Project Name: PLU CVX JV PC 11 Sampling Condition: Cool & Intact
Project Number: 03C1558321 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO - 32.205624-103.904817

mg/kg

Sample ID: FS 13 (H247125-13)

BTEX 8021B

DILX GOZID	iiig/	, kg	Andryzo	u by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2024	ND	2.30	115	2.00	3.30	
Toluene*	<0.050	0.050	11/22/2024	ND	2.19	109	2.00	3.62	
Ethylbenzene*	<0.050	0.050	11/22/2024	ND	2.18	109	2.00	4.12	
Total Xylenes*	<0.150	0.150	11/22/2024	ND	6.47	108	6.00	3.89	
Total BTEX	<0.300	0.300	11/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.8	% 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	80.0	16.0	11/25/2024	ND	448	112	400	3.64	
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	204	102	200	1.90	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	187	93.5	200	0.782	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	98.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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Analytical Results For:

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

Received: 11/21/2024 Sampling Date: 11/19/2024

Reported: 11/25/2024 Sampling Type: Soil

Project Name: PLU CVX JV PC 11 Sampling Condition: Cool & Intact
Project Number: 03C1558321 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO - 32.205624-103.904817

mg/kg

Sample ID: FS 14 (H247125-14)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2024	ND	2.30	115	2.00	3.30	
Toluene*	<0.050	0.050	11/22/2024	ND	2.19	109	2.00	3.62	
Ethylbenzene*	<0.050	0.050	11/22/2024	ND	2.18	109	2.00	4.12	
Total Xylenes*	<0.150	0.150	11/22/2024	ND	6.47	108	6.00	3.89	
Total BTEX	<0.300	0.300	11/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 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	160	16.0	11/25/2024	ND	448	112	400	3.64	
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	204	102	200	1.90	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	187	93.5	200	0.782	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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Analytical Results For:

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

Received: 11/21/2024 Sampling Date: 11/20/2024

Reported: 11/25/2024 Sampling Type: Soil

Project Name: PLU CVX JV PC 11 Sampling Condition: Cool & Intact
Project Number: 03C1558321 Sample Received By: Tamara Oldaker

Project Location: XTO - 32.205624-103.904817

Sample ID: FS 15 (H247125-15)

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	11/22/2024	ND	2.30	115	2.00	3.79	
Toluene*	<0.050	0.050	11/22/2024	ND	2.36	118	2.00	3.18	
Ethylbenzene*	<0.050	0.050	11/22/2024	ND	2.25	112	2.00	3.02	
Total Xylenes*	<0.150	0.150	11/22/2024	ND	7.06	118	6.00	2.63	
Total BTEX	<0.300	0.300	11/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	11/25/2024	ND	448	112	400	3.64	
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	204	102	200	7.50	
DRO >C10-C28*	10.6	10.0	11/22/2024	ND	196	98.1	200	6.28	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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Analytical Results For:

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

Received: 11/21/2024 Sampling Date: 11/20/2024

Reported: Sampling Type: Soil 11/25/2024

Project Name: PLU CVX JV PC 11 Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker 03C1558321

Analyzed By: 14

Project Location: XTO - 32.205624-103.904817

ma/ka

Sample ID: FS 16 (H247125-16)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2024	ND	2.30	115	2.00	3.79	
Toluene*	<0.050	0.050	11/22/2024	ND	2.36	118	2.00	3.18	
Ethylbenzene*	<0.050	0.050	11/22/2024	ND	2.25	112	2.00	3.02	
Total Xylenes*	<0.150	0.150	11/22/2024	ND	7.06	118	6.00	2.63	
Total BTEX	<0.300	0.300	11/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 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	272	16.0	11/25/2024	ND	448	112	400	3.64	
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	204	102	200	7.50	
DRO >C10-C28*	47.5	10.0	11/22/2024	ND	196	98.1	200	6.28	
EXT DRO >C28-C36	12.6	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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Analytical Results For:

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

Received: 11/21/2024 Sampling Date: 11/20/2024

Reported: 11/25/2024 Sampling Type: Soil

Project Name: PLU CVX JV PC 11 Sampling Condition: Cool & Intact
Project Number: 03C1558321 Sample Received By: Tamara Oldaker

Project Location: XTO - 32.205624-103.904817

Sample ID: FS 17 (H247125-17)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2024	ND	2.30	115	2.00	3.79	
Toluene*	<0.050	0.050	11/22/2024	ND	2.36	118	2.00	3.18	
Ethylbenzene*	0.051	0.050	11/22/2024	ND	2.25	112	2.00	3.02	GC-NC1
Total Xylenes*	0.362	0.150	11/22/2024	ND	7.06	118	6.00	2.63	GC-NC1
Total BTEX	0.413	0.300	11/22/2024	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	11/25/2024	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	204	102	200	7.50	
DRO >C10-C28*	84.5	10.0	11/22/2024	ND	196	98.1	200	6.28	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	110	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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C-04



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

Analytical Results For:

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

Received: 11/21/2024 Sampling Date: 11/20/2024

Reported: 11/25/2024 Sampling Type: Soil

Project Name: PLU CVX JV PC 11 Sampling Condition: Cool & Intact
Project Number: 03C1558321 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: XTO - 32.205624-103.904817

ma/ka

Sample ID: FS 18 (H247125-18)

RTFY 8021R

Result <0.050 0.058 0.328 2.34 2.72	Reporting Limit 0.050 0.050 0.050 0.150 0.300	Analyzed 11/22/2024 11/22/2024 11/22/2024 11/22/2024	Method Blank ND ND ND ND ND	BS 2.30 2.36 2.25	% Recovery 115 118 112	True Value QC 2.00 2.00 2.00	3.79 3.18	Qualifier GC-NC1
0.058 0.328 2.34	0.050 0.050 0.150	11/22/2024 11/22/2024	ND ND	2.36	118	2.00	3.18	
0.328 2.34	0.050 0.150	11/22/2024	ND					
2.34	0.150			2.25	112	2.00	2.02	
		11/22/2024	ND			2.00	3.02	GC-NC1
2.72	0.300		ND	7.06	118	6.00	2.63	GC-NC1
		11/22/2024	ND					GC-NC1
149	% 71.5-13	4						
mg,	/kg	Analyze	d By: CT					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
272	16.0	11/25/2024	ND	432	108	400	0.00	
mg,	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
78.4	10.0	11/22/2024	ND	204	102	200	7.50	
817	10.0	11/22/2024	ND	196	98.1	200	6.28	
160	10.0	11/22/2024	ND					
116	% 48.2-13	4						
115	% 49.1-14	8						
	Result 272 mg, Result 78.4 817 160	149 % 71.5-13 mg/kg Result Reporting Limit 78.4 10.0 817 10.0 160 10.0 48.2-13	149 % 71.5-134 mg/kg Analyzed 272 16.0 11/25/2024 mg/kg Analyzed Result Reporting Limit Analyzed 78.4 10.0 11/22/2024 817 10.0 11/22/2024 160 10.0 11/22/2024 116 % 48.2-134	149 % 71.5-134 mg/ky Analyzed By: CT Result Reporting Limit Analyzed Method Blank Result Reporting Limit Analyzed Method Blank 78.4 10.0 11/22/2024 ND 817 10.0 11/22/2024 ND 160 10.0 11/22/2024 ND	149 % 71.5-134 mg/ky Analyzed By: CT Result Reporting Limit Analyzed Method Blank BS Result Reporting Limit Analyzed Method Blank BS 78.4 10.0 11/22/2024 ND 204 817 10.0 11/22/2024 ND 196 160 10.0 11/22/2024 ND ND	149 % 71.5-134 mg/ky Analyzed By: CT Result Reporting Limit Analyzed Method Blank BS % Recovery Result Reporting Limit Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery 78.4 10.0 11/22/2024 ND 204 102 817 10.0 11/22/2024 ND 196 98.1 116 % 48.2-134	149 % 71.5-134 mg/ky Analyzed By: CT Result Reporting Limit Analyzed ND 432 108 400 mg/ky Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC 78.4 10.0 11/22/2024 ND 204 102 200 817 10.0 11/22/2024 ND 196 98.1 200 160 10.0 11/22/2024 ND	149 % 71.5-134 mg/ky Analyzed By: CT Result Reporting Limit Analyzed ND 432 108 400 0.00 mg/ky Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS Recovery True Value QC RPD 78.4 10.0 11/22/2024 ND 204 102 200 7.50 817 10.0 11/22/2024 ND 196 98.1 200 6.28 160 10.0 11/22/2024 ND ND

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Mr. Songh



Analytical Results For:

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

Received: 11/21/2024 Sampling Date: 11/20/2024

Reported: Sampling Type: Soil 11/25/2024

Project Name: PLU CVX JV PC 11 Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558321 Tamara Oldaker

Project Location: XTO - 32.205624-103.904817

Sample ID: FS 19 (H247125-19)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2024	ND	2.30	115	2.00	3.79	
Toluene*	<0.050	0.050	11/22/2024	ND	2.36	118	2.00	3.18	
Ethylbenzene*	<0.050	0.050	11/22/2024	ND	2.25	112	2.00	3.02	
Total Xylenes*	<0.150	0.150	11/22/2024	ND	7.06	118	6.00	2.63	
Total BTEX	<0.300	0.300	11/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 5	% 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	208	16.0	11/25/2024	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	204	102	200	7.50	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	196	98.1	200	6.28	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	105 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	8						

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with Sigh



Analytical Results For:

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

Received: 11/21/2024 Sampling Date: 11/20/2024

Reported: 11/25/2024 Sampling Type: Soil

Project Name: PLU CVX JV PC 11 Sampling Condition: Cool & Intact
Project Number: 03C1558321 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: XTO - 32.205624-103.904817

ma/ka

Sample ID: SW 01 (H247125-20)

RTFY 8021R

B1EX 8021B	mg,	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2024	ND	2.30	115	2.00	3.79	
Toluene*	< 0.050	0.050	11/22/2024	ND	2.36	118	2.00	3.18	
Ethylbenzene*	< 0.050	0.050	11/22/2024	ND	2.25	112	2.00	3.02	
Total Xylenes*	<0.150	0.150	11/22/2024	ND	7.06	118	6.00	2.63	
Total BTEX	<0.300	0.300	11/22/2024	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	544	16.0	11/25/2024	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	204	102	200	7.50	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	196	98.1	200	6.28	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	119	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118	% 49.1-14	8						

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Mile Sough



Analytical Results For:

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

Received: 11/21/2024 Sampling Date: 11/20/2024

Reported: 11/25/2024 Sampling Type: Soil

Project Name: PLU CVX JV PC 11 Sampling Condition: Cool & Intact
Project Number: 03C1558321 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO - 32.205624-103.904817

mg/kg

Sample ID: SW 02 (H247125-21)

BTEX 8021B

	9/	9	71.14.1, = 0	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2024	ND	2.30	115	2.00	3.79	
Toluene*	< 0.050	0.050	11/22/2024	ND	2.36	118	2.00	3.18	
Ethylbenzene*	< 0.050	0.050	11/22/2024	ND	2.25	112	2.00	3.02	
Total Xylenes*	<0.150	0.150	11/22/2024	ND	7.06	118	6.00	2.63	
Total BTEX	<0.300	0.300	11/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 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	112	16.0	11/25/2024	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	11/25/2024	ND	204	102	200	7.50	
DRO >C10-C28*	<10.0	10.0	11/25/2024	ND	196	98.1	200	6.28	
EXT DRO >C28-C36	<10.0	10.0	11/25/2024	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

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Me Sough



Analytical Results For:

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

Received: 11/21/2024 Sampling Date: 11/20/2024

Reported: Sampling Type: Soil 11/25/2024

Project Name: PLU CVX JV PC 11 Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558321 Tamara Oldaker

Project Location: XTO - 32.205624-103.904817

Sample ID: SW 03 (H247125-22)

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	11/22/2024	ND	2.30	115	2.00	3.79	
Toluene*	<0.050	0.050	11/22/2024	ND	2.36	118	2.00	3.18	
Ethylbenzene*	<0.050	0.050	11/22/2024	ND	2.25	112	2.00	3.02	
Total Xylenes*	<0.150	0.150	11/22/2024	ND	7.06	118	6.00	2.63	
Total BTEX	<0.300	0.300	11/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 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	80.0	16.0	11/25/2024	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	204	102	200	7.50	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	196	98.1	200	6.28	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	104 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 9	% 49.1-14	8						

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with Sigh



Analytical Results For:

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

Received: 11/21/2024 Sampling Date: 11/20/2024

Reported: 11/25/2024 Sampling Type: Soil

Project Name: PLU CVX JV PC 11 Sampling Condition: Cool & Intact
Project Number: 03C1558321 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: XTO - 32.205624-103.904817

ma/ka

Sample ID: SW 04 (H247125-23)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2024	ND	2.30	115	2.00	3.79	
Toluene*	<0.050	0.050	11/22/2024	ND	2.36	118	2.00	3.18	
Ethylbenzene*	<0.050	0.050	11/22/2024	ND	2.25	112	2.00	3.02	
Total Xylenes*	<0.150	0.150	11/22/2024	ND	7.06	118	6.00	2.63	
Total BTEX	<0.300	0.300	11/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/25/2024	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	204	102	200	7.50	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	196	98.1	200	6.28	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Analytical Results For:

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

Received: 11/21/2024 Sampling Date: 11/20/2024

Reported: 11/25/2024 Sampling Type: Soil

Project Name: PLU CVX JV PC 11 Sampling Condition: Cool & Intact
Project Number: 03C1558321 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: XTO - 32.205624-103.904817

ma/ka

Sample ID: SW 05 (H247125-24)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2024	ND	2.30	115	2.00	3.79	
Toluene*	<0.050	0.050	11/22/2024	ND	2.36	118	2.00	3.18	
Ethylbenzene*	<0.050	0.050	11/22/2024	ND	2.25	112	2.00	3.02	
Total Xylenes*	<0.150	0.150	11/22/2024	ND	7.06	118	6.00	2.63	
Total BTEX	<0.300	0.300	11/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 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	11/25/2024	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	204	102	200	7.50	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	196	98.1	200	6.28	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	124	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	125	% 49.1-14	8						

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Analytical Results For:

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

Received: 11/21/2024 Sampling Date: 11/20/2024

Reported: 11/25/2024 Sampling Type: Soil

Project Name: PLU CVX JV PC 11 Sampling Condition: Cool & Intact
Project Number: 03C1558321 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO - 32.205624-103.904817

mg/kg

Sample ID: SW 06 (H247125-25)

BTEX 8021B

DILX GOZID	ıııg,	ng .	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2024	ND	2.30	115	2.00	3.79	
Toluene*	<0.050	0.050	11/22/2024	ND	2.36	118	2.00	3.18	
Ethylbenzene*	<0.050	0.050	11/22/2024	ND	2.25	112	2.00	3.02	
Total Xylenes*	<0.150	0.150	11/22/2024	ND	7.06	118	6.00	2.63	
Total BTEX	<0.300	0.300	11/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 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	64.0	16.0	11/25/2024	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	204	102	200	7.50	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	196	98.1	200	6.28	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	71.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	52.3	% 49.1-14	8						

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Analytical Results For:

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

Received: 11/21/2024 Sampling Date: 11/20/2024

Reported: 11/25/2024 Sampling Type: Soil

Project Name: PLU CVX JV PC 11 Sampling Condition: Cool & Intact
Project Number: 03C1558321 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO - 32.205624-103.904817

mg/kg

Sample ID: SW 07 (H247125-26)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2024	ND	2.30	115	2.00	3.79	
Toluene*	<0.050	0.050	11/22/2024	ND	2.36	118	2.00	3.18	
Ethylbenzene*	<0.050	0.050	11/22/2024	ND	2.25	112	2.00	3.02	
Total Xylenes*	<0.150	0.150	11/22/2024	ND	7.06	118	6.00	2.63	
Total BTEX	<0.300	0.300	11/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 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	64.0	16.0	11/25/2024	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	204	102	200	7.50	
DRO >C10-C28*	<10.0	10.0	11/22/2024	ND	196	98.1	200	6.28	
EXT DRO >C28-C36	<10.0	10.0	11/22/2024	ND					
Surrogate: 1-Chlorooctane	96.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.3	% 49.1-14	8						

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Notes and Definitions

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

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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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

Page 28 of 31

-aboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	Ha4 11.35	Tab I D	Sampler Name:	Project Location:	Project Name:	Project #:	Phone #: 337-257-8307	City: Carlsbad	Address: 3122 National Parks Hwy	Project manager: Tacoma Morrissey	Company Name: Ensolum	
F502	Sample I.D.		Uriel Santillana	32.205624, -103.904817	PLU CVX JV PC 11	03C1558321	07	State: NM ZIP: 88220	nal Parks Hwy	coma Morrissey	solum	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476
0	(G)RAB OR (C)OMP							20				M 88240 393-2476
4	# CONTAINERS											
	GROUNDWATER WASTEWATER	-										
X	SOIL	MATRIX										
	OIL	RIX										
	SLUDGE OTHER:		T	T	10	0	Þ	D	0	T		(m)
	OTHER : ACID/BASE:	PR	Fax #:	Phone #:	State:	City: Carlsbad	Addre	Attn: Colton Brown	Comp	P.O. #:		T
×	ICE / COOL	PRESERV.	"	#:		Carls	SS:	Colto	any:	.**	-	
	OTHER:	×			2	bad	3104	n Br	XTC		3//	
11/19/24 131-	DATE	SAMPLING			Zip: 88220		Address: 3104 E Greene st.	nwo.	Company: XTO Energy		BILL TO	
1517	TIME	G										
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-		_		_	_	_	_	_	_	-	ANALYSIS REQUEST	
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1/19/24

4181

1320

1351

F510

II/19/24 1500

6

11/19/24

1/20/24

1335

1356 1353

6052 \$053 \$053 \$053

F505

F502 F503 F504

REASE NOTE: Liability and Charlos in Bability and clearly be shown to any clearly any clea † Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Thermometer ID #140

Cool Intact Standard

Observ

urnaround Time:

Bacteria (only) Sample ed Temp. °C

REMARKS: Incident ID: nAPP2401641673

Verbal Result: ☐ Yes [tmorrissey@ensolum.com

Correction Factor _ 0.6 c

O No O No

Page 29 of 31

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

					BIL	BILL TO			ANAL	ANALYSIS REQUEST	ST		
Project manager: Tacoma Morrissey	oma Morrissey				P.O. #:			-			-		-
Address: 3122 National Parks Hwy	al Parks Hwy				Company: XTO Energy	O Energy		_					_
City: Carlsbad	State:	NM ZIP: 88220			Attn: Colton Brown	rown		_					_
Phone #: 337-257-8307	7				Address: 3104 E Greene st.	E Greene st.		_			_		
Project #:	03C1558321				City: Carlsbad			_					
Project Name:	PLU CVX JV PC 11				State: IN	Zip: 88220		_			_		
Project Location:	32.205624, -103.904817	7			Phone #:			0					
Sampler Name:	Uriel Santillana				Fax #:			I					
FOR LAB USE ONLY				MATRIX	PRESERV.	SAMPLING	G	_			_		
Lab I.D.		OMP.	S ER					R O					
Hatrias	Sample I.D.	(G)RAB OR (C)	# CONTAINERS GROUNDWATE WASTEWATER	SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	DATE	TIME	S M D -	× E I B				
//	1163	0	01	X	×	11/20/24	1338	X	X				-
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31						11/20124	855						
16	0					11/20124	900						
17	-					-	1412					7 1	
18							1335						
17	6164						915						
PLEASE NOTE: Liability and Damages, Ca	rdnal's lability and client's exclusive remed	for any claim ensing whether based in contract	for fort, shall be limited to the	he amount paid by the clien	for the analyses. All cla	ims including those for	negligence and any other cause	or cause whatspew		waived unless made in writ	ing and special by Card	willkin SO Alexer willer	Tables of the
slicable service. In no event shall Cr liates or successors arising out of or	ardinal be liable for incidental or consor r related to the performance of service	gilicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurrent by dent, its ubhidisments or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated restorms or otherwise.	ation, business interrupl hether such claim is bas	tions, loss of use, or los sed upon any of the abo	s of profits incurred by o	Sent, its subsidiaries, erwise.	afafai	a cause whatsper	wrasspever snall be deemed	warved unless made in writing and received by Cardinal	ing and received by Cardi	within 30 days after	completion of the
8:18:45 minduisned by:	The same	1330	Received By	uaha a	Male	A.	Verbal Result: tmorrissey@en	□ Yes □	kthomason@	/erbal Result: ☐ Yes ☐ No ☐ Add'I Phone #: tmorrissey@ensolum.com kthomason@ensolum.com usantillana@ensolum.com	one #: ntillana@ensolun	n.com	
2025		Time:	Received By:				REMARKS: Inc	ident ID: nA	Incident ID: nAPP2401641673	ω			
Selivered By: (Circle One) Impler - UPS - Bus - Other:		Observed Temp. °C 49 Corrected Temp. °C 49	1	Sample Condition Cool Intact A res A res	CHECK	(Initials)	Turnaround Time: Standard	E E	2	Bacteria (only) Sample Condition ed Temp. °C	Yes Yes Correcte	Corrected Temp. 1C	
FORM-006 R 3.2 10/07/21	+	Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com	inges. Please	email change	s to celey.keer	ne@cardinalla	bsnm.com						
Rece													

Page 30 of 31

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

company Name: Ensolum								В	BILL TO	Ĩ				ANAL	ANALYSIS	REQUEST	EST
Project manager: Tacoma Morrissey	sey						P.O. #:	*					٦	1			
Address: 3122 National Parks Hwy	Ŋ						Com	pany:	Company: XTO Energy	y						_	
City: Carlsbad	State: NM ZIP: 88220						Attn:	Attn: Colton Brown	Brown								
Phone #: 337-257-8307							Addr	ess: 31	Address: 3104 E Greene st.	ne st.							
Project #: 03C1558321	24			1			City:	City: Carlsbad	ad								
Project Name: PLU CVX JV PC 11	JV PC 11						State:		Zip: 88220	220						_	
Project Location: 32.205624,	32.205624, -103.904817						Phone #:	ne #:				C					
Sampler Name: Uriel Santillana	llana						Fax #:	#				I					
OR LAB USE ONLY				1	MATR	Y	log	VGESE	1	SNI IGH		_	_	_	_		
Lab I.D.		MP.		3	MAIRIX	×	7	PRESERV.		SAMPLING		001					
s	Sample I.D.	AB OR (C)O	NTAINERS	INDWATER EWATER	EVVATER	GE	R: BASE:	COOL				10-7	7 -1	n -1 B			
4247125		(G)F	# C(SOIL	OIL	OTH		DATE	m	TIME	S	I	×			
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EASE NOTE: Lisbilly and Dimages. Custimat lisbilly and desirts exclusive reseaby for any claim arising whether based in contract or tot, shall be limbed to the amount paid by the disert for the analyses. All claims including those includes service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries in the consequent of the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	Cardrafts lability and distrit sectuate remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims, I Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, for related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	oontract or to out limitation as of wheth	ort, shall I n, busine er such	be limited to t ess interrup claim is ba	the amount p ptions, loss ased upon a	paid by the of of use, or any of the a	loss of pro above state	analyses. Al fits incurred id reasons or	ll claims includin by client, its subs r otherwise.	including those for negligence. Its subsidiaries.	egligence and any	other cause	whatsoever s	hall be deeme	d waived uni	ess made in	and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the
celinquished By:	Time: 230	Received By	eived	By		12	2		1	- K	Verbal Result: ☐ Yes ☐ No Add'l Phone #: tmorrissey@ensolum.com kthomason@ensolum.com usantillana@ensolum.com	ensolum	.com kt	No nomason(@ensolur	Add'I F	Phone #:
elinquished By:	Date:	Received By:	eived	By:	9			2	1	20	REMARKS:	Incident	D: nAPP	Incident ID: nAPP2401641673	73		
	Time:	-							1								
elivered By: (Circle One) ampler - UPS - Bus - Other:	Observed Temp. °C Q. 9 Corrected Temp. °C Q. 9	0,0		□ □ Sam	Sample Condition Cool Intact The Date No No	ndition at	0	1 S = E	CHECKED BY: (Initials)	71 R 1w	Turnaround Time: Standard Rush (Standard Cool Intact #140	3	Bacteria (only) Sample Condition Observed Temp. "C	Sample Con	dition	□Yes□ Yes
FORM-006 R 3.2 10/07/21			L		1		-			F						H	

Page 31 of 31



December 20, 2024

TACOMA MORRISSEY
ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD, NM 88220

RE: PLU CVX JV PC 11

Enclosed are the results of analyses for samples received by the laboratory on 12/19/24 10:33.

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)

Celey D. Keene

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ENSOLUM TACOMA MORRISSEY 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 12/19/2024 Sampling Date: 12/19/2024
Reported: 12/20/2024 Sampling Type: Soil

Project Name: PLU CVX JV PC 11 Sampling Condition: Cool & Intact
Project Number: 03C1558321 Sample Received By: Shalyn Rodriguez

Applyand By 14

Project Location: XTO 32.205624-103.904817

Sample ID: FS 18 2.5' (H247667-01)

DTEV 0021D

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	12/19/2024	ND	2.05	103	2.00	1.36	
Toluene*	<0.050	0.050	12/19/2024	ND	1.95	97.6	2.00	2.63	
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	1.97	98.3	2.00	3.68	
Total Xylenes*	<0.150	0.150	12/19/2024	ND	5.91	98.6	6.00	4.19	
Total BTEX	<0.300	0.300	12/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 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	144	16.0	12/19/2024	ND	400	100	400	3.92	
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	12/20/2024	ND	206	103	200	5.43	
DRO >C10-C28*	41.8	10.0	12/20/2024	ND	185	92.5	200	4.91	
EXT DRO >C28-C36	<10.0	10.0	12/20/2024	ND					
Surrogate: 1-Chlorooctane	77.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.9	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

Company Name: Ensolum 11C	HC	BILL TO		ANALYSIS REQUEST
Project Manager: Tacoma morrissey		P.O. #:		
Address: 3122 National Parks Hwy	y	company: XTO Energy Inc.	y Inc.	
city: Carlsbad	State:NM Zip: 88220	Attn: Colton Brown		
Phone #: 337-257-8307		Address: 3104 E. Green St.	en St.	
Project #: 03C1558321	oject Owner: XTO	city: Carlsbad		
ame:		State: NM Zip: 88220	Ö	_
Ĭ.	32.205624, -103.904817	Phone #:		
Sampler Name: Jesse Dorman		Fax #:		
FOR LAB USE ONLY	OMP.	PRESERV. SAMPLING		
Lab I.D. Sample I.D.	(G)RAB OR (C)O # CONTAINERS GROUNDWATE WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER: DATE	BTEX TPH CHLORID	
1 4518		13/19/4	188	
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	1			
PLEASE NOTE: Liability and Damages. Cardinal's analyses. All claims including those for negligence senses in no assent shall Cardinal he liable for incident	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable.	or tort, shall be limited to the amount paid received by Cardinal within 30 days after oss of use, or loss of profits incurred by cl	by the client for the completion of the applicable lent, its subsidiaries.	
affiliates or successors arising out of or related to the performance Relinquished By:	Time: 633 Time: 633 Time: 633	s based upon any of the above stated its	ılt: □Yes ıre emailed. ısolum.com	TNo Add'I Phone #: Please provide Email address: Thillard@ensolum.com TMorrissey@ensolum.com, kthomason@ensolum.com
Relinquished By:	Date: Received By:		REMARKS: Cost Center:1138821001	1
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Corrected Temp. 'C Sample Condition Corrected Temp. 'C Sample Condition Coor Sample Cond	on CHECKED BY:	Turnaround Time: Standard Rush Thermometer ID #113 746	Bacteria (only) Sample Condition Cool Inlact Observed Temp. °C Yes 7 Yes

Sante Fe Main Office Phone: (505) 476-3441 General Information

Phone: (505) 629-6116
Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 425539

QUESTIONS

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	425539
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2401641673
Incident Name	NAPP2401641673 PLU CVX JV PC 11 @ 0
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2218240516] XTO PERMIAN MIDSTREAM NGGS

Location of Release Source	
Please answer all the questions in this group.	
Site Name	PLU CVX JV PC 11
Date Release Discovered	01/08/2024
Surface Owner	Federal

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

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: 4 BBL Recovered: 1 BBL Lost: 3 BBL.
Produced Water Released (bbls) Details	Cause: Corrosion Flow Line - Production Produced Water Released: 2 BBL Recovered: 0 BBL Lost: 2 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Cause: Corrosion Flow Line - Production Natural Gas Vented Released: 320 MCF Recovered: 0 MCF Lost: 320 MCF.
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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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 2

Action 425539

QUESTIONS (co	ontinued
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Operator:	OGRID: 5380
XTO ENERGY, INC 6401 Holiday Hill Road	Action Number:
Midland, TX 79707	425539
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)
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.	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 s	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.
	iation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative o ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of evaluation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releate OCD does not relieve the operator of liability should their operations have failed to a	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 it does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Colton Brown Title: Environmental Advisor Email: colton.s.brown@exxonmobil.com

Sante Fe Main Office Phone: (505) 476-3441 General Information

Phone: (505) 629-6116

Online Phone Directory
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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 3

Action 425539

QUESTIONS (continued)

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	425539
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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	U.S. Geological Survey
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 300 and 500 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (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 p	olan approval with this submission	Yes
Attach a comprehensive report dem	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 co	ntained 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)	3600
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	16510
GRO+DRO	(EPA SW-846 Method 8015M)	14910
BTEX	(EPA SW-846 Method 8021B or 8260B)	412
Benzene	(EPA SW-846 Method 8021B or 8260B)	10.4
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.		
On what estimated date will	the remediation commence	03/05/2024
On what date will (or did) the	e final sampling or liner inspection occur	12/19/2024
On what date will (or was) the	ne remediation complete(d)	12/20/2024
What is the estimated surface	ce area (in square feet) that will be reclaimed	3770
What is the estimated volum	ne (in cubic yards) that will be reclaimed	500
What is the estimated surface	ce area (in square feet) that will be remediated	3770
What is the estimated volum	ne (in cubic yards) that will be remediated	500
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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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

QUESTIONS, Page 4

Action 425539

QUESTIONS (continued)

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	425539
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
Yes	
HALFWAY DISPOSAL AND LANDFILL [fEEM0112334510]	
Not answered.	

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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

Name: Colton Brown
Title: Environmental Advisor
Email: colton.s.brown@exxonmobil.com
Date: 01/28/2025

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

General Information Phone: (505) 629-6116

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

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

QUESTIONS, Page 5

Action 425539

QUESTIONS (continued)

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	425539
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 425539

QUESTIONS (continued)

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	425539
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	428949
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/10/2025
What was the (estimated) number of samples that were to be gathered	1
What was the sampling surface area in square feet	200

Remediation Closure Request		
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.		
Requesting a remediation closure approval with this submission	Yes	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes	
What was the total surface area (in square feet) remediated	3770	
What was the total volume (cubic yards) remediated	500	
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	3770	
What was the total volume (in cubic yards) reclaimed	500	
Summarize any additional remediation activities not included by answers (above)	Site assessment and excavation activities were conducted at the Site to address the January 8, 2024, release. Laboratory analytical results for the excavation soil samples, collected from the final excavation extent, indicated that all COC concentrations were compliant with the Site Closure Criteria. Based on the soil sample analytical results, no further remediation is required.	

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

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

I hereby agree and sign off to the above statement

Name: Colton Brown
Title: Environmental Advisor
Email: colton.s.brown@exxonmobil.com
Date: 01/28/2025

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QUESTIONS, Page 7

Action 425539

QUESTIONS (continued)

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	425539
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 425539

CONDITIONS

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	425539
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created B	$^{\prime}$	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NAPP2401641673 PLU CVX JV PC 11, thank you. This Remediation Closure Report is approved.	2/6/2025