ENSOLUM

October 7, 2024

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

Re: Deferral Request East Pecos Federal 22 #003H Incident Number nAPP2310336531 Eddy County, New Mexico

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of WPX Energy Permian, LLC. (WPX), has prepared this *Deferral Request* to document assessment and soil sampling activities at the East Pecos Federal 22 #003H (Site) in Unit M, Section 22, Township 26 South, Range 29 East, in Eddy County, New Mexico (Figure 1). The Site (32.0208407°, -103.9791165°) is associated with oil and gas exploration and production operations on Private Land.

The purpose of the Site assessment and soil sampling activities was to assess for the presence or absence of impacts to soil following a release of crude oil and produced water within a lined containment at the Site. Based on field observations, field screening activities, and soil sample laboratory analytical results, WPX is submitting this *Deferral Request*, describing Site assessment and delineation activities that have occurred and requesting deferral of final remediation for Incident Number **nAPP2310336531** until the Site is reconstructed and/or the well pad is abandoned.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Eddy County, New Mexico (32.0210342°, -103.9788208°) and is associated with oil and gas exploration and production operations on Private Land.

On April 4, 2023, a water dump hung open, causing the tanks to reach high levels. The high-level switch activated, but the unit did not stop pumping. This resulted in the release of approximately 5 barrels (bbls) of crude oil and 25 bbls produced water to the lined secondary containment. A small hole in the containment allowed approximately 6 bbls of fluids to leak through and impacted the pad surface; 3 bbls of crude oil and 23 bbls of produced water were recovered. A 48-hour advance notice of liner inspection was provided via email to the New Mexico Oil Conservation Division (NMOCD) District II office. A liner integrity inspection was conducted by Ensolum personnel following fluid recovery and upon inspection, the liner was determined to be insufficient. WPX reported the release to the NMOCD via email on April 4, 2023, and submitted a Release Notification Form C-141 on April 13, 2023 (see Appendix A). The release was assigned Incident Number nAPP2310336531.

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, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are presented on page 3 of the Form C-141, Site Assessment/Characterization. Potential Site receptors are identified on Figure 1.

The New Mexico Office of the State Engineer (NMOSE) indicates the nearest depth to groundwater measurement is greater than 55 feet bgs and the water well, NMOSE file number C-4630, is located approximately 0.24 miles southeast of the Site as shown in Figure 1; The well log and record is provided in Appendix B. According to the United States Geological Survey (USGS), well 320118104574401 is located 550 feet north of the release extent; however, a depth to water measurement is not provided (Appendix B).

The closest continuously flowing or significant watercourse to the Site is a dry riverine, located approximately 1,560 feet northwest 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 not within a 100-year floodplain or overlying a subsurface mine and it is not underlain by unstable geology (medium potential karst designation area); however, the Site is less than 1,000 feet from a freshwater well or spring.

A freshwater well was identified during the desktop review and Ensolum personnel verified the presence of surface equipment at the location. The well is located 545 feet from the edge of the release extent on the north side of the caliche pad. The surface equipment indicates freshwater has been sold, purchased, or transferred from this location; however, there is no available groundwater data for this well. Potential Site receptors are identified on Figure 1.

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

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

SITE ASSESSMENT AND DELINEATION ACTIVITIES

From April 11, 2023, through May 8, 2023, Ensolum personnel visited the Site to evaluate the release extent and to conduct delineation sampling activities. Three delineation soil samples (SS01D through SS03G) were advanced via backhoe to confirm the vertical extent of the on-pad release. Four additional samples (SS04 through SS07C) were collected to determine the lateral extent of the on-pad release. Discrete soil samples were collected from each location at depths ranging from the ground surface to 9 feet bgs. One borehole (BH01) was advanced via hand auger near the location of the holes identified during the liner integrity inspection. Discrete soil samples were collected from the borehole at depths ranging from ground surface to 3.5 feet bgs to assess the vertical extent of impacted soil beneath the containment liner. Soil samples SS12 and SS13 were collected on the west and south sides of the containment, respectively, to verify the lateral extent. Soil samples SS08 through SS11 were not collected or submitted for laboratory analysis.

On January 18, 2024, Ensolum personnel returned to the site to collect additional delineation soil samples beneath the lined containment. Two boreholes (BH02 and BH03) were advanced via a hand

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auger near the central area of the containment. Discrete soil samples were collected from the borehole at depths ranging from ground surface to 2.5 feet bgs to further assess the vertical extent of impacted soil beneath the containment liner.

On July 16, 2024, Ensolum personnel returned to the site to collect additional delineation soil samples in the release area east of the lined containment. Three potholes (PH01, PH02, and SS07) were advanced via a tracked excavator within the release area. Discrete soil samples were collected from the potholes at depths ranging from ground surface to 9 feet bgs to further assess the vertical extent of the impacted soil beneath the release extent.

On August 19, 2024, during excavation activities, Ensolum personnel collected additional lateral delineation soil samples. Two samples (SS04B and SS04C) were collected to determine the lateral extent at the northwest corner of the release.

Soil from the lateral and vertical soil sampling locations and from boreholes was field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach[®] chloride QuanTab[®] test strips. Field screening results and observations were documented on lithologic/soil sampling logs, which are included as Appendix C. The boreholes were backfilled with soil removed and Ensolum personnel repaired the hole in the liner. Delineation soil sample locations are depicted on Figure 2 and photographic documentation is included in Appendix D.

The delineation 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 Envirotech, Inc. (Envirotech) in Farmington, New Mexico, for analysis of the following chemicals of concern (COCs): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-gasoline range organics (GRO), TPH-diesel range organics (DRO), and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method 300.0.

EXCAVATION SOIL SAMPLING ACTIVITIES

Beginning on August 13, 2024, Ensolum personnel oversaw the excavation of impacted soil from the spill area on the east side of the lined secondary containment and to conduct confirmation sampling activities. Excavation activities were performed via tracked excavator and loader to depths ranging from ground surface to 9 feet bgs. A hydro-vacuum truck removed the top 3 feet of soil above pipelines at the northwest corner of the release area. To direct excavation activities, soil was field screened for VOCs and chloride as previously described.

WPX and Ensolum requested a sampling frequency variance of 400 square feet for confirmation floor samples and every 200 square feet for sidewall samples from the NMOCD. On December 21, 2023, NMOCD accepted the sampling variance request. WPX believes this variance has provided equal or better protection of public health, the environment, and groundwater. The 5-point composite soil 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 FS28) were collected from the floor of the excavation at depth of 9 feet bgs. Twenty-seven confirmation sidewall soil samples (SW01 through SW27) were collected at depths ranging between ground surface and 9 feet bgs. The soil sample locations were mapped utilizing a handheld GPS unit and are depicted on Figure 3. Photographic documentation is included in Appendix D. A total of approximately 8,640 cubic yards of soil were removed during excavation activities. The impacted soil was transported and properly disposed of at the R360 Red Bluff Disposal Facility.

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LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for delineation soil samples collected from sample locations SS01D through SS03G indicated concentrations of TPH and chloride exceeded the Closure Criteria for the Site at depths ranging from 1-foot to 8 feet bgs. The terminal depth sample, collected from sample location SS02H at 9 feet bgs, was compliant with the Closure Criteria and successfully defined the vertical extent of impacted soil.

Laboratory analytical results for delineation soil samples SS04 through SS07 indicated all COC concentrations were in compliance with the Closure Criteria for the Site at depths ranging from the ground surface to 0.5 feet bgs, with the exception of SS07, which was recollected. All COC concentrations in soil sample SS07C were in compliance with the Closure Criteria for the Site at surface. Delineation soil samples SS12 and SS13 were both in compliance with the Closure Criteria for the Site at surface and successfully defined the lateral extent of impacted soil beneath the containment liner.

Laboratory analytical results for delineation soil samples collected from boreholes BH01 through BH03, indicated COC concentrations exceeded the Closure Criteria for the Site at the ground surface, 2 feet, and 3 feet bgs, but vertical delineation was achieved at 3.5 feet bgs.

Laboratory analytical results for excavation floor soil samples (FS01 through FS28) as well as sidewall soil samples (SW01 through SW15 and SW24 though SW27) indicated all COC concentrations were in compliance with the strictest Closure Criteria at depths ranging from ground surface to 9 feet bgs. Sidewall samples SW14 through SW23 exceeded the Site Closure Criteria for chloride. These sample locations are in the direct vicinity of production equipment piping and the lined containment, limiting further excavation. The laboratory analytical results are summarized on Tables 1 through 3 and the complete laboratory analytical reports are included in Appendix E. Email correspondence with NMOCD is provided in Appendix F.

DEFERRAL REQUEST

WPX is requesting deferral of final remediation due to the presence of active production equipment and pipelines within and between the lined containments. Impacted soil is limited to the area immediately beneath the lined containment, active production equipment, and active pipelines, which remediation would require a major facility deconstruction.

Impacted soil remaining in place beneath the liner, is delineated vertically by boreholes BH01, BH02 and BH03, collected at depths ranging from ground surface to 3.5 feet bgs. Impacted soil slightly outside the containment wall is delineated vertically by confirmation soil samples collected near the lined containment area at 9 feet bgs. The release area on-pad is laterally defined, by assessment soil samples (SS01 through SS13), collected at ground surface and vertically by all the confirmation soil samples at 9 feet bgs. Confirmation sidewall soil sample SW16 is located directly beneath processes piping running from the separator containment to the tank containment. Due to ongoing litigation between WPX and the private landowner, further advancement of SW16 past the edge of the caliche pad is prohibited. Confirmation sidewall SW16 is laterally defined by lateral delineation soil sample SS04C collected from the very edge of the caliche pad at ground surface. The concentration of chloride in confirmation soil sample SW16 was 718 mg/kg, indicating limited chloride impacts are likely present under the processing equipment to the west, which appears to still be protective of human health, the environment, and groundwater without compromising the safety and stability of equipment.

A maximum of 1,043 cubic yards of chloride-impacted soil remains in place beneath the lined containment and production piping assuming a maximum depth of 3.5 feet near borehole BH01, 1-foot bgs near borehole BH02 and 9 feet bgs beneath the sidewall areas along the containment wall (see

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figure 4). Impacted soil volumes estimate include waste-containing soil volumes to be addressed through reconstruction of the containment or final pad reclamation.

WPX does not believe deferment will result in imminent risk to human health, the environment, or groundwater. Depth to groundwater was determined to be greater than 55 feet bgs, the release was contained laterally by the lined containment, and the impacted soil remaining in place is limited to the area immediately beneath the liner and active pipelines. The liner has been repaired by WPX and will restrict future vertical migration of residual impacts and any interactions with humans and/or wildlife.

Based on the presence of active production equipment within the release area and the complete lateral and vertical delineation of impacted soil remaining in place, WPX requests deferral of final remediation for Incident Number **nAPP2310336531** until final reclamation of the well pad or major construction, whichever comes first. Remedial actions completed to date have been protective of human health, the environment, and groundwater and deferment of impacted soil beneath the lined containment appears to be equally protective and warranting deferment. Notifications submitted to the NMOCD are included in Appendix F.

If you have any questions or comments, please contact Ms. Ashley Giovengo at (575) 988-0055 or agiovengo@ensolum.com.

Sincerely, Ensolum, LLC

Ashely Giovengo Senior Scientist

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

cc: Jim Raley, WPX

Appendices:

- Figure 1 Site Receptor Map
- Figure 2 Delineation Soil Sample Locations
- Figure 3 Excavation Soil Sample Locations
- Figure 4 Area of Requested Deferral
- Table 1
 Soil Sample Analytical Results (Delineation Soil Samples)
- Table 2
 Soil Sample Analytical Results (Excavation Floor Soil Samples)
- Table 3Soil Sample Analytical Results (Sidewall Soil Samples)
- Appendix A C-141 Form
- Appendix B Well Log and Record
- Appendix C Lithologic Soil Sampling Logs
- Appendix D Photographic Log
- Appendix E Laboratory Analytical Reports & Chain-of-Custody Documentation

Appendix F NMOCD Correspondence

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Figures

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Tables



	TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS East Pecos Federal 22 #003H WPX Energy Permian, LLC Eddy County, New Mexico									
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	NE	100	600
				Delin	eation Soil San	nples				
SS01	4/11/2023	1	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	454
SS01D	4/11/2023	5	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	329
SS02	4/11/2023	1	< 0.0250	<0.0500	<20.0	192	61.6	192	254	212
SS02C	4/11/2023	4	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	916
SS02G	4/11/2023	8	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,410
SS02H	5/8/2023	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	411
SS03	4/11/2023	1	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	665
SS03D	5/8/2023	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	741
SS03G	5/8/2023	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	503
SS04	4/11/2023	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	41.6
SS04B	8/19/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	793
SS04C	8/19/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<100
SS05	4/11/2023	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	566
SS06	4/11/2023	0	<0.0250	<0.0500	<20.0	63.3	<50.0	63.3	63.3	<20.0
SS07	4/11/2023	0	<0.0250	<0.0500	<20.0	193	233	193	426	1,320
SS07	7/16/2024	4	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	1,210
SS07	7/16/2024	8	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	987
SS07C	5/8/2023	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS12	4/17/2023	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	72.9
SS13	4/17/2023	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	21.1



			S	WPX	TABLE 1ALYTICAL RESPecos Federal 22Energy PermianCounty, New M	#003H , LLC	ed			
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	NE	100	600
				Delir	eation Soil Sar	nples				
BH01	4/17/2023	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,170
BH01A	4/17/2023	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	583
BH01B	4/17/2023	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	773
BH01C	4/17/2023	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	775
BH01D	4/17/2023	3.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	448
BH02	1/18/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,730
BH02	1/18/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	475
BH02	1/18/2024	2.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	476
BH03	1/18/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	230
PH01	7/16/2024	0	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	262
PH01	7/16/2024	4	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	2,350
PH01	7/16/2024	8	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	1,420
PH02	7/16/2024	0	<0.0250	<0.0250	<20.0	8,380	3,440	8,380	11,820	8,280
PH02	7/16/2024	4	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	1,740
PH02	7/16/2024	8	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	486
PH02	7/16/2024	9	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	75.1

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

"<": Laboratory Analytical result is less than reporting limit

Concentrations in **bold** exceed the NMOCD Table I Closure Criteria or reclamation standard where applicable.

* Indicates sample was collected in area to be reclaimed after remediation is complete; reclamation for chloride in the top 4 feet is 600 mg/kg and total TPH is 100 mg/kg.

GRO: Gasoline Range Organics DRO: Diesel Range Organics ORO: Oil Range Organics TPH: Total Petroleum Hydrocarbon BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes



TABLE 2 SOIL SAMPLE ANALYTICAL RESULTS East Pecos Federal 22-3H WPX Energy Permian, LLC Eddy County, New Mexico										
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	NE	100	600
				Excava	tion Floor Soil S	Samples				
FS01	8/15/2024	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	47.7
FS02	8/15/2024	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	62.2
FS03	8/15/2024	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	119
FS04	8/20/2024	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	85.3
FS05	8/15/2024	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	42.7
FS06	8/15/2024	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	182
FS07	8/15/2024	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	75.5
FS08	8/15/2024	9	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	83.5
FS09	8/15/2024	9	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	96.0
FS10	8/20/2024	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	64.4
FS11	8/20/2024	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	113
FS12 FS13	8/20/2024 8/20/2024	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	95.7
FS13	8/20/2024	9	<0.0250	<0.0500 <0.0500	<20.0 <20.0	<25.0 25.6	<50.0 <50.0	<25.0 25.6	<50.0 25.6	43.3 131
FS15	8/16/2024	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	56.3
FS16	8/15/2024	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	263
FS17	8/16/2024	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS18	8/16/2024	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	59.5
FS19	8/16/2024	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	77.1
FS20	8/20/2024	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	29.2
FS21	8/20/2024	9	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	93.8
FS22	8/20/2024	9	< 0.0250	<0.0500	<20.0	35.9	<50.0	35.9	35.9	<200
FS23	8/29/2024	9	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	96.8
FS24	9/20/2024	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	277
FS25	8/29/2024	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	79.7
FS26	8/29/2024	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	122
FS27	8/29/2024	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	159
FS28	8/29/2024	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	166
FS29	8/29/2024	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	145
FS30	8/29/2024	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	125
FS31	8/29/2024	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	215
FS32	8/29/2024	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	150
FS33	8/29/2024	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	189
FS34	8/29/2024	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	136



	TABLE 2 SOIL SAMPLE ANALYTICAL RESULTS - Continued East Pecos Federal 22-3H WPX Energy Permian, LLC Eddy County, New Mexico									
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	NE	100	600
				Excavat	tion Floor Soil S	Samples				
FS35	8/29/2024	9	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	95.6
FS36	8/29/2024	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	78.7
FS37	8/29/2024	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	156
FS38	8/29/2024	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	108
FS39	8/29/2024	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	78.6
FS40	8/29/2024	2-9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	132
FS41	8/29/2024	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	314
FS42	8/29/2024	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	87.3
FS43	8/29/2024	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	136
FS44	8/29/2024	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	97.0
FS45	8/29/2024	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	164
FS46	8/29/2024	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	77.3
FS47	8/29/2024	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	45.2
FS48	8/29/2024	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	136
FS49	8/29/2024	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	69.4
FS50	8/29/2024	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	102
FS51	8/29/2024	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	59.1
FS52	8/29/2024	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	123

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

"<": Laboratory Analytical result is less than reporting limit

Concentrations in **bold** exceed the NMOCD Table I Closure Criteria or reclamation standard where applicable.

* Indicates sample was collected in area to be reclaimed after remediation is complete; reclamation for chloride in the top 4 feet is 600 mg/kg and total TPH is 100 mg/kg.

GRO: Gasoline Range Organics DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes



	TABLE 3 SOIL SAMPLE ANALYTICAL RESULTS East Pecos Federal 22-3H WPX Energy Permian, LLC Eddy County, New Mexico									
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	NE	100	600
				Sid	ewall Soil Sam	oles				
SW01	9/20/2024	0-2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	482
SW02	8/28/2024	0-9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	35.2
SW03	8/28/2024	0-9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	311
SW04	8/28/2024	0-9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	374
SW05	8/28/2024	0-9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	140
SW06	8/28/2024	0-9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	276
SW07	8/28/2024	0-9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	488
SW08	8/28/2024	0-9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	229
SW09	8/28/2024	0-9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	65.2
SW10	8/28/2024	0-9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	210
SW11	8/29/2024	0-9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	435
SW12	8/29/2024	0-9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	152
SW13	8/29/2024	0-9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	104
SW14	8/29/2024	0-9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	50.7
SW15	8/29/2024	0-9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	403
SW16	8/29/2024	0-9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	718
SW17	8/16/2024	0-9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,310
SW18	8/15/2024	0-9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,110
SW19	8/15/2024	0-9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,070
SW20	8/15/2024	0-9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,600
SW21	8/29/2024	0-9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,960
SW22	8/29/2024	0-9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,400
SW23	8/29/2024	0-9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,640
SW24	8/29/2024	0-9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	329
SW25	8/29/2024	0-9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	205
SW26	8/29/2024	0-9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	83.4
SW27	8/29/2024	0-9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	560



			S	WPX	TABLE 3ALYTICAL RESPecos Federal 2Energy PermianCounty, New Mage	2-3H , LLC	ed			
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria ((NMAC 19.15.29)	10	50	NE	NE	NE	NE	100	600
				Sid	ewall Soil Sam	oles	1			
SW21	8/29/2024	0-9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,960
SW22	8/29/2024	0-9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,400
SW23	8/29/2024	0-9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,640
SW24	8/29/2024	0-9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	329
SW25	8/29/2024	0-9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	205
SW26	8/29/2024	0-9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	83.4
SW27	8/29/2024	0-9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	560

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

"<": Laboratory Analytical result is less than reporting limit

Concentrations in **bold** exceed the NMOCD Table I Closure Criteria or reclamation standard where applicable.

* Indicates sample was collected in area to be reclaimed after remediation is complete; reclamation for chloride in the top 4 feet is 600 mg/kg and total TPH is 100 mg/kg.

GRO: Gasoline Range Organics DRO: Diesel Range Organics ORO: Oil Range Organics TPH: Total Petroleum Hydrocarbon BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

Released to Imaging: 11/1/2024 11:50:08 AM



APPENDIX A

C-141 Form

District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

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Incident ID	nAPP2310336531
District RP	
Facility ID	
Application ID	

Responsible Party

Responsible Party WPX Energy Permain, LLC	OGRID 246289
Contact Name Jim Raley	Contact Telephone 575-689-7597
Contact email Jim.Raley@dvn.com	Incident # (assigned by OCD) nAPP2310336531
Contact mailing address 5315 Buena Vista Drive, Carlsbad, NM 88220	

Location of Release Source

Latitude _____32.0210342___

Longitude ____-103.9788208_ (NAD 83 in decimal degrees to 5 decimal places)

Site Name: EAST PECOS FEDERAL 22 #003H	Site Type Oil Well
Date Release Discovered: 04/04/2023	API# (if applicable) 30-015-42285

Unit Letter	Section	Township	Range	County
М	22	26S	29E	Eddy

Surface Owner: State Federal Tribal Private (Name:

Nature and Volume of Release

Crude Oil	Volume Released (bbls) 5	Volume Recovered (bbls) 3
Produced Water	Volume Released (bbls) 25	Volume Recovered (bbls) 23
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No
Condensate	Volume Released (bbls)	Volume Recovered (bbls)
Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: Water dump stuck open causing tanks to high level. Tank high level switch activated but did not stop pumping unit. Majority of fluids containment in lined secondary containment. Small hole in containment allowed approx. 6 bbls of fluids to impact pad surface. All fluids remained on pad.

 $bbl estimate = \frac{saturated soil volume (ft^{3})}{4.21(\frac{ft^{3}}{bbl equivalent})} * estimated soil porosity(\%) + recovered fluids (bbl)$

ceived by OCD: 10/30/20	24 7:27:18 AM State of New Mexico		Page 21 of		
1111 (-141		Incident ID	nAPP2310336531		
ge 2	Oil Conservation Division	District RP	nAPP2310336531		
		Facility ID	nAPP2310336531		
		Application ID			
Was this a major release as defined by 19.15.29.7(A) NMAC? ⊠ Yes □ No	If YES, for what reason(s) does the responsible par Volume exceeded 25 bbls.	ty consider this a major release?	2		
If YES, was immediate n	otice given to the OCD? By whom? To whom? Wh nd Rosa Romero on 4/4/2023.	en and by what means (phone, o	email, etc)?		

Initial Response

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

 \boxtimes The source of the release has been stopped.

The impacted area has been secured to protect human health and the environment.

Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

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

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

Printed Name: __Jim Raley_____ Title: __Environmental Professional_____

Signature: ______ Date: ______ Date: ______

email: ____jim.raley@dvn.com_____

OCD Only

Telephone: 575-689-7597

Received by: _____ Date: _____

Received by OCD: 10/30/2024 7:27:18 AM Form C-121 State of New Mexico

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Oil Conservation Division

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Incident ID	nAPP2310336531
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>>55</u> (ft bgs)
Did this release impact groundwater or surface water?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	🗌 Yes 🛛 No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	🗌 Yes 🛛 No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	🗌 Yes 🛛 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	🛛 Yes 🗌 No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of a wetland?	🗌 Yes 🛛 No
Are the lateral extents of the release overlying a subsurface mine?	🗌 Yes 🛛 No
Are the lateral extents of the release overlying an unstable area such as karst geology?	🗌 Yes 🛛 No
Are the lateral extents of the release within a 100-year floodplain?	🗌 Yes 🛛 No
Did the release impact areas not on an exploration, development, production, or storage site?	🗌 Yes 🖂 No

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

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

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- \square Depth to water determination
- Determination of water sources and significant watercourses within ¹/₂-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

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

eceived by OCD: 10/30/	2024 7:27:18 AM State of New Mexico		Page 23 of
		Incident ID	nAPP2310336531
age 4	Oil Conservation Division	District RP	
		Facility ID	
		Application ID	
public health or the enviror failed to adequately investi addition, OCD acceptance and/or regulations. Printed Name: Jim Raley Signature:		not relieve the operator of liability sl ndwater, surface water, human healt lity for compliance with any other for <u>nvironmental Professional</u>	nould their operations have n or the environment. In
OCD Only Received by:	I	Date:	

Received by OCD: 10/30/2024 7:27:18 AM Form C-141 State of New Mexico

Oil Conservation Division

Incident ID	nAPP2310336531
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: Each of the following items must be included in the plan.

Detailed description of proposed remediation technique

Scaled sitemap with GPS coordinates showing delineation points

Estimated volume of material to be remediated

Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC

Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: Each of the following items must be con	nfirmed as part of any request for deferral of remediation.
Contamination must be in areas immediately under or around p deconstruction.	roduction equipment where remediation could cause a major facility
Extents of contamination must be fully delineated.	
Contamination does not cause an imminent risk to human healt	h, the environment, or groundwater.
	e and remediate contamination that pose a threat to groundwater, acceptance of a C-141 report does not relieve the operator of
Printed Name: Jim Raley	Title: Environmental Professional
Signature:	Date: <u>09/30/2024</u>
email: <u>jim.raley@dvn.com</u>	Telephone: <u>575-689-7597</u>
OCD Only	
Received by:	Date:
Approved Approved with Attached Conditions of	Approval Denied Deferral Approved
Signature:	Date:

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APPENDIX B

Well Record & Log



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

NOL	OSE POD NO. (W POD 1 (TW-1)		_ 1	WELL TAG ID N N/A	0.	_	OSE FILE NO(C-4630					
OCAT	WELL OWNER M Devon Energy							PHONE (OPTI 575-748-183					
WELLL	WELL OWNER M 6488 7 River		ADDRESS	CITY Artesia			STATE NM	88210	ZIP				
GENERAL AND WELL LOCATION	WELL LOCATION	LAT	DE	GREES 32	minutes 1	SECONE 17.32		* ACCURACY REQUIRED: ONE TENTH OF A SECOND					
NERA	(FROM GPS)	LO	NGITUDE	103	58	30.1	7 W	* DATUM REG	QUIRED: WO	3S 84			
1. GE			G WELL LOCATION TO 26S R29S NMPM	STREET ADD	RESS AND COMMO	ON LANDMA	RKS – PLS	SS (SECTION, TO	WNSHJIP, R	ANGE) WH	ERE AVA	ILABLE	
	LICENSE NO. 1249		NAME OF LICENSED		Jackie D. Atkir	IS	_		1.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2	WELL DR		OMPANY Associates,	inc.
	DRILLING STAF 6/15/202		DRILLING ENDED 6/15/2022		MPLETED WELL (mporary Well	LE DEPTH (FT) ±55	DEPTH V	VATER FIR	ST ENCOU n/a	JNTERED (FT)		
z	COMPLETED W	ELL IS:	ARTESIAN	✓ DRY HO	LE 🗌 SHALL	OW (UNCON	FINED)		WATER LE		/a I	OATE STATIC 6/15/2022	
ATIO	DRILLING FLUI	D:	AIR.	MUD	ADDIT	IVES – SPECI	FY:				1	1.1.1.1	
DRM	DRILLING MET	HOD:	ROTARY HAMM	MER CAB	Hollow Stem	Auger	CHECK INSTAL	HERE IF	PITLESS ADA	PTER IS			
2. DRILLING & CASING INFORMATION	DEPTH (fee	et bgl) TO	BORE HOLE DIAM	(include each casing string, and		CON	ASING NECTION FYPE			THI	CASING WALL SI THICKNESS S (inches) (in		
CAS	0	55	(inches) ±6.5			(add coup	ling diameter)					(inches	
NG&		Ê											
ILLL				-					-	_		_	1
2. DF						-							
		_						_					
				1									
											-		
	DEPTH (fee	et bgl)	BORE HOLE		ST ANNULAR					MOUNT		METHO	
3. ANNULAR MATERIAL	FROM	то	DIAM. (inches)	GRA	VEL PACK SIZ	E-RANGE	BY INTI	ERVAL	(cu	bic feet)	_	PLACE	MENT
ATE							-			_	-		
ARM									1				
NUL													
3. AN											-	_	
FOR	OSE INTERNA	L USE						WR-2	0 WELL F	ECORD	& LOG (Version 01/2	8/2022)

3.4.3

NA

05C DN JUL 15 2022 MILL 34

WELL TAG ID NO.

PAGE 1 OF 2

22

265 299

LOCATION

	DEPTH (feet bgl)	1.1.1.1.1.1.1	COLOR AND TYPE OF MATERIAL ENCOUNTERED -	WATER	ESTIMATED
	FROM TO	THICKNESS (feet)	INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)		YIELD FOR WATER- BEARING ZONES (gpm)
	0 14	14	Sand, Fine-grained, poorly graded, unconsolidated, with Caliche, 7.5 YR 7/	6, Re Y VN	
	14 34	20	Caliche,Broken with fine-grained sand, 7.5 YR 7/6, Reddish Yellow	Y √N	1
	34 39	5	Sand, Fine-grained, poorly graded, 5 YR 5/6, Reddish Yellow	Y √N	
	39 49	10	Sand, Fine-grained, poorly graded, unconsolidated, with clay, 7.5 YR 7/6, H	Reddi: Y √N	
	49 55	6	Clay, Stiff, with fine-grained sand, 5 YR 5/6, Reddish Yellow	Y √N	
1				Y N	1.
		2000		Y N	
5				Y N	
3				Y N	
				Y N	
3		-		Y N	
		-		Y N	
		-		Y N	
4. HIDROGEOLOGIC LOG OF WELL				Y N	
4				Y N	1
				Y N	
				Y N	
		1		Y N	
				Y N	
				Y N	
				Y N	
	METHOD USED TO	ESTIMATE YIEL	O OF WATER-BEARING STRATA:	TOTAL ESTIMATED	1.1.1.1
		AIR LIFT	BAILER OTHER – SPECIFY:	WELL YIELD (gpm):	0.00
NOIS			TACH A COPY OF DATA COLLECTED DURING WELL TESTING, INC IME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVE		
	MISCELLANFOUS	INFORMATION: 7	emporary well material removed and soil boring backfilled using dri	1 - C	
I' WIG ONLEWARD		b	elow ground surface(bgs), then hydrated bentonite chips ten feet bgs	ll cuttings from total d to surface.	epth to ten feer
TEOT, NIG OUTENVI		DRILL RIG SUPE	elow ground surface(bgs), then hydrated bentonite chips ten feet bgs RVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONS	to surrace.	
3. 1E31; KIG SUFERVI	PRINT NAME(S) OF Shane Eldridge, Ca THE UNDERSIGNE CORRECT RECORI AND THE PERMIT	F DRILL RIG SUPE meron Pruitt D HEREBY CERTI D OF THE ABOVE	RVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONS FIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELI DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL R 30 DAYS AFTER COMPLETION OF WELL DRILLING:	TRUCTION OTHER THE EF, THE FOREGOING ECORD WITH THE ST	HAN LICENSER
LEGT; NIG OUTENVI	PRINT NAME(S) OF Shane Eldridge, Ca THE UNDERSIGNE CORRECT RECORD AND THE PERMIT Jack Atkina	F DRILL RIG SUPE meron Pruitt D HEREBY CERT D OF THE ABOVE HOLDER WITHIN	RVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONS FIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELL DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL R 30 DAYS AFTER COMPLETION OF WELL DRILLING: Jackie D. Atkins	TRUCTION OTHER THE FOREGOING ECORD WITH THE ST 7/15/2022	HAN LICENSEI
SIGNATURE 3. LEGT; NIG SUFERN	PRINT NAME(S) OF Shane Eldridge, Ca THE UNDERSIGNE CORRECT RECORD AND THE PERMIT Jack Atkina	F DRILL RIG SUPE meron Pruitt D HEREBY CERT D OF THE ABOVE HOLDER WITHIN	RVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONS FIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELI DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL R 30 DAYS AFTER COMPLETION OF WELL DRILLING:	TRUCTION OTHER THE EF, THE FOREGOING ECORD WITH THE ST	HAN LICENSEI
	PRINT NAME(S) OF Shane Eldridge, Ca THE UNDERSIGNE CORRECT RECORD AND THE PERMIT Jack Atkina	F DRILL RIG SUPE meron Pruitt D HEREBY CERTI O OF THE ABOVE HOLDER WITHIN	RVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONS FIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELI DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL R 30 DAYS AFTER COMPLETION OF WELL DRILLING: Jackie D. Atkins ER / PRINT SIGNEE NAME	TRUCTION OTHER THE FOREGOING ECORD WITH THE ST 7/15/2022	HAN LICENSEI

05E 017 J. J. 15 2022 M 1 - 5-



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Water Quality Samples for the Nation

To view additional data-quality attributes, output the results using these options: one result per row, expanded attributes.

Additional precautions are <u>here</u>.

USGS 320118104574401 26S.29E.22.330

Available data for this site Water-Quality: Field/Lab samples

Eddy County, New Mexico Hydrologic Unit Code 13070001 Latitude 32°01'20", Longitude 103°58'42" NAD27 Land-surface elevation 2,885 feet above NGVD29 This well is completed in the Other aquifers (N99990THER) national aquifer. This well is completed in the Rustler Formation (312RSLR) local aquifer.

Output formats							
Parameter Group Period of Record table							
Inventory of available water-quality data for printing							
Inventory of water-quality data with retrieval							
Tab-separated data, one result per row							
Tab-separated data one sample per row with remark codes combined with values							
Tab-separated data one sample per row with tab-delimiter for remark codes							
Reselect output format							

Sample \$	Time datum \$	Time datum reliability code	Sample Medium Code	Depth of well, feet below LSD (72008)
1975-03-25	MDT	Т	WG	115.0

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https://nwis.waterdata.usgs.gov/...ide&rdb_qw_attributes=0&date_format=YYYY-MM-DD&rdb_compression=file&submitted_form=brief_list[6/27/2023 9:17:48 PM]

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APPENDIX C

Lithologic Soil Sampling Logs

								Sample Name: SS01	Date: 4/11/23		
			N	5	ΟΙ	M	Site Name: East Pecos Federal 2 Incident Number: nAPP2310336				
				-				Job Number: 03A1987076			
					AMPLING						
Caard					AWPLING	ILUG		Logged By: Ronni Hayes	Method: Backhoe Total Depth: 6 ft		
				.9799410		alorido Tost	String and	Hole Diameter: ~3ft I PID for chloride and vapor, res			
perfor	pectively. Chloride test										
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions			
					Ţ	L O					
Dry	1,316	22.5	Y	SS01	- - 1 -	- - - - -	SP-SM	SAND, odor, staining, ligh pieces of CALICHE, poorly			
Wet	1,764	7.9	Y	SS01A	2	- 2 	SP-SM	SAND, odor, staining, ligh sorted	t brown sand, poorly		
Wet	1,646	2.1	Y	SS01B	3 -	- 3	SP-SM	SAND, odor, staining, poorly sorted, medium brown, pieces of CALICHE gravel			
Wet	582	1.5	Y	SS01C	4 _	- 4 - 4	SP-SM	SAND, staining, poorly sorted, medium brown, pieces of CALICHE gravel			
Wet	470	2.0	N	SS01D	5	- - -	SP-SM	SAND, poorly sorted, med pieces of CALICHE gravel	lium brown sand,		
Wet	582	1.1	N	SS01E	6 _	- 6 -	SP-SM	SAND, poorly sorted, dark of CALICHE gravel, coarse			
Total Depth 6'											
$\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	-										

								Sample Name: SS02	Date: 4/11/23		
				C				Site Name: East Pecos Federal			
					ΟΙ			Incident Number: nAPP23103			
							Job Number: 03A1987076				
								Logged By: Ronni Hayes	Method: Backhoe		
Coordi		2.020908,						Hole Diameter: ~3ft	Total Depth: 8'		
					vith HACH Ch	loride Test S	Strips and	PID for chloride and vapor, res	pectively. Chloride test		
perfor	med with	n 1:4 dilut	ion fa	actor of soi	l to distilled	factor included.					
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic	Descriptions		
Dry	246	21.4	Y	SS02	1 - 1 -	0 1 1	SP-SM	SAND, odor, staining, po dark brown sand	oorly sorted, cohesive		
Wet	3,69	35	Y	SS02A	2 _	2 2	SP-SM	SAND, odor, staining, po dark brown sand	oorly sorted, cohesive		
Wet	868	3.9	Y	SSO2B	3	3	SP-SM	1 SAND, odor, staining, poorly sorted, cohesive dark brown sand			
Wet	1,646	1.0	Y	SS02C	4	4	SP-SM	1 SAND, odor, staining, poorly sorted, cohesive light brown sand with CALICHE gravel			
Wet	868	1.0	N	SS02D	5	5 	SP-SM	SAND, odor, staining, po light brown sand with C/			
Wet	789	5.0	N	SS02E	6	- 6 -	SP-SM	SAND, odor, staining, po dark brown sand with Cl			
Wet	649	0.9	N	SS02F	7 _	- - -	SP-SM	SAND, odor, staining, po dark brown sand with Cl	-		
Wet	582	1.1	N	SS02G	8 _ - -	- 8 - 8	SP-SM	SAND, odor, staining, po dark brown sand with Cl	-		
 						Tota	al Depth	۱ <u>8</u> '			
	Total Depth 8'										

.

								Sample Name: SS03	Date: 5/8/23		
				C				Site Name: East Pecos 22-3H			
			N	2	ΟΙ	- U		Incident Number: nAPP2310336531			
						Job Number: 03A1987076					
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Cole	Method: Backhoe		
Coordi				3.9791165				Hole Diameter: 2'	Total Depth: 10'		
						Titration Kit	. respectiv	vely. Chloride test performed with :			
	distilled water. No correction factors included.										
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Des	scriptions		
					L	<u> </u>					
Dry	470	0.8	Y	SS02	- - 1 - -	- - - - - 2	SP-SM	SAND, poorly sorted, cohesi TD at 1 ft bgs	ve with poor grading		
D	1000		N	SS03A	- - - - - - -	- - - - - -	SP-SM	Sand: fine - med grained, large sized gravel, no odor, non plastic , non cohesive, light brown			
D	1200		N	SSO3B	4	4	SP-SM	Sand: fine - med grained, odor, non plastic , non co			
D	700		N	SS03D	5	- 5 -	SP-SM	Sand: fine - med grained, odor, non plastic , non co			
D	500		N	SS03E	6 _	6	SP-SM	Sand: fine - med grained, odor, non plastic , non co			
D	700		Ν	SS03F	7 -	- 7 	SP-SM				
D	400	N		SS02H	9 _	9 9	SP-SM	Sand: fine - med grained, odor, non plastic , non co			
D	450	Ν		SS021	10 _	10	SP-SM	Sand: fine - med grained, odor, non plastic , non co			
						Tota	al depth	10'			
Í											

								Sample Name: BH01	Date: 4/17/23
				C				Site Name: East Pecos Federal 22	
				$\mathbf{>}$. U		Incident Number: nAPP23103365	
								Job Number: 03A1987076	
	L	ITHOLO	GIC	/ SOIL SA	AMPLING	LOG		Logged By: Ronni Hayes	Method: Hand Auger
LITHOLOGIC / SOIL SAMPLING LOG Coordinates: 32.020843, -103.979386								Hole Diameter: ~6"	Total Depth: 3.5'
								for chloride and vapor, respective	ly. Chloride test performed
with 1:4 o	dilution fa	actor of s	oil to	distilled wa	ater. 40% co	rrection fact	or include	d.	
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions	
					L	L O			
Dry	2,604	5.5	Y	BH01	0.5	0.5	SP-SM	SAND, tan colored, noncohe odor, non-plastic, poorly gra	-
Moist	1,036	5.3	Y	BH01A	1 -	- 1 -	SP-SC	SAND, moist, cohesive, darl medium plasticity, poorly g	
Moist	1,310	2.7	N	BH01B	2	2	SP-SC	SAND, moist, cohesive, darl medium plasticity, poorly g	
Moist	873	1.5	N	BH01C	3	- 3	SP-SM	SAND, moist, noncohesive, icity, poorly graded, odor, s	
Moist	873	3.5	Ν	BH01D	3.5	3.5	SP-SM	SAND, moist, noncohesive,	
						Total	l Depth 3	icity, poorly graded, odor, s	ome ilmestone gravei

								Sample Name: BH02	Date: 1/18/24
-				C	\sim 1			Site Name: East Pecos Federal 22	
			V	\mathbf{D}		. U		Incident Number: nAPP23103365	
								Job Number: 03A1987076	
	L	ITHOLO	GIC	/ SOIL SA	AMPLING	LOG		Logged By: Cole Burton	Method: Hand Auger
								Hole Diameter: ~6"	Total Depth: 2.5
					Mohr Chlor	or chloride and Petroflag for TPH.			
1:1 dilutio	on factor	of soil to	distil	led water.					
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions	
Dry	1,200		N	BH02	1 0 	⊥ 0	ССНЕ	Caliche	
Moist	500		N	BH02	1 -	- 1 -	SP-SC	SAND, moist, cohesive, dar medium plasticity, poorly g	
Moist	500		Ν	BH02	2	2	SP-SC	SAND, moist, cohesive, dar	k brown, small clods,
Moist	300	58	N	BH02	2.5	2.5	SP-SC	medium plasticity, poorly g SAND, moist, cohesive, darl medium plasticity, poorly g	k brown, small clods,

				Sample Name: BH03	Date: 1/18/24			
	IN D	OLU	Incident Number: nAPP2310336531					
			Job Number: 03A1987076					
LITH		AMPLING LOG		Logged By: Cole Burton	Method: Hand Auger			
Coordinates: 32.02069			Hole Diameter: ~6"	Total Depth: 1'				
		Mohr Chloride Titratic	or chloride and Petroflag for TPI	I. Chloride test performed with				
1:1 dilution factor of so	bil to distilled water.							
Moisture Content Chloride (ppm)	Staining Sample ID	Sample Depth (ft bgs)		Lithologic Descriptions				
Dry 250 5	7 N BH02	0 <u> </u> 0	CCHE	Caliche				
Moist	N BH02		SP-SC	SAND, moist, cohesive, da medium plasticity, poorly				
		Tot	al Depth	1'				
•

								Sample Name: SS07	Date: 7/16/2024					
				~				Site Name: East Pecos Federal 22-						
							Incident Number: nAPP2310336531							
								Job Number: 03A1987076						
								Logged By: Bowan Simmons	Method: Trackhoe					
LITHOLOGIC / SOIL SAMPLING LOG Coordinates: 32.02079, -103.97920								Hole Diameter: 4'	Total Depth: 8'					
					ith HACH Ch	loride Test S	trins for c	hloride. Chloride test performed w						
				on factors i										
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Des	scriptions					
D			N	SS07	0	10 - -	CCHE	E Caliche - Tan, No stain, No odor, Large grav						
D			Ν	SS07	1 _	1 		Silt with gravel - Dark brow grave						
D			N	SS07	2	2								
D	1,181		N	SS07	- - 3	- - - 3 -								
D	1,825		N	SS07	4 _	- - 4 -		Silt with gravel - Tan, Non-cohesive, Large						
D	1,478		N	SS07	5	- _ 5 -	ML							
D			N	SS07	6	- - 6 -								
D	1,372		N	SS07	7 _	- 7								
D	1,271		N	SS07	8_	8								
					-	-	LS	- Limestone Conglomerate cemei						
 						9 Tot:	<u>I</u> al Depth							
I						100	a Depti							
			_											



APPENDIX D

Photographic Log

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APPENDIX E

Laboratory Analytical Reports & Chain-of-Custody Documentation

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Analytical Report

Devon Energy - Carlsbad

Project Name:

East Pecos Federal 22 #003H

Work Order: E304066

Job Number: 01058-0007

Received: 4/13/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/19/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 4/19/23

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: East Pecos Federal 22 #003H Workorder: E304066 Date Received: 4/13/2023 8:20:00AM

Ashley Giovengo,

engo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/13/2023 8:20:00AM, under the Project Name: East Pecos Federal 22 #003H.

The analytical test results summarized in this report with the Project Name: East Pecos Federal 22 #003H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe Technical Representative/Client Services

Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan Technical Representative Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com





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Sample Summary

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		Sampic Sum	mai y			
Devon Energy - Carlsbad		Project Name:	East Pecos Federal	22 #003H	Reported:	
6488 7 Rivers Hwy		Project Number:	01058-0007		Reported.	
Artesia NM, 88210		Project Manager:	Ashley Giovengo		04/19/23 14:00	
lient Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container	
501	E304066-01A	Soil	04/11/23	04/13/23	Glass Jar, 2 oz.	
601D	E304066-02A	Soil	04/11/23	04/13/23	Glass Jar, 2 oz.	
02	E304066-03A	Soil	04/11/23	04/13/23	Glass Jar, 2 oz.	
02C	E304066-04A	Solid	04/11/23	04/13/23	Glass Jar, 2 oz.	
02G	E304066-05A	Soil	04/11/23	04/13/23	Glass Jar, 2 oz.	
03	E304066-06A	Soil	04/11/23	04/13/23	Glass Jar, 2 oz.	
04	E304066-07A	Soil	04/11/23	04/13/23	Glass Jar, 2 oz.	
05	E304066-08A	Soil	04/11/23	04/13/23	Glass Jar, 2 oz.	
06	E304066-09A	Soil	04/11/23	04/13/23	Glass Jar, 2 oz.	
07	E304066-10A	Soil	04/11/23	04/13/23	Glass Jar, 2 oz.	



	\sim							
Devon Energy - Carlsbad	Project Name	e: East	Pecos Federal 22					
6488 7 Rivers Hwy	Project Num	ber: 010	er: 01058-0007					
Artesia NM, 88210	Project Mana	ager: Ash	ley Giovengo			4/19/2023 2:00:07PM		
		SS01						
		E304066-01						
		Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2315068		
Benzene	ND	0.0250	1	04/13/23	04/14/23			
Ethylbenzene	ND	0.0250	1	04/13/23	04/14/23			
Toluene	ND	0.0250	1	04/13/23	04/14/23			
o-Xylene	ND	0.0250	1	04/13/23	04/14/23			
o,m-Xylene	ND	0.0500	1	04/13/23	04/14/23			
Total Xylenes	ND	0.0250	1	04/13/23	04/14/23			
urrogate: 4-Bromochlorobenzene-PID		96.1 %	70-130	04/13/23	04/14/23			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2315068		
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/13/23	04/14/23			
urrogate: 1-Chloro-4-fluorobenzene-FID		96.3 %	70-130	04/13/23	04/14/23			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	ıt: JL		Batch: 2315070		
Diesel Range Organics (C10-C28)	ND	25.0	1	04/13/23	04/15/23			
Dil Range Organics (C28-C36)	ND	50.0	1	04/13/23	04/15/23			
Gurrogate: n-Nonane		99.8 %	50-200	04/13/23	04/15/23			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2315067		
Chloride	454	20.0	1	04/13/23	04/14/23			



Sample Data

	5	ampic D	ata				
Devon Energy - Carlsbad	Project Name	:: East	Pecos Federal 22	#003H			
6488 7 Rivers Hwy	Project Numb	oer: 010	58-0007		Reported:		
Artesia NM, 88210	Project Mana	ger: Ash	ley Giovengo			4/19/2023 2:00:07PM	
		SS01D					
		E304066-02					
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2315068	
Benzene	ND	0.0250	1	04/13/23	04/14/23		
Ethylbenzene	ND	0.0250	1	04/13/23	04/14/23		
Toluene	ND	0.0250	1	04/13/23	04/14/23		
o-Xylene	ND	0.0250	1	04/13/23	04/14/23		
o,m-Xylene	ND	0.0500	1	04/13/23	04/14/23		
Fotal Xylenes	ND	0.0250	1	04/13/23	04/14/23		
urrogate: 4-Bromochlorobenzene-PID		93.7 %	70-130	04/13/23	04/14/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2315068	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/13/23	04/14/23		
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.9 %	70-130	04/13/23	04/14/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2315070	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/13/23	04/15/23		
Dil Range Organics (C28-C36)	ND	50.0	1	04/13/23	04/15/23		
Surrogate: n-Nonane		95.3 %	50-200	04/13/23	04/15/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2315067	
Chloride	329	20.0	1	04/13/23	04/14/23		



Sample Data

	impic D					
Project Name:	East	Pecos Federal	22 #003H			
Project Numbe	r: 0105	58-0007		Reported:		
Project Manage	er: Ash	r: Ashley Giovengo				
	SS02					
]	E304066-03					
	Reporting					
Result	Limit	Dilution	Prepared	Analyzed	Notes	
mg/kg	mg/kg	Ana	lyst: IY		Batch: 2315068	
ND	0.0250	1	04/13/23	04/14/23		
ND	0.0250	1	04/13/23	04/14/23		
ND	0.0250	1	04/13/23	04/14/23		
ND	0.0250	1	04/13/23	04/14/23		
ND	0.0500	1	04/13/23	04/14/23		
ND	0.0250	1	04/13/23	04/14/23		
	96.4 %	70-130	04/13/23	04/14/23		
mg/kg	mg/kg	Ana	lyst: IY		Batch: 2315068	
ND	20.0	1	04/13/23	04/14/23		
	97.2 %	70-130	04/13/23	04/14/23		
mg/kg	mg/kg	Ana	lyst: JL		Batch: 2315070	
192	25.0	1	04/13/23	04/15/23		
61.6	50.0	1	04/13/23	04/15/23		
	98.5 %	50-200	04/13/23	04/15/23		
mg/kg	mg/kg	Ana	lyst: BA		Batch: 2315067	
212	20.0	1	04/13/23	04/14/23		
	Project Name: Project Numbe Project Manage Result mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND	Image Image Project Name: East Project Namager: 0102 Project Manager: Ashi Project Manager: Ashi SS02 E304066-03 Resolt Limit mg/kg mg/kg ND 0.0250 ND 20.0 96.4 % mg/kg mg/kg mg/kg 192 25.0 61.6 50.0 98.5 % mg/kg	I Project Name: East Pecos Federal Project Namager: 01058-0007 Project Manager: Ashley Giovengo SS02 I E304066-03 Dilution Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 20.0 1 Mg/kg mg/kg Ana Mg/kg S0.0 <th1< th=""> 98.5 %</th1<>	I Project Name: East Pecos Federal 22 #003H Project Number: 01058-0007 Project Manager: Ashley Giovengo SS02 E304066-03 Result Dilution Prepared Result Dilution Prepared MD 0.0250 1 04/13/23 ND 20.0 1 04/13/23 mg/kg mg/kg Mg/kg Analyst: JL 1	Project Name: East Pecos Federal 22 #003H Project Number: 01058-0007 Project Manager: Ashley Giovengo SS02 E304066-03 Result Dilution Prepared Analyzed Mp/g mg/kg Analyst: IY V ND 0.0250 1 04/13/23 04/14/23 ND 20.0 1 04/13/23 04/14/23 mg/kg mg/kg Mg/kg Analyst	

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Devon Energy - Carlsbad	Project Name	e: East	Pecos Federal 22	2 #003H			
6488 7 Rivers Hwy	Project Numl	ber: 010	58-0007		Reported: 4/19/2023 2:00:07PM		
Artesia NM, 88210	Project Mana	ager: Ash	ley Giovengo				
		SS02C					
		E304066-04					
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: IY		Batch: 2315068	
Benzene	ND	0.0250	1	04/13/23	04/14/23		
Ethylbenzene	ND	0.0250	1	04/13/23	04/14/23		
Toluene	ND	0.0250	1	04/13/23	04/14/23		
p-Xylene	ND	0.0250	1	04/13/23	04/14/23		
o,m-Xylene	ND	0.0500	1	04/13/23	04/14/23		
Fotal Xylenes	ND	0.0250	1	04/13/23	04/14/23		
Surrogate: 4-Bromochlorobenzene-PID		94.5 %	70-130	04/13/23	04/14/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2315068	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/13/23	04/14/23		
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.0 %	70-130	04/13/23	04/14/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2315070	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/13/23	04/15/23		
Dil Range Organics (C28-C36)	ND	50.0	1	04/13/23	04/15/23		
Surrogate: n-Nonane		96.1 %	50-200	04/13/23	04/15/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: BA		Batch: 2315067	
Chloride	916	20.0	1	04/13/23	04/14/23		



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Devon Energy - Carlsbad	Project Name	e: East	Pecos Federal 22			
6488 7 Rivers Hwy	Project Num	ber: 010	58-0007		Reported:	
Artesia NM, 88210	Project Mana	ager: Ash	ley Giovengo			4/19/2023 2:00:07PM
		SS02G				
		E304066-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2315068
Benzene	ND	0.0250	1	04/13/23	04/14/23	
Ethylbenzene	ND	0.0250	1	04/13/23	04/14/23	
Foluene	ND	0.0250	1	04/13/23	04/14/23	
p-Xylene	ND	0.0250	1	04/13/23	04/14/23	
o,m-Xylene	ND	0.0500	1	04/13/23	04/14/23	
Total Xylenes	ND	0.0250	1	04/13/23	04/14/23	
Surrogate: 4-Bromochlorobenzene-PID		94.7 %	70-130	04/13/23	04/14/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2315068
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/13/23	04/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.1 %	70-130	04/13/23	04/14/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2315070
Diesel Range Organics (C10-C28)	ND	25.0	1	04/13/23	04/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/13/23	04/15/23	
Surrogate: n-Nonane		96.8 %	50-200	04/13/23	04/15/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2315067
Chloride	1410	100	5	04/13/23	04/14/23	



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Devon Energy - Carlsbad	Project Name:	East	Pecos Federal 2	2 #003H		
6488 7 Rivers Hwy	Project Numb	er: 010:	58-0007			Reported: 4/19/2023 2:00:07PM
Artesia NM, 88210	Project Manag	ger: Ash	ley Giovengo			
		SS03				
		E304066-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: IY		Batch: 2315068
Benzene	ND	0.0250	1	04/13/23	04/14/23	
Ethylbenzene	ND	0.0250	1	04/13/23	04/14/23	
Toluene	ND	0.0250	1	04/13/23	04/14/23	
o-Xylene	ND	0.0250	1	04/13/23	04/14/23	
p,m-Xylene	ND	0.0500	1	04/13/23	04/14/23	
Total Xylenes	ND	0.0250	1	04/13/23	04/14/23	
Surrogate: 4-Bromochlorobenzene-PID		95.2 %	70-130	04/13/23	04/14/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: IY		Batch: 2315068
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/13/23	04/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.3 %	70-130	04/13/23	04/14/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: JL		Batch: 2315070
Diesel Range Organics (C10-C28)	ND	25.0	1	04/13/23	04/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/13/23	04/15/23	
Surrogate: n-Nonane		97.1 %	50-200	04/13/23	04/15/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: BA		Batch: 2315067
Chloride	665	20.0	1	04/13/23	04/14/23	



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Devon Energy - Carlsbad	Project Name	e: East	Pecos Federal 22	2 #003H			
6488 7 Rivers Hwy	Project Num	ber: 010	58-0007			Reported: 4/19/2023 2:00:07PM	
Artesia NM, 88210	Project Mana	ager: Ash	ley Giovengo				
		SS04					
		E304066-07					
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2315068	
Benzene	ND	0.0250	1	04/13/23	04/14/23		
Ethylbenzene	ND	0.0250	1	04/13/23	04/14/23		
Toluene	ND	0.0250	1	04/13/23	04/14/23		
p-Xylene	ND	0.0250	1	04/13/23	04/14/23		
o,m-Xylene	ND	0.0500	1	04/13/23	04/14/23		
Total Xylenes	ND	0.0250	1	04/13/23	04/14/23		
Surrogate: 4-Bromochlorobenzene-PID		94.7 %	70-130	04/13/23	04/14/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2315068	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/13/23	04/14/23		
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.8 %	70-130	04/13/23	04/14/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2315070	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/13/23	04/15/23		
Oil Range Organics (C28-C36)	ND	50.0	1	04/13/23	04/15/23		
Surrogate: n-Nonane		97.1 %	50-200	04/13/23	04/15/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: BA		Batch: 2315067	
Chloride	41.6	20.0	1	04/13/23	04/14/23		

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Devon Energy - Carlsbad	Project Name	e: East	Pecos Federal 22				
6488 7 Rivers Hwy	Project Numb	ber: 010	58-0007			Reported:	
Artesia NM, 88210	Project Mana	iger: Ash	ley Giovengo	4/19/2023 2:00:07PM			
		SS05					
		E304066-08					
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	Analyst: IY		Batch: 2315068	
Benzene	ND	0.0250	1	04/13/23	04/14/23		
Ethylbenzene	ND	0.0250	1	04/13/23	04/14/23		
Toluene	ND	0.0250	1	04/13/23	04/14/23		
p-Xylene	ND	0.0250	1	04/13/23	04/14/23		
o,m-Xylene	ND	0.0500	1	04/13/23	04/14/23		
Total Xylenes	ND	0.0250	1	04/13/23	04/14/23		
Surrogate: 4-Bromochlorobenzene-PID		93.8 %	70-130	04/13/23	04/14/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	: IY		Batch: 2315068	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/13/23	04/14/23		
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.7 %	70-130	04/13/23	04/14/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst	: JL		Batch: 2315070	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/13/23	04/15/23		
Oil Range Organics (C28-C36)	ND	50.0	1	04/13/23	04/15/23		
Surrogate: n-Nonane		97.0 %	50-200	04/13/23	04/15/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	: BA		Batch: 2315067	
Chloride	566	400	20	04/13/23	04/14/23		



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Devon Energy - Carlsbad	Project Name	: East	Pecos Federal 22	#003H			
6488 7 Rivers Hwy	Project Numb	oer: 010	58-0007		Reported:		
Artesia NM, 88210	Project Manag	ger: Ash	ley Giovengo			4/19/2023 2:00:07PM	
		SS06					
		E304066-09					
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	: IY		Batch: 2315068	
Benzene	ND	0.0250	1	04/13/23	04/14/23		
Ethylbenzene	ND	0.0250	1	04/13/23	04/14/23		
Toluene	ND	0.0250	1	04/13/23	04/14/23		
o-Xylene	ND	0.0250	1	04/13/23	04/14/23		
o,m-Xylene	ND	0.0500	1	04/13/23	04/14/23		
Fotal Xylenes	ND	0.0250	1	04/13/23	04/14/23		
urrogate: 4-Bromochlorobenzene-PID		94.4 %	70-130	04/13/23	04/14/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	: IY		Batch: 2315068	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/13/23	04/14/23		
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.7 %	70-130	04/13/23	04/14/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst	: JL		Batch: 2315070	
Diesel Range Organics (C10-C28)	63.3	25.0	1	04/13/23	04/15/23		
Dil Range Organics (C28-C36)	ND	50.0	1	04/13/23	04/15/23		
Surrogate: n-Nonane		99.2 %	50-200	04/13/23	04/15/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	: BA		Batch: 2315067	
Chloride	ND	400	20	04/13/23	04/14/23		



Sample Data

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Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 010	: Pecos Federal 22 58-0007 ley Giovengo	#003H		Reported: 4/19/2023 2:00:07PM
		SS07				
		E304066-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	: IY		Batch: 2315068
Benzene	ND	0.0250	1	04/13/23	04/14/23	
Ethylbenzene	ND	0.0250	1	04/13/23	04/14/23	
Toluene	ND	0.0250	1	04/13/23	04/14/23	
o-Xylene	ND	0.0250	1	04/13/23	04/14/23	
o,m-Xylene	ND	0.0500	1	04/13/23	04/14/23	
Fotal Xylenes	ND	0.0250	1	04/13/23	04/14/23	
urrogate: 4-Bromochlorobenzene-PID		92.7 %	70-130	04/13/23	04/14/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	: IY		Batch: 2315068
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/13/23	04/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.1 %	70-130	04/13/23	04/14/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst	: JL		Batch: 2315070
Diesel Range Organics (C10-C28)	193	25.0	1	04/13/23	04/15/23	
Dil Range Organics (C28-C36)	233	50.0	1	04/13/23	04/15/23	
Surrogate: n-Nonane		97.3 %	50-200	04/13/23	04/15/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	: BA		Batch: 2315067
Chloride	1320	400	20	04/13/23	04/14/23	



QC Summary Data

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Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		ast Pecos Fede 1058-0007	eral 22 #00	3Н			Reported:
-		-							4/10/2022 2 00 0701
Artesia NM, 88210		Project Manager:	A	shley Gioveng	go				4/19/2023 2:00:07PM
		Volatile O	rganics l	oy EPA 802	21B				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2315068-BLK1)							Prepared: 0	4/13/23 A	analyzed: 04/18/23
Benzene	ND	0.0250					•		•
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0230							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.68	0.0230	8.00		96.0	70-130			
LCS (2315068-BS1)							Prepared: 0	4/13/23 A	analyzed: 04/18/23
Benzene	4.72	0.0250	5.00		94.5	70-130	*		•
Ethylbenzene	4.73	0.0250	5.00		94.5	70-130			
Toluene	4.84	0.0250	5.00		96.7	70-130			
p-Xylene	4.83	0.0250	5.00		96.5	70-130			
p,m-Xylene	9.62	0.0500	10.0		96.2	70-130			
Total Xylenes	14.4	0.0250	15.0		96.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.69	0.0250	8.00		96.1	70-130			
Matrix Spike (2315068-MS1)				Source:	E304067-0	01	Prepared: 0	4/13/23 A	analyzed: 04/18/23
Benzene	3.95	0.0250	5.00	ND	79.0	54-133	1		J
Ethylbenzene	3.93	0.0250	5.00	ND	78.6	61-133			
Toluene	4.04	0.0250	5.00	ND	80.8	61-130			
o-Xylene	4.01	0.0250	5.00	ND	80.3	63-131			
p,m-Xylene	8.01	0.0230	10.0	ND	80.3	63-131			
Total Xylenes	12.0	0.0250	15.0	ND	80.2	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.60	0.0230	8.00		94.9	70-130			
Matrix Spike Dup (2315068-MSD1)				Source:	E304067-0	01	Prepared: 0	4/13/23 A	analyzed: 04/14/23
	4 17	0.0250	5.00				-		analyzed: 04/14/23
Benzene	4.17 4.16	0.0250	5.00	ND	83.4	54-133	5.41	20	analyzed: 04/14/23
Benzene Ethylbenzene	4.16	0.0250	5.00	ND ND	83.4 83.2	54-133 61-133	5.41 5.61	20 20	analyzed: 04/14/23
Benzene Ethylbenzene Toluene	4.16 4.27	0.0250 0.0250	5.00 5.00	ND ND ND	83.4 83.2 85.3	54-133 61-133 61-130	5.41 5.61 5.46	20 20 20	analyzed: 04/14/23
Benzene Ethylbenzene Toluene o-Xylene	4.16 4.27 4.24	0.0250 0.0250 0.0250	5.00 5.00 5.00	ND ND ND ND	83.4 83.2 85.3 84.8	54-133 61-133 61-130 63-131	5.41 5.61 5.46 5.44	20 20 20 20	analyzed: 04/14/23
Benzene Ethylbenzene Toluene	4.16 4.27	0.0250 0.0250	5.00 5.00	ND ND ND	83.4 83.2 85.3	54-133 61-133 61-130	5.41 5.61 5.46	20 20 20	analyzed: 04/14/23



QC Summary Data

		QC D	u 111111	ary Data	4				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	(East Pecos Fede)1058-0007 Ashley Gioveng		93H			Reported: 4/19/2023 2:00:07PM
Artesia NM, 88210		, ,		, ,					4/19/2023 2.00.0/FM
	Noi	nhalogenated O	organics	s by EPA 801	15D - GI	KO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2315068-BLK1)							Prepared: 0	4/13/23 A	Analyzed: 04/18/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.47		8.00		93.4	70-130			
LCS (2315068-BS2)							Prepared: 0	4/13/23 A	Analyzed: 04/14/23
Gasoline Range Organics (C6-C10)	49.1	20.0	50.0		98.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.71		8.00		96.4	70-130			
Matrix Spike (2315068-MS2)				Source:	E304067-	01	Prepared: 0	4/13/23 A	Analyzed: 04/14/23
Gasoline Range Organics (C6-C10)	49.5	20.0	50.0	ND	98.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.88		8.00		98.5	70-130			
Matrix Spike Dup (2315068-MSD2)				Source:	E304067-	01	Prepared: 0	4/13/23 A	Analyzed: 04/14/23
Gasoline Range Organics (C6-C10)	49.7	20.0	50.0	ND	99.5	70-130	0.591	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.86		8.00		98.3	70-130			



QC Summary Data

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Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:		East Pecos Feder 01058-0007 Ashley Giovenge)3H			Reported: 4/19/2023 2:00:07PM
	Nonha	alogenated Org	anics b	y EPA 8015D	- DRO	/ORO			Analyst: JL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2315070-BLK1)							Prepared: 0	4/13/23 A	Analyzed: 04/14/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.7		50.0		99.4	50-200			
LCS (2315070-BS1)							Prepared: 0	4/13/23 A	Analyzed: 04/14/23
Diesel Range Organics (C10-C28)	256	25.0	250		103	38-132			
Surrogate: n-Nonane	47.6		50.0		95.1	50-200			
Matrix Spike (2315070-MS1)				Source: I	E 304071 -	01	Prepared: 0	4/13/23 A	Analyzed: 04/14/23
Diesel Range Organics (C10-C28)	261	25.0	250	ND	105	38-132			
Surrogate: n-Nonane	49.1		50.0		98.1	50-200			
Matrix Spike Dup (2315070-MSD1)				Source: I	E304071-	01	Prepared: 0	4/13/23 A	Analyzed: 04/14/23
Diesel Range Organics (C10-C28)	273	25.0	250	ND	109	38-132	4.46	20	
Surrogate: n-Nonane	49.4		50.0		98.8	50-200			



QC Summary Data

		QU N	umm	ary Dat						
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager	(East Pecos Fede 11058-0007 Ashley Gioveng		3Н			Repor 4/19/2023 2	
		Anions	by EPA	300.0/90564	۱				Analyst: I	BA
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	t	otes
Blank (2315067-BLK1)							Prepared: 0	4/13/23	Analyzed: 04	/14/23
Chloride	ND	20.0								
LCS (2315067-BS1)							Prepared: 0	4/13/23	Analyzed: 04	/14/23
Chloride	251	20.0	250		100	90-110				
Matrix Spike (2315067-MS1)				Source:	E304066-(01	Prepared: 0	4/13/23	Analyzed: 04	/14/23
Chloride	579	20.0	250	454	49.9	80-120			ľ	M2
Matrix Spike Dup (2315067-MSD1)				Source:	E304066-	01	Prepared: 0	4/13/23	Analyzed: 04	/14/23
Chloride	542	20.0	250	454	35.3	80-120	6.54	20	N	M2

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Devon Energy - Carlsbad	Project Name:	East Pecos Federal 22 #003H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	04/19/23 14:00

M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

W0710121208201

Page \ of

envirotech

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Client:	Devon Er	refau			Bill To	and and	321	La	b Use	Only	and the state	1	10.0	TA	Т	EPA	Ì
	East Peci Manager: A	shley	Gioven	Address: 53151	Suena Vista Dr	Lab E 2	wo#	100	60	DDS Nu	2-000	1	2D	3D	Standard	CWA	
City, State	3122 Nat e, Zip Car 675-988 agiovenyo ue by:	- OCSS	IM 882	Phone: 575 - 10 Email: 1, m. 60		DRO/ORO by 8015	GRO/DRO by 8015	8021			and Metho		ď	y		State UT AZ	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/OF	GRO/DF	BTEX by 8021	VOC by 8260	Metals 5010 Chloride 300.0	BG				-	Remark	
0400	4/11/23	5	1	5501	1				1		×		i			1	
0101)	1	5501D .	2						1						
1045				5502	3												
1118				SSOZC	4												_
1200				550ZG	5												_
1255				5503					-								_
1400				S504	7										-		
1430				5505	8												
1350				5566	9										1		
1355	1	Y	V	5507	10						4						
Addition	al Instruction	ns: Key	nt on i	e, CC agrovenge@ensolu	n. com & jim.rale	zy@	dur	n. 601	n O	m 50	imple a	esult.	5	1			
and the second sec				y of this sample. I am aware that tampering with or inf be grounds for legal action. <u>Sample</u>	entionally mislabelling the sample lo d by: Ronn: Hayes	ocation	ı,								eived on ice the day °C on subsequent d	and the second	F
Ju		an.	Date	111/23 1702 Michelle	tank 412			18		eceive	ed on ice:			se On	У		i
Mich	ed by: (Signature	mildle		-12-23 1500 Bin	ature) J Date 4-17	2-23	Time	100	т			6			<u>T3</u>		
Relinquishe	ed by: (Signature	e) 👌	Date	/12/28/945 Received by: (Sigo			Time Q.	20			mp °C	u					

samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

EPA Program **SDWA** RCRA

Received by OCD: 10/30/2024 7:27:18 AM

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

	Devon Energy - Carlsbad Da	ate Received:	04/13/23	08:20	Work Order ID:	E304066
Phone:	(505) 382-1211 Da	ate Logged In:	04/12/23	16:46	Logged In By:	Caitlin Christian
Email:	ashley.giovengo@wescominc.com D	le Date:	04/19/23	17:00 (4 day TAT)		
Chain o	of Custody (COC)					
1. Does	the sample ID match the COC?		Yes			
2. Does	the number of samples per sampling site location match	the COC	Yes			
3. Were	samples dropped off by client or carrier?		Yes	Carrier: Courier		
4. Was t	he COC complete, i.e., signatures, dates/times, requested	l analyses?	Yes			
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes		Commen	ts/Resolution
<u>Sample</u>	<u>Turn Around Time (TAT)</u>					
6. Did tl	he COC indicate standard TAT, or Expedited TAT?		Yes			
Sample	Cooler					
7. Was a	a sample cooler received?		Yes			
8. If yes	, was cooler received in good condition?		Yes			
9. Was t	he sample(s) received intact, i.e., not broken?		Yes			
10. Wer	e custody/security seals present?		No			
11. If ye	es, were custody/security seals intact?		NA			
12. Was 1	the sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are re minutes of sampling		Yes			
13. If nc	visible ice, record the temperature. Actual sample ter	nperature: 4°	С			
	<u>Container</u>	I · · · · —				
	aqueous VOC samples present?		No			
	VOC samples collected in VOA Vials?		NA			
	he head space less than 6-8 mm (pea sized or less)?		NA			
10. 15 m						
	a trip blank (TB) included for VOC analyses?		NA			
17. Was	a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers?					
17. Was 18. Are	a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers	collected?	NA			
17. Was 18. Are	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers	collected?	NA Yes			
 17. Was 18. Are 19. Is the Field La 	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers		NA Yes			
 Was Are Is the Field La Were 	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID?		NA Yes			
 Was Are Is the Field La Were 	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected?		NA Yes Yes Yes Yes			
 Was Are Is the Field L: Were 	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name?		NA Yes Yes Yes			
 17. Was 18. Are 19. Is the Field La 20. Were Sample 	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u>	ation:	NA Yes Yes Yes No			
 17. Was 18. Are 19. Is the Field La 20. Were Sample 21. Doe: 	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese	ation:	NA Yes Yes Yes No			
 Was Are Is the Field L: Were Sample 21. Doe: 22. Are	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved?	ation: erved?	NA Yes Yes Yes No No			
 17. Was 18. Are 19. Is the Field La 20. Were 20. Were 21. Doe: 22. Are 24. Is la 	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta	ation: erved?	NA Yes Yes Yes No			
 17. Was 18. Are 19. Is the Field La 20. Were 20. Were 21. Doe: 22. Are 24. Is la Multiph 	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta mase Sample Matrix	ation: erved? ıls?	NA Yes Yes Yes No No NA No			
 17. Was 18. Are 19. Is the Field La 20. Were 20. Were 21. Doc: 22. Are 24. Is la Multiph 26. Doc: 	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta <u>nase Sample Matrix</u> s the sample have more than one phase, i.e., multiphase?	ation: erved? ils?	NA Yes Yes Yes No No No			
 17. Was 18. Are 19. Is the Field La 20. Were 20. Were 21. Doc: 22. Are 24. Is la Multiph 26. Doc: 	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta mase Sample Matrix	ation: erved? ils?	NA Yes Yes Yes No No NA No			
 17. Was 18. Are 19. Is the Field L: 20. Were 21. Doe: 22. Are 24. Is la Multiph 26. Doe: 27. If yee Subcommendation 	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta <u>hase Sample Matrix</u> s the sample have more than one phase, i.e., multiphase? es, does the COC specify which phase(s) is to be analyzed <u>tract Laboratory</u>	ation: erved? ils? d?	NA Yes Yes Yes No No No			
 17. Was 18. Are 19. Is the Field La 20. Were 20. Were 21. Doe: 22. Are 24. Is la Multiph 26. Doe: 27. If yet Subcom 28. Are 	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta <u>hase Sample Matrix</u> s the sample have more than one phase, i.e., multiphase? es, does the COC specify which phase(s) is to be analyze	ation: erved? ils? d?	NA Yes Yes Yes No No No			

Signature of client authorizing changes to the COC or sample disposition.



envirotech Inc.

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5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





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Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name:

East Pecos Federal 22 #003H

Work Order: E304067

Job Number: 01058-0007

Received: 4/13/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/19/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 4/19/23

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: East Pecos Federal 22 #003H Workorder: E304067 Date Received: 4/13/2023 8:20:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/13/2023 8:20:00AM, under the Project Name: East Pecos Federal 22 #003H.

The analytical test results summarized in this report with the Project Name: East Pecos Federal 22 #003H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe Technical Representative/Client Services

Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan Technical Representative Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com



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r -		Sample Sum	mary		
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	East Pecos Federal 01058-0007 Ashley Giovengo	22 #003H	Reported: 04/19/23 14:01
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SSOIE	E304067-01A	Soil	04/11/23	04/13/23	Glass Jar, 2 oz.



	~					
Devon Energy - Carlsbad	Project Nam	e: East	Pecos Federal 2	2 #003H		
6488 7 Rivers Hwy	Project Num	ber: 010	58-0007			Reported:
Artesia NM, 88210	Project Man	ager: Ash	ley Giovengo	4/19/2023 2:01:34PM		
		SSOIE				
		E304067-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2315068
Benzene	ND	0.0250	1	04/13/23	04/14/23	
Ethylbenzene	ND	0.0250	1	04/13/23	04/14/23	
Foluene	ND	0.0250	1	04/13/23	04/14/23	
p-Xylene	ND	0.0250	1	04/13/23	04/14/23	
o,m-Xylene	ND	0.0500	1	04/13/23	04/14/23	
Fotal Xylenes	ND	0.0250	1	04/13/23	04/14/23	
Surrogate: 4-Bromochlorobenzene-PID		94.4 %	70-130	04/13/23	04/14/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2315068
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/13/23	04/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.7 %	70-130	04/13/23	04/14/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2315062
Diesel Range Organics (C10-C28)	ND	25.0	1	04/13/23	04/13/23	
Dil Range Organics (C28-C36)	ND	50.0	1	04/13/23	04/13/23	
Surrogate: n-Nonane		93.0 %	50-200	04/13/23	04/13/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: BA		Batch: 2315067
Chloride	904	20.0	1	04/13/23	04/14/23	

Sample Data



QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	0	ast Pecos Fede 1058-0007 shley Gioveng		3Н			Reported: 4/19/2023 2:01:34PM
		Volatile Or	rganics	by EPA 802	21B				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2315068-BLK1)							Prepared: 0	4/13/23 A	nalyzed: 04/18/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.68		8.00		96.0	70-130			
LCS (2315068-BS1)							Prepared: 0	4/13/23 A	nalyzed: 04/18/23
Benzene	4.72	0.0250	5.00		94.5	70-130			
Ethylbenzene	4.73	0.0250	5.00		94.5	70-130			
Toluene	4.84	0.0250	5.00		96.7	70-130			
o-Xylene	4.83	0.0250	5.00		96.5	70-130			
p,m-Xylene	9.62	0.0500	10.0		96.2	70-130			
Total Xylenes	14.4	0.0250	15.0		96.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.69		8.00		96.1	70-130			
Matrix Spike (2315068-MS1)				Source:	E304067-	01	Prepared: 0	4/13/23 A	nalyzed: 04/18/23
Benzene	3.95	0.0250	5.00	ND	79.0	54-133			
Ethylbenzene	3.93	0.0250	5.00	ND	78.6	61-133			
Toluene	4.04	0.0250	5.00	ND	80.8	61-130			
o-Xylene	4.01	0.0250	5.00	ND	80.3	63-131			
p,m-Xylene	8.01	0.0500	10.0	ND	80.1	63-131			
Total Xylenes	12.0	0.0250	15.0	ND	80.2	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.60		8.00		94.9	70-130			
Matrix Spike Dup (2315068-MSD1)				Source:	E304067-	01	Prepared: 0	4/13/23 A	nalyzed: 04/14/23
Benzene	4.17	0.0250	5.00	ND	83.4	54-133	5.41	20	
Ethylbenzene	4.16	0.0250	5.00	ND	83.2	61-133	5.61	20	
Toluene	4.27	0.0250	5.00	ND	85.3	61-130	5.46	20	
o-Xylene	4.24	0.0250	5.00	ND	84.8	63-131	5.44	20	
p,m-Xylene	8.45	0.0500	10.0	ND	84.5	63-131	5.31	20	
Total Xylenes	12.7	0.0250	15.0	ND	84.6	63-131	5.35	20	
Surrogate: 4-Bromochlorobenzene-PID	7.63		8.00		95.4	70-130			



OC Summary Data

		QU D	umm	aly Data	u				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	(East Pecos Fede)1058-0007 Ashley Gioveng		3Н			Reported: 4/19/2023 2:01:34PM
	Noi	nhalogenated (Organics	s by EPA 801	15D - GI	RO			Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2315068-BLK1)							Prepared: 0	4/13/23	Analyzed: 04/18/23
Gasoline Range Organics (C6-C10)	ND	20.0							-
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.47		8.00		93.4	70-130			
LCS (2315068-BS2)							Prepared: 0	4/13/23	Analyzed: 04/14/23
Gasoline Range Organics (C6-C10)	49.1	20.0	50.0		98.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.71		8.00		96.4	70-130			
Matrix Spike (2315068-MS2)				Source:	E304067-0	01	Prepared: 0	4/13/23	Analyzed: 04/14/23
Gasoline Range Organics (C6-C10)	49.5	20.0	50.0	ND	98.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.88		8.00		98.5	70-130			
Matrix Spike Dup (2315068-MSD2)				Source:	E304067-0	01	Prepared: 0	4/13/23	Analyzed: 04/14/23
Gasoline Range Organics (C6-C10)	49.7	20.0	50.0	ND	99.5	70-130	0.591	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.86		8.00		98.3	70-130			

QC Summary Data

		QC DI	u I I I I I I	ary Data	L				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:		East Pecos Feder 01058-0007 Ashley Giovenge)3Н			Reported: 4/19/2023 2:01:34PM
	Nonh	alogenated Orga	anics b	y EPA 8015D	- DRO	/ORO			Analyst: JL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2315062-BLK1)							Prepared: 0	4/12/23 A	Analyzed: 04/13/23
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND ND	25.0 50.0							
Surrogate: n-Nonane	53.2		50.0		106	50-200			
LCS (2315062-BS1)							Prepared: 0	4/12/23 A	Analyzed: 04/13/23
Diesel Range Organics (C10-C28)	268	25.0	250		107	38-132			
Surrogate: n-Nonane	53.5		50.0		107	50-200			
Matrix Spike (2315062-MS1)				Source: l	E 304057 -	09	Prepared: 0	4/12/23 A	Analyzed: 04/13/23
Diesel Range Organics (C10-C28)	260	25.0	250	ND	104	38-132			
Surrogate: n-Nonane	49.4		50.0		98.7	50-200			
Matrix Spike Dup (2315062-MSD1)				Source: l	E 304057 -	09	Prepared: 0	4/12/23 A	Analyzed: 04/13/23
Diesel Range Organics (C10-C28)	274	25.0	250	ND	110	38-132	5.37	20	
Surrogate: n-Nonane	52.2		50.0		104	50-200			



QC Summary Data

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Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager		East Pecos Fede 01058-0007 Ashley Gioveng		3Н			Reported: 4/19/2023 2:01:34PM
		Anions	by EPA	300.0/90564	۹				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2315067-BLK1)							Prepared: 0	4/13/23 A	nalyzed: 04/14/23
Chloride	ND	20.0							
LCS (2315067-BS1)							Prepared: 0	4/13/23 A	nalyzed: 04/14/23
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2315067-MS1)				Source:	E304066-0	01	Prepared: 0	4/13/23 A	nalyzed: 04/14/23
Chloride	579	20.0	250	454	49.9	80-120			M2
Matrix Spike Dup (2315067-MSD1)				Source:	E304066-0	01	Prepared: 0	4/13/23 A	nalyzed: 04/14/23
Chloride	542	20.0	250	454	35.3	80-120	6.54	20	M2

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Devon Energy - Carlsbad	Project Name:	East Pecos Federal 22 #003H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	04/19/23 14:01

M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Project Information	n
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Released to Imaging: 11/1/2024 11:50:08 AM

Client:	Devon				Bill To				La	ab Us	e On	ly					TAT		EPA P	rogram
	East P. Manager: A 3122 N	shlay C	siovengi		Attention: J.M. Ro Address: 5315 Bu City, State, Zip Carls b	iena Vista Dr	Lab E 7	w0#	d	10		57	ber -000	57	1D 2	2D 3	3D	Standard	CWA	SDWA RCRA
	sign Carl Sign Carl	136- 30	IM 88	010	Phone: G75- 689- Email: jim raley (- 7597	DRO/ORO by 8015	GRO/DRO by 8015	8021				DOC NM						State UT AZ	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	DRO/OR	GRO/DR	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	B						Remarks	
1015	4/11/23	5	1	SSOLE	5	l							×							
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, (field sam	pler), attest to the	e validity and	authenticit		CC agivery o @enso aware that tampering with or intentiona action. Sampled by:			-	0	dun	Sample	es requ	ring therm	al pres	servatio	on must l	oe receiv	ved on ice the day		ed or receive
Relinquish Mr	ed by: (Signatur	re)	Date	e , Time	705 Received by: (Signature) MUCUULA (M	sk Date 4-12-0	23	Time G	18		Rece	eivec	l on ice		Lat	b Use / N	Only			
Mich	ed by: (Signatur	unte	Date 4-	123 15	20 Received by: (Signature)	7-1	2-2	Time	.00)	<u>T1</u>			_ 1	r2			<u>T3</u>		
Relinquish	ed by: (Signatur	re)	Date		AS Carth	ht 4/13	23		:20				np °C_		11		-			
	rix: S - Soil, Sd - S					Containe														
					ess other arrangements are made. I tory with this COC. The liability of the								it the cli	ent e	xpens	e. The	e repo	rt for the ana	ysis of the a	bove

Chain of Custody

WO#1061208201

@ envirotech

Page 80 of 419

Page _____ of _____

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

	Devon Energy - Carlsbad	ate Received:	04/13/23 0	8:20	Work Order ID:	E304067
Phone:	(505) 382-1211 E	ate Logged In:	04/12/23 1	6:48	Logged In By:	Caitlin Christian
Email:		Due Date:	04/19/23 1	7:00 (4 day TAT)		
Chain o	of Custody (COC)					
1. Does	the sample ID match the COC?		Yes			
2. Does	the number of samples per sampling site location match	the COC	Yes			
3. Were	samples dropped off by client or carrier?		Yes	Carrier: Courier		
4. Was t	he COC complete, i.e., signatures, dates/times, requeste	d analyses?	Yes			
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in th i.e, 15 minute hold time, are not included in this disucssion.		Yes		Commen	ts/Resolution
Sample	<u>Turn Around Time (TAT)</u>					
6. Did tl	he COC indicate standard TAT, or Expedited TAT?		Yes			
Sample	Cooler					
7. Was a	a sample cooler received?		Yes			
8. If yes	, was cooler received in good condition?		Yes			
9. Was t	he sample(s) received intact, i.e., not broken?		Yes			
10. Wer	e custody/security seals present?		No			
11. If ye	es, were custody/security seals intact?		NA			
12. Was	the sample received on ice? If yes, the recorded temp is 4°C, i.e Note: Thermal preservation is not required, if samples are re	·	Yes			
12 If no	minutes of sampling o visible ice, record the temperature. Actual sample te	mnoroturo: 1º	C			
		mperature. <u>+</u>	<u>c</u>			
	<u>Container</u> aqueous VOC samples present?		No			
	VOC samples collected in VOA Vials?		NA			
	voc samples concercu in vor viais:					
	he head snace less than 6-8 mm (nea sized or less)?					
16. Is th	he head space less than 6-8 mm (pea sized or less)?		NA NA			
16. Is th 17. Was	a trip blank (TB) included for VOC analyses?		NA			
16. Is th 17. Was 18. Are	a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers?	s collected?	NA Yes			
 16. Is th 17. Was 18. Are 19. Is the 	a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container	s collected?	NA			
 16. Is th 17. Was 18. Are 19. Is the Field Late 	a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel		NA Yes			
 16. Is th 17. Was 18. Are 19. Is the Field La 20. Wer 	a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container		NA Yes			
 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were 	a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected?		NA Yes Yes			
 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were 	a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container <u>abel</u> e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name?		NA Yes Yes Yes			
 16. Is th 17. Was 18. Are 19. Is the Field La 20. Wer 	a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u>	nation:	NA Yes Yes Yes No			
 16. Is th 17. Was 18. Are 19. Is the Field La 20. Wer Sample 21. Doe	a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were press	nation:	NA Yes Yes Yes No			
 Is th Is th Are Is the Field La Wer Sample 21. Doe 22. Are	a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were press sample(s) correctly preserved?	nation: erved?	NA Yes Yes Yes No No			
 16. Is th 17. Was 18. Are 19. Is the Field Li 20. Wer Sample 21. Doe 22. Are 24. Is la 	a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were press sample(s) correctly preserved? b filteration required and/or requested for dissolved met	nation: erved?	NA Yes Yes Yes No			
 Is the Is the Is the Field Li Were Were Were Doe Loe Are Is la Multipli 	a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation s the COC or field labels indicate the samples were press sample(s) correctly preserved? b filteration required and/or requested for dissolved met hase Sample Matrix.	nation: erved? als?	NA Yes Yes Yes No No NA No			
 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were 20. Were 21. Doe 22. Are 24. Is la Multipl 26. Doe 	a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were pres sample(s) correctly preserved? b filteration required and/or requested for dissolved met hase Sample Matrix s the sample have more than one phase, i.e., multiphase	nation: erved? als? ?	NA Yes Yes Yes No No NA No			
 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were 20. Were 21. Doe 22. Are 24. Is la Multipl 26. Doe 	a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation s the COC or field labels indicate the samples were press sample(s) correctly preserved? b filteration required and/or requested for dissolved met hase Sample Matrix.	nation: erved? als? ?	NA Yes Yes Yes No No NA No			
 Is the Is the Is the Is the Field La Sample Were Sample 21. Doe 22. Are 24. Is la Multipl 26. Doe 27. If yet Subcon	a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation s the COC or field labels indicate the samples were press sample(s) correctly preserved? b filteration required and/or requested for dissolved met hase Sample Matrix s the sample have more than one phase, i.e., multiphase' es, does the COC specify which phase(s) is to be analyzed tract Laboratory .	nation: erved? als? ? 2d?	NA Yes Yes Yes No No NA No No			
 Is the Is the Is the Is the Field La Is the The data and the Were Were Were Were Were Were The The<!--</td--><td>a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation s the COC or field labels indicate the samples were press sample(s) correctly preserved? b filteration required and/or requested for dissolved met hase Sample Matrix s the sample have more than one phase, i.e., multiphase' es, does the COC specify which phase(s) is to be analyzed</td><td>nation: erved? als? 2 ed? ?</td><td>NA Yes Yes Yes No No NA No NA</td><td>Subcontract Lab: NA</td><td></td><td></td>	a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation s the COC or field labels indicate the samples were press sample(s) correctly preserved? b filteration required and/or requested for dissolved met hase Sample Matrix s the sample have more than one phase, i.e., multiphase' es, does the COC specify which phase(s) is to be analyzed	nation: erved? als? 2 ed? ?	NA Yes Yes Yes No No NA No NA	Subcontract Lab: NA		

B

Date

envirotech Inc.

Signature of client authorizing changes to the COC or sample disposition.





5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





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Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name:

East Pecos Federal 22 #003H

Work Order: E304091

Job Number: 01058-0007

Received: 4/19/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/25/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 4/25/23

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: East Pecos Federal 22 #003H Workorder: E304091 Date Received: 4/19/2023 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/19/2023 7:00:00AM, under the Project Name: East Pecos Federal 22 #003H.

The analytical test results summarized in this report with the Project Name: East Pecos Federal 22 #003H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices:

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Southern New Mexico Area Lynn Jarboe Technical Representative/Client Services Office: 505-421-LABS(5227)

Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan Technical Representative Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com



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Sample Summary

		Sample Sum	mai y		
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	East Pecos Federal 01058-0007 Ashley Giovengo	22 #003H	Reported: 04/25/23 15:08
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS12	E304091-01A	Soil	04/17/23	04/19/23	Glass Jar, 2 oz.
SS13	E304091-02A	Soil	04/17/23	04/19/23	Glass Jar, 2 oz.
BH01	E304091-03A	Soil	04/17/23	04/19/23	Glass Jar, 2 oz.
BH01A	E304091-04A	Soil	04/17/23	04/19/23	Glass Jar, 2 oz.
BH01B	E304091-05A	Soil	04/17/23	04/19/23	Glass Jar, 2 oz.
BH01C	E304091-06A	Soil	04/17/23	04/19/23	Glass Jar, 2 oz.
BH01D	E304091-07A	Soil	04/17/23	04/19/23	Glass Jar, 2 oz.



		ampie 2	Pecos Federa			
Devon Energy - Carlsbad	Project Name					
6488 7 Rivers Hwy	5	Project Number: 01058-0007				Reported:
Artesia NM, 88210	Project Mana	iger: Ash	ley Giovengo	4/25/2023 3:08:50PM		
		SS12				
		E304091-01				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Ar	aalyst: SL		Batch: 2316025
Benzene	ND	0.0250	1	04/19/23	04/19/23	
Ethylbenzene	ND	0.0250	1	04/19/23	04/19/23	
Toluene	ND	0.0250	1	04/19/23	04/19/23	
p-Xylene	ND	0.0250	1	04/19/23	04/19/23	
p,m-Xylene	ND	0.0500	1	04/19/23	04/19/23	
Total Xylenes	ND	0.0250	1	04/19/23	04/19/23	
Surrogate: Bromofluorobenzene		98.7 %	70-130	04/19/23	04/19/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130	04/19/23	04/19/23	
Surrogate: Toluene-d8		103 %	70-130	04/19/23	04/19/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	aalyst: SL		Batch: 2316025
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/19/23	04/19/23	
Surrogate: Bromofluorobenzene		98.7 %	70-130	04/19/23	04/19/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130	04/19/23	04/19/23	
Surrogate: Toluene-d8		103 %	70-130	04/19/23	04/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	alyst: JL		Batch: 2316026
Diesel Range Organics (C10-C28)	ND	25.0	1	04/19/23	04/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/19/23	04/19/23	
Surrogate: n-Nonane		104 %	50-200	04/19/23	04/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	alyst: RAS		Batch: 2316028
Chloride	72.9	20.0	1	04/19/23	04/19/23	

Sample Data



Sample Data

		imple D							
Devon Energy - Carlsbad	n Energy - Carlsbad Project Name: East Pecos Federal 22 #003H								
6488 7 Rivers Hwy	Project Number: 01058-0007						Reported:		
Artesia NM, 88210	Project Manager: Ashley Giovengo						4/25/2023 3:08:50PM		
		SS13							
	1	E304091-02							
		Reporting							
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes		
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: SL			Batch: 2316025		
Benzene	ND	0.0250	1		04/19/23	04/19/23			
Ethylbenzene	ND	0.0250	1		04/19/23	04/19/23			
Toluene	ND	0.0250	1		04/19/23	04/19/23			
p-Xylene	ND	0.0250	1		04/19/23	04/19/23			
o,m-Xylene	ND	0.0500	1		04/19/23	04/19/23			
Total Xylenes	ND	0.0250	1		04/19/23	04/19/23			
Surrogate: Bromofluorobenzene		101 %	70-130		04/19/23	04/19/23			
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130		04/19/23	04/19/23			
Surrogate: Toluene-d8		103 %	70-130		04/19/23	04/19/23			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: SL			Batch: 2316025		
Gasoline Range Organics (C6-C10)	ND	20.0	1		04/19/23	04/19/23			
Surrogate: Bromofluorobenzene		101 %	70-130		04/19/23	04/19/23			
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130		04/19/23	04/19/23			
urrogate: Toluene-d8		103 %	70-130		04/19/23	04/19/23			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: JL			Batch: 2316026		
Diesel Range Organics (C10-C28)	ND	25.0	1		04/19/23	04/19/23			
Dil Range Organics (C28-C36)	ND	50.0	1		04/19/23	04/19/23			
Surrogate: n-Nonane		111 %	50-200		04/19/23	04/19/23			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: RA	S		Batch: 2316028		
Chloride	21.1	20.0	1		04/19/23	04/20/23			



Sample Data

		ample D					
Devon Energy - Carlsbad	Project Name:	East	Pecos Fede	ral 22 #003H	I		
6488 7 Rivers Hwy	Project Number: 01058-0007						Reported:
Artesia NM, 88210	Project Manag	nager: Ashley Giovengo					4/25/2023 3:08:50PM
		BH01					
		E304091-03					
		Reporting					
Analyte	Result	Limit	Dilut	tion Pr	epared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: SL			Batch: 2316025
Benzene	ND	0.0250	1	04	/19/23	04/19/23	
Ethylbenzene	ND	0.0250	1	04	/19/23	04/19/23	
Toluene	ND	0.0250	1	04	/19/23	04/19/23	
p-Xylene	ND	0.0250	1	04	/19/23	04/19/23	
o,m-Xylene	ND	0.0500	1	04	/19/23	04/19/23	
Total Xylenes	ND	0.0250	1	04	/19/23	04/19/23	
Surrogate: Bromofluorobenzene		99.3 %	70-130	04	/19/23	04/19/23	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130	04	/19/23	04/19/23	
Surrogate: Toluene-d8		105 %	70-130	04	/19/23	04/19/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: SL			Batch: 2316025
Gasoline Range Organics (C6-C10)	ND	20.0	1	04	/19/23	04/19/23	
Surrogate: Bromofluorobenzene		99.3 %	70-130	04	/19/23	04/19/23	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130	04	/19/23	04/19/23	
Surrogate: Toluene-d8		105 %	70-130	04	/19/23	04/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: JL			Batch: 2316026
Diesel Range Organics (C10-C28)	ND	25.0	1	04	/19/23	04/19/23	
Dil Range Organics (C28-C36)	ND	50.0	1	04	/19/23	04/19/23	
Surrogate: n-Nonane		107 %	50-200	04	/19/23	04/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	I	Analyst: RAS			Batch: 2316028
Chloride	2170	40.0	2	04	/19/23	04/20/23	



Sample Data

		ampic D	uu				
Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Numbe		Pecos Fed 58-0007	eral 22 ‡	#003H		Reported:
Artesia NM, 88210	Project Manag			4/25/2023 3:08:50PM			
		BH01A					
		E304091-04					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2316025
Benzene	ND	0.0250		1	04/19/23	04/19/23	
Ethylbenzene	ND	0.0250		1	04/19/23	04/19/23	
Toluene	ND	0.0250		1	04/19/23	04/19/23	
p-Xylene	ND	0.0250		1	04/19/23	04/19/23	
o,m-Xylene	ND	0.0500		1	04/19/23	04/19/23	
Total Xylenes	ND	0.0250		1	04/19/23	04/19/23	
Surrogate: Bromofluorobenzene		98.4 %	70-130		04/19/23	04/19/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130		04/19/23	04/19/23	
Surrogate: Toluene-d8		104 %	70-130		04/19/23	04/19/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2316025
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/19/23	04/19/23	
Surrogate: Bromofluorobenzene		98.4 %	70-130		04/19/23	04/19/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130		04/19/23	04/19/23	
Surrogate: Toluene-d8		104 %	70-130		04/19/23	04/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2316026
Diesel Range Organics (C10-C28)	ND	25.0		1	04/19/23	04/19/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/19/23	04/19/23	
Surrogate: n-Nonane		105 %	50-200		04/19/23	04/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2316028
Chloride	583	40.0	:	2	04/19/23	04/20/23	



Sample Data

	~	ampic D					
Devon Energy - Carlsbad	Project Name	e: East	Pecos Fede	ral 22 #0031	I		
6488 7 Rivers Hwy	Project Numb	roject Number: 01058-0007					Reported:
Artesia NM, 88210	Project Mana	iger: Ash	ey Gioveng	<u>jo</u>			4/25/2023 3:08:50PM
		BH01B					
		E304091-05					
		Reporting					
Analyte	Result	Limit	Dilut	tion P	repared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: SL			Batch: 2316025
Benzene	ND	0.0250	1	04	4/19/23	04/19/23	
Ethylbenzene	ND	0.0250	1	04	4/19/23	04/19/23	
Toluene	ND	0.0250	1	04	4/19/23	04/19/23	
p-Xylene	ND	0.0250	1	04	4/19/23	04/19/23	
p,m-Xylene	ND	0.0500	1	04	4/19/23	04/19/23	
Total Xylenes	ND	0.0250	1	04	4/19/23	04/19/23	
Surrogate: Bromofluorobenzene		99.3 %	70-130	0-	4/19/23	04/19/23	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130	0-	4/19/23	04/19/23	
Surrogate: Toluene-d8		102 %	70-130	0-	4/19/23	04/19/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: SL			Batch: 2316025
Gasoline Range Organics (C6-C10)	ND	20.0	1	04	4/19/23	04/19/23	
Surrogate: Bromofluorobenzene		99.3 %	70-130	0-	4/19/23	04/19/23	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130	0-	4/19/23	04/19/23	
Surrogate: Toluene-d8		102 %	70-130	0-	4/19/23	04/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: JL			Batch: 2316026
Diesel Range Organics (C10-C28)	ND	25.0	1	04	4/19/23	04/19/23	
Dil Range Organics (C28-C36)	ND	50.0	1	04	4/19/23	04/19/23	
Surrogate: n-Nonane		96.9 %	50-200	0-	4/19/23	04/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: RAS			Batch: 2316028
Chloride	773	20.0	1	04	4/19/23	04/20/23	



Sample Data

		impic D				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 0105	Pecos Federal 2 8-0007 ey Giovengo	2 #003H		Reported: 4/25/2023 3:08:50PM
		BH01C				
		E304091-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analy	/st: SL		Batch: 2316025
Benzene	ND	0.0250	1	04/19/23	04/19/23	
Ethylbenzene	ND	0.0250	1	04/19/23	04/19/23	
Toluene	ND	0.0250	1	04/19/23	04/19/23	
p-Xylene	ND	0.0250	1	04/19/23	04/19/23	
p,m-Xylene	ND	0.0500	1	04/19/23	04/19/23	
Total Xylenes	ND	0.0250	1	04/19/23	04/19/23	
Surrogate: Bromofluorobenzene		95.8 %	70-130	04/19/23	04/19/23	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130	04/19/23	04/19/23	
Surrogate: Toluene-d8		102 %	70-130	04/19/23	04/19/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	/st: SL		Batch: 2316025
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/19/23	04/19/23	
Surrogate: Bromofluorobenzene		95.8 %	70-130	04/19/23	04/19/23	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130	04/19/23	04/19/23	
Surrogate: Toluene-d8		102 %	70-130	04/19/23	04/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: JL		Batch: 2316026
Diesel Range Organics (C10-C28)	ND	25.0	1	04/19/23	04/19/23	
Dil Range Organics (C28-C36)	ND	50.0	1	04/19/23	04/19/23	
Surrogate: n-Nonane		103 %	50-200	04/19/23	04/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: RAS		Batch: 2316028
Chloride	775	200	10	04/19/23	04/20/23	



Sample Data

	D	ample D					
Devon Energy - Carlsbad	Project Name	e: East	Pecos Fede	eral 22 #	003H		
6488 7 Rivers Hwy	Project Numb	ber: 0103	58-0007	Reported:			
Artesia NM, 88210	Project Mana	ger: Ash	ley Gioveng	go			4/25/2023 3:08:50PM
		BH01D					
		E304091-07					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: S	SL		Batch: 2316025
Benzene	ND	0.0250	1	l	04/19/23	04/19/23	
Ethylbenzene	ND	0.0250	1	l	04/19/23	04/19/23	
Toluene	ND	0.0250	1	l	04/19/23	04/19/23	
p-Xylene	ND	0.0250	1	l	04/19/23	04/19/23	
o,m-Xylene	ND	0.0500	1	l	04/19/23	04/19/23	
Total Xylenes	ND	0.0250	1	l	04/19/23	04/19/23	
Surrogate: Bromofluorobenzene		97.4 %	70-130		04/19/23	04/19/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130		04/19/23	04/19/23	
Surrogate: Toluene-d8		101 %	70-130		04/19/23	04/19/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: S	SL		Batch: 2316025
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	04/19/23	04/19/23	
Surrogate: Bromofluorobenzene		97.4 %	70-130		04/19/23	04/19/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130		04/19/23	04/19/23	
Surrogate: Toluene-d8		101 %	70-130		04/19/23	04/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: J	ſL		Batch: 2316026
Diesel Range Organics (C10-C28)	ND	25.0	1	l	04/19/23	04/19/23	
Dil Range Organics (C28-C36)	ND	50.0	1	l	04/19/23	04/19/23	
Surrogate: n-Nonane		103 %	50-200		04/19/23	04/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: I	RAS		Batch: 2316028
Chloride	448	100	5	5	04/19/23	04/20/23	



QC Summary Data

		QC SI							
Devon Energy - Carlsbad		Project Name:		ast Pecos Federa	al 22 #00)3H			Reported:
6488 7 Rivers Hwy		Project Number:	01	058-0007					
Artesia NM, 88210		Project Manager:	As	shley Giovengo					4/25/2023 3:08:50PM
		Volatile Organic	Analyst: SL						
Analyte		Reporting	Spike	Source	_	Rec	DDD	RPD	
	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2316025-BLK1)							Prepared: 04	4/19/23 Aı	nalyzed: 04/19/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.499		0.500		<i>99.7</i>	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.553		0.500		111	70-130			
Surrogate: Toluene-d8	0.511		0.500		102	70-130			
LCS (2316025-BS1)							Prepared: 04	4/19/23 Aı	nalyzed: 04/19/23
Benzene	2.33	0.0250	2.50		93.4	70-130			
Ethylbenzene	2.29	0.0250	2.50		91.7	70-130			
Toluene	2.34	0.0250	2.50		93.5	70-130			
o-Xylene	2.29	0.0250	2.50		91.6	70-130			
p,m-Xylene	4.58	0.0500	5.00		91.5	70-130			
Total Xylenes	6.87	0.0250	7.50		91.5	70-130			
Surrogate: Bromofluorobenzene	0.531		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.568		0.500		114	70-130			
Surrogate: Toluene-d8	0.508		0.500		102	70-130			
Matrix Spike (2316025-MS1)				Source: E	304091-	02	Prepared: 04	4/19/23 Aı	nalyzed: 04/19/23
Benzene	2.60	0.0250	2.50	ND	104	48-131	-		•
Ethylbenzene	2.55	0.0250	2.50	ND	102	45-135			
Toluene	2.59	0.0250	2.50	ND	104	48-130			
o-Xylene	2.53	0.0250	2.50	ND	101	43-135			
p,m-Xylene	5.09	0.0500	5.00	ND	102	43-135			
Total Xylenes	7.62	0.0250	7.50	ND	102	43-135			
Surrogate: Bromofluorobenzene	0.539		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.559		0.500		114	70-130			
Surrogate: 1,2-Dichloroennane-u4 Surrogate: Toluene-d8	0.570		0.500		102	70-130			
Matrix Spike Dup (2316025-MSD1)				Source: E	304091-	02	Prepared: 04	4/19/23 A1	nalyzed: 04/19/23
Benzene	2.20	0.0250	2.50	ND	88.0	48-131	16.6	23	•
Ethylbenzene	2.18	0.0250	2.50	ND	87.1	45-135	15.6	23	
Toluene	2.18	0.0250	2.50	ND	88.9	48-130	15.4	24	
o-Xylene	2.16	0.0250	2.50	ND	86.6	43-135	15.6	27	
o-Aylene p,m-Xylene	4.34	0.0250	5.00	ND	86.8	43-135	15.0	27	
p,m-Xylene Total Xylenes	6.50	0.0250	7.50	ND	86.7	43-135	15.9	27	
		0.0230					15.7	21	
Surrogate: Bromofluorobenzene	0.529		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.542		0.500		108	70-130 70-130			
Surrogate: Toluene-d8	0.504		0.500		101				



QC Summary Data

		<u> </u>		lary Data	<u> </u>						
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:		East Pecos Feder 01058-0007 Ashley Giovenge		3Н			Reported: 4/25/2023 3:08:50PM		
	No	onhalogenated O	rganic	s by EPA 801	5D - Gl	RO			Analyst: SL		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2316025-BLK1)				Prepared: 04/				4/19/23 A	Analyzed: 04/19/23		
Gasoline Range Organics (C6-C10)	ND	20.0									
Surrogate: Bromofluorobenzene	0.499		0.500		99.7	70-130					
Surrogate: 1,2-Dichloroethane-d4	0.553		0.500		111	70-130					
Surrogate: Toluene-d8	0.511		0.500		102	70-130					
LCS (2316025-BS2)							Prepared: 0	4/19/23 A	Analyzed: 04/19/23		
Gasoline Range Organics (C6-C10)	51.5	20.0	50.0		103	70-130					
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130					
Surrogate: 1,2-Dichloroethane-d4	0.557		0.500		111	70-130					
Surrogate: Toluene-d8	0.524		0.500		105	70-130					
Matrix Spike (2316025-MS2)				Source: E304091-02 Prepar			Prepared: 0	4/19/23 A	Analyzed: 04/19/23		
Gasoline Range Organics (C6-C10)	53.3	20.0	50.0	ND	107	70-130					
Surrogate: Bromofluorobenzene	0.518		0.500		104	70-130					
Surrogate: 1,2-Dichloroethane-d4	0.551		0.500		110	70-130					
Surrogate: Toluene-d8	0.518		0.500		104	70-130					
Matrix Spike Dup (2316025-MSD2)				Source: 1	E 304091- (02	Prepared: 0	4/19/23 A	Analyzed: 04/19/23		
Gasoline Range Organics (C6-C10)	49.1	20.0	50.0	ND	98.2	70-130	8.26	20			
Surrogate: Bromofluorobenzene	0.517		0.500		103	70-130					
Surrogate: 1,2-Dichloroethane-d4	0.551		0.500		110	70-130					
0											



QC Summary Data

		VC DI	u I I I I I I I	ary Data					
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	(East Pecos Feder 01058-0007 Ashley Giovengo		03H			Reported: 4/25/2023 3:08:50PM
	Nonh	alogenated Orga	anics by	y EPA 8015D	- DRO	/ORO			Analyst: JL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2316026-BLK1)							Prepared: 0	4/19/23 A	nalyzed: 04/19/23
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND ND	25.0 50.0							
Surrogate: n-Nonane	47.5		50.0		95.0	50-200			
LCS (2316026-BS1)							Prepared: 0	4/19/23 A	nalyzed: 04/19/23
Diesel Range Organics (C10-C28)	257	25.0	250		103	38-132			
Surrogate: n-Nonane	47.2		50.0		94.4	50-200			
Matrix Spike (2316026-MS1)				Source: E304089-03			Prepared: 0	4/19/23 A	nalyzed: 04/19/23
Diesel Range Organics (C10-C28)	256	25.0	250	ND	102	38-132			
Surrogate: n-Nonane	33.6		50.0		67.2	50-200			
Matrix Spike Dup (2316026-MSD1)				Source: E	304089-	03	Prepared: 0	4/19/23 A	nalyzed: 04/19/23
Diesel Range Organics (C10-C28)	266	25.0	250	ND	106	38-132	3.96	20	
Surrogate: n-Nonane	35.5		50.0		71.0	50-200			



QC Summary Data

		L = 10	•						
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager		East Pecos Fede 01058-0007 Ashley Gioveng		3Н			Reported: 4/25/2023 3:08:50PM
		Anions	by EPA	300.0/9056A	4				Analyst: RAS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limi %	
Blank (2316028-BLK1)				Prepared: 0-				4/19/23	Analyzed: 04/19/23
Chloride	ND	20.0							
LCS (2316028-BS1)							Prepared: 04	4/19/23	Analyzed: 04/19/23
Chloride	269	20.0	250		108	90-110			
Matrix Spike (2316028-MS1)				Source:	E304091-	01	Prepared: 04	4/19/23	Analyzed: 04/19/23
Chloride	341	20.0	250	72.9	107	80-120			
Matrix Spike Dup (2316028-MSD1)				Source:	E304091-	01	Prepared: 04	4/19/23	Analyzed: 04/20/23
Chloride	341	20.0	250	72.9	107	80-120	0.277	20	

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Devon Energy - Carlsbad	Project Name:	East Pecos Federal 22 #003H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	04/25/23 15:08

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Project Information

Received by OCD: 10/30/2024 7:27:18 AM

Client:	Devon En	eray			Bill To		100		La	bUs	se On	lv				T	AT		EPA P	rogram
Project:	East Pec	os Fede		#003H	Attention: J.m. Baley		Lab	WO#			Jobl			1	D 2D	3D	Stan	dard	CWA	SDWA
Project N	Nanager: A	shley Gi	ovengo		Address: 5315 Buga Vista	X	E3	3041	041				007		1		1	×		
Address: City, Stat	3122 N	shad, N	IN 887	20	City, State, Zip Christon, N.M. 88 Phone: 575-1089-7597	sca	-		-	-	Analy	sis a	nd Meth	nod	1	-	-	251	1	RCRA
Phone:	575-988			<u></u>	Email: jim. raley Odvn. 1	enn	5	5					Z						State	
Email:	agiorengo			~1	Linan. J.M. Talgeour. 7	Jun	by 8015	8015	-			0	Z				N	M CO	UT AZ	TX
Report d	ue by:						d Ob	(d D)	802	8260	5010	= 300	OCN					C		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	DRO/ORO	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	8CD						Remarks	
1100	4/17/23	S	ſ	5512		1							x							
1105	4/17/23	S	1	5513		2							Х							
0945	4/17/23	S	(BHOI		3							×		i					
1010	4/17/23	5	1	BHOIA		4							×							
1915	4/17/23	5	1	BHOIB		5							×			-				
14\$5	4/17/23	5	1	BHOIC		Q							×							
1530	4/17/23	5	1	BHOID		7							×						_	
-	4/17/23		-		01. (1/17)	20		-	_			_			_					
1.20					RH 4//7/	B														
Addition	al Instructio	ns: Kepi	tonice,	CC agiore	ngo@ensolum.com a- jim.ra	leyod	Vn.	Con	1 0	n	san	nple	resu	ilts						
I, (field sam	pler), attest to the	e validity and	authenticity		ware that tampering with or intentionally mislabelling	the sample lo					Sample	s requi	ring therm	al prese				ce the day th sequent day	ney are sample s.	d or received
and the local data and the	ed by: (Signatur		Date	8/23 Time 114:	Received by: (Signature)	Date 4-18-	23	Time	45		Rece	ived	on ice	. /	Lab L	lse On	ly	-		
Mid		up	Date	(823 Time	Received by: (Signature)	Date 4/18/		Time 17e			т1			TZ	- · ·	-	T3	3		
Relinquish	ed by: (Signatur	e) 🕴	Date	18/23 23	Received by (Signature)	Date 4-19-2		Time	æ		AVG	Tem	p°C	4						
Sample Mat	rix: S - Soil, Sd - S		dge, A - Aque	ous, O - Other		Container				o - po	oly/pla	astic,	ag - am							
Note: Sam	ples are discard	ed 30 days	after result	s are reported unles	s other arrangements are made. Hazardous san	nples will be	return	ned to	client	or di	spose	d of a	t the clie	ent exp	bense.	The rep	port for t	the analys	sis of the al	oove
samples is	applicable only	to those sa	imples rece	ived by the laborato	ry with this COC. The liability of the laboratory is	limited to the	ne amo	ount p	aid for	ront	he rep	ort.								

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Client:	Devon Energy - Carlsbad Da	te Received:	04/19/23	07:00	Work Order ID:	E304091
Phone:	(505) 382-1211 Da	te Logged In:	04/18/23	15:59	Logged In By:	Caitlin Christian
Email:		ie Date:	04/25/23	17:00 (4 day TAT)		
Chain c	of Custody (COC)					
1. Does	the sample ID match the COC?		Yes			
2. Does	the number of samples per sampling site location match	the COC	Yes			
3. Were	samples dropped off by client or carrier?		Yes	Carrier: Courier		
4. Was t	the COC complete, i.e., signatures, dates/times, requested	analyses?	Yes			
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes		Commen	ts/Resolution
<u>Sample</u>	<u>e Turn Around Time (TAT)</u>					
6. Did t	he COC indicate standard TAT, or Expedited TAT?		Yes			
Sample	Cooler					
7. Was a	a sample cooler received?		Yes			
8. If yes	s, was cooler received in good condition?		Yes			
9. Was t	the sample(s) received intact, i.e., not broken?		Yes			
10. Wer	e custody/security seals present?		No			
11. If ye	es, were custody/security seals intact?		NA			
12. Was	the sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are re minutes of sampling		Yes			
13. If no	o visible ice, record the temperature. Actual sample ter	nperature: 4°	с			
	Container					
-	aqueous VOC samples present?		No			
	VOC samples collected in VOA Vials?		NA			
	he head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?		NA			
	non-VOC samples collected in the correct containers?		Yes			
19. Is th	e appropriate volume/weight or number of sample containers	collected?	Yes			
Field L	abel					
20. Wer	re field sample labels filled out with the minimum inform	ation:				
	Sample ID?		Yes			
	Date/Time Collected?		Yes			
	Collectors name?		No			
	e Preservation tes the COC or field labels indicate the samples were prese	rved?	No			
LI. DUC	sample(s) correctly preserved?		NA			
	b filteration required and/or requested for dissolved meta	ls?	No			
22. Are		•	110			
22. Are 24. Is la	hasa Sampla Matrix		No			
22. Are 24. Is la <u>Multipl</u>	hase Sample Matrix		INO			
22. Are 24. Is la <u>Multipl</u> 26. Doe	s the sample have more than one phase, i.e., multiphase?					
22. Are 24. Is la <u>Multipl</u> 26. Doe 27. If ye	es the sample have more than one phase, i.e., multiphase? es, does the COC specify which phase(s) is to be analyze		NA			
 22. Are 24. Is la Multipl 26. Doe 27. If ye Subcon 	es the sample have more than one phase, i.e., multiphase? es, does the COC specify which phase(s) is to be analyze (tract Laboratory_	1?	NA			
 22. Are 24. Is la Multipl 26. Doe 27. If ye Subcon 28. Are 	es the sample have more than one phase, i.e., multiphase? es, does the COC specify which phase(s) is to be analyze	1?		Subcontract Lab: na		

Signature of client authorizing changes to the COC or sample disposition.



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5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Ensolum, LLC

Project Name:

East Pecos 22-3H

Work Order: E305059

Job Number: 01058-0007

Received: 5/10/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/16/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 5/16/23

Ashley Giovengo 3122 National Parks Hwy Carlsbad, NM 88220

Project Name: East Pecos 22-3H Workorder: E305059 Date Received: 5/10/2023 8:27:00AM

Ashley Giovengo,



Page 101 of 419

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/10/2023 8:27:00AM, under the Project Name: East Pecos 22-3H.

The analytical test results summarized in this report with the Project Name: East Pecos 22-3H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

		Sample Sum	mai y		
Ensolum, LLC 3122 National Parks Hwy		Project Name: Project Number:	East Pecos 22-3H 01058-0007		Reported:
Carlsbad NM, 88220		Project Manager:	Ashley Giovengo		05/16/23 11:27
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS04A - 0'	E305059-01A	Soil	05/08/23	05/10/23	Glass Jar, 2 oz.
SS02H - 9'	E305059-02A	Soil	05/08/23	05/10/23	Glass Jar, 2 oz.
SS02I - 10'	E305059-03A	Soil	05/08/23	05/10/23	Glass Jar, 2 oz.
SS03G - 9'	E305059-04A	Soil	05/08/23	05/10/23	Glass Jar, 2 oz.
SS07C - 0'	E305059-05A	Soil	05/08/23	05/10/23	Glass Jar, 2 oz.
SS03D - 5'	E305059-06A	Soil	05/08/23	05/10/23	Glass Jar, 2 oz.



	50	ample D	ala			
Ensolum, LLC 3122 National Parks Hwy Carlsbad NM, 88220	Project Name: Project Numbe Project Manag	er: 010.	Pecos 22-3F 58-0007 ley Giovengo			Reported: 5/16/2023 11:27:14AM
		SS04A - 0'				
		E305059-01				
		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	А	nalyst: SL		Batch: 2319038
Benzene	ND	0.0250	1	05/10/23	05/12/23	
Ethylbenzene	ND	0.0250	1	05/10/23	05/12/23	
Toluene	ND	0.0250	1	05/10/23	05/12/23	
p-Xylene	ND	0.0250	1	05/10/23	05/12/23	
o,m-Xylene	ND	0.0500	1	05/10/23	05/12/23	
Total Xylenes	ND	0.0250	1	05/10/23	05/12/23	
urrogate: 4-Bromochlorobenzene-PID		90.5 %	70-130	05/10/23	05/12/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	nalyst: SL		Batch: 2319038
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/10/23	05/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	05/10/23	05/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	nalyst: JL		Batch: 2319048
Diesel Range Organics (C10-C28)	ND	25.0	1	05/10/23	05/11/23	
Dil Range Organics (C28-C36)	ND	50.0	1	05/10/23	05/11/23	
Surrogate: n-Nonane		89.0 %	50-200	05/10/23	05/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	А	nalyst: RAS		Batch: 2319068
Chloride	40.1	20.0	1	05/12/23	05/15/23	

Sample Data



Sample Data

		ampie D	utu			
Ensolum, LLC 3122 National Parks Hwy Carlsbad NM, 88220	Project Name: Project Numbe Project Manag	er: 010:	Pecos 22-3H 58-0007 ley Giovengo		Reported: 5/16/2023 11:27:14AM	
		SS02H - 9'				
		E305059-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: SL		Batch: 2319038
Benzene	ND	0.0250	1	05/10/23	05/12/23	
Ethylbenzene	ND	0.0250	1	05/10/23	05/12/23	
Toluene	ND	0.0250	1	05/10/23	05/12/23	
o-Xylene	ND	0.0250	1	05/10/23	05/12/23	
o,m-Xylene	ND	0.0500	1	05/10/23	05/12/23	
Fotal Xylenes	ND	0.0250	1	05/10/23	05/12/23	
urrogate: 4-Bromochlorobenzene-PID		92.3 %	70-130	05/10/23	05/12/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2319038
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/10/23	05/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.4 %	70-130	05/10/23	05/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2319048
Diesel Range Organics (C10-C28)	ND	25.0	1	05/10/23	05/11/23	
Dil Range Organics (C28-C36)	ND	50.0	1	05/10/23	05/11/23	
Surrogate: n-Nonane		88.3 %	50-200	05/10/23	05/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: RAS		Batch: 2319068
Chloride	411	20.0	1	05/12/23	05/15/23	



Sample Data

		imple D	uta			
Ensolum, LLC	Project Name:	East	Pecos 22-3H			
3122 National Parks Hwy	Project Numbe	r: 0103	58-0007			Reported:
Carlsbad NM, 88220	Project Manage	er: Ash	ey Giovengo			5/16/2023 11:27:14AN
	Ś	SS02I - 10'				
]	E305059-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2319038
Benzene	ND	0.0250	1	05/10/23	05/12/23	
Ethylbenzene	ND	0.0250	1	05/10/23	05/12/23	
Toluene	ND	0.0250	1	05/10/23	05/12/23	
p-Xylene	ND	0.0250	1	05/10/23	05/12/23	
o,m-Xylene	ND	0.0500	1	05/10/23	05/12/23	
Total Xylenes	ND	0.0250	1	05/10/23	05/12/23	
Surrogate: 4-Bromochlorobenzene-PID		90.5 %	70-130	05/10/23	05/12/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2319038
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/10/23	05/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.2 %	70-130	05/10/23	05/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2319048
Diesel Range Organics (C10-C28)	80.3	25.0	1	05/10/23	05/11/23	
Dil Range Organics (C28-C36)	132	50.0	1	05/10/23	05/11/23	
Surrogate: n-Nonane		92.3 %	50-200	05/10/23	05/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2319068
Chloride	394	20.0	1	05/12/23	05/15/23	



Sample Data

	56	imple D	ala			
Ensolum, LLC 3122 National Parks Hwy Carlsbad NM, 88220	Project Name: Project Numbe Project Manag	er: 0103	Pecos 22-3H 58-0007 ley Giovengo	Reported: 5/16/2023 11:27:14AM		
		SS03G - 9'				
	-	E305059-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	: SL		Batch: 2319038
Benzene	ND	0.0250	1	05/10/23	05/12/23	
Ethylbenzene	ND	0.0250	1	05/10/23	05/12/23	
Toluene	ND	0.0250	1	05/10/23	05/12/23	
p-Xylene	ND	0.0250	1	05/10/23	05/12/23	
o,m-Xylene	ND	0.0500	1	05/10/23	05/12/23	
Total Xylenes	ND	0.0250	1	05/10/23	05/12/23	
Surrogate: 4-Bromochlorobenzene-PID		92.2 %	70-130	05/10/23	05/12/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	:: SL		Batch: 2319038
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/10/23	05/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.8 %	70-130	05/10/23	05/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst	:: JL		Batch: 2319048
Diesel Range Organics (C10-C28)	ND	25.0	1	05/10/23	05/11/23	
Dil Range Organics (C28-C36)	ND	50.0	1	05/10/23	05/11/23	
Surrogate: n-Nonane		91.8 %	50-200	05/10/23	05/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	: RAS		Batch: 2319068
Chloride	503	200	10	05/12/23	05/15/23	



Sample Data

	5	ampic D	ala			
Ensolum, LLC 3122 National Parks Hwy Carlsbad NM, 88220	Project Name Project Numb Project Manaş	er: 010	Pecos 22-3H 58-0007 ley Giovengo	Reported: 5/16/2023 11:27:14AM		
		SS07C - 0'				
		E305059-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	:: SL		Batch: 2319038
Benzene	ND	0.0250	1	05/10/23	05/12/23	
Ethylbenzene	ND	0.0250	1	05/10/23	05/12/23	
Toluene	ND	0.0250	1	05/10/23	05/12/23	
p-Xylene	ND	0.0250	1	05/10/23	05/12/23	
o,m-Xylene	ND	0.0500	1	05/10/23	05/12/23	
Fotal Xylenes	ND	0.0250	1	05/10/23	05/12/23	
Surrogate: 4-Bromochlorobenzene-PID		91.9 %	70-130	05/10/23	05/12/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	:: SL		Batch: 2319038
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/10/23	05/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.5 %	70-130	05/10/23	05/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2319048
Diesel Range Organics (C10-C28)	ND	25.0	1	05/10/23	05/11/23	
Dil Range Organics (C28-C36)	ND	50.0	1	05/10/23	05/11/23	
Surrogate: n-Nonane		93.3 %	50-200	05/10/23	05/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	:: RAS		Batch: 2319068
Chloride	ND	200	10	05/12/23	05/15/23	


Sample Data

	5	ampic D	ata			
Ensolum, LLC 3122 National Parks Hwy Carlsbad NM, 88220	Project Name Project Numb Project Manag	er: 0103	Pecos 22-3H 58-0007 ley Giovengo			Reported: 5/16/2023 11:27:14AM
		SS03D - 5'				
		E305059-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	: SL		Batch: 2319038
Benzene	ND	0.0250	1	05/10/23	05/12/23	
Ethylbenzene	ND	0.0250	1	05/10/23	05/12/23	
Toluene	ND	0.0250	1	05/10/23	05/12/23	
p-Xylene	ND	0.0250	1	05/10/23	05/12/23	
o,m-Xylene	ND	0.0500	1	05/10/23	05/12/23	
Total Xylenes	ND	0.0250	1	05/10/23	05/12/23	
Surrogate: 4-Bromochlorobenzene-PID		91.2 %	70-130	05/10/23	05/12/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	: SL		Batch: 2319038
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/10/23	05/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.9 %	70-130	05/10/23	05/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst	: JL		Batch: 2319048
Diesel Range Organics (C10-C28)	ND	25.0	1	05/10/23	05/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/10/23	05/11/23	
Surrogate: n-Nonane		93.0 %	50-200	05/10/23	05/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	: RAS		Batch: 2319068
Chloride	741	200	10	05/12/23	05/15/23	



QC Summary Data

		QC D		ing Date					
Ensolum, LLC 3122 National Parks Hwy Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	01	ast Pecos 22-3 1058-0007 shley Gioveng					Reported: 5/16/2023 11:27:14AM
		Volatile O	rganics b	oy EPA 802	21B				Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2319038-BLK1)							Prepared: 0	5/10/23 A	Analyzed: 05/11/23
Benzene	ND	0.0250							•
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.54	0.0200	8.00		94.2	70-130			
LCS (2319038-BS1)							Prepared: 0	5/10/23 A	Analyzed: 05/11/23
Benzene	3.99	0.0250	5.00		79.9	70-130			
Ethylbenzene	4.10	0.0250	5.00		82.0	70-130			
Toluene	4.20	0.0250	5.00		84.0	70-130			
p-Xylene	4.23	0.0250	5.00		84.6	70-130			
p,m-Xylene	8.34	0.0500	10.0		83.4	70-130			
Total Xylenes	12.6	0.0250	15.0		83.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.73		8.00		96.6	70-130			
Matrix Spike (2319038-MS1)				Source:	E305058-	07	Prepared: 0	5/10/23 A	Analyzed: 05/11/23
Benzene	4.59	0.0250	5.00	ND	91.7	54-133			
Ethylbenzene	4.78	0.0250	5.00	ND	95.7	61-133			
Toluene	4.87	0.0250	5.00	ND	97.4	61-130			
p-Xylene	4.92	0.0250	5.00	ND	98.4	63-131			
p,m-Xylene	9.70	0.0500	10.0	ND	97.0	63-131			
Total Xylenes	14.6	0.0250	15.0	ND	97.5	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.66		8.00		95.7	70-130			
Matrix Spike Dup (2319038-MSD1)				Source:	E305058-	07	Prepared: 0	5/10/23 A	Analyzed: 05/11/23
Benzene	4.64	0.0250	5.00	ND	92.8	54-133	1.16	20	
Ethylbenzene	4.80	0.0250	5.00	ND	96.1	61-133	0.439	20	
Toluene	4.91	0.0250	5.00	ND	98.2	61-130	0.821	20	
	1.07	0.0250	5.00	ND	99.2	63-131	0.797	20	
o-Xylene	4.96	0.0230	2100	1.12	,,, <u>,</u>				
p,m-Xylene	4.96 9.72	0.0500	10.0	ND	97.2	63-131	0.172	20	
-							0.172 0.383	20 20	



QC Summary Data

		QU D	u 1 1 1 1 1 1	ary Data					
Ensolum, LLC 3122 National Parks Hwy Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	(East Pecos 22-3H 01058-0007 Ashley Giovengo					Reported: 5/16/2023 11:27:14AM
	No	nhalogenated O	rganics	s by EPA 8015	5D - G	RO			Analyst: SL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2319038-BLK1)							Prepared: 0	5/10/23 A	analyzed: 05/11/23
Gasoline Range Organics (C6-C10)	ND	20.0							-
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.63		8.00		95.3	70-130			
LCS (2319038-BS2)							Prepared: 0	5/10/23 A	analyzed: 05/11/23
Gasoline Range Organics (C6-C10)	45.7	20.0	50.0		91.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.3	70-130			
Matrix Spike (2319038-MS2)				Source: E	305058-	07	Prepared: 0	5/10/23 A	analyzed: 05/11/23
Gasoline Range Organics (C6-C10)	47.6	20.0	50.0	ND	95.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.68		8.00		96.1	70-130			
Matrix Spike Dup (2319038-MSD2)				Source: E	305058-	07	Prepared: 0	5/10/23 A	analyzed: 05/11/23
Gasoline Range Organics (C6-C10)	47.0	20.0	50.0	ND	94.0	70-130	1.15	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.74		8.00		96.7	70-130			



QC Summary Data

		QU D	u 111111	ary Data					
Ensolum, LLC 3122 National Parks Hwy Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	(East Pecos 22-3H 01058-0007 Ashley Giovengo					Reported: 5/16/2023 11:27:14AM
	Nonh	alogenated Org	anics by	y EPA 8015D	- DRO	/ORO			Analyst: JL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2319048-BLK1)							Prepared: 0	5/10/23 A	Analyzed: 05/11/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	44.0		50.0		88.0	50-200			
LCS (2319048-BS1)							Prepared: 0	5/10/23 A	Analyzed: 05/11/23
Diesel Range Organics (C10-C28)	242	25.0	250		96.9	38-132			
Surrogate: n-Nonane	44.9		50.0		89.8	50-200			
Matrix Spike (2319048-MS1)				Source: E	305059-	03	Prepared: 0	5/10/23 A	Analyzed: 05/11/23
Diesel Range Organics (C10-C28)	330	25.0	250	80.3	99.7	38-132			
Surrogate: n-Nonane	42.1		50.0		84.2	50-200			
Matrix Spike Dup (2319048-MSD1)				Source: E	305059-	03	Prepared: 0	5/10/23 A	Analyzed: 05/11/23
Diesel Range Organics (C10-C28)	312	25.0	250	80.3	92.5	38-132	5.63	20	
Surrogate: n-Nonane	44.9		50.0		89.9	50-200			



QC Summary Data

		$\mathbf{x} \in \mathbf{z}$	~~~~		•					
Ensolum, LLC 3122 National Parks Hwy Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	(East Pecos 22-3F 01058-0007 Ashley Giovengo					Reported: 5/16/2023 11:27:14	AM
		Anions	by EPA	300.0/9056A					Analyst: RAS	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2319068-BLK1)							Prepared: 0	5/12/23	Analyzed: 05/15/23	
Chloride	ND	20.0								
LCS (2319068-BS1)							Prepared: 0	5/12/23	Analyzed: 05/15/23	
Chloride	271	20.0	250		108	90-110				
Matrix Spike (2319068-MS1)				Source: F	2305058-0)1	Prepared: 0	5/12/23	Analyzed: 05/15/23	
Chloride	294	20.0	250	23.9	108	80-120				
Matrix Spike Dup (2319068-MSD1)				Source: H	2305058-0)1	Prepared: 0	5/12/23	Analyzed: 05/15/23	
Chloride	296	20.0	250	23.9	109	80-120	0.618	20		

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Ensolum, LL	С	Project Name:	East Pecos 22-3H	
3122 Nationa	l Parks Hwy	Project Number:	01058-0007	Reported:
Carlsbad NM	, 88220	Project Manager:	Ashley Giovengo	05/16/23 11:27

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



of

Received by OCD: 10/30/2024 7:27:18 AM

Client: Ensolum, LLC.	Bill To		2	-	ab U	se Or	nly				TAT	2	EPA P	rogram
Project: East Pecos 22-3H	Attention: Jim Raley						Numbe		1D 2D		3D	Standard	CWA	SDWA
Project Manager: Ashley Giovengo	Address: 5315 Buena Vista Dr		E 30;	303	54	OK	358-	0007				х		
Address: 3122 National Parks Hwy	City, State, Zip: Carlsbad NM, 88220							Method	1					RCRA
City, State, Zip: Carlsbad NM, 88220	Phone: (575)689-7597	-	by											
Phone: 575-988-0055	Email: jim.raley@dvn.com		ORO										State	1.
mail: agiovengo@ensolum.com			RO/	1	0		0.0		MN		~	NM CO	UT AZ	TX
Report due by:			0/0	802	826	6010	e 30		0.000		TX	×	1.1	1
Time Date No. of Sampled Sampled Sample <td>N</td> <td>Lab Jumber</td> <td>TPH GRO/DRO/ORO by</td> <td>BTEX by 8021</td> <td>VOC by 8260</td> <td>Metals 6010</td> <td>Chloride 300.0</td> <td></td> <td>BGDOC</td> <td></td> <td>GDOC</td> <td></td> <td>Remarks</td> <td>нI</td>	N	Lab Jumber	TPH GRO/DRO/ORO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC		GDOC		Remarks	нI
13:05 5/8/2023 Soil 1 Jar	SS04A - 0'	1							x					
11:03 5/8/2023 Soil 1 Jar	SS02H - 9'	2							x					
11:25 5/8/2023 Soil 1 Jar	SS021 - 10'	3							x			Do not run unl	ess 5502H is over	600Cl or 100 TP
12:53 5/8/2023 Soil 1 Jar	SS03G - 9'	4							x					
11:12 5/8/2023 Soil 1 Jar	SS07C - 0'	5							x					
12:14 5/8/2023 Soil 1 Jar	SS03D - 5'	6							x					
Additional Instructions: Please CC Cole	2 churton@ensolum.com													
(field sampler), attest to the validity and authenticity of this sar ate or time of collection is considered fraud and may be ground	ole. I am aware that tampering with or intentionally mislabelling for legal action. Sampled by:	ng the samp	le location	ι,								rived on ice the day is than 6 °C on subs		led or
Ril (2000 5-9-23)	8:20 Midule Carges 5	-92	} Time	.30	5	Rece	eived o	n ice:		b Us	e Only	1		
malle Lerven 5923		5-0~7	23 Lime	700		<u>T1</u>			T2			<u></u>	_	
Hillinguished by: (Signature) / Date Date 5·α-23	2300 Author Mais 5	5/10/2	3 8	27	L	AVG	Temp	°c 4						
110000 11200 0000	er Co	ontainer	Type: g -	glass,		-			er gla	ss, v	- VOA			
ample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Ot							sposed c							
	er Co	ontainer	Type: g -	glass,	, p - p	oly/p	lastic, a	g - amb						

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Client:	Ensolum, LLC	Date Received:	05/10/23	08:27	Work Order ID:	E305059
Phone:	(575) 988-0055 I	Date Logged In:	05/09/23	16:00	Logged In By:	Caitlin Mars
Email:	a.giovengo@ensolum.com	Due Date:	05/16/23	17:00 (4 day TAT)		
<u>Chain o</u>	<u>f Custody (COC)</u>					
1. Does 1	the sample ID match the COC?		Yes			
	the number of samples per sampling site location matcl	h the COC	Yes			
3. Were	samples dropped off by client or carrier?		Yes	Carrier: Courier		
4. Was th	he COC complete, i.e., signatures, dates/times, requeste	ed analyses?	Yes			
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in t i.e, 15 minute hold time, are not included in this disucssion		Yes		Commen	ts/Resolution
Sample '	<u>Turn Around Time (TAT)</u>					
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample	<u>Cooler</u>					
7. Was a	sample cooler received?		Yes			
8. If yes,	, was cooler received in good condition?		Yes			
9. Was tl	he sample(s) received intact, i.e., not broken?		Yes			
10. Were	e custody/security seals present?		No			
11. If ye	s, were custody/security seals intact?		NA			
12. Was t	he sample received on ice? If yes, the recorded temp is 4°C, i. Note: Thermal preservation is not required, if samples are r minutes of sampling		Yes			
13. If no	visible ice, record the temperature. Actual sample to	emperature: 4°	С			
	Container	·				
	aqueous VOC samples present?		No			
	VOC samples collected in VOA Vials?		NA			
	e head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?		NA			
	non-VOC samples collected in the correct containers?		Yes			
	appropriate volume/weight or number of sample containe	rs collected?	Yes			
Field La	ibel					
	e field sample labels filled out with the minimum inform	nation:				
	Sample ID?		Yes			
	Date/Time Collected?		Yes	L		
	Collectors name?		No			
-	Preservation s the COC or field labels indicate the samples were pres	served?	No			
	sample(s) correctly preserved?		NA			
	b filteration required and/or requested for dissolved me	tals?	No			
	ase Sample Matrix					
	s the sample have more than one phase, i.e., multiphase	?	No			
	s, does the COC specify which phase(s) is to be analyz		NA			
	ract Laboratory	-	11/1			
	samples required to get sent to a subcontract laboratory	<i>?</i>	No			
28 Ares			110			
	a subcontract laboratory specified by the client and if s		NA	Subcontract Lab: NA		

B

envirotech Inc.

Signature of client authorizing changes to the COC or sample disposition.

Released to Imaging: 11/1/2024 11:50:08 AM

Date





5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





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Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: E

East Pecos 22-3H

Work Order: E401123

Job Number: 01058-0007

Received: 1/20/2024

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 1/25/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 1/25/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: East Pecos 22-3H Workorder: E401123 Date Received: 1/20/2024 6:00:00AM

Ashley Giovengo,

Page 118 of 419



Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/20/2024 6:00:00AM, under the Project Name: East Pecos 22-3H.

The analytical test results summarized in this report with the Project Name: East Pecos 22-3H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

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	Sample Sum	mai y		
	Project Name: Project Number: Project Manager:	East Pecos 22-3H 01058-0007 Ashley Gioyengo		Reported: 01/25/24 16:47
Lab Sample ID	, ,	, ,	Received	Container
Las Sampre 12		Sampica		
E401123-01A	Soil	01/18/24	01/20/24	Glass Jar, 2 oz.
E401123-02A	Soil	01/18/24	01/20/24	Glass Jar, 2 oz.
E401123-03A	Soil	01/18/24	01/20/24	Glass Jar, 2 oz.
E401123-04A	Soil	01/18/24	01/20/24	Glass Jar, 2 oz.
E401123-05A	Soil	01/18/24	01/20/24	Glass Jar, 2 oz.
	E401123-02A E401123-03A E401123-04A	Project Name: Project Number: Project Manager:Lab Sample IDMatrixE401123-01ASoilE401123-02ASoilE401123-03ASoilE401123-04ASoil	Project Number: Project Manager:01058-0007 Ashley GiovengoLab Sample IDMatrixSampledE401123-01ASoil01/18/24E401123-02ASoil01/18/24E401123-03ASoil01/18/24E401123-04ASoil01/18/24	Image: Project Name: East Pecos 22-3H Project Number: 01058-0007 Project Manager: Ashley Giovengo Image: Ashley Giovengo Received E401123-01A Soil 01/18/24 01/20/24 E401123-02A Soil 01/18/24 01/20/24 E401123-03A Soil 01/18/24 01/20/24 E401123-04A Soil 01/18/24 01/20/24



	50	ampic D	ala			
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 0105	Pecos 22-3H 58-0007 ley Giovengo			Reported: 1/25/2024 4:47:35PM
		BH02-0'				
		E401123-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: RAS		Batch: 2404011
Benzene	ND	0.0250	1	01/22/24	01/22/24	
Ethylbenzene	ND	0.0250	1	01/22/24	01/22/24	
Toluene	ND	0.0250	1	01/22/24	01/22/24	
p-Xylene	ND	0.0250	1	01/22/24	01/22/24	
p,m-Xylene	ND	0.0500	1	01/22/24	01/22/24	
Total Xylenes	ND	0.0250	1	01/22/24	01/22/24	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	01/22/24	01/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RAS		Batch: 2404011
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/24	01/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.8 %	70-130	01/22/24	01/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2404019
Diesel Range Organics (C10-C28)	ND	25.0	1	01/23/24	01/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/23/24	01/23/24	
Surrogate: n-Nonane		99.9 %	50-200	01/23/24	01/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: IY		Batch: 2404017
Chloride	1730	200	10	01/22/24	01/22/24	

Sample Data



Sample Data

	5	ample D	ala			
Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name Project Numb	ber: 010	Pecos 22-3H 58-0007			Reported:
Artesia NM, 88210	Project Mana	ger: Ash	ley Giovengo			1/25/2024 4:47:35PM
		BH02-1'				
		E401123-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2404011
Benzene	ND	0.0250	1	01/22/24	01/22/24	
Ethylbenzene	ND	0.0250	1	01/22/24	01/22/24	
Toluene	ND	0.0250	1	01/22/24	01/22/24	
p-Xylene	ND	0.0250	1	01/22/24	01/22/24	
o,m-Xylene	ND	0.0500	1	01/22/24	01/22/24	
Fotal Xylenes	ND	0.0250	1	01/22/24	01/22/24	
Surrogate: 4-Bromochlorobenzene-PID		98.2 %	70-130	01/22/24	01/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2404011
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/24	01/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.8 %	70-130	01/22/24	01/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2404019
Diesel Range Organics (C10-C28)	ND	25.0	1	01/23/24	01/23/24	
Dil Range Organics (C28-C36)	ND	50.0	1	01/23/24	01/23/24	
Surrogate: n-Nonane		103 %	50-200	01/23/24	01/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2404017
Chloride	475	20.0	1	01/22/24	01/22/24	



Sample Data

	5	ample D	ata			
Devon Energy - Carlsbad	Project Name:	: East	Pecos 22-3H			
6488 7 Rivers Hwy	Project Numb	er: 010	58-0007			Reported:
Artesia NM, 88210	Project Manag	ger: Ash	ley Giovengo			1/25/2024 4:47:35PM
		BH02-2.5'				
		E401123-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: RAS		Batch: 2404011
Benzene	ND	0.0250	1	01/22/24	01/22/24	
Ethylbenzene	ND	0.0250	1	01/22/24	01/22/24	
Toluene	ND	0.0250	1	01/22/24	01/22/24	
p-Xylene	ND	0.0250	1	01/22/24	01/22/24	
o,m-Xylene	ND	0.0500	1	01/22/24	01/22/24	
Fotal Xylenes	ND	0.0250	1	01/22/24	01/22/24	
Surrogate: 4-Bromochlorobenzene-PID		97.7 %	70-130	01/22/24	01/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RAS		Batch: 2404011
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/24	01/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.0 %	70-130	01/22/24	01/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2404019
Diesel Range Organics (C10-C28)	ND	25.0	1	01/23/24	01/23/24	
Dil Range Organics (C28-C36)	ND	50.0	1	01/23/24	01/23/24	
Surrogate: n-Nonane		101 %	50-200	01/23/24	01/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: IY		Batch: 2404017
Chloride	476	40.0	2	01/22/24	01/22/24	



Sample Data

	G	ample D	ala			
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Num Project Mana	ber: 010	: Pecos 22-3H 58-0007 ley Giovengo	Reported: 1/25/2024 4:47:35PM		
		BH03-0'				
		E401123-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: RAS		Batch: 2404011
Benzene	ND	0.0250	1	01/22/24	01/22/24	
Ethylbenzene	ND	0.0250	1	01/22/24	01/22/24	
oluene	ND	0.0250	1	01/22/24	01/22/24	
-Xylene	ND	0.0250	1	01/22/24	01/22/24	
,m-Xylene	ND	0.0500	1	01/22/24	01/22/24	
Total Xylenes	ND	0.0250	1	01/22/24	01/22/24	
urrogate: 4-Bromochlorobenzene-PID		96.2 %	70-130	01/22/24	01/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RAS		Batch: 2404011
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/24	01/22/24	
urrogate: 1-Chloro-4-fluorobenzene-FID		90.3 %	70-130	01/22/24	01/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2404019
Diesel Range Organics (C10-C28)	ND	25.0	1	01/23/24	01/23/24	
Dil Range Organics (C28-C36)	ND	50.0	1	01/23/24	01/23/24	
urrogate: n-Nonane		97.6 %	50-200	01/23/24	01/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: IY		Batch: 2404017
Chloride	230	40.0	2	01/22/24	01/22/24	



QC Summary Data

				v					
Devon Energy - Carlsbad		Project Name:		ast Pecos 22-3	Н				Reported:
6488 7 Rivers Hwy		Project Number:	01	058-0007					
Artesia NM, 88210		Project Manager:	As	shley Gioveng	jo				1/25/2024 4:47:35PM
		Volatile Or	rganics b	oy EPA 802	1B				Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2404011-BLK1)							Prepared: 0	1/22/24	Analyzed: 01/22/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.78		8.00		97.2	70-130			
LCS (2404011-BS1)							Prepared: 0	1/22/24	Analyzed: 01/22/24
Benzene	5.01	0.0250	5.00		100	70-130			
Ethylbenzene	4.83	0.0250	5.00		96.5	70-130			
Toluene	5.01	0.0250	5.00		100	70-130			
o-Xylene	4.96	0.0250	5.00		99.2	70-130			
o,m-Xylene	9.98	0.0500	10.0		99.8	70-130			
Total Xylenes	14.9	0.0250	15.0		99.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.87		8.00		98.4	70-130			
Matrix Spike (2404011-MS1)				Source:	E401123-0	05	Prepared: 0	1/22/24	Analyzed: 01/22/24
Benzene	5.18	0.0250	5.00	ND	104	54-133			
Ethylbenzene	5.00	0.0250	5.00	ND	99.9	61-133			
Toluene	5.19	0.0250	5.00	ND	104	61-130			
p-Xylene	5.14	0.0250	5.00	ND	103	63-131			
o,m-Xylene	10.3	0.0500	10.0	ND	103	63-131			
Total Xylenes	15.5	0.0250	15.0	ND	103	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.06		8.00		101	70-130			
Matrix Spike Dup (2404011-MSD1)				Source:	E401123-	05	Prepared: 0	1/22/24	Analyzed: 01/22/24
Benzene	5.15	0.0250	5.00	ND	103	54-133	0.541	20	
Ethylbenzene	4.97	0.0250	5.00	ND	99.5	61-133	0.453	20	
Toluene	5.16	0.0250	5.00	ND	103	61-130	0.503	20	
p-Xylene	5.12	0.0250	5.00	ND	102	63-131	0.452	20	
o,m-Xylene	10.3	0.0500	10.0	ND	103	63-131	0.486	20	
Total Xylenes	15.4	0.0250	15.0	ND	103	63-131	0.475	20	
							01175		



QC Summary Data

		QU D		ary Data					
Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:	0	Cast Pecos 22-3H					Reported:
Artesia NM, 88210		Project Manager:	A	Ashley Giovengo					1/25/2024 4:47:35PM
	Noi	nhalogenated O	Organics	by EPA 8015	5 D - G l	RO			Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2404011-BLK1)							Prepared: 0	1/22/24 <i>I</i>	Analyzed: 01/22/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.31		8.00		91.4	70-130			
LCS (2404011-BS2)							Prepared: 0	1/22/24 <i>A</i>	Analyzed: 01/22/24
Gasoline Range Organics (C6-C10)	44.9	20.0	50.0		89.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		92.0	70-130			
Matrix Spike (2404011-MS2)				Source: E	401123-0	05	Prepared: 0	1/22/24 <i>A</i>	Analyzed: 01/22/24
Gasoline Range Organics (C6-C10)	46.8	20.0	50.0	ND	93.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.28		8.00		91.0	70-130			
Matrix Spike Dup (2404011-MSD2)				Source: E	401123-(05	Prepared: 0	1/22/24 <i>A</i>	Analyzed: 01/22/24
Gasoline Range Organics (C6-C10)	46.6	20.0	50.0	ND	93.2	70-130	0.531	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		92.0	70-130			

QC Summary Data

		$\chi \cup \gamma$	~~~~						
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	(East Pecos 22-3H 01058-0007 Ashley Giovengo					Reported: 1/25/2024 4:47:35PM
	Nonha	alogenated Org				/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2404019-BLK1)							Prepared: 0	1/23/24 A	Analyzed: 01/23/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.6		50.0		101	50-200			
LCS (2404019-BS1)							Prepared: 0	1/23/24 A	Analyzed: 01/23/24
Diesel Range Organics (C10-C28)	205	25.0	250		82.0	38-132			
Surrogate: n-Nonane	50.3		50.0		101	50-200			
Matrix Spike (2404019-MS1)				Source: E	401126-	04	Prepared: 0	1/23/24 A	Analyzed: 01/23/24
Diesel Range Organics (C10-C28)	197	25.0	250	ND	78.7	38-132			
Surrogate: n-Nonane	49.2		50.0		98.5	50-200			
Matrix Spike Dup (2404019-MSD1)				Source: E	401126-	04	Prepared: 0	1/23/24 A	Analyzed: 01/23/24
Diesel Range Organics (C10-C28)	190	25.0	250	ND	75.9	38-132	3.66	20	
Surrogate: n-Nonane	51.6		50.0		103	50-200			



QC Summary Data

		$\chi \sim \sim$, <u> </u>					
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager	: (East Pecos 22-3 01058-0007 Ashley Gioveng					Reported: 1/25/2024 4:47:35PM
		Anions	by EPA	300.0/90564	۸				Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2404017-BLK1)							Prepared: 0	1/22/24 A	nalyzed: 01/22/24
Chloride LCS (2404017-BS1)	ND	20.0					Prepared: 0	1/22/24 A	nalyzed: 01/22/24
Chloride Matrix Spike (2404017-MS1)	248	20.0	250	Source:	99.1 E401123-(90-110	Prepared: 0	1/22/24 A	nalyzed: 01/22/24
Chloride	753	20.0	250	475	111	80-120			
Matrix Spike Dup (2404017-MSD1)				Source:	E401123-0)2	Prepared: 0	1/22/24 A	nalyzed: 01/22/24
Chloride	746	20.0	250	475	108	80-120	0.936	20	

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Γ	Devon Energy - Carlsbad	Project Name:	East Pecos 22-3H	
	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
	Artesia NM, 88210	Project Manager:	Ashley Giovengo	01/25/24 16:47

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.





Release Project Information

	Devon				Bill To				Lab) Use	On	ly			-	TA	Т	EPA P	rogram
Project:	East Pecos 22	-3H	_		Attention: Jim Raley		Lab	WO#		J	ob I	Numb	er	1D	2D	3D	Standard	CWA	SDWA
Project I	Manager: Ash	ley Giove	engo		Address: 5315 Buena Vista Dr			110	2:	30	XC	58	6005	+			x		
Address	3122 Nation	al Parks H	łwy		City, State, Zip: Carlsbad NM, 8	8220			-				d Metho						RCRA
City, Sta	te, Zip: Carlsb	ad NM, 8	38220		Phone: (575)689-7597			λq			Ì			1					1.1
	575-988-0055				Email: jim.raley@dvn.com		1	RO		112					-			State	-
Email: a	giovengo@en:	solum.co	m				1	0/0				0		MN			NM CO	UT AZ	TX
Report d								AD/DR	802.	8260	010	300.0				¥	×		
Time		dans.	No. of			Lab		RC	Ó	by 8	Metals 6010	Chloride :		BGDOC		2			
Sampled	Date Sampled	Matrix	Containers	Sample ID		Number		8015 BTEV	SIE	VOC by	Met	Chlo		BGD		GDOC		Remarks	
9:12	1/18/2024	Soil	1		BH02 - 0'	1					-			x					- 1
9:45	1/18/2024	Soil	1		BH02 - 1'	2			-	-	-	-	-	-					
10.22	4/10/2024	5011	1			1			_	_	_		_	X					
10:22	1/18/2024	Soil	1		BH02 - 2.5'	3								x					
9:13	1/18/2024	Soil	1		BH03 - 0'	4								x					
9:57	1/18/2024	Soil	1		BH03 - 1'	5								x			Do not run uni	ess 8H03 - 0' is > 1	500 Cl or 100 TPH
	-																		
				1															
						0													
									+	-	-		-	+	-				
ddition	al Instructions	Ploas	o CC: chu	rtan@ansalu	m.com, agiovengo@ensolum.com, jii	m rolov@dun		chami	iltor	0.00	25.0	luma	om ob	arft@			com jostroll	Monsoli	m.com
																	eived on ice the day		
	of collection is con			a to the straight of the straight of the	m aware that tampering with or intentionally mislab al action. <u>Sampled by: Cole Burton</u>	felling the sample	location	n,									ess than 6 °C on sub		
elinguishe	d by: (Signature)		Date	19-24 7	157 Mulle Sugar	Date 1-19-0	24	Time 07S	57	R	ece	eived o	on ice:	1	ab U	se Onl	y		
elinguishe	d by: (Signature)	al	Date	9-24 1	Received by: (Signature)	Date 1-/9-	14	Time 163	00	т	1			T2	/		T3		
elinquishe	d by: (Signature)	V	Date	19-111 Time		Date	211	Time	in	Ť.			0.0	1					
Andre			1-	10410	100 May 100	12	67	Ull	\mathcal{N}		_	Temp		1		110.4			-
	ix: S - Soil, Sd - Soli					Containe												alucia of the	about
					less other arrangements are made. Hazardou tory with this COC. The liability of the laborate								t the clie	ent exp	ense.	ine r	eport for the ar	alysis of the	e above

Received by OCD: 10/30/2024 7:27:18 AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

lient:	Devon Energy - Carlsbad Da	te Received:	01/20/24 06	:00	Work	Order ID:	E401123
Phone:	(505) 382-1211 Da	te Logged In:	01/20/24 06	:14	Logge	d In By:	Alexa Michaels
Email:		e Date:	01/26/24 17	:00 (4 day TAT)		•	
Chain of	Custody (COC)						
1. Does t	he sample ID match the COC?		Yes				
2. Does t	he number of samples per sampling site location match	the COC	Yes				
3. Were s	samples dropped off by client or carrier?		Yes	Carrier: (Courier		
4. Was th	e COC complete, i.e., signatures, dates/times, requested	analyses?	Yes	_			
5. Were a	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	field,	Yes			<u>Commen</u>	ts/Resolution
Sample	Turn Around Time (TAT)						
	e COC indicate standard TAT, or Expedited TAT?		Yes		Sample E40112	3-05, C	OC remarks "Do
Sample (<u>Cooler</u>				not run unless E	3H03-0'	is >600 Cl or 100
-	sample cooler received?		Yes		TPH"		
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	he sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes	s, were custody/security seals intact?		NA				
12. Was tl	he sample received on ice? If yes, the recorded temp is 4°C, i.e., Note: Thermal preservation is not required, if samples are rec minutes of sampling		Yes				
13. If no	visible ice, record the temperature. Actual sample ten	nperature: <u>4°</u>	<u>C</u>				
Sample (<u>Container</u>						
14. Are a	queous VOC samples present?		No				
15. Are V	VOC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	a trip blank (TB) included for VOC analyses?		NA				
	non-VOC samples collected in the correct containers?		Yes				
	appropriate volume/weight or number of sample containers	collected?	Yes				
Field La							
	field sample labels filled out with the minimum information Sample ID?	ation:	Yes				
	Date/Time Collected?		Yes				
C	Collectors name?		Yes				
Sample]	Preservation						
21. Does	the COC or field labels indicate the samples were prese	rved?	No				
	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved meta	ls?	No				
-	ase Sample Matrix						
	the sample have more than one phase, i.e., multiphase?		No				
27. If yes	s, does the COC specify which phase(s) is to be analyzed	1?	NA				
<u>Subcont</u>	ract Laboratory						
<u> </u>	amples required to get sent to a subcontract laboratory?		No				
zo. Ale s	ampies required to get sent to a subcontract neoriatory.						

Signature of client authorizing changes to the COC or sample disposition.



envirotech Inc.

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5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Eas

East Pecos Federal 22 #3H

Work Order: E407139

Job Number: 01058-0007

Received: 7/18/2024

Revision: 0

Report Reviewed By:

Draft Walter Hinchman Laboratory Director 7/18/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 7/18/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: East Pecos Federal 22 #3H Workorder: E407139 Date Received: 7/18/2024 9:15:00AM

Ashley Giovengo,





Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/18/2024 9:15:00AM, under the Project Name: East Pecos Federal 22 #3H.

The analytical test results summarized in this report with the Project Name: East Pecos Federal 22 #3H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com

Michelle Gonzales Client Representative Office: 505-421-LABS(5227) Cell: 505-947-8222 mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Definitions and Notes	8
Chain of Custody etc.	9

	Sample Sum			
Devon Energy - Carlsbad	Project Name:	East Pecos Federal 22 #3H	Reported:	
6488 7 Rivers Hwy	Project Number:	01058-0007	Keporteu.	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	07/18/24 15:29	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
PH02-9'	E407139-01A	Solid	07/16/24	07/18/24	Glass Jar, 2 oz.
	E407139-01B	Solid	07/16/24	07/18/24	Glass Jar, 2 oz.



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Page 135 of 419

	~	ampic D				
Devon Energy - Carlsbad	Project Name	: East	Pecos Federal 22			
6488 7 Rivers Hwy	Project Numb	ber: 0105	58-0007			Reported:
Artesia NM, 88210	Project Mana	ger: Ash	ley Giovengo			7/18/2024 3:29:30PM
		PH02-9'				
		E407139-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: BA		Batch: 2429068
Benzene	ND	0.0250	1	07/18/24	07/18/24	
Ethylbenzene	ND	0.0250	1	07/18/24	07/18/24	
Toluene	ND	0.0250	1	07/18/24	07/18/24	
o-Xylene	ND	0.0250	1	07/18/24	07/18/24	
p,m-Xylene	ND	0.0500	1	07/18/24	07/18/24	
Total Xylenes	ND	0.0250	1	07/18/24	07/18/24	
Surrogate: 4-Bromochlorobenzene-PID		91.6 %	70-130	07/18/24	07/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: BA		Batch: 2429068
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/18/24	07/18/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		105 %	70-130	07/18/24	07/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KH		Batch: 2429059
Diesel Range Organics (C10-C28)	ND	25.0	1	07/18/24	07/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/18/24	07/18/24	
Surrogate: n-Nonane		114 %	50-200	07/18/24	07/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2429065
Chloride	75.1	20.0	1	07/18/24	07/18/24	

Sample Data



QC Summary Data

		$\chi \cup \sim$		ary Date					
Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		East Pecos Fede 01058-0007	eral 22 #3F	ł			Reported:
Artesia NM, 88210		Project Manager:	e A	Ashley Gioveng	ço				7/18/2024 3:29:30PM
	Nonha	logenated Org	anics by	y EPA 8015E) - DRO	/ORO			Analyst: KH
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2429059-BLK1)							Prepared: 0	7/18/24 A	nalyzed: 07/18/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	65.7		50.0		131	50-200			
LCS (2429059-BS1)							Prepared: 0	7/18/24 A	analyzed: 07/18/24
Diesel Range Organics (C10-C28)	256	25.0	250		102	38-132			
Surrogate: n-Nonane	61.1		50.0		122	50-200			
Matrix Spike (2429059-MS1)			Source:	Prepared: 0	7/18/24 A	analyzed: 07/18/24			
Diesel Range Organics (C10-C28)	1610	500	250	1330	112	38-132			
Surrogate: n-Nonane	70.2		50.0		140	50-200			
Matrix Spike Dup (2429059-MSD1)				Source:	E407136-	01	Prepared: 0	7/18/24 A	nalyzed: 07/18/24
Diesel Range Organics (C10-C28)	1470	500	250	1330	59.5	38-132	8.50	20	
Surrogate: n-Nonane	71.5		50.0		143	50-200			



QC Summary Data

		L L		•					
Devon Energy - Carlsbad		Project Name:		East Pecos Fede	eral 22 #3H				Reported:
6488 7 Rivers Hwy		Project Number:		01058-0007					
Artesia NM, 88210		Project Manager	:	Ashley Gioveng	go				7/18/2024 3:29:30PM
		Anions	by EPA	300.0/9056	4				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2429065-BLK1)							Prepared: 0	7/18/24 A	Analyzed: 07/18/24
Chloride	ND	20.0							
LCS (2429065-BS1)							Prepared: 0	7/18/24 A	Analyzed: 07/18/24
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2429065-MS1)				Source:	E407139-0	1	Prepared: 0	7/18/24 A	Analyzed: 07/18/24
Chloride	327	20.0	250	75.1	101	80-120			
Matrix Spike Dup (2429065-MSD1)				Source:	E407139-0	1	Prepared: 0	7/18/24 A	Analyzed: 07/18/24
Chloride	319	20.0	250	75.1	97.7	80-120	2.41	20	

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Γ	Devon Energy - Carlsbad	Project Name:	East Pecos Federal 22 #3H	
	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
	Artesia NM, 88210	Project Manager:	Ashley Giovengo	07/18/24 15:29

ND	Analyte NOT DETECTED at or above the reporting limit

- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.





Chain of Custody

Client Information				Invoice Information				Lab Use Only							AT	State		
				ompany: Devon		Lab	b WO# Job Number					ber		1D 2D	3D Std	NM CO UT TX		
Project: E	roject: East Pecos Federal 22-3H Address: 5315 Buena Vista Dr			1.1.1.	_ E	403	134	1	01	05	3.00	60	X		X			
Project N	lanager: Asl	nley Giove	engo		(ity, State, Zip: Carlsbad NM, 88	220											
Address:	3122 Nation	nal Parks I	Hwy		PI	none: (575)689-7597	-	_				Ana	lysis	and	Met	nod		EPA Program
City, Stat	e, Zip: Carls	bad NM, 8	38220		E	mail: jim.raley@dvn.com		_										SDWA CWA RCRA
hone: 5	75-988-005	5			M	scellaneous: Jim Raley				1.1								
mail: a	iovengo@ei	nsolum.co	om						15	15					~ 10			Compliance Y or N
									oy 80	y 80	51	0	0.0	5	TX	tals		PWSID #
				Sam	ple Information	ion	1		RO	RO	y 80.	/ 826	le 30	Z	- 500	3 Me		
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Field	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals		Remarks
13:21	7/16/2024	SD	2			PH02 - 9'		1						х		14		
-				7								\square						
				-			-	-		-	-	-			-			(
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A							-											
	1.00			1								1						10 0 00000
osimmo (field sam	ns@ensolum	n.com	1			n, agiovengo@ensolum.com, ji				10								
	ed by: (Signatu		Dat	te シリフ/24	Time 10:15	Received by: (Signature)	Date Date	-17:24	Time	101	5			sampl		ceived pack		nust be received on ice the day they are vg temp above 0 but less than 6 °C on
Relinquish	ed by: (Signatu Melle M	re) onzali	us Dat	.17.24	J305	Received by: (Signature)	Date	IBM	Time	1: 15	-			Rec	eived	on ice:	1	se Only N
Relinquish	ed by: (Signatu	re)	Dat	te	Time	Received by: (Signature)	Date		Time	:				<u>T1</u>			<u>T2</u>	<u>T3</u>
lelinquish	uished by: (Signature) Date Time Received by: (Signature)			Date		Time	•				AVG Temp °C 4							
	rix: S - Soil, Sd - S							tainer Typ					the second second	22	- ami	per glass	, v - VOA	
						er arrangements are made. Hazardous th this COC. The liability of the laborat									e clier	t expense	e. The report	for the analysis of the above

Page [

of]

Received by OCD: 10/30/2024 7:27:18 AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

	Please take note of any NO checkmarks.	-	-	Checklist (SRC			
ve receive	no response concerning these items within 24 hours of the e	late of this not	ice, all the	samples will be and	lyzed as requ	lested.	
Client:	Devon Energy - Carlsbad Da	te Received:	07/18/24	09:15		Work Order ID:	E407139
Phone:	(505) 382-1211 Da	te Logged In:	07/17/24	16:21		Logged In By:	Alexa Michaels
Email:	ashley.giovengo@wescominc.com Du	ie Date:	07/18/24	17:00 (0 day TAT)			
Chain of	Custody (COC)						
1. Does th	ne sample ID match the COC?		Yes				
2. Does th	ne number of samples per sampling site location match	the COC	Yes				
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: C	Courier		
4. Was the	e COC complete, i.e., signatures, dates/times, requested	analyses?	Yes	-			
5. Were al	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes			Comment	s/Resolution
Sample T	Furn Around Time (TAT)						
	COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C	<u>Cooler</u>						
7. Was a s	sample cooler received?		Yes				
8. If yes, v	was cooler received in good condition?		Yes				
9. Was the	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes,	, were custody/security seals intact?		NA				
12. Was th	e sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are rec		Yes				
10.10	minutes of sampling		~				
	visible ice, record the temperature. Actual sample tem	nperature: <u>4</u> °	<u>c</u>				
_	<u>Container</u>						
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA NA				
	head space less than 6-8 mm (pea sized or less)?						
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers?	11	Yes				
	appropriate volume/weight or number of sample containers	collected?	Yes				
Field Lat	<u>ber</u> field sample labels filled out with the minimum inform	. .					
	ample ID?	ation.	Yes				
	pate/Time Collected?		Yes				
С	ollectors name?		Yes				
Sample P	reservation						
	the COC or field labels indicate the samples were prese	rved?	No				
	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved meta	ls?	No				
Multipha	ise Sample Matrix						
26. Does	the sample have more than one phase, i.e., multiphase?		No				
27. If yes,	, does the COC specify which phase(s) is to be analyzed	1?	NA				
Subcontr	act Laboratory						
	amples required to get sent to a subcontract laboratory?		No				
	subcontract laboratory specified by the client and if so		NA	Subcontract Lab	: NA		
Client In	nstruction						

Date



envirotech Inc.

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5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





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Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: E

East Pecos 22-3H

Work Order: E407149

Job Number: 01058-0007

Received: 7/18/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 7/24/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 7/24/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: East Pecos 22-3H Workorder: E407149 Date Received: 7/18/2024 9:00:00AM

Ashley Giovengo,



Page 143 of 419

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/18/2024 9:00:00AM, under the Project Name: East Pecos 22-3H.

The analytical test results summarized in this report with the Project Name: East Pecos 22-3H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

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Michelle Gonzales Client Representative Office: 505-421-LABS(5227) Cell: 505-947-8222 mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

		Sample Sum	mary		
Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:	East Pecos 22-3H 01058-0007		Reported:
Artesia NM, 88210		Project Manager:	Ashley Giovengo		07/24/24 07:36
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS07 - 4'	E407149-01A	Soil	07/16/24	07/18/24	Glass Jar, 2 oz.
SS07 - 8'	E407149-02A	Soil	07/16/24	07/18/24	Glass Jar, 2 oz.
PH01 - 0'	E407149-03A	Soil	07/16/24	07/18/24	Glass Jar, 2 oz.
PH01 - 4'	E407149-04A	Soil	07/16/24	07/18/24	Glass Jar, 2 oz.
PH01 - 8'	E407149-05A	Soil	07/16/24	07/18/24	Glass Jar, 2 oz.
'H02 - 0'	E407149-06A	Soil	07/16/24	07/18/24	Glass Jar, 2 oz.
H02 - 4'	E407149-07A	Soil	07/16/24	07/18/24	Glass Jar, 2 oz.
'H02 - 8'	E407149-08A	Soil	07/16/24	07/18/24	Glass Jar, 2 oz.



	S	Sample D	ata				
Devon Energy - Carlsbad	Project Name	e: East	Pecos 22-3				
6488 7 Rivers Hwy	Project Num		58-0007				Reported:
Artesia NM, 88210	Project Mana	ager: Ash	ley Gioven	go			7/24/2024 7:36:56AN
		SS07 - 4'					
		E407149-01					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2429088
Benzene	ND	0.0250		1	07/18/24	07/19/24	
Ethylbenzene	ND	0.0250		1	07/18/24	07/19/24	
Toluene	ND	0.0250		1	07/18/24	07/19/24	
p-Xylene	ND 0.0250 1 07/18/24		07/19/24				
o,m-Xylene	ND	0.0500 1 07/18/24		07/19/24			
Total Xylenes	ND 0.0250 1 07/18/2		07/18/24	07/19/24			
Surrogate: Bromofluorobenzene		101 %	70-130		07/18/24	07/19/24	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130		07/18/24	07/19/24	
Surrogate: Toluene-d8		96.6 %	70-130		07/18/24	07/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys		RKS		Batch: 2429088
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/18/24	07/19/24	
Surrogate: Bromofluorobenzene		101 %	70-130		07/18/24	07/19/24	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130		07/18/24	07/19/24	
Surrogate: Toluene-d8		96.6 %	70-130		07/18/24	07/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2429087
Diesel Range Organics (C10-C28)	ND	25.0		1	07/18/24	07/20/24	
Dil Range Organics (C28-C36)	ND	50.0		1	07/18/24	07/20/24	
Surrogate: n-Nonane		110 %	50-200		07/18/24	07/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	JM		Batch: 2429095
Chloride	1210	40.0		2	07/18/24	07/19/24	



Sample Data

	50	imple D	ala				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Numbe Project Manag	r: 010	Pecos 22- 58-0007 ley Giover				Reported: 7/24/2024 7:36:56AM
		SS07 - 8'					
]	E407149-02					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2429088
Benzene	ND	0.0250		1	07/18/24	07/19/24	
Ethylbenzene	ND	0.0250		1	07/18/24	07/19/24	
Toluene	ND	0.0250		1	07/18/24	07/19/24	
o-Xylene	ND	0.0250		1	07/18/24	07/19/24	
,m-Xylene	ND	0.0500		1	07/18/24	07/19/24	
Fotal Xylenes	ND	0.0250		1	07/18/24	07/19/24	
Surrogate: Bromofluorobenzene		100 %	70-130		07/18/24	07/19/24	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130		07/18/24	07/19/24	
Surrogate: Toluene-d8		97.2 %	70-130		07/18/24	07/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2429088
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/18/24	07/19/24	
Surrogate: Bromofluorobenzene		100 %	70-130		07/18/24	07/19/24	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130		07/18/24	07/19/24	
Surrogate: Toluene-d8		97.2 %	70-130		07/18/24	07/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2429087
Diesel Range Organics (C10-C28)	ND	25.0		1	07/18/24	07/20/24	
Dil Range Organics (C28-C36)	ND	50.0		1	07/18/24	07/20/24	
Surrogate: n-Nonane		113 %	50-200		07/18/24	07/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: JM		Batch: 2429095
Chloride	987	200		10	07/18/24	07/19/24	



Sample Data

	50	ample D	ala				
Devon Energy - Carlsbad	Project Name:		Pecos 22-3	3H			
6488 7 Rivers Hwy	Project Numbe		58-0007			Reported:	
Artesia NM, 88210	Project Manag	ger: Ash	ley Gioven	go			7/24/2024 7:36:56AM
		PH01 - 0'					
		E407149-03					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2429088
Benzene	ND	0.0250		1	07/18/24	07/19/24	
Ethylbenzene	ND	0.0250		1	07/18/24	07/19/24	
Toluene	ND	0.0250		1	07/18/24	07/19/24	
p-Xylene	ND	0.0250		1	07/18/24	07/19/24	
o,m-Xylene	ND	0.0500		1	07/18/24	07/19/24	
Total Xylenes	ND	0.0250		1	07/18/24	07/19/24	
Surrogate: Bromofluorobenzene		100 %	70-130		07/18/24	07/19/24	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130		07/18/24	07/19/24	
Surrogate: Toluene-d8		97.6 %	70-130		07/18/24	07/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2429088
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/18/24	07/19/24	
Surrogate: Bromofluorobenzene		100 %	70-130		07/18/24	07/19/24	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130		07/18/24	07/19/24	
Surrogate: Toluene-d8		97.6 %	70-130		07/18/24	07/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2429087
Diesel Range Organics (C10-C28)	ND	25.0		1	07/18/24	07/20/24	
Oil Range Organics (C28-C36)	ND	50.0		1	07/18/24	07/20/24	
Surrogate: n-Nonane		108 %	50-200		07/18/24	07/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	JM		Batch: 2429095
Chloride	262	200	1	0	07/18/24	07/19/24	



Sample Data

	56	ample D	ata				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 0103	Pecos 22 58-0007 ley Giove				Reported: 7/24/2024 7:36:56AM
		PH01 - 4'					
		E407149-04					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2429088
Benzene	ND	0.0250		1	07/18/24	07/19/24	
Ethylbenzene	ND	0.0250		1	07/18/24	07/19/24	
Toluene	ND	0.0250		1	07/18/24	07/19/24	
p-Xylene	ND	0.0250		1	07/18/24	07/19/24	
p,m-Xylene	ND	0.0500		1	07/18/24	07/19/24	
Total Xylenes	ND	0.0250		1	07/18/24	07/19/24	
Surrogate: Bromofluorobenzene		101 %	70-130		07/18/24	07/19/24	
Surrogate: 1,2-Dichloroethane-d4		95.2 %	70-130		07/18/24	07/19/24	
Surrogate: Toluene-d8		98.6 %	70-130		07/18/24	07/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2429088
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/18/24	07/19/24	
Surrogate: Bromofluorobenzene		101 %	70-130		07/18/24	07/19/24	
Surrogate: 1,2-Dichloroethane-d4		95.2 %	70-130		07/18/24	07/19/24	
Surrogate: Toluene-d8		98.6 %	70-130		07/18/24	07/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2429087
Diesel Range Organics (C10-C28)	ND	25.0		1	07/18/24	07/20/24	
Oil Range Organics (C28-C36)	ND	50.0		1	07/18/24	07/20/24	
Surrogate: n-Nonane		111 %	50-200		07/18/24	07/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: JM		Batch: 2429095
Chloride	2350	40.0		2	07/18/24	07/19/24	



Sample Data

		ample D	ara				
Devon Energy - Carlsbad	Project Name:		Pecos 22-	-3H			
6488 7 Rivers Hwy	Project Numbe		58-0007				Reported:
Artesia NM, 88210	Project Manag	ger: Ash	ley Giover	ıgo			7/24/2024 7:36:56AN
		PH01 - 8'					
		E407149-05					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2429088
Benzene	ND	0.0250		1	07/18/24	07/19/24	
Ethylbenzene	ND	0.0250		1	07/18/24	07/19/24	
Toluene	ND	0.0250		1	07/18/24	07/19/24	
o-Xylene	ND	0.0250		1	07/18/24	07/19/24	
p,m-Xylene	ND	0.0500	0.0500 1 07/1		07/18/24	07/19/24	
Total Xylenes	ND	ND 0.0250 1 07/1		07/18/24	07/19/24		
Surrogate: Bromofluorobenzene		99.0 %	70-130		07/18/24	07/19/24	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		07/18/24	07/19/24	
Surrogate: Toluene-d8		97.5 %	70-130		07/18/24	07/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2429088
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/18/24	07/19/24	
Surrogate: Bromofluorobenzene		99.0 %	70-130		07/18/24	07/19/24	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		07/18/24	07/19/24	
Surrogate: Toluene-d8		97.5 %	70-130		07/18/24	07/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2429087
Diesel Range Organics (C10-C28)	ND	25.0		1	07/18/24	07/20/24	
Oil Range Organics (C28-C36)	ND	50.0		1	07/18/24	07/20/24	
Surrogate: n-Nonane		113 %	50-200		07/18/24	07/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: JM		Batch: 2429095
Chloride	1420	20.0		1	07/18/24	07/19/24	



Sample Data

		imple D	uuu				
Devon Energy - Carlsbad	Project Name:		Pecos 22	-3H			
6488 7 Rivers Hwy	Project Numbe		58-0007				Reported:
Artesia NM, 88210	Project Manage	er: Ash	ey Giove	ngo			7/24/2024 7:36:56AM
		PH02 - 0'					
]	E407149-06					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2429088
Benzene	ND	0.0250		1	07/18/24	07/19/24	
Ethylbenzene	ND	0.0250		1	07/18/24	07/19/24	
Toluene	ND	0.0250		1	07/18/24	07/19/24	
p-Xylene	ND	0.0250		1	07/18/24	07/19/24	
o,m-Xylene	ND	0.0500		1	07/18/24	07/19/24	
Total Xylenes	ND	0.0250		1	07/18/24	07/19/24	
Surrogate: Bromofluorobenzene		101 %	70-130		07/18/24	07/19/24	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130		07/18/24	07/19/24	
Surrogate: Toluene-d8		99.6 %	70-130		07/18/24	07/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2429088
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/18/24	07/19/24	
Surrogate: Bromofluorobenzene		101 %	70-130		07/18/24	07/19/24	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130		07/18/24	07/19/24	
Surrogate: Toluene-d8		99.6 %	70-130		07/18/24	07/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2429087
Diesel Range Organics (C10-C28)	8380	250		10	07/18/24	07/20/24	
Oil Range Organics (C28-C36)	3440	500		10	07/18/24	07/20/24	
Surrogate: n-Nonane		127 %	50-200		07/18/24	07/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: JM		Batch: 2429095
Chloride	8280	400		20	07/18/24	07/19/24	



Sample Data

		ample D	uu				
Devon Energy - Carlsbad	Project Name:		Pecos 22-	-3H			
6488 7 Rivers Hwy	Project Numbe		58-0007				Reported:
Artesia NM, 88210	Project Manag	ger: Ash	ley Giovei	ngo			7/24/2024 7:36:56AM
		PH02 - 4'					
		E407149-07					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2429088
Benzene	ND	0.0250		1	07/18/24	07/19/24	
Ethylbenzene	ND	0.0250		1	07/18/24	07/19/24	
Toluene	ND	0.0250		1	07/18/24	07/19/24	
p-Xylene	ND	0.0250		1	07/18/24	07/19/24	
o,m-Xylene	ND	0.0500		1	07/18/24	07/19/24	
Fotal Xylenes	ND	0.0250		1	07/18/24	07/19/24	
Surrogate: Bromofluorobenzene		101 %	70-130		07/18/24	07/19/24	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130		07/18/24	07/19/24	
Surrogate: Toluene-d8		96.8 %	70-130		07/18/24	07/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2429088
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/18/24	07/19/24	
Surrogate: Bromofluorobenzene		101 %	70-130		07/18/24	07/19/24	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130		07/18/24	07/19/24	
Surrogate: Toluene-d8		96.8 %	70-130		07/18/24	07/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2429087
Diesel Range Organics (C10-C28)	ND	25.0		1	07/18/24	07/20/24	
Dil Range Organics (C28-C36)	ND	50.0		1	07/18/24	07/20/24	
Surrogate: n-Nonane		92.3 %	50-200		07/18/24	07/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: JM		Batch: 2429095
Chloride	1740	100		5	07/18/24	07/19/24	



Sample Data

		ample D	uu				
Devon Energy - Carlsbad	Project Name:		Pecos 22-	-3H			
6488 7 Rivers Hwy	Project Number						Reported:
Artesia NM, 88210	Project Manag	ger: Ash	ley Giovei	ıgo			7/24/2024 7:36:56AN
		PH02 - 8'					
		E407149-08					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2429088
Benzene	ND	0.0250		1	07/18/24	07/19/24	
Ethylbenzene	ND	0.0250		1	07/18/24	07/19/24	
Toluene	ND	0.0250		1	07/18/24	07/19/24	
o-Xylene	ND	0.0250		1	07/18/24	07/19/24	
p,m-Xylene	ND 0.0500 1 07/1		07/18/24	07/19/24			
Total Xylenes	ND	ND 0.0250 1 07/18		07/18/24	07/19/24		
Surrogate: Bromofluorobenzene		104 %	70-130		07/18/24	07/19/24	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130		07/18/24	07/19/24	
Surrogate: Toluene-d8		97.9 %	70-130		07/18/24	07/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2429088
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/18/24	07/19/24	
Surrogate: Bromofluorobenzene		104 %	70-130		07/18/24	07/19/24	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130		07/18/24	07/19/24	
Surrogate: Toluene-d8		97.9 %	70-130		07/18/24	07/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2429087
Diesel Range Organics (C10-C28)	ND	25.0		1	07/18/24	07/20/24	
Oil Range Organics (C28-C36)	ND	50.0		1	07/18/24	07/20/24	
Surrogate: n-Nonane		119 %	50-200		07/18/24	07/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: JM		Batch: 2429095
Chloride	486	20.0		1	07/18/24	07/19/24	



QC Summary Data

				iry Data					
Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:	01	ast Pecos 22-3H .058-0007					Reported:
Artesia NM, 88210		Project Manager:	As	shley Giovengo				7/.	24/2024 7:36:56AM
		Volatile Organic	Compo	unds by EPA	82601	3			Analyst: RKS
Analyte	D14	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	Result mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2429088-BLK1)							Prepared: 0	7/18/24 Ana	lyzed: 07/19/24
Benzene	ND	0.0250					Troparoan o	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1 <u>,2001</u> 0 // 1)/2 1
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
	ND	0.0500							
p,m-Xylene	ND								
Total Xylenes		0.0250	0.500		102	50 100			
Surrogate: Bromofluorobenzene	0.508		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
Surrogate: Toluene-d8	0.479		0.500		95.7	70-130			
LCS (2429088-BS1)							Prepared: 0	7/18/24 Ana	lyzed: 07/19/24
Benzene	2.39	0.0250	2.50		95.6	70-130			
Ethylbenzene	2.40	0.0250	2.50		96.1	70-130			
Toluene	2.26	0.0250	2.50		90.4	70-130			
o-Xylene	2.33	0.0250	2.50		93.3	70-130			
p,m-Xylene	4.71	0.0500	5.00		94.2	70-130			
Total Xylenes	7.04	0.0250	7.50		93.9	70-130			
Surrogate: Bromofluorobenzene	0.494		0.500		98.8	70-130			
			0.500		96.8	70-130			
Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8	0.484 0.494		0.500		90.8 98.8	70-130			
surrogaie. 10iuene-uo	0.494		0.500						
Matrix Spike (2429088-MS1)				Source: E			Prepared: 0	7/18/24 Ana	lyzed: 07/19/24
Benzene	2.52	0.0250	2.50	ND	101	48-131			
Ethylbenzene	2.57	0.0250	2.50	ND	103	45-135			
Toluene	2.42	0.0250	2.50	ND	96.8	48-130			
o-Xylene	2.55	0.0250	2.50	ND	102	43-135			
p,m-Xylene	5.10	0.0500	5.00	ND	102	43-135			
Total Xylenes	7.65	0.0250	7.50	ND	102	43-135			
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.462		0.500		92.4	70-130			
Surrogate: Toluene-d8	0.496		0.500		99.2	70-130			
Matrix Spike Dup (2429088-MSD1)				Source: E4	407146-2	25	Prepared: 0	7/18/24 Ana	lyzed: 07/19/24
Benzene	2.35	0.0250	2.50	ND	94.1	48-131	6.70	23	
Ethylbenzene	2.39	0.0250	2.50	ND	95.5	45-135	7.25	27	
Toluene	2.24	0.0250	2.50	ND	89.4	48-130	7.99	24	
o-Xylene	2.40	0.0250	2.50	ND	96.0	43-135	6.06	27	
p,m-Xylene	4.79	0.0500	5.00	ND	95.7	43-135	6.43	27	
Total Xylenes	7.19	0.0250	7.50	ND	95.8	43-135	6.31	27	
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
· ·	0.310		0.500		99.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		<i>))</i> .0	70-150			
Surrogate: Toluene-d8	0.495		0.500		98.9	70-130			



QC Summary Data

		QU DI		ary Data	•				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	0	ast Pecos 22-3H 1058-0007 shley Giovengo					Reported: 7/24/2024 7:36:56AM
	Nonhalogenated Organics by EPA 8015D - GRO								Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2429088-BLK1)							Prepared: 0	7/18/24 A	Analyzed: 07/19/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.508		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
Surrogate: Toluene-d8	0.479		0.500		95.7	70-130			
LCS (2429088-BS2)							Prepared: 0	7/18/24 A	Analyzed: 07/19/24
Gasoline Range Organics (C6-C10)	45.4	20.0	50.0		90.9	70-130			
Surrogate: Bromofluorobenzene	0.511		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500		95.9	70-130			
Surrogate: Toluene-d8	0.499		0.500		99.7	70-130			
Matrix Spike (2429088-MS2)				Source: E	407146-2	25	Prepared: 0	7/18/24 A	Analyzed: 07/19/24
Gasoline Range Organics (C6-C10)	47.3	20.0	50.0	ND	94.5	70-130			
Surrogate: Bromofluorobenzene	0.517		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.1	70-130			
Surrogate: Toluene-d8	0.501		0.500		100	70-130			
Matrix Spike Dup (2429088-MSD2)				Source: E	407146-2	25	Prepared: 0	7/18/24 A	Analyzed: 07/19/24
Gasoline Range Organics (C6-C10)	47.1	20.0	50.0	ND	94.2	70-130	0.336	20	
Surrogate: Bromofluorobenzene	0.519		0.500		104	70-130			
	0 177		0.500		95.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.5	70-150			

QC Summary Data

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Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		East Pecos 22-3F 01058-0007	-				Reported:
Artesia NM, 88210		Project Manager:		Ashley Giovengo)				7/24/2024 7:36:56AM
	Nonh	alogenated Org	anics b	y EPA 8015D	- DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2429087-BLK1)							Prepared: 0	7/18/24 A	nalyzed: 07/20/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	56.8		50.0		114	50-200			
LCS (2429087-BS1)							Prepared: 0	7/18/24 A	nalyzed: 07/20/24
Diesel Range Organics (C10-C28)	282	25.0	250		113	38-132			
Surrogate: n-Nonane	57.6		50.0		115	50-200			
Matrix Spike (2429087-MS1)				Source: F	407146-	30	Prepared: 0	7/18/24 A	nalyzed: 07/20/24
Diesel Range Organics (C10-C28)	282	25.0	250	ND	113	38-132			
Surrogate: n-Nonane	59.7		50.0		119	50-200			
Matrix Spike Dup (2429087-MSD1)				Source: H	407146-	30	Prepared: 0	7/18/24 A	nalyzed: 07/20/24
Diesel Range Organics (C10-C28)	278	25.0	250	ND	111	38-132	1.48	20	
Surrogate: n-Nonane	58.1		50.0		116	50-200			



QC Summary Data

			•	J –	•					
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:		East Pecos 22-31 01058-0007 Ashley Giovengo					Reported: 7/24/2024 7:36:56	5AM
		, ,		. 300.0/9056A					Analyst: JM	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2429095-BLK1)							Prepared: 0	7/18/24 A	Analyzed: 07/19/24	1
Chloride	ND	20.0								
LCS (2429095-BS1)							Prepared: 0	7/18/24 A	Analyzed: 07/19/24	4
Chloride	248	20.0	250		99.0	90-110				
Matrix Spike (2429095-MS1)				Source: l	E407146-2	26	Prepared: 0	7/18/24 A	Analyzed: 07/19/24	ł
Chloride	474	20.0	250	251	89.1	80-120				
Matrix Spike Dup (2429095-MSD1)				Source: l	E407146-2	26	Prepared: 0	7/18/24 A	Analyzed: 07/19/24	4
Chloride	513	20.0	250	251	105	80-120	7.90	20		

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



	201110101		
Devon Energy - Carlsbad	Project Name:	East Pecos 22-3H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	07/24/24 07:36

ND Analyte NOT DETECTED at or above the reporting limit	ND	Analyte NOT DETECTED at or above the reporting limit
---	----	--

- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Released to Imaging: 11/1/2024 11:50:08 AM

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Chain	of	Custody
	i -	•

	Clier	nt Inform	nation			Invoice Information	on				La	b Us	se On	nly				TA	T				State	;	
lient: D						ompany: Devon			Lab	WOŧ	ŧ		Job				1D	2D	3D S	Std	NN	vi co	UT	TX	
	ast Pecos Fe	deral 22	-3H			ddress: 5315 Buena Vista D	r		F	407149 01058-0007						<u> </u>	X								
	Anager: Asl					ity, State, Zip: Carlsbad NM)															_	-	
	3122 Nation					Phone: (575)689-7597			-	Analysis and Method					hod				1	EPA F	Progra	m			
	e, Zip: Carls					Email: jim.raley@dvn.com								Ĺ							SDWA		WA	RCR	A
	75-988-005					scellaneous: Jim Raley													1						
	giovengo@e		om							6	۰ ۵									G	omplia	ance	Y	or	N
	No. of Boc. of						- 2			5	8015			0			5			P	WSID	#			
				Sam	ple Informat	ion				Â	ې و	<u>30</u> 21	260	8	Σ	Ę.	Aeta					•			
Time Date Sampled Matrix No. of Containers					Sample ID				Lab Number	DRO/ORO by 8015	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals					Re	marks		
10:18	7/16/2024	S	1		· · · · · · · · · · · · · · · · · · ·	SS07 - 4'			1				-	Ŭ	x	-						-			
12:05	7/16/2024	s	1			SS07 - 8'			2						x										
10:20	7/16/2024	S	1			РН01 - 0'			3						x										
10:30	7/16/2024	S	1			РНО1 - 4'	(4						x										
11:58	7/16/2024	S	1			PH01 - 8'	•		5						x										
9:50	7/16/2024	s	1			PH02 - 0'	1		6						x										
10:05	7/16/2024	s	1			РНО2 - 4'			7						x										
13:18	7/16/2024	S	1			PHO2 - 8'			8						x										
Addition	al Instructio	ons: Ple	ase CC:	cburton@e	ensolum.com	n, agiovengo@ensolum.com	n, jim.ra	aley	@dvn.co	om, ie	estre	lla@	enso	olum.	com	bde	al@e	ensol	um, c	:hami	lton@	ensc	olum.c	om,	
osimmo , (field sam	ns@ensolun pler), attest to the	n.com e validity and	d authentic	city of this samp	ole. I am aware th	at tampering with or intentionally mis	labeling th	ne san	nple locatio	n, date	or tim	e of c	ollectio	on is co	nsider	ed frau	ıd and	may b	egroun	ds for le	gal actio	on.			-
	:Cole Burton									1			-												_
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150m	ran Sin			7/17/24				_	17.24	-	015	<u>)</u>	4			wente									
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ample Ma	trix: S - Soil, Sd - S	Solid, Sg - Slu	idge, A - Ad	queous, O - Oth	er				tainer Typ							- am	ber g	ass, \	1 - VOI	4					
	4 41	dod 14 day	s after reg	sults are repo	rted unless othe	er arrangements are made. Hazarc th this COC. The liability of the lab	lous sam	ples	will be ret	urned	to clie	ent or	dispo	sed o	f at th	e clie	nt exp	ense.	The re	port fo	r the ar	nalysis	of the	above	; (

Received by OCD: 10/30/2024 7:27:18 AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Client:	Devon Energy - Carlsbad	Date Received:	07/18/24	09:00	Work Order ID:	E407149
Phone:	(505) 382-1211	Date Logged In:	07/17/24	16:48	Logged In By:	Alexa Michaels
Email:		Due Date:	07/24/24	17:00 (4 day TAT)		
Chain of	Custody (COC)					
1. Does t	he sample ID match the COC?		Yes			
2. Does t	he number of samples per sampling site location matc	h the COC	Yes			
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: Courier		
4. Was th	e COC complete, i.e., signatures, dates/times, request	ed analyses?	Yes			
5. Were a	Ill samples received within holding time? Note: Analysis, such as pH which should be conducted in ti.e, 15 minute hold time, are not included in this disucssion		Yes		Commen	ts/Resolution
Sample 7	<u>Furn Around Time (TAT)</u>					
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample (Cooler					
7. Was a	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	e sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
11. If yes	s, were custody/security seals intact?		NA			
12. Was th	ne sample received on ice? If yes, the recorded temp is 4°C, i. Note: Thermal preservation is not required, if samples are minutes of sampling		Yes			
13. If no	visible ice, record the temperature. Actual sample t	emperature: <u>4</u> °	<u>C</u>			
	Container	· _	_			
	queous VOC samples present?		No			
	/OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
17. Was a	a trip blank (TB) included for VOC analyses?		NA			
18. Are n	non-VOC samples collected in the correct containers?		Yes			
19. Is the	appropriate volume/weight or number of sample contained	rs collected?	Yes			
Field La	<u>bel</u>					
20. Were	field sample labels filled out with the minimum infor	mation:				
	ample ID?		Yes			
	Date/Time Collected? Collectors name?		Yes	L		
-	Ollectors name? Preservation		Yes			
	the COC or field labels indicate the samples were pre	served?	No			
	ample(s) correctly preserved?		NA			
	filteration required and/or requested for dissolved me	tals?	No			
			110			
	ase Sample Matrix	.9	NT-			
	s, does the COC specify which phase(s) is to be analyz		No			
	s, does me COC specify which phase(s) is to be analyz	cu?	NA			
-						
Subcont	ract Laboratory					
Subcont 28. Are s	ract Laboratory_ amples required to get sent to a subcontract laboratory a subcontract laboratory specified by the client and if s		No NA	Subcontract Lab: NA		

Signature of client authorizing changes to the COC or sample disposition.



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5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name:

East Pecos Federal 22-3H

Work Order: E408153

Job Number: 01058-0007

Received: 8/19/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 8/23/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 8/23/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: East Pecos Federal 22-3H Workorder: E408153 Date Received: 8/19/2024 8:30:00AM

Ashley Giovengo,



Page 162 of 419

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/19/2024 8:30:00AM, under the Project Name: East Pecos Federal 22-3H.

The analytical test results summarized in this report with the Project Name: East Pecos Federal 22-3H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

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Sample Summary

		Sample Sum	illai y		
Devon Energy - Carlsbad		Project Name:	East Pecos Federal	22-3H	Reported:
6488 7 Rivers Hwy		Project Number:	01058-0007		Keporteu.
Artesia NM, 88210		Project Manager:	Ashley Giovengo		08/23/24 06:57
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS01 - 9'	E408153-01A	Soil	08/15/24	08/19/24	Glass Jar, 2 oz.
FS02 - 9'	E408153-02A	Soil	08/15/24	08/19/24	Glass Jar, 2 oz.
FS03 - 9'	E408153-03A	Soil	08/15/24	08/19/24	Glass Jar, 2 oz.
FS05 - 9'	E408153-04A	Soil	08/15/24	08/19/24	Glass Jar, 2 oz.
FS06 - 9'	E408153-05A	Soil	08/15/24	08/19/24	Glass Jar, 2 oz.
FS07 - 9'	E408153-06A	Soil	08/15/24	08/19/24	Glass Jar, 2 oz.
FS08 - 9'	E408153-07A	Soil	08/15/24	08/19/24	Glass Jar, 2 oz.
FS09 - 9'	E408153-08A	Soil	08/15/24	08/19/24	Glass Jar, 2 oz.
FS16 - 9'	E408153-09A	Soil	08/15/24	08/19/24	Glass Jar, 2 oz.



	S	Sample D	ata			
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Num Project Mana	ber: 0103	Pecos Feder 58-0007 ley Giovengo			Reported: 8/23/2024 6:57:12AM
Alusia Nivi, 00210	T Toject Wianz	-	ley Glovelige	<u>,</u>		0.25/2021 0.57.12/101
		FS01 - 9' E408153-01				
		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	.nalyst: IY		Batch: 2434008
Benzene	ND	0.0250	1	08/19/24	08/19/24	
Ethylbenzene	ND	0.0250	1	08/19/24	08/19/24	
Toluene	ND	0.0250	1	08/19/24	08/19/24	
o-Xylene	ND	0.0250	1	08/19/24	08/19/24	
p,m-Xylene	ND	0.0500	1	08/19/24	08/19/24	
Total Xylenes	ND	0.0250	1	08/19/24	08/19/24	
Surrogate: Bromofluorobenzene		115 %	70-130	08/19/24	08/19/24	
Surrogate: 1,2-Dichloroethane-d4		87.6 %	70-130	08/19/24	08/19/24	
Surrogate: Toluene-d8		110 %	70-130	08/19/24	08/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	nalyst: IY		Batch: 2434008
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/19/24	08/19/24	
Surrogate: Bromofluorobenzene		115 %	70-130	08/19/24	08/19/24	
Surrogate: 1,2-Dichloroethane-d4		87.6 %	70-130	08/19/24	08/19/24	
Surrogate: Toluene-d8		110 %	70-130	08/19/24	08/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	nalyst: NV		Batch: 2434004
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/24	08/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/19/24	08/20/24	
Surrogate: n-Nonane		92.3 %	50-200	08/19/24	08/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	А	.nalyst: JM		Batch: 2434006
Chloride	47.7	20.0	1	08/19/24	08/19/24	



Sample Data

		ample D	ata				
Devon Energy - Carlsbad	Project Name:	: East	Pecos Fee	deral 22-	3Н		
6488 7 Rivers Hwy	Project Numb		58-0007				Reported:
Artesia NM, 88210	Project Manag	ger: Ash	ley Giover	8/23/2024 6:57:12AM			
		FS02 - 9'					
		E408153-02					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: IY		Batch: 2434008
Benzene	ND	0.0250		1	08/19/24	08/19/24	
Ethylbenzene	ND	0.0250		1	08/19/24	08/19/24	
Toluene	ND	0.0250		1	08/19/24	08/19/24	
o-Xylene	ND	0.0250		1	08/19/24	08/19/24	
o,m-Xylene	ND	0.0500		1	08/19/24	08/19/24	
Total Xylenes	ND	0.0250		1	08/19/24	08/19/24	
Surrogate: Bromofluorobenzene		114 %	70-130		08/19/24	08/19/24	
Surrogate: 1,2-Dichloroethane-d4		89.3 %	70-130		08/19/24	08/19/24	
Surrogate: Toluene-d8		110 %	70-130		08/19/24	08/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2434008
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/19/24	08/19/24	
Surrogate: Bromofluorobenzene		114 %	70-130		08/19/24	08/19/24	
Surrogate: 1,2-Dichloroethane-d4		89.3 %	70-130		08/19/24	08/19/24	
Surrogate: Toluene-d8		110 %	70-130		08/19/24	08/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2434004
Diesel Range Organics (C10-C28)	ND	25.0		1	08/19/24	08/20/24	
Dil Range Organics (C28-C36)	ND	50.0		1	08/19/24	08/20/24	
Surrogate: n-Nonane		98.9 %	50-200		08/19/24	08/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	JM		Batch: 2434006
Chloride	62.2	20.0		1	08/19/24	08/19/24	



Sample Data

	D	ample D	uu				
Devon Energy - Carlsbad	Project Name	: East	Pecos Fee	leral 22-	3Н		
6488 7 Rivers Hwy	Project Numb		58-0007				Reported:
Artesia NM, 88210	Project Mana	ger: Ash	ley Giover	ngo		8/23/2024 6:57:12AM	
		FS03 - 9'					
		E408153-03					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2434008
Benzene	ND	0.0250		1	08/19/24	08/19/24	
Ethylbenzene	ND	0.0250		1	08/19/24	08/19/24	
Toluene	ND	0.0250		1	08/19/24	08/19/24	
p-Xylene	ND	0.0250		1	08/19/24	08/19/24	
o,m-Xylene	ND	0.0500		1	08/19/24	08/19/24	
Total Xylenes	ND	0.0250		1	08/19/24	08/19/24	
Surrogate: Bromofluorobenzene		115 %	70-130		08/19/24	08/19/24	
Surrogate: 1,2-Dichloroethane-d4		91.9 %	70-130		08/19/24	08/19/24	
Surrogate: Toluene-d8		108 %	70-130		08/19/24	08/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2434008
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/19/24	08/19/24	
Surrogate: Bromofluorobenzene		115 %	70-130		08/19/24	08/19/24	
Surrogate: 1,2-Dichloroethane-d4		91.9 %	70-130		08/19/24	08/19/24	
urrogate: Toluene-d8		108 %	70-130		08/19/24	08/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2434004
Diesel Range Organics (C10-C28)	ND	25.0		1	08/19/24	08/20/24	
Dil Range Organics (C28-C36)	ND	50.0		1	08/19/24	08/20/24	
Surrogate: n-Nonane		98.2 %	50-200		08/19/24	08/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: JM		Batch: 2434006
Chloride	119	20.0		1	08/19/24	08/19/24	



Sample Data

		ample D					
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Numbo Project Manag	er: 010:	Pecos Fee 58-0007 ley Giover		3Н		Reported: 8/23/2024 6:57:12AM
Artesia INM, 86210	Floject Mallag			iigo			0/25/2024 0.57.12AM
		FS05 - 9'					
		E408153-04					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	IY		Batch: 2434008
Benzene	ND	0.0250		1	08/19/24	08/19/24	
Ethylbenzene	ND	0.0250		1	08/19/24	08/19/24	
Toluene	ND	0.0250		1	08/19/24	08/19/24	
p-Xylene	ND	0.0250		1	08/19/24	08/19/24	
p,m-Xylene	ND	0.0500		1	08/19/24	08/19/24	
Total Xylenes	ND	0.0250		1	08/19/24	08/19/24	
Surrogate: Bromofluorobenzene		113 %	70-130		08/19/24	08/19/24	
Surrogate: 1,2-Dichloroethane-d4		91.6 %	70-130		08/19/24	08/19/24	
Surrogate: Toluene-d8		110 %	70-130		08/19/24	08/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	IY		Batch: 2434008
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/19/24	08/19/24	
Surrogate: Bromofluorobenzene		113 %	70-130		08/19/24	08/19/24	
Surrogate: 1,2-Dichloroethane-d4		91.6 %	70-130		08/19/24	08/19/24	
Surrogate: Toluene-d8		110 %	70-130		08/19/24	08/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	NV		Batch: 2434004
Diesel Range Organics (C10-C28)	ND	25.0		1	08/19/24	08/20/24	
Oil Range Organics (C28-C36)	ND	50.0		1	08/19/24	08/20/24	
Surrogate: n-Nonane		98.0 %	50-200		08/19/24	08/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	JM		Batch: 2434006
Chloride	42.7	20.0		1	08/19/24	08/19/24	



Sample Data

		imple D					
Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Numbe		Pecos Fec 58-0007	leral 22-	3Н		Reported:
Artesia NM, 88210	Project Manage		ley Giover	igo			8/23/2024 6:57:12AM
		FS06 - 9'					
]	E408153-05					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2434008
Benzene	ND	0.0250		1	08/19/24	08/19/24	
Ethylbenzene	ND	0.0250		1	08/19/24	08/19/24	
Toluene	ND	0.0250		1	08/19/24	08/19/24	
o-Xylene	ND	0.0250		1	08/19/24	08/19/24	
p,m-Xylene	ND	0.0500		1	08/19/24	08/19/24	
Total Xylenes	ND	0.0250		1	08/19/24	08/19/24	
Surrogate: Bromofluorobenzene		114 %	70-130		08/19/24	08/19/24	
Surrogate: 1,2-Dichloroethane-d4		92.0 %	70-130		08/19/24	08/19/24	
Surrogate: Toluene-d8		109 %	70-130		08/19/24	08/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2434008
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/19/24	08/19/24	
Surrogate: Bromofluorobenzene		114 %	70-130		08/19/24	08/19/24	
Surrogate: 1,2-Dichloroethane-d4		92.0 %	70-130		08/19/24	08/19/24	
Surrogate: Toluene-d8		109 %	70-130		08/19/24	08/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2434004
Diesel Range Organics (C10-C28)	ND	25.0		1	08/19/24	08/20/24	
Oil Range Organics (C28-C36)	ND	50.0		1	08/19/24	08/20/24	
Surrogate: n-Nonane		99.6 %	50-200		08/19/24	08/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	JM		Batch: 2434006
Chloride	182	20.0		1	08/19/24	08/19/24	



Sample Data

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Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Numb Project Manag	er: 0105	Pecos Fec 58-0007 ley Giover		3Н		Reported: 8/23/2024 6:57:12AM
		FS07 - 9'					
		E408153-06					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2434008
Benzene	ND	0.0250		1	08/19/24	08/19/24	
Ethylbenzene	ND	0.0250		1	08/19/24	08/19/24	
Toluene	ND	0.0250		1	08/19/24	08/19/24	
o-Xylene	ND	0.0250		1	08/19/24	08/19/24	
p,m-Xylene	ND	0.0500		1	08/19/24	08/19/24	
Total Xylenes	ND	0.0250		1	08/19/24	08/19/24	
Surrogate: Bromofluorobenzene		112 %	70-130		08/19/24	08/19/24	
Surrogate: 1,2-Dichloroethane-d4		89.5 %	70-130		08/19/24	08/19/24	
Surrogate: Toluene-d8		110 %	70-130		08/19/24	08/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2434008
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/19/24	08/19/24	
Surrogate: Bromofluorobenzene		112 %	70-130		08/19/24	08/19/24	
Surrogate: 1,2-Dichloroethane-d4		89.5 %	70-130		08/19/24	08/19/24	
Surrogate: Toluene-d8		110 %	70-130		08/19/24	08/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2434004
Diesel Range Organics (C10-C28)	ND	25.0		1	08/19/24	08/20/24	
Oil Range Organics (C28-C36)	ND	50.0		1	08/19/24	08/20/24	
Surrogate: n-Nonane		100 %	50-200		08/19/24	08/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	JM		Batch: 2434006
Chloride	75.5	20.0		1	08/19/24	08/19/24	



Sample Data

	5	ampie D					
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Numb Project Mana	oer: 0103	Pecos Feo 58-0007 ley Giover		3Н		Reported: 8/23/2024 6:57:12AM
,	5	-	5	8			
		FS08 - 9' E408153-07					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: IY		Batch: 2434008
Benzene	ND	0.0250		1	08/19/24	08/19/24	
Ethylbenzene	ND	0.0250		1	08/19/24	08/19/24	
Toluene	ND	0.0250		1	08/19/24	08/19/24	
p-Xylene	ND	0.0250		1	08/19/24	08/19/24	
p,m-Xylene	ND	0.0500		1	08/19/24	08/19/24	
Total Xylenes	ND	0.0250		1	08/19/24	08/19/24	
Surrogate: Bromofluorobenzene		115 %	70-130		08/19/24	08/19/24	
Surrogate: 1,2-Dichloroethane-d4		89.9 %	70-130		08/19/24	08/19/24	
Surrogate: Toluene-d8		109 %	70-130		08/19/24	08/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2434008
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/19/24	08/19/24	
Surrogate: Bromofluorobenzene		115 %	70-130		08/19/24	08/19/24	
Surrogate: 1,2-Dichloroethane-d4		89.9 %	70-130		08/19/24	08/19/24	
Surrogate: Toluene-d8		109 %	70-130		08/19/24	08/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: NV		Batch: 2434004
Diesel Range Organics (C10-C28)	ND	25.0		1	08/19/24	08/20/24	
Oil Range Organics (C28-C36)	ND	50.0		1	08/19/24	08/20/24	
Surrogate: n-Nonane		101 %	50-200		08/19/24	08/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: JM		Batch: 2434006
Chloride	83.5	20.0		1	08/19/24	08/19/24	



Sample Data

		ampic D					
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 0105	Pecos Fed 58-0007 ley Gioven		3Н		Reported: 8/23/2024 6:57:12AM
		FS09 - 9'					
		E408153-08					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2434008
Benzene	ND	0.0250		1	08/19/24	08/19/24	
Ethylbenzene	ND	0.0250		1	08/19/24	08/19/24	
Toluene	ND	0.0250		1	08/19/24	08/19/24	
p-Xylene	ND	0.0250		1	08/19/24	08/19/24	
p,m-Xylene	ND	0.0500		1	08/19/24	08/19/24	
Total Xylenes	ND	0.0250		1	08/19/24	08/19/24	
Surrogate: Bromofluorobenzene		112 %	70-130		08/19/24	08/19/24	
Surrogate: 1,2-Dichloroethane-d4		91.8 %	70-130		08/19/24	08/19/24	
Surrogate: Toluene-d8		110 %	70-130		08/19/24	08/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2434008
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/19/24	08/19/24	
Surrogate: Bromofluorobenzene		112 %	70-130		08/19/24	08/19/24	
Surrogate: 1,2-Dichloroethane-d4		91.8 %	70-130		08/19/24	08/19/24	
Surrogate: Toluene-d8		110 %	70-130		08/19/24	08/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2434004
Diesel Range Organics (C10-C28)	ND	25.0		1	08/19/24	08/20/24	
Oil Range Organics (C28-C36)	ND	50.0		1	08/19/24	08/20/24	
Surrogate: n-Nonane		103 %	50-200		08/19/24	08/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	JM		Batch: 2434006
Chloride	96.0	20.0		1	08/19/24	08/19/24	



Sample Data

	~	ampic D					
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 0103	Pecos Fed 58-0007 ley Gioven		3Н		Reported: 8/23/2024 6:57:12AM
		FS16 - 9'					
		E408153-09					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2434008
Benzene	ND	0.0250		1	08/19/24	08/20/24	
Ethylbenzene	ND	0.0250		1	08/19/24	08/20/24	
Toluene	ND	0.0250		1	08/19/24	08/20/24	
o-Xylene	ND	0.0250		1	08/19/24	08/20/24	
p,m-Xylene	ND	0.0500		1	08/19/24	08/20/24	
Total Xylenes	ND	0.0250		1	08/19/24	08/20/24	
Surrogate: Bromofluorobenzene		112 %	70-130		08/19/24	08/20/24	
Surrogate: 1,2-Dichloroethane-d4		91.2 %	70-130		08/19/24	08/20/24	
Surrogate: Toluene-d8		109 %	70-130		08/19/24	08/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2434008
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/19/24	08/20/24	
Surrogate: Bromofluorobenzene		112 %	70-130		08/19/24	08/20/24	
Surrogate: 1,2-Dichloroethane-d4		91.2 %	70-130		08/19/24	08/20/24	
Surrogate: Toluene-d8		109 %	70-130		08/19/24	08/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2434004
Diesel Range Organics (C10-C28)	ND	25.0		1	08/19/24	08/20/24	
Oil Range Organics (C28-C36)	ND	50.0		1	08/19/24	08/20/24	
Surrogate: n-Nonane		100 %	50-200		08/19/24	08/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	JM		Batch: 2434006
Chloride	263	20.0		1	08/19/24	08/19/24	



QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		st Pecos Fede 058-0007	ral 22-3H				Reported:
Artesia NM, 88210		Project Manager:		hley Gioveng	0			8/.	23/2024 6:57:12AM
		Volatile Organic	Analyst: IY						
Analyte		Reporting	Spike	Source		Rec		RPD	
	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2434008-BLK1)							Prepared: 08	8/19/24 Ana	lyzed: 08/19/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.557		0.500		111	70-130			
	0.446		0.500		89.2	70-130			
Surrogate: 1,2-Dichloroethane-d4			0.500		109	70-130			
Surrogate: Toluene-d8	0.543		0.500		109	/0-150			
LCS (2434008-BS1)							Prepared: 08	8/19/24 Ana	lyzed: 08/19/24
Benzene	2.31	0.0250	2.50		92.2	70-130			
Ethylbenzene	2.49	0.0250	2.50		99.6	70-130			
Toluene	2.53	0.0250	2.50		101	70-130			
p-Xylene	2.76	0.0250	2.50		110	70-130			
p,m-Xylene	5.49	0.0500	5.00		110	70-130			
Total Xylenes	8.25	0.0250	7.50		110	70-130			
Surrogate: Bromofluorobenzene	0.573		0.500		115	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.476		0.500		95.2	70-130			
Surrogate: Toluene-d8	0.541		0.500		108	70-130			
Matrix Spike (2434008-MS1)				Source:	E408156-0	03	Prepared: 08	8/19/24 Ana	lyzed: 08/19/24
Benzene	2.22	0.0250	2.50	ND	88.9	48-131			
Ethylbenzene	2.39	0.0250	2.50	ND	95.7	45-135			
Toluene	2.45	0.0250	2.50	ND	98.0	48-130			
p-Xylene	2.71	0.0250	2.50	ND	108	43-135			
p,m-Xylene	5.35	0.0500	5.00	ND	107	43-135			
Total Xylenes	8.06	0.0250	7.50	ND	107	43-135			
Surrogate: Bromofluorobenzene	0.593		0.500		119	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.462		0.500		92.4	70-130			
Surrogate: Toluene-d8	0.539		0.500		108	70-130			
Matrix Spike Dup (2434008-MSD1)				Source	E408156-(03	Prenared 09	8/19/24 Ana	lyzed: 08/19/24
Benzene	2.28	0.0250	2.50	ND	91.1	48-131	2.47	23	
Ethylbenzene	2.46	0.0250	2.50	ND	98.6	45-135	2.94	27	
Toluene	2.52	0.0250	2.50	ND	101	48-130	2.68	24	
o-Xylene	2.69	0.0250	2.50	ND	107	43-135	0.723	27	
	5.37	0.0230	5.00	ND	107	43-135	0.723	27	
p,m-Xylene	8.05	0.0500	3.00 7.50	ND	107	43-135	0.0317	27	
Total Xylenes		0.0250	0.500	ND		70-130	0.0510	21	
Surrogate: Bromofluorobenzene	0.561				112				
Surrogate: 1,2-Dichloroethane-d4	0.474		0.500		94.8	70-130			
Surrogate: Toluene-d8	0.539		0.500		108	70-130			



QC Summary Data

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Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:		East Pecos Fede 01058-0007 Ashley Gioveng					Reported: 8/23/2024 6:57:12AM
	No	onhalogenated O	rganic	s by EPA 801	15D - GF	RO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2434008-BLK1)							Prepared: 0	8/19/24	Analyzed: 08/19/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.557		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.446		0.500		89.2	70-130			
Surrogate: Toluene-d8	0.543		0.500		109	70-130			
LCS (2434008-BS2)							Prepared: 0	8/19/24	Analyzed: 08/19/24
Gasoline Range Organics (C6-C10)	54.5	20.0	50.0		109	70-130			
Surrogate: Bromofluorobenzene	0.587		0.500		117	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.459		0.500		91.8	70-130			
Surrogate: Toluene-d8	0.550		0.500		110	70-130			
Matrix Spike (2434008-MS2)				Source:	E408156-0	3	Prepared: 0	8/19/24	Analyzed: 08/19/24
Gasoline Range Organics (C6-C10)	51.2	20.0	50.0	ND	102	70-130			
Surrogate: Bromofluorobenzene	0.564		0.500		113	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.448		0.500		89.5	70-130			
Surrogate: Toluene-d8	0.540		0.500		108	70-130			
Matrix Spike Dup (2434008-MSD2)				Source:	E408156-0	3	Prepared: 0	8/19/24	Analyzed: 08/19/24
Gasoline Range Organics (C6-C10)	51.4	20.0	50.0	ND	103	70-130	0.427	20	
Surrogate: Bromofluorobenzene	0.582		0.500		116	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.462		0.500		92.4	70-130			
Surrogate: Toluene-d8	0.546		0.500		109	70-130			

QC Summary Data

		QU D	u 111111	ary Date					
Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:	C	East Pecos Fede 01058-0007					Reported:
Artesia NM, 88210		Project Manager:	e A	Ashley Gioveng	go				8/23/2024 6:57:12AM
	Nonha	logenated Org	anics by	y EPA 8015E) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2434004-BLK1)							Prepared: 0	8/19/24 A	analyzed: 08/20/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.3		50.0		96.5	50-200			
LCS (2434004-BS1)							Prepared: 0	8/19/24 A	analyzed: 08/20/24
Diesel Range Organics (C10-C28)	186	25.0	250		74.5	38-132			
Surrogate: n-Nonane	50.6		50.0		101	50-200			
Matrix Spike (2434004-MS1)				Source:	E408152-	04	Prepared: 0	8/19/24 A	analyzed: 08/20/24
Diesel Range Organics (C10-C28)	202	25.0	250	ND	80.7	38-132			
Surrogate: n-Nonane	50.9		50.0		102	50-200			
Matrix Spike Dup (2434004-MSD1)				Source:	E408152-	04	Prepared: 0	8/19/24 A	analyzed: 08/20/24
Diesel Range Organics (C10-C28)	203	25.0	250	ND	81.3	38-132	0.795	20	
Surrogate: n-Nonane	49.3		50.0		98.5	50-200			



QC Summary Data

		• • •	-						
Devon Energy - Carlsbad		Project Name:		East Pecos Fede	eral 22-3H				Reported:
6488 7 Rivers Hwy		Project Number:		01058-0007					-
Artesia NM, 88210		Project Manager		Ashley Gioveng	go				8/23/2024 6:57:12AM
		Anions	by EPA	300.0/9056	4				Analyst: JM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2434006-BLK1)							Prepared: 0	8/19/24 A	analyzed: 08/19/24
Chloride	ND	20.0							
LCS (2434006-BS1)							Prepared: 0	8/19/24 A	analyzed: 08/19/24
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2434006-MS1)				Source:	E408154-0	4	Prepared: 0	8/19/24 A	analyzed: 08/19/24
Chloride	255	20.0	250	ND	102	80-120			
Matrix Spike Dup (2434006-MSD1)				Source:	E408154-0	4	Prepared: 0	8/19/24 A	analyzed: 08/19/24
Chloride	254	20.0	250	ND	102	80-120	0.587	20	

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Γ	Devon Energy - Carlsbad	Project Name:	East Pecos Federal 22-3H	
	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
	Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/23/24 06:57

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



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bsimmons@ensolum.com

(Signature)

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Sampled by: __Cole Burton

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Relinquished

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	evon <u>Aanager: Ash</u> <u>3122 Natior</u> e, Zip: Carlsh 575-988-0055 giovengo@er Date Sampled 8/15/2024 8/15/2024 8/15/2024 8/15/2024 8/15/2024	Anager: Ashley Giov 3122 National Parks e, Zip: Carlsbad NM, 575-988-0055 giovengo@ensolum.c Date Sampled Matrix 8/15/2024 Sd 8/15/2024 Sd 8/15/2024 Sd 8/15/2024 Sd 8/15/2024 Sd 8/15/2024 Sd 8/15/2024 Sd	Pevon Manager: Ashley Giovengo 3122 National Parks Hwy e, Zip: Carlsbad NM, 88220 575-988-0055 giovengo@ensolum.com Date Sampled Matrix 8/15/2024 Sd 1 8/15/2024 Sd 1 8/15/2024 Sd 1 8/15/2024	Vevon Anager: Ashley Giovengo 3122 National Parks Hwy e, Zip: Carlsbad NM, 88220 575-988-0055 giovengo@ensolum.com Sample Info Date Sampled Matrix No. of Containers 8/15/2024 Sd 1 8/15/2024 Sd 1	Client Information Invoice Information evon Company: Devon Ananger: Ashley Giovengo Address: 5315 Buena Vista Dr 3122 National Parks Hwy City, State, Zip: Carlsbad NM, 8 e, Zip: Carlsbad NM, 88220 Email: jim.raley@dvn.com 675-988-0055 Miscellaneous: Jim Raley giovengo@ensolum.com Sample Information Date Sampled Matrix No. of Containers \$8/15/2024 Sd 1 8/15/2024 Sd 1 </td <td>Client Information Invoice Information evon </td> <td>Company: Devon Ananger: Ashley Giovengo Address: S315 Buena Vista Dr 3122 National Parks Hwy City, State, Zip: Carlsbad NM, 88220 phone: (575)689-7597 Email: jim.raley@dvn.com 675-988-0055 Miscellaneous: Jim Raley giovengo@ensolum.com Sample Information Date Sampled Matrix Containers 8/15/2024 Sd 1 8/15/2024 Sd</td> <td>Client InformationInvoice InformationCompany: DevonAnager: Ashley Giovengo3122 National Parks Hwye, Zip: Carlsbad NM, 88220Sample InformationEmail: jim.raley@dvn.comSample InformationDate SampledMatrixNo. of ContainersSample InformationEmail: jim.raley@dvn.comMatrixNo. of ContainersSample InformationEmail: jim.raley@dvn.comMatrixNo. of ContainersSample InformationEmail: jim.raley@dvn.comMatrixNo. of ContainersSample InformationEmail: jim.raley@dvn.comNumberSample InformationBate SampledMatrixNo. of 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Address: 5315 Buena Vista Dr City, State, Zip: Carlsbad NM, 88220 Phone: (575)689-7597 Lab WO# USE IS 30 IS BUENA VISTA DR City, State, Zip: Carlsbad NM, 88220 Phone: (575)689-7597 Lab WO# USE IS 30 IS BUENA VISTA DR City, State, Zip: Carlsbad NM, 88220 Phone: (575)689-7597 Email: jim.raley@dvn.com State, Zip: Carlsbad NM, 88220 State, Zip: Carlsbad NM, 88220 State, Zip: Carlsbad NM, 88220 State, Zip: Carlsbad NM, 8820 Sta</td> <td>Invoice Information Lab Use Only Company: Devon Address: 5315 Buena Vista Dr City, State, Zip: Carlsbad NM, 88220 Phone: (575)689-7597 Lab WO# Company: Devon Address: 5315 Buena Vista Dr City, State, Zip: Carlsbad NM, 88220 Phone: (575)689-7597 Lab WO# Company: Devon Address: 5315 Buena Vista Dr City, State, Zip: Carlsbad NM, 88220 Phone: (575)689-7597 State Sample Information State <ths< td=""><td>Invoice Information Lab USE Only Client Information Lab USE Only Adarges: 5315 Buena Vista Dr Job Number Adarges: 5315 Buena Vista Dr Job Number Gity, State, Zip: 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Received on ice:

AVG Temp °C

Samples requiring thermal preservation must be received on ice the day they are

Lab Use Only

T3

sampled or received packed in ice at an avg temp above 0 but less than 6 °C on

Y/N

T2

FS09 - 9'

FS16 - 9'

Received by: (Signature)

Received by (Signature)

Received by: (Signature)

Received by: (Signature)

2400

applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Time

Page	20	of 21	

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is

Date

8

Date

8.16.24

MUS

8:30

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

ime

Time

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, bdeal@ensolum, chamilton@ensolum.com,

I, (field sampler), attest to the validity and authenticity of this sample. 1 am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Hullo
Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Client:	Devon Energy - Carlsbad Da	te Received:	08/19/24 08:	30	Work Order ID: E408153
Phone:	(505) 382-1211 Da	te Logged In:	08/16/24 16:	:06	Logged In By: Noe Soto
Email:		e Date:	08/23/24 17	:00 (4 day TAT)	
Chain o	f Custody (COC)				
1. Does	the sample ID match the COC?		Yes		
2. Does	the number of samples per sampling site location match t	the COC	Yes		
3. Were	samples dropped off by client or carrier?		Yes	Carrier: (Courier
4. Was th	he COC complete, i.e., signatures, dates/times, requested	analyses?	No	_	
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	field,	Yes		Comments/Resolution
Sample	Turn Around Time (TAT)				
	e COC indicate standard TAT, or Expedited TAT?		Yes		Project name is missing on COC by client.
Sample	Cooler				Per A. Giovengo project name is East
	a sample cooler received?		Yes		Pecos Federal 22-3H.
8. If yes	, was cooler received in good condition?		Yes		
9. Was th	he sample(s) received intact, i.e., not broken?		Yes		
10. Were	e custody/security seals present?		No		
11. If ye	s, were custody/security seals intact?		NA		
12. Was t	the sample received on ice? If yes, the recorded temp is 4°C, i.e., Note: Thermal preservation is not required, if samples are rec		Yes		
10 10	minutes of sampling				
	visible ice, record the temperature. Actual sample ten	nperature: <u>4°</u>	<u>c</u>		
	<u>Container</u>		N		
	aqueous VOC samples present? VOC samples collected in VOA Vials?		No NA		
	e head space less than 6-8 mm (pea sized or less)?		NA		
	a trip blank (TB) included for VOC analyses?		NA		
	non-VOC samples collected in the correct containers?		Yes		
	e appropriate volume/weight or number of sample containers	collected?	Yes		
Field La		-snootour	100		
	e field sample labels filled out with the minimum information of the minimu	ation:			
	Sample ID?		Yes		
	Date/Time Collected?		Yes		L
	Collectors name?		No		
	Preservation	10	N		
	s the COC or field labels indicate the samples were prese	rved?	No		
	sample(s) correctly preserved? b filteration required and/or requested for dissolved meta	1.0	NA N-		
		15 (No		
	nase Sample Matrix		~-		
	s the sample have more than one phase, i.e., multiphase?	10	No		
•	s, does the COC specify which phase(s) is to be analyzed	17	NA		
	tract Laboratory		3.7		
	samples required to get sent to a subcontract laboratory?	1.0	No		
29. Was	a subcontract laboratory specified by the client and if so	wno?	NA S	ubcontract La	b: NA



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5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: East Pecos Federal 22-3H

Work Order: E408155

Job Number: 01058-0007

Received: 8/19/2024

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 8/26/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 8/26/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: East Pecos Federal 22-3H Workorder: E408155 Date Received: 8/19/2024 8:30:00AM

Ashley Giovengo,



Page 183 of 419

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/19/2024 8:30:00AM, under the Project Name: East Pecos Federal 22-3H.

The analytical test results summarized in this report with the Project Name: East Pecos Federal 22-3H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com

Michelle Gonzales Client Representative Office: 505-421-LABS(5227) Cell: 505-947-8222 mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

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		Sample Sum	inar y		
Devon Energy - Carlsbad		Project Name:	East Pecos Federal	22-3Н	Poportadi.
6488 7 Rivers Hwy	Project Number: 01058-0007		01058-0007		Reported:
Artesia NM, 88210		Project Manager:	Ashley Giovengo		08/26/24 12:56
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW - 0-9'	E408155-01A	Soil	08/15/24	08/19/24	Glass Jar, 2 oz.
SW19 - 0-9'	E408155-02A	Soil	08/15/24	08/19/24	Glass Jar, 2 oz.



	~	impic D					
Devon Energy - Carlsbad	Project Name:		D (1				
6488 7 Rivers Hwy Artesia NM, 88210	Project Numbe Project Manage		58-0007 ley Gioveng			Reported: 8/26/2024 12:56:53PM	
Artesia NNI, 88210	Project Manage	er: Asn	ley Gloveng	go			8/20/2024 12:30:33FW
		SW - 0-9'					
]	E408155-01					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	L	Analyst: I	Y		Batch: 2434010
Benzene	ND	0.0250	1	l	08/19/24	08/19/24	
Ethylbenzene	ND	0.0250	1	l	08/19/24	08/19/24	
Toluene	ND	0.0250	1	l	08/19/24	08/19/24	
o-Xylene	ND	0.0250	1	l	08/19/24	08/19/24	
p,m-Xylene	ND	0.0500	1	l	08/19/24	08/19/24	
Total Xylenes	ND	0.0250	1	l	08/19/24	08/19/24	
Surrogate: Bromofluorobenzene		97.5 %	70-130		08/19/24	08/19/24	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130		08/19/24	08/19/24	
Surrogate: Toluene-d8		104 %	70-130		08/19/24	08/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	mg/kg Analyst: IY				Batch: 2434010
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	08/19/24	08/19/24	
Surrogate: Bromofluorobenzene		97.5 %	70-130		08/19/24	08/19/24	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130		08/19/24	08/19/24	
Surrogate: Toluene-d8		104 %	70-130		08/19/24	08/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: N	NV		Batch: 2434003
Diesel Range Organics (C10-C28)	ND	25.0	1		08/19/24	08/19/24	
Dil Range Organics (C28-C36)	ND	50.0	1	l	08/19/24	08/19/24	
Surrogate: n-Nonane		100 %	50-200		08/19/24	08/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: J	М		Batch: 2434006
Chloride	3110	40.0	2	2	08/19/24	08/19/24	

Sample Data



Sample Data

		imple D	ata				
Devon Energy - Carlsbad	Project Name:	East	Pecos Fec	leral 22-	3Н		
6488 7 Rivers Hwy	Project Numbe		58-0007				Reported:
Artesia NM, 88210	Project Manag	er: Ash	ley Giover	igo			8/26/2024 12:56:53PM
	5	SW19 - 0-9'					
	-	E408155-02					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2434010
Benzene	ND	0.0250		1	08/19/24	08/19/24	
Ethylbenzene	ND	0.0250		1	08/19/24	08/19/24	
Toluene	ND	0.0250		1	08/19/24	08/19/24	
o-Xylene	ND	0.0250		1	08/19/24	08/19/24	
,m-Xylene	ND	0.0500		1	08/19/24	08/19/24	
Total Xylenes	ND	0.0250		1	08/19/24	08/19/24	
Surrogate: Bromofluorobenzene		96.1 %	70-130		08/19/24	08/19/24	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130		08/19/24	08/19/24	
Surrogate: Toluene-d8		104 %	70-130		08/19/24	08/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	mg/kg Analyst: IY				Batch: 2434010
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/19/24	08/19/24	
Surrogate: Bromofluorobenzene		96.1 %	70-130		08/19/24	08/19/24	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130		08/19/24	08/19/24	
Surrogate: Toluene-d8		104 %	70-130		08/19/24	08/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	NV		Batch: 2434003
Diesel Range Organics (C10-C28)	ND	25.0		1	08/19/24	08/19/24	
Dil Range Organics (C28-C36)	ND	50.0		1	08/19/24	08/19/24	
Surrogate: n-Nonane		93.7 %	50-200		08/19/24	08/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	JM		Batch: 2434006
Chloride	2070	40.0		2	08/19/24	08/19/24	



Sample Data

		imple D	uu					
Devon Energy - Carlsbad	Project Name:	East	Pecos Fee	deral 22-	3Н			
6488 7 Rivers Hwy	Project Numbe		58-0007				Reported:	
Artesia NM, 88210	Project Manage	er: Ash	ley Giover	ngo			8/26/2024 12:56:53PM	
	S	W20 - 0-9'						
]	E408155-03						
		Reporting						
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2434010	
Benzene	ND	0.0250		1	08/19/24	08/19/24		
Ethylbenzene	ND	0.0250		1	08/19/24	08/19/24		
Toluene	ND	0.0250		1	08/19/24	08/19/24		
-Xylene	ND	0.0250		1	08/19/24	08/19/24		
,m-Xylene	ND	0.0500		1	08/19/24	08/19/24		
Total Xylenes	ND	0.0250		1	08/19/24	08/19/24		
Surrogate: Bromofluorobenzene		95.4 %	70-130		08/19/24	08/19/24		
urrogate: 1,2-Dichloroethane-d4		94.5 %	70-130		08/19/24	08/19/24		
urrogate: Toluene-d8		103 %	70-130		08/19/24	08/19/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	mg/kg Analyst: IY				Batch: 2434010	
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/19/24	08/19/24		
Surrogate: Bromofluorobenzene		95.4 %	70-130		08/19/24	08/19/24		
urrogate: 1,2-Dichloroethane-d4		94.5 %	70-130		08/19/24	08/19/24		
urrogate: Toluene-d8		103 %	70-130		08/19/24	08/19/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	NV		Batch: 2434003	
Diesel Range Organics (C10-C28)	ND	25.0		1	08/19/24	08/19/24		
Dil Range Organics (C28-C36)	ND	50.0		1	08/19/24	08/19/24		
Surrogate: n-Nonane		98.3 %	50-200		08/19/24	08/19/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	JM		Batch: 2434006	
Chloride	4600	100		5	08/19/24	08/19/24		



QC Summary Data

Devon Energy - Carlsbad		Project Name:	st Pecos Feder				Reported:			
6488 7 Rivers Hwy	6488 7 Rivers Hwy			Project Number: 01058-0007						
Artesia NM, 88210		Project Manager:	As	hley Giovengo	0			8/2	8/26/2024 12:56:53PM	
		Volatile Organic	Analyst: IY							
Analyte		Reporting	Spike	Source		Rec		RPD		
	Result	Limit	Level	Result	Rec	Limits	RPD	Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2434010-BLK1)							Prepared: 0	8/19/24 Ana	lyzed: 08/19/24	
Benzene	ND	0.0250							-	
Ethylbenzene	ND	0.0250								
Foluene	ND	0.0250								
p-Xylene	ND	0.0250								
o,m-Xylene	ND	0.0500								
Fotal Xylenes	ND	0.0250								
Surrogate: Bromofluorobenzene	0.485		0.500		97.0	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.499		0.500		99.8	70-130				
Surrogate: Toluene-d8	0.499		0.500		104	70-130				
-							Duran and O	9/10/ 2 4 Ame	1 1. 09/10/24	
LCS (2434010-BS1)							Prepared: 0	8/19/24 Ana	lyzed: 08/19/24	
Benzene	2.17	0.0250	2.50		86.7	70-130				
Ethylbenzene	2.26	0.0250	2.50		90.4	70-130				
Toluene	2.28	0.0250	2.50		91.1	70-130				
o-Xylene	2.12	0.0250	2.50		85.0	70-130				
o,m-Xylene	4.23	0.0500	5.00		84.7	70-130				
Total Xylenes	6.36	0.0250	7.50		84.8	70-130				
Surrogate: Bromofluorobenzene	0.474		0.500		94.7	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.496		0.500		99.2	70-130				
Surrogate: Toluene-d8	0.524		0.500		105	70-130				
Matrix Spike (2434010-MS1)				Source: l			Prepared: 0	8/19/24 Ana	lyzed: 08/19/24	
Benzene	2.21	0.0250	2.50	ND	88.2	48-131				
Ethylbenzene	2.26	0.0250	2.50	ND	90.3	45-135				
Toluene	2.27	0.0250	2.50	ND	90.9	48-130				
o-Xylene	2.14	0.0250	2.50	ND	85.5	43-135				
o,m-Xylene	4.26	0.0500	5.00	ND	85.1	43-135				
Fotal Xylenes	6.39	0.0250	7.50	ND	85.3	43-135				
Surrogate: Bromofluorobenzene	0.474		0.500		94.8	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		100	70-130				
Surrogate: Toluene-d8	0.513		0.500		103	70-130				
Matrix Spike Dup (2434010-MSD1)				Source: l	E408155-	02	Prepared: 0	8/19/24 Ana	lyzed: 08/19/24	
	2.27	0.0250	2.50	ND	90.8	48-131	2.95	23		
Benzene		0.0250	2.50	ND	93.8	45-135	3.80	27		
Benzene Ethylbenzene	2.34	0.0230			05.0	48-130	4.48	24		
	2.34 2.38	0.0250	2.50	ND	95.0	46-150	7.70	24		
Ethylbenzene			2.50 2.50	ND ND	95.0 91.3	43-135	6.54	24		
Ethylbenzene Foluene >-Xylene	2.38	0.0250								
Ethylbenzene Foluene	2.38 2.28	0.0250 0.0250	2.50	ND	91.3	43-135	6.54	27		
Ethylbenzene Foluene D-Xylene D,m-Xylene	2.38 2.28 4.58	0.0250 0.0250 0.0500	2.50 5.00	ND ND	91.3 91.6	43-135 43-135	6.54 7.29	27 27		
Ethylbenzene Foluene >-Xylene o,m-Xylene Fotal Xylenes	2.38 2.28 4.58 6.86	0.0250 0.0250 0.0500	2.50 5.00 7.50	ND ND	91.3 91.6 91.5	43-135 43-135 43-135	6.54 7.29	27 27		



QC Summary Data

		L = 10		ary Date					
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:		East Pecos Fede 01058-0007 Ashley Gioveng					Reported: 8/26/2024 12:56:53PM
	No	onhalogenated O	rganic	s by EPA 80	15D - GF	RO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2434010-BLK1)							Prepared: 0	8/19/24 <i>A</i>	Analyzed: 08/19/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.485		0.500		97.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.499		0.500		99.8	70-130			
Surrogate: Toluene-d8	0.522		0.500		104	70-130			
LCS (2434010-BS2)							Prepared: 0	8/19/24 <i>A</i>	Analyzed: 08/19/24
Gasoline Range Organics (C6-C10)	46.0	20.0	50.0		91.9	70-130			
Surrogate: Bromofluorobenzene	0.488		0.500		97.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.7	70-130			
Surrogate: Toluene-d8	0.528		0.500		106	70-130			
Matrix Spike (2434010-MS2)				Source:	E408155-0)2	Prepared: 0	8/19/24 <i>A</i>	Analyzed: 08/19/24
Gasoline Range Organics (C6-C10)	48.1	20.0	50.0	ND	96.2	70-130			
Surrogate: Bromofluorobenzene	0.499		0.500		99.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.510		0.500		102	70-130			
Surrogate: Toluene-d8	0.533		0.500		107	70-130			
Matrix Spike Dup (2434010-MSD2)				Source:	E408155-0)2	Prepared: 0	8/19/24 <i>A</i>	Analyzed: 08/19/24
Gasoline Range Organics (C6-C10)	48.2	20.0	50.0	ND	96.4	70-130	0.180	20	
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.476		0.500		95.2	70-130			
Surrogate: Toluene-d8	0.528		0.500		106	70-130			



QC Summary Data

		$\mathbf{v} \mathbf{v} \mathbf{v}$		ary Data	•				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	0	East Pecos Fede 1058-0007 Ashley Gioveng					Reported: 8/26/2024 12:56:53PM
	Nonha	alogenated Org				/ORO			Analyst: KH
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2434003-BLK1)							Prepared: 0	8/19/24 <i>A</i>	Analyzed: 08/19/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.3		50.0		107	50-200			
LCS (2434003-BS1)							Prepared: 0	8/19/24 A	Analyzed: 08/19/24
Diesel Range Organics (C10-C28)	195	25.0	250		78.1	38-132			
Surrogate: n-Nonane	48.4		50.0		96.8	50-200			
Matrix Spike (2434003-MS1)				Source: E408151-01 Prep				8/19/24 <i>A</i>	Analyzed: 08/19/24
Diesel Range Organics (C10-C28)	187	25.0	250	ND	74.7	38-132			
Surrogate: n-Nonane	46.5		50.0		93.0	50-200			
Matrix Spike Dup (2434003-MSD1)				Source:	E408151-0	01	Prepared: 0	8/19/24 A	Analyzed: 08/19/24
Diesel Range Organics (C10-C28)	194	25.0	250	ND	77.7	38-132	4.01	20	
Surrogate: n-Nonane	50.7		50.0		101	50-200			



QC Summary Data

		L L		•					
Devon Energy - Carlsbad		Project Name:		East Pecos Fede	eral 22-3H				Reported:
6488 7 Rivers Hwy		Project Number:		01058-0007					•
Artesia NM, 88210		Project Manager		Ashley Gioveng	go				8/26/2024 12:56:53PM
		Anions	by EPA	300.0/90564	4				Analyst: JM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2434006-BLK1)							Prepared: 0	8/19/24 A	Analyzed: 08/19/24
Chloride	ND	20.0							
LCS (2434006-BS1)							Prepared: 0	8/19/24 A	Analyzed: 08/19/24
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2434006-MS1)				Source:	E408154-0)4	Prepared: 0	8/19/24 A	Analyzed: 08/19/24
Chloride	255	20.0	250	ND	102	80-120			
Matrix Spike Dup (2434006-MSD1)				Source:	E408154-0)4	Prepared: 0	8/19/24 A	Analyzed: 08/19/24
Chloride	254	20.0	250	ND	102	80-120	0.587	20	

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Devon Energy - O	arlsbad	Project Name:	East Pecos Federal 22-3H	
6488 7 Rivers Hy	У	Project Number:	01058-0007	Reported:
Artesia NM, 882	0	Project Manager:	Ashley Giovengo	08/26/24 12:56

- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.





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oject:				Address: 5315 Buena	Vista Dr	Lab WO# Job Numb E 408155 01058-					an	77-	ID 4	2D 3D	X	NM CO UT TX		
oject Manager: A	shlev Giov	engo	-	City, State, Zip: Carlsb				E 400100 DIO					338-000 11 1				1^	
dress: 3122 Natio				Phone: (575)689-7597			-				Ana	lysis	and	Meth	od	d EPA Program		
ty, State, Zip: Car				Email: jim.raley@dvn.								,					1	SDWA CWA RCRA
one: 575-988-00				Miscellaneous: Jim Rale														
nail: agiovengo@	ensolum.c	om						15	15									Compliance Y or N
	N-1080							y 80	by 8015	51	0	0.0	5	¥	tals			PWSID #
			Sample In	formation				ROF	ROF	y 80.	826	le 30	N.	- 500	8 Metals			
Time Date Sampled	l Matrix	No. of Containers		Sample ID	Field	Filter	Lab Number	DRO/ORO by 8015	GRO/DRO	ВТЕХ by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8			Remarks
8/15/2024	S	1		SW - 0-9'			١						x					Page of State NM CO UT TX X EPA Program SDWA CWA RCRA Compliance Y or N PWSID # Remarks
8/15/2024	S	1		SW19 0-9'			2						x					
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dditional Instructi		ase CC: cb	urton@ensolur	n.com, agiovengo@ensolum	.com, jim.raley	y@	dvn.com,	, iest	rella	@enso	olun	n.con	n, bd	leal@	enso	lum, ch	amilt	con@ensolum.com,
simmons@ensolu	m.com	dauthonticit	of this cample. Lam	aware that tampering with or intention	ally miclobaling the	60 m	pla location	data a	r time	of collo	stion	is cons	idered	fraud	nd ma	he grou	nds for l	logal action
mpled by:Cole Burton		authenticity	or this sample. Tam	aware that tampering with or intention	ally mislabeling the	sam	pie location,	uate c	or time	of colle	ction	is cons	luereu	i ilauu a	inu ina	y ne grou	nus for i	legal action.
		Date	í Time	Received by (Signature	h de	ate		Time	17	1-			Sample	es requiri	ng thern	nal preserv	ation mu	ist be received on ice the day they are
linquished by: (Signat	A	Z	16/2111:3	ST COMILE		Y	10:20	11	51	5			sample	d or rece	ived pag	ked in ice	at an avg	temp above 0 but less than 6 °C on
linguished by: Signat	ure)	Date	1/ Time/	Repetved by: (Signature) , Da	ate	The	time	1	-			rubrea	uent day		1	ab Us	se Only
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						ant	nin or Tune							Tem		1		
mple Matrix: S - Soil, Sd				 ss other arrangements are made. H			ainer Type						ag - a	amber	giass	be rone	rt for +1	he analysis of the above complex is
				s COC. The liability of the laborator							seu c	n at th	ie clie	int exp	ense. I	ne repo	it for th	rotec
, , , , , , , , , , , , , , , , , , , ,		and by the	,	, or the laborator	,		in paid to	- en u		514	-	-						
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Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

	Devon Energy - Carlsbad Da	ate Received:	08/19/24 08:3)	Work Order ID: E408155
Phone:	(505) 382-1211 Da	ate Logged In:	08/16/24 16:19)	Logged In By: Noe Soto
Email:	ashley.giovengo@wescominc.com De	le Date:	08/23/24 17:0	0 (4 day TAT)	
Chain o	of Custody (COC)				
1. Does	the sample ID match the COC?		Yes		
2. Does	the number of samples per sampling site location match	the COC	Yes		
3. Were	samples dropped off by client or carrier?		Yes	Carrier: C	Courier
4. Was t	he COC complete, i.e., signatures, dates/times, requested	l analyses?	No		
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes		Comments/Resolution
Sample	<u>Turn Around Time (TAT)</u>				
6. Did tł	he COC indicate standard TAT, or Expedited TAT?		Yes		Project name is missing on COC by client.
Sample	Cooler				Per A. Giovengo project name is East
7. Was a	a sample cooler received?		Yes		Pecos Federal 22-3H.
8. If yes	, was cooler received in good condition?		Yes		
9. Was t	he sample(s) received intact, i.e., not broken?		Yes		
10. Were	e custody/security seals present?		No		
11. If ye	es, were custody/security seals intact?		NA		
12. Was t	the sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are re- minutes of sampling		Yes		
13. If no	visible ice, record the temperature. Actual sample ter	nperature: 4°	С		
	Container				
	aqueous VOC samples present?		No		
	VOC samples collected in VOA Vials?		NA		
16. Is th	e head space less than 6-8 mm (pea sized or less)?		NA		
17. Was	a trip blank (TB) included for VOC analyses?		NA		
18. Are	non-VOC samples collected in the correct containers?		Yes		
19. Is the	e appropriate volume/weight or number of sample containers	collected?	Yes		
Field La	abel				
	e field sample labels filled out with the minimum inform	ation:			
	Sample ID?		Yes		
	Date/Time Collected?		Yes		
I	Collectors name?				
]	Collectors name? Preservation		No		
] Sample	Preservation	rved?			
Sample 21. Does	<u>Preservation</u> s the COC or field labels indicate the samples were prese	rved?	No NA		
5 <u>Sample</u> 21. Does 22. Are	Preservation		No		
5 <u>Sample</u> 21. Does 22. Are 24. Is lai	<u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta		No NA		
<u>Sample</u> 21. Does 22. Are 24. Is lat <u>Multiph</u>	<u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta <u>nase Sample Matrix</u>	ıls?	No NA No		
Sample 21. Does 22. Are 24. Is lai <u>Multiph</u> 26. Does	<u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta	ıls?	No NA No		
Sample 21. Doe: 22. Are 24. Is lai <u>Multiph</u> 26. Doe: 27. If ye	Preservation s the COC or field labels indicate the samples were preserved? b filteration required and/or requested for dissolved meta hase Sample Matrix s the sample have more than one phase, i.e., multiphase? es, does the COC specify which phase(s) is to be analyzed	ıls?	No NA No		
Sample 21. Doe: 22. Are 24. Is lai <u>Multiph</u> 26. Doe: 27. If ye <u>Subcont</u>	Preservation s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta <u>hase Sample Matrix</u> s the sample have more than one phase, i.e., multiphase?	ıls? d?	No NA No		

Signature of client authorizing changes to the COC or sample disposition.



envirotech Inc.

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	3122 Nation	Can be well and the	The second s			ne: (575)689-7597	in correction	-	-	ALC: N		Anal	ysis an	d Met	hod	- 22		EPA Program	
y, State	e, Zip: Carlsb	ad NM, 8	38220		Em	ail: jim.raley@dvn.com												the second se	RCRA
	75-988-0055	the loss of the second s		-		ellaneous: Jim Raley													
nail: ag	iovengo@er	isolum.co	om						8015	8015				-					or N
-	and the second		and the function	Comm	la Informatio		- Section Section	1000	by 8		8021	60	NM	¥-	etals			PWSID #	
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mpled	Date Sampled	Matrix	No. of Containers			Sample ID	Field	Lab Numbe	DRO/ORO by	GRO/DRO by	BTEX by	VOC by 8260	Chloride 300.0 BGDOC - NM	ICEQ	RCRA 8 Metals			incinarios	i la
3:33	8/15/2024	S	1			SW - 0-9'	1.2		10 10 10				X					Added Proj	ect
		3	1		1 million			1	1				^			-		name to co	20
3:32	8/15/2024	S	1		9	SW19-0-9'		2				-	X					per A. Giove	ngo.
3:37	8/15/2024					SW20-0-9'		a	-			-		-	-			NS 8/19/24	
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	ns@ensolum					and the second second second			1										
	coler), attest to the Cole Burton	e validity and	d authenticity	of this sample	e. I am aware that	tampering with or intentionally m	hislabeling the sar	nple locati	on, date	or time	of colle	ection	is conside	red frau	d and n	hay be g	rounds for	r legal action.	
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Ja	CARD	A	Z	16/24	1:37	Mille	14	1-10:	241	51	14)	san	pled or r	eceived (packed in	ice at an av	g temp above 0 but less than 6 °	Con
inquish	ed by: Signatur	e)	Dite	21/20	Time (1 /)	Repetved by: (Signature)	and the second sec	The	1 fm	Pr	-					2.4	Labl	Jse Only	
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						rrangements are made. Hazard						osed o	of at the	client e	kpense	. The re	eport for	the analysis of the above	samples is
plicable	only to those s	amples rece	eived by the	laboratory w	vith this COC. Th	e liability of the laboratory is li	mited to the am	nount paid	for on	the rep	port.		Spens		ten inte				- mail

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5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





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Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: East F

East Pecos Federal 22-3H

Work Order: E408170

Job Number: 01058-0007

Received: 8/20/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 8/26/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 8/26/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: East Pecos Federal 22-3H Workorder: E408170 Date Received: 8/20/2024 5:00:00AM

Ashley Giovengo,



Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/20/2024 5:00:00AM, under the Project Name: East Pecos Federal 22-3H.

The analytical test results summarized in this report with the Project Name: East Pecos Federal 22-3H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com

Michelle Gonzales Client Representative Office: 505-421-LABS(5227) Cell: 505-947-8222 mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

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		sumple sum	iiiai y		
Devon Energy - Carlsbad		Project Name:	East Pecos Federal	22-3Н	Reported:
6488 7 Rivers Hwy		Project Number:	01058-0007		Reporteu.
Artesia NM, 88210		Project Manager:	Ashley Giovengo		08/26/24 13:04
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS15 - 9'	E408170-01A	Solid	08/16/24	08/20/24	Glass Jar, 4 oz.
FS17 - 9'	E408170-02A	Solid	08/16/24	08/20/24	Glass Jar, 4 oz.
FS18 - 9'	E408170-03A	Solid	08/16/24	08/20/24	Glass Jar, 4 oz.
FS19 - 9'	E408170-04A	Solid	08/16/24	08/20/24	Glass Jar, 4 oz.
SW17 - 0-9'	E408170-05A	Soil	08/16/24	08/20/24	Glass Jar, 2 oz.



	S	ample D	ata			
Devon Energy - Carlsbad	Project Name	e: East	Pecos Federal 2	2-3H		
6488 7 Rivers Hwy	Project Numb	ber: 0105	58-0007			Reported:
Artesia NM, 88210	Project Mana	ger: Ash	ley Giovengo		8/26/2024 1:04:41PM	
		FS15 - 9'				
		E408170-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: CG		Batch: 2434036
Benzene	ND	0.0250	1	08/20/24	08/21/24	
Ethylbenzene	ND	0.0250	1	08/20/24	08/21/24	
Toluene	ND	0.0250	1	08/20/24	08/21/24	
o-Xylene	ND	0.0250	1	08/20/24	08/21/24	
p,m-Xylene	ND	0.0500	1	08/20/24	08/21/24	
Total Xylenes	ND	0.0250	1	08/20/24	08/21/24	
Surrogate: 4-Bromochlorobenzene-PID		87.4 %	70-130	08/20/24	08/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: CG		Batch: 2434036
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/24	08/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.4 %	70-130	08/20/24	08/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: NV		Batch: 2434026
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/24	08/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/24	08/22/24	
Surrogate: n-Nonane		98.9 %	50-200	08/20/24	08/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: JM		Batch: 2434019
Chloride	86.3	20.0	1	08/20/24	08/20/24	

Sample Data

	ĸ	sample D	ala			
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Nam Project Num Project Mana	ber: 010	Pecos Federal 22 58-0007 ley Giovengo	Reported: 8/26/2024 1:04:41PM		
		FS17 - 9'				
		E408170-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: CG		Batch: 2434036
Benzene	ND	0.0250	1	08/20/24	08/21/24	
Ethylbenzene	ND	0.0250	1	08/20/24	08/21/24	
Toluene	ND	0.0250	1	08/20/24	08/21/24	
p-Xylene	ND	0.0250	1	08/20/24	08/21/24	
o,m-Xylene	ND	0.0500	1	08/20/24	08/21/24	
Fotal Xylenes	ND	0.0250	1	08/20/24	08/21/24	
Surrogate: 4-Bromochlorobenzene-PID		87.4 %	70-130	08/20/24	08/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: CG		Batch: 2434036
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/24	08/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.7 %	70-130	08/20/24	08/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: NV		Batch: 2434026
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/24	08/22/24	
Dil Range Organics (C28-C36)	ND	50.0	1	08/20/24	08/22/24	
Surrogate: n-Nonane		107 %	50-200	08/20/24	08/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	it: JM		Batch: 2434019
Chloride	ND	20.0	1	08/20/24	08/20/24	



Sample Data

	0	ample D	ala			
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Numl Project Mana	ber: 010	t Pecos Federal 22 58-0007 ley Giovengo	2-3H		Reported: 8/26/2024 1:04:41PM
		FS18 - 9'				
		E408170-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: CG		Batch: 2434036
Benzene	ND	0.0250	1	08/20/24	08/21/24	
Ethylbenzene	ND	0.0250	1	08/20/24	08/21/24	
Toluene	ND	0.0250	1	08/20/24	08/21/24	
p-Xylene	ND	0.0250	1	08/20/24	08/21/24	
p,m-Xylene	ND	0.0500	1	08/20/24	08/21/24	
Total Xylenes	ND	0.0250	1	08/20/24	08/21/24	
Surrogate: 4-Bromochlorobenzene-PID		88.5 %	70-130	08/20/24	08/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: CG		Batch: 2434036
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/24	08/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.5 %	70-130	08/20/24	08/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: NV		Batch: 2434026
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/24	08/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/24	08/22/24	
Surrogate: n-Nonane		109 %	50-200	08/20/24	08/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	it: JM		Batch: 2434019
Chloride	59.5	20.0	1	08/20/24	08/20/24	



Sample Data

	G	sample D	ala			
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Num Project Mana	ber: 010	Pecos Federal 22 58-0007 ley Giovengo	-3H		Reported: 8/26/2024 1:04:41PM
		FS19 - 9'				
		E408170-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: CG		Batch: 2434036
Benzene	ND	0.0250	1	08/20/24	08/21/24	
Ethylbenzene	ND	0.0250	1	08/20/24	08/21/24	
Toluene	ND	0.0250	1	08/20/24	08/21/24	
p-Xylene	ND	0.0250	1	08/20/24	08/21/24	
p,m-Xylene	ND	0.0500	1	08/20/24	08/21/24	
Total Xylenes	ND	0.0250	1	08/20/24	08/21/24	
Surrogate: 4-Bromochlorobenzene-PID		89.0 %	70-130	08/20/24	08/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: CG		Batch: 2434036
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/24	08/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.7 %	70-130	08/20/24	08/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: NV		Batch: 2434026
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/24	08/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/24	08/22/24	
Surrogate: n-Nonane		103 %	50-200	08/20/24	08/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: JM		Batch: 2434019
Chloride	77.1	20.0	1	08/20/24	08/20/24	



Sample Data

	5	ample D	ala			
Devon Energy - Carlsbad	Project Name:	: East	Pecos Federal 22	2-3Н		
6488 7 Rivers Hwy	Project Numb	er: 0103	58-0007		Reported:	
Artesia NM, 88210	Project Manag	ger: Ash	ley Giovengo	8/26/2024 1:04:41PM		
		SW17 - 0-9'				
		E408170-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: CG		Batch: 2434036
Benzene	ND	0.0250	1	08/20/24	08/21/24	
Ethylbenzene	ND	0.0250	1	08/20/24	08/21/24	
Foluene	ND	0.0250	1	08/20/24	08/21/24	
o-Xylene	ND	0.0250	1	08/20/24	08/21/24	
o,m-Xylene	ND	0.0500	1	08/20/24	08/21/24	
Fotal Xylenes	ND	0.0250	1	08/20/24	08/21/24	
Surrogate: 4-Bromochlorobenzene-PID		89.5 %	70-130	08/20/24	08/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: CG		Batch: 2434036
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/24	08/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.8 %	70-130	08/20/24	08/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2434026
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/24	08/22/24	
Dil Range Organics (C28-C36)	ND	50.0	1	08/20/24	08/22/24	
Surrogate: n-Nonane		120 %	50-200	08/20/24	08/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: JM		Batch: 2434019
Chloride	2310	40.0	2	08/20/24	08/20/24	



QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		ast Pecos Fede 1058-0007	eral 22-3H				Reported:
Artesia NM, 88210		Project Manager:	А	shley Gioveng	go				8/26/2024 1:04:41PM
		Volatile O	rganics l				Analyst: CG		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2434036-BLK1)							Prepared: 0	8/20/24 <i>A</i>	Analyzed: 08/21/24
Benzene	ND	0.0250							-
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.99		8.00		87.4	70-130			
LCS (2434036-BS1)							Prepared: 0	8/20/24 A	Analyzed: 08/21/24
Benzene	4.97	0.0250	5.00		99.5	70-130			
Ethylbenzene	4.75	0.0250	5.00		95.1	70-130			
Toluene	4.88	0.0250	5.00		97.5	70-130			
p-Xylene	4.73	0.0250	5.00		94.6	70-130			
p,m-Xylene	9.63	0.0500	10.0		96.3	70-130			
Total Xylenes	14.4	0.0250	15.0		95.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.96		8.00		87.1	70-130			
Matrix Spike (2434036-MS1)				Source:	E408165-0	3	Prepared: 0	8/20/24 A	Analyzed: 08/21/24
Benzene	5.08	0.0250	5.00	ND	102	54-133			
Ethylbenzene	4.85	0.0250	5.00	ND	97.1	61-133			
Toluene	4.98	0.0250	5.00	ND	99.6	61-130			
o-Xylene	4.82	0.0250	5.00	ND	96.4	63-131			
p,m-Xylene	9.79	0.0500	10.0	ND	97.9	63-131			
Total Xylenes	14.6	0.0250	15.0	ND	97.4	63-131			
Surrogate: 4-Bromochlorobenzene-PID	6.97		8.00		87.1	70-130			
Matrix Spike Dup (2434036-MSD1)				Source:	E408165-0	3	Prepared: 0	8/20/24 <i>A</i>	Analyzed: 08/21/24
Benzene	4.90	0.0250	5.00	ND	98.0	54-133	3.61	20	
Ethylbenzene	4.70	0.0250	5.00	ND	94.1	61-133	3.12	20	
Toluene	4.81	0.0250	5.00	ND	96.2	61-130	3.52	20	
p-Xylene	4.68	0.0250	5.00	ND	93.5	63-131	3.01	20	
p,m-Xylene	9.52	0.0500	10.0	ND	95.2	63-131	2.72	20	
Total Xylenes	14.2	0.0250	15.0	ND	94.7	63-131	2.81	20	



QC Summary Data

		QU D	u 111 111	ary Dau	•				
Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:	-	East Pecos Fede 01058-0007	ral 22-3H				Reported:
Artesia NM, 88210		Project Manager:	1	Ashley Gioveng	0				8/26/2024 1:04:41PM
	Noi	nhalogenated C	Organics	s by EPA 801	[5D - G]	RO			Analyst: CG
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2434036-BLK1)							Prepared: 0	8/20/24 A	nalyzed: 08/21/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.77		8.00		97.2	70-130			
LCS (2434036-BS2)							Prepared: 0	8/20/24 A	nalyzed: 08/21/24
Gasoline Range Organics (C6-C10)	41.4	20.0	50.0		82.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.82		8.00		97.8	70-130			
Matrix Spike (2434036-MS2)				Source:	E408165-	03	Prepared: 0	8/20/24 A	nalyzed: 08/21/24
Gasoline Range Organics (C6-C10)	40.0	20.0	50.0	ND	80.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.78		8.00		97.2	70-130			
Matrix Spike Dup (2434036-MSD2)				Source:	E408165-	03	Prepared: 0	8/20/24 A	nalyzed: 08/21/24
Gasoline Range Organics (C6-C10)	43.3	20.0	50.0	ND	86.5	70-130	7.74	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.80		8.00		97.5	70-130			



QC Summary Data

		QU D	u 11111	ary Data	4				
Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:	0	East Pecos Fede					Reported:
Artesia NM, 88210		Project Manager:	A	Ashley Gioveng	0				8/26/2024 1:04:41PM
	Nonha	alogenated Org	anics by	EPA 8015E) - DRO	/ORO			Analyst: KH
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2434026-BLK1)							Prepared: 0	8/20/24 A	analyzed: 08/21/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.7		50.0		107	50-200			
LCS (2434026-BS1)							Prepared: 0	8/20/24 A	analyzed: 08/21/24
Diesel Range Organics (C10-C28)	196	25.0	250		78.4	38-132			
Surrogate: n-Nonane	51.9		50.0		104	50-200			
Matrix Spike (2434026-MS1)				Source:	E408164-()1	Prepared: 0	8/20/24 A	analyzed: 08/21/24
Diesel Range Organics (C10-C28)	203	25.0	250	ND	81.1	38-132			
Surrogate: n-Nonane	55.2		50.0		110	50-200			
Matrix Spike Dup (2434026-MSD1)				Source:	E408164-()1	Prepared: 0	8/20/24 A	analyzed: 08/21/24
Diesel Range Organics (C10-C28)	202	25.0	250	ND	80.7	38-132	0.563	20	
Surrogate: n-Nonane	54.2		50.0		108	50-200			



QC Summary Data

		L L		J					
Devon Energy - Carlsbad		Project Name:]	East Pecos Fede	eral 22-3H				Reported:
6488 7 Rivers Hwy		Project Number:	(01058-0007					
Artesia NM, 88210		Project Manager	: .	Ashley Gioveng	go				8/26/2024 1:04:41PM
		Anions	by EPA	300.0/90564	4				Analyst: JM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2434019-BLK1)							Prepared: 0	8/19/24 <i>A</i>	Analyzed: 08/20/24
Chloride	ND	20.0							
LCS (2434019-BS1)							Prepared: 0	8/19/24 A	Analyzed: 08/20/24
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2434019-MS1)				Source:	E408159-	03	Prepared: 0	8/19/24 A	Analyzed: 08/20/24
Chloride	4250	40.0	250	3320	371	80-120			M4
Matrix Spike Dup (2434019-MSD1)				Source:	E408159-	03	Prepared: 0	8/19/24 A	Analyzed: 08/20/24
Chloride	3580	40.0	250	3320	103	80-120	17.1	20	

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Devon Energy - Carlsbad	Project Name:	East Pecos Federal 22-3H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/26/24 13:04

M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



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	East Pecos Fe					Address: 5315 Buena Vist			_ E40	081	10	>	2010	5B-1	000				х	x	
	lanager: Ash					City, State, Zip: Carlsbad N	M, 88220		-											the state of the	
	3122 Nation				<u>PI</u>	hone: (575)689-7597		_	_				Ana	lysis	and	Meth	od			EPA Prog	
	e, Zip: Carls		88220		E	mail: jim.raley@dvn.com	1		_											SDWA CWA	RCRA
	75-988-005				Mi	scellaneous: Jim Raley															
mail: a	giovengo@ei	nsolum.co	om							by 8015	8015										Y or N
				Sam	ple Informat	ion	-			by 8	by 8	021	60	Chloride 300.0	M	×L-	RCRA 8 Metals			PWSID #	
Time			No. of	J	ple mornat		ho	H	Lab	DRO/ORO	GRO/DRO by	BTEX by 8021	VOC by 8260	ide	BGDOC - NM	TCEQ 1005 - TX	8 M			Remar	ks
Sampled	Date Sampled	Matrix	Containers			Sample ID	Field	Filter	Number	DRO/	SRO/	BTEX	100	Chlor	ggbc	CEQ	RCRA			nema	NO
13:10	8/16/2024					FS15 - 9'		-	turno er		-		-	-		-	4	-			
		Sd	1			1010 0			1						x						
12:53	8/16/2024	Sd	1			FS17 - 9'	30.0		0												
		Su	1	-					2						x				-		
12:57	8/16/2024	Sd	1			FS18 - 9'			3						x						
		54	-						2						^			_			
13:06	8/16/2024	Sd	1			FS19 - 9'			4						x						
10.00	0/10/2024							-	1						~	_		-		0	
10:56	8/16/2024	S	1			SW17 - 0-9'			5						x						
	-							-	2			_	_	-		-	-	-			
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Con	1700.	T	81	19/24	7:317	Received by: (Signature)	sales 8	-19	1.24	15	731	0						ked in ice at	t an avg t	emp above 0 but less that	in 6 °C on
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	ix: S - Soil, Sd - So								ner Type												
						arrangements are made. Hazar he liability of the laboratory is li							sed o	T at th	e clier	nt expe	ense. T	ne report	t for th	e analysis of the ab	ove samples
Phileanie (any to those sa	inples recei	weu by tile	aboratory	with this COC. II	ie nability of the laboratory is li	inited to the an	nour	ni palu ior	onth	le repo	Jit.			-						

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Client:	Devon Energy - Carlsbad	Date Received:	08/20/24	05:00	Work Order ID:	E408170
Phone:	(505) 382-1211	Date Logged In:	08/19/24	17:29	Logged In By:	Noe Soto
Email:		Due Date:		17:00 (4 day TAT)		
Chain o	<u>f Custody (COC)</u>					
1. Does	the sample ID match the COC?		Yes			
2. Does	the number of samples per sampling site location match	the COC	Yes			
8. Were	samples dropped off by client or carrier?		Yes	Carrier: Courier		
4. Was t	he COC complete, i.e., signatures, dates/times, requeste	d analyses?	Yes			
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in th i.e, 15 minute hold time, are not included in this disucssion.		Yes		Commen	ts/Resolution
Sample	<u>Turn Around Time (TAT)</u>					
5. Did tł	ne COC indicate standard TAT, or Expedited TAT?		Yes			
<u>Sample</u>	<u>Cooler</u>					
7. Was a	a sample cooler received?		Yes			
3. If yes	, was cooler received in good condition?		Yes			
9. Was t	he sample(s) received intact, i.e., not broken?		Yes			
10. Were	e custody/security seals present?		No			
11. If ye	s, were custody/security seals intact?		NA			
l 2. Was i	the sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are r		Yes			
12 Ifno	minutes of sampling visible ice, record the temperature. Actual sample te	magnatura: 1º	C			
			<u> </u>			
	Container aqueous VOC samples present?		No			
	VOC samples collected in VOA Vials?		No NA			
	e head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?		NA			
	non-VOC samples collected in the correct containers?		Yes			
	e appropriate volume/weight or number of sample container	's collected?	Yes			
Field La			100			
	e field sample labels filled out with the minimum inform	nation:				
	Sample ID?		Yes			
]	Date/Time Collected?		Yes			
	Collectors name?		No			
	<u>Preservation</u>	10				
	s the COC or field labels indicate the samples were pres	served?	No			
	sample(s) correctly preserved?	tala?	NA N-			
	b filteration required and/or requested for dissolved met	iais (No			
	nase Sample Matrix					
26. Does	s the sample have more than one phase, i.e., multiphase		No			
	s, does the COC specify which phase(s) is to be analyze	ed?	NA			
-						
Subcont	tract Laboratory_					
Subcont 28. Are	tract Laboratory_ samples required to get sent to a subcontract laboratory a subcontract laboratory specified by the client and if s		No NA			

Signature of client authorizing changes to the COC or sample disposition.



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5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

WPX Energy - Carlsbad

Project Name: East Pecos

East Pecos Federal 22-3H

Work Order: E408177

Job Number: 01058-0007

Received: 8/21/2024

Revision: 3

Report Reviewed By:

Walter Hinchman Laboratory Director 8/27/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 8/27/24

Ashley Giovengo 5315 Buena Vista Dr Carlsbad, NM 88220

Project Name: East Pecos Federal 22-3H Workorder: E408177 Date Received: 8/21/2024 5:00:00AM

Ashley Giovengo,



Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/21/2024 5:00:00AM, under the Project Name: East Pecos Federal 22-3H.

The analytical test results summarized in this report with the Project Name: East Pecos Federal 22-3H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com

Michelle Gonzales Client Representative Office: 505-421-LABS(5227) Cell: 505-947-8222 mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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eceived by OCD: 10/30/2024 7:27:18 AM			Page 2	16 of 419
	Sample Sum	mary		
WPX Energy - Carlsbad	Project Name:	East Pecos Federal 22-3H	Dan anta da	
5315 Buena Vista Dr	Project Number:	01058-0007	Reported:	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	08/27/24 09:56	

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
SS04B-0'	E408177-01A Soil	08/19/24	08/21/24	Glass Jar, 2 oz.
SS04C-0'	E408177-02A Soil	08/19/24	08/21/24	Glass Jar, 2 oz.


	5	ampic D	ala			
WPX Energy - Carlsbad	Project Name	:: East	Pecos Federal 22	-3H		
5315 Buena Vista Dr	Project Numb	ber: 0105	58-0007			Reported:
Carlsbad NM, 88220	Project Mana	ger: Ash	ley Giovengo	8/27/2024 9:56:41AN		
		SS04B-0'				
		E408177-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: RKS		Batch: 2434044
Benzene	ND	0.0250	1	08/21/24	08/23/24	
Ethylbenzene	ND	0.0250	1	08/21/24	08/23/24	
Toluene	ND	0.0250	1	08/21/24	08/23/24	
p-Xylene	ND	0.0250	1	08/21/24	08/23/24	
o,m-Xylene	ND	0.0500	1	08/21/24	08/23/24	
Total Xylenes	ND	0.0250	1	08/21/24	08/23/24	
Surrogate: 4-Bromochlorobenzene-PID		91.9 %	70-130	08/21/24	08/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2434044
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/21/24	08/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.2 %	70-130	08/21/24	08/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: NV		Batch: 2434048
Diesel Range Organics (C10-C28)	ND	25.0	1	08/21/24	08/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/21/24	08/22/24	
Surrogate: n-Nonane		86.1 %	50-200	08/21/24	08/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2434045
Chloride	793	200	10	08/21/24	08/21/24	



	D D	sample D	ala			
WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name Project Num Project Mana	ber: 010	t Pecos Federal 22 58-0007 ley Giovengo	-3H		Reported: 8/27/2024 9:56:41AM
		SS04C-0'				
		E408177-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: CG		Batch: 2434044
Benzene	ND	0.0250	1	08/21/24	08/22/24	
Ethylbenzene	ND	0.0250	1	08/21/24	08/22/24	
Toluene	ND	0.0250	1	08/21/24	08/22/24	
p-Xylene	ND	0.0250	1	08/21/24	08/22/24	
o,m-Xylene	ND	0.0500	1	08/21/24	08/22/24	
Fotal Xylenes	ND	0.0250	1	08/21/24	08/22/24	
Surrogate: 4-Bromochlorobenzene-PID		91.7 %	70-130	08/21/24	08/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: CG		Batch: 2434044
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/21/24	08/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130	08/21/24	08/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: NV		Batch: 2434048
Diesel Range Organics (C10-C28)	ND	25.0	1	08/21/24	08/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/21/24	08/22/24	
Surrogate: n-Nonane		82.7 %	50-200	08/21/24	08/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2434045
Chloride	ND	100	5	08/21/24	08/21/24	



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr		Project Name: Project Number:		ast Pecos Fede 058-0007	eral 22-3H				Reported:
		•							0/07/0004 0.54 41 414
Carlsbad NM, 88220		Project Manager:	A	shley Gioveng	go				8/27/2024 9:56:41AM
		Volatile O	rganics k	oy EPA 802	21B				Analyst: CG
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2434044-BLK1)							Prepared: 0	8/21/24 A	analyzed: 08/21/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Fotal Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.10		8.00		88.7	70-130			
LCS (2434044-BS1)							Prepared: 0	8/21/24 A	analyzed: 08/21/24
Benzene	4.64	0.0250	5.00		92.7	70-130			
Ethylbenzene	4.50	0.0250	5.00		90.0	70-130			
Toluene	4.58	0.0250	5.00		91.7	70-130			
p-Xylene	4.48	0.0250	5.00		89.5	70-130			
o,m-Xylene	9.15	0.0500	10.0		91.5	70-130			
Total Xylenes	13.6	0.0250	15.0		90.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.26		8.00		90.8	70-130			
Matrix Spike (2434044-MS1)				Source:	E408176-0	2	Prepared: 0	8/21/24 A	analyzed: 08/21/24
Benzene	4.71	0.0250	5.00	ND	94.3	54-133			
Ethylbenzene	4.56	0.0250	5.00	ND	91.1	61-133			
Toluene	4.65	0.0250	5.00	ND	92.9	61-130			
p-Xylene	4.54	0.0250	5.00	ND	90.8	63-131			
p,m-Xylene	9.27	0.0500	10.0	ND	92.7	63-131			
Fotal Xylenes	13.8	0.0250	15.0	ND	92.0	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.16		8.00		89.5	70-130			
Matrix Spike Dup (2434044-MSD1)				Source:	E408176-0	2	Prepared: 0	8/21/24 A	analyzed: 08/21/24
Benzene	4.95	0.0250	5.00	ND	99.0	54-133	4.92	20	
Ethylbenzene	4.78	0.0250	5.00	ND	95.6	61-133	4.83	20	
Toluene	4.88	0.0250	5.00	ND	97.6	61-130	4.92	20	
p-Xylene	4.75	0.0250	5.00	ND	95.0	63-131	4.57	20	
	0.72	0.0500	10.0	ND	97.2	63-131	4.81	20	
o,m-Xylene	9.72 14.5	0.0500	10.0	ND	91.2	63-131	7.01	20	



QC Summary Data

		QU D	u 111 111	ary Date	•				
WPX Energy - Carlsbad 5315 Buena Vista Dr		Project Name: Project Number:	-	East Pecos Fede)1058-0007	ral 22-3H				Reported:
Carlsbad NM, 88220		Project Manager:	1	Ashley Gioveng	0				8/27/2024 9:56:41AM
	Noi	nhalogenated C	Organics	s by EPA 801	[5D - G]	RO			Analyst: CG
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2434044-BLK1)							Prepared: 0	8/21/24 A	nalyzed: 08/21/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.67		8.00		95.8	70-130			
LCS (2434044-BS2)							Prepared: 0	8/21/24 A	nalyzed: 08/21/24
Gasoline Range Organics (C6-C10)	40.1	20.0	50.0		80.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.79		8.00		97.4	70-130			
Matrix Spike (2434044-MS2)				Source:	E408176-	02	Prepared: 0	8/21/24 A	nalyzed: 08/21/24
Gasoline Range Organics (C6-C10)	39.2	20.0	50.0	ND	78.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.76		8.00		97.0	70-130			
Matrix Spike Dup (2434044-MSD2)				Source:	E408176-	02	Prepared: 0	8/21/24 A	nalyzed: 08/21/24
Gasoline Range Organics (C6-C10)	38.8	20.0	50.0	ND	77.6	70-130	1.10	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.72		8.00		96.6	70-130			

QC Summary Data

		QC DI		aly Data					
WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220		Project Name: Project Number: Project Manager:		East Pecos Feder 01058-0007 Ashley Giovengo					Reported: 8/27/2024 9:56:41AM
	Nonha	logenated Orga	anics b	y EPA 8015D	- DRO	/ORO			Analyst: NV
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2434048-BLK1)							Prepared: 0	8/21/24 A	Analyzed: 08/22/24
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND ND	25.0 50.0							
Surrogate: n-Nonane	48.5		50.0		96.9	50-200			
LCS (2434048-BS1)							Prepared: 0	8/21/24 A	Analyzed: 08/22/24
Diesel Range Organics (C10-C28)	222	25.0	250		88.8	38-132			
Surrogate: n-Nonane	45.4		50.0		90.8	50-200			
Matrix Spike (2434048-MS1)				Source: I	408175-	21	Prepared: 0	8/21/24 A	Analyzed: 08/22/24
Diesel Range Organics (C10-C28)	1070	25.0	250	799	109	38-132			
Surrogate: n-Nonane	48.0		50.0		96.0	50-200			
Matrix Spike Dup (2434048-MSD1)				Source: I	408175-	21	Prepared: 0	8/21/24 A	Analyzed: 08/22/24
Diesel Range Organics (C10-C28)	1020	25.0	250	799	86.6	38-132	5.47	20	
Surrogate: n-Nonane	50.0		50.0		100	50-200			



QC Summary Data

WPX Energy - Carlsbad		Project Name:		East Pecos Fede	eral 22-3H				Reported:
5315 Buena Vista Dr		Project Number	:	01058-0007					
Carlsbad NM, 88220		Project Manager	r:	Ashley Gioveng	go				8/27/2024 9:56:41AM
		Anions	by EPA	300.0/90562	4				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2434045-BLK1)							Prepared: 0	8/21/24 <i>A</i>	Analyzed: 08/21/24
Chloride	ND	20.0							
LCS (2434045-BS1)							Prepared: 0	8/21/24 A	Analyzed: 08/21/24
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2434045-MS1)				Source:	E408176-0)1	Prepared: 0	8/21/24 A	Analyzed: 08/21/24
Chloride	384	200	250	ND	154	80-120			M5
Matrix Spike Dup (2434045-MSD1)				Source:	E408176-0)1	Prepared: 0	8/21/24 A	Analyzed: 08/21/24
Chloride	404	200	250	ND	161	80-120	4.86	20	M5

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



WPX Energy - Carlsbad	Project Name:	East Pecos Federal 22-3H	
5315 Buena Vista Dr	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	08/27/24 09:56

M5 The analysis of the MS sample required a dilution such that the spike recovery calculation does not provide useful information. The accociated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.





Released to Imaging: 11/1/2024 11:50:08 AM

					Chain	of Cu	stod	y V	NO	#	21	15	30	517	7					Page	e_l_of
	Clie	nt Inform	ation		Invoice Informatio	n				La	ab Us	se Or	ly				TA	Т		State	e
Project:	VPX Energy P East Pecos Fe Janager: Ast	ederal 22	-3H		Company: WPX Energy Perm Address: 5315 Buena Vista Dr City, State, Zip: Carlsbad NM,			Lab E	WO#		7	1.00	Num		639		2D	3D Std x	NM ×	CO UT	TX
No. 2 Sector Sector	3122 Nation		11112		Phone: (575)689-7597							Ana	alysis	and	Met	hod			EF	A Progra	m
P - 1	e, Zip: Carls		88220		Email: jim.raley@dvn.com Miscellaneous: Jim Raley	-		_											SDWA	CWA	RCRA
	giovengo@ei		om		Miscellaneous. Jim Raley	-			8015	8015	_		0.		~	s			Compliand PWSID #	ce Y	or N
				Sample Info	rmation	i.	-		to by	o by	802	8260	: 300.0	WN-	5 - TX	Metals					
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID	Field	Filter	Lab umber	DRO/ORO	GRO/DRO by	BTEX by 8021	VOC by	Chloride	BGDOC.	TCEQ 1005	RCRA 8 I				Remarks	
9:52	8/19/2024	S	1		SS04B - 0'			1						x							
10:07	8/19/2024	S	1		SS04C - 0'			2						x							
		1																			

eceived by OCD: 10/30/2024 7:27:18 AM

				Sample Informati	on	-		(q O	(q O	802	3260	300	NN	5-1	8 Meta			
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID	Field	Lab Number	DRO/ORO by	GRO/DRO by	BTEX by 802	VOC by 8260	Chloride 300	BGDOC - NN	TCEQ 1005 - T	RCRA 8 1			Remarks
9:52	8/19/2024	S	1		SS04B - 0'		1						x					
0:07	8/19/2024	S	1		SS04C - 0'		2						x					
_						-									-			
												_	_	_	-	-		
mmo	al Instruction	.com			agiovengo@ensolum.com, jim				and the								Concession of	and the second
pled by	Cole Burton																	
nguish	ed by: (Signature	e)	Date 8/1	20/24 T:30	Received by: (Signature)	Date	20.24	Time ()	73	6			2011	a construction of the second	and a state of the			e received on ice the day they are np above 0 but less than 6 °C on
MU	ed by: (Signature	1/2	Date D	0.24 Time 1620	Received by: (Signature)	Date	-20-2	Fime 1	63				Rece	eived	on ice		ab Use / N	Only
inquish	ed by: (Signatur	27	Date	-20-212320	Received by: (Signature)	Date	21.24	Time	500				T1			T2		T3

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

Date

Time

Relinquished by: (Signature)

AVG Temp °C <u>4</u> Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA lient expense. The report for the analysis of the above samples is
envirotech Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Page 12 of 13

Date

Received by: (Signature)



Time

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Client:	WPX Energy - Carlsbad Da	te Received:	08/21/24	05:00	Work Order ID:	E408177
Phone:	(539) 573-4018 Da	te Logged In:	08/20/24	16:07	Logged In By:	Raina Schwanz
Email:		ie Date:	08/27/24	17:00 (4 day TAT)		
Chain o	of Custody (COC)					
1. Does	the sample ID match the COC?		Yes			
2. Does	the number of samples per sampling site location match	the COC	Yes			
3. Were	samples dropped off by client or carrier?		Yes	Carrier: Courier		
4. Was t	the COC complete, i.e., signatures, dates/times, requested	analyses?	Yes			
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes		Commen	ts/Resolution
<u>Sample</u>	<u>- Turn Around Time (TAT)</u>					
6. Did tl	he COC indicate standard TAT, or Expedited TAT?		Yes			
Sample	Cooler					
7. Was a	a sample cooler received?		Yes			
8. If yes	s, was cooler received in good condition?		Yes			
9. Was t	the sample(s) received intact, i.e., not broken?		Yes			
10. Wer	e custody/security seals present?		No			
11. If ye	es, were custody/security seals intact?		NA			
12. Was	the sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are re-		Yes			
13. If no	minutes of sampling o visible ice, record the temperature. Actual sample ten	nperature: 4°	С			
	• Container		<u> </u>			
	aqueous VOC samples present?		No			
	VOC samples collected in VOA Vials?		NA			
	he head space less than 6-8 mm (pea sized or less)?		NA			
	s a trip blank (TB) included for VOC analyses?		NA			
	non-VOC samples collected in the correct containers?		Yes			
	e appropriate volume/weight or number of sample containers	collected?	Yes			
Field La						
	e field sample labels filled out with the minimum inform	ation:				
	Sample ID?		Yes			
	Date/Time Collected?		No			
	Collectors name?		No			
	<u>Preservation</u>		.			
	es the COC or field labels indicate the samples were prese	ervea?	No			
	sample(s) correctly preserved? ab filteration required and/or requested for dissolved meta	169	NA			
74 1010	• •	13 (No			
	hase Sample Matrix_ as the sample have more than one phase, i.e., multiphase?					
<u>Multipl</u>	s the sample have more than one phase i.e. multiphase?		No			
<u>Multipl</u> 26. Doe			NIA			
Multipl 26. Doe 27. If ye	es, does the COC specify which phase(s) is to be analyzed	1?	NA			
Multipl 26. Doe 27. If ye Subcon	es, does the COC specify which phase(s) is to be analyzed tract Laboratory		NA			
<u>Multiph</u> 26. Doe 27. If ye <u>Subcon</u> 28. Are	es, does the COC specify which phase(s) is to be analyzed		No NA			

Signature of client authorizing changes to the COC or sample disposition.



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5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

WPX Energy - Carlsbad

Project Name: East Pecos Federal 22-3H

Work Order: E408188

Job Number: 04108-0639

Received: 8/22/2024

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 8/28/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 8/28/24

Ashley Giovengo 5315 Buena Vista Dr Carlsbad, NM 88220

Project Name: East Pecos Federal 22-3H Workorder: E408188 Date Received: 8/22/2024 5:30:00AM

Ashley Giovengo,



Page 227 of 419

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/22/2024 5:30:00AM, under the Project Name: East Pecos Federal 22-3H.

The analytical test results summarized in this report with the Project Name: East Pecos Federal 22-3H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com

Michelle Gonzales Client Representative Office: 505-421-LABS(5227) Cell: 505-947-8222 mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

		Sample Sum	mar y		
WPX Energy - Carlsbad		Project Name:	East Pecos Federal	22-3H	Reported:
5315 Buena Vista Dr		Project Number:	04108-0639		Reporteu.
Carlsbad NM, 88220		Project Manager:	Ashley Giovengo		08/28/24 08:09
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS04 - 9'	E408188-01A	Solid	08/20/24	08/22/24	Glass Jar, 4 oz.
FS11 - 9'	E408188-02A	Solid	08/20/24	08/22/24	Glass Jar, 4 oz.
FS12 - 9'	E408188-03A	Solid	08/20/24	08/22/24	Glass Jar, 4 oz.
FS13 - 9'	E408188-04A	Solid	08/20/24	08/22/24	Glass Jar, 4 oz.
FS14 - 9'	E408188-05A	Solid	08/20/24	08/22/24	Glass Jar, 4 oz.
FS20 - 9'	E408188-06A	Solid	08/20/24	08/22/24	Glass Jar, 4 oz.
FS21 - 9'	E408188-07A	Solid	08/20/24	08/22/24	Glass Jar, 4 oz.
FS22 - 9'	E408188-08A	Solid	08/20/24	08/22/24	Glass Jar, 4 oz.
FS10 - 9'	E408188-09A	Solid	08/20/24	08/22/24	Glass Jar, 4 oz.



	D.	ample D	ata			
WPX Energy - Carlsbad	Project Name:	: East	Pecos Federa			
5315 Buena Vista Dr	Project Numb	er: 0410	Reported:			
Carlsbad NM, 88220	Project Manag	ger: Ash	ley Giovengo			8/28/2024 8:09:00AM
		FS04 - 9'				
		E408188-01				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Aı	nalyst: RKS		Batch: 2434062
Benzene	ND	0.0250	1	08/22/24	08/22/24	
Ethylbenzene	ND	0.0250	1	08/22/24	08/22/24	
Toluene	ND	0.0250	1	08/22/24	08/22/24	
p-Xylene	ND	0.0250	1	08/22/24	08/22/24	
o,m-Xylene	ND	0.0500	1	08/22/24	08/22/24	
Total Xylenes	ND	0.0250	1	08/22/24	08/22/24	
Surrogate: Bromofluorobenzene		104 %	70-130	08/22/24	08/22/24	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130	08/22/24	08/22/24	
Surrogate: Toluene-d8		98.1 %	70-130	08/22/24	08/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: RKS		Batch: 2434062
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/24	08/22/24	
Surrogate: Bromofluorobenzene		104 %	70-130	08/22/24	08/22/24	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130	08/22/24	08/22/24	
Surrogate: Toluene-d8		98.1 %	70-130	08/22/24	08/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/OR	O mg/kg	mg/kg	Aı	nalyst: NV		Batch: 2434064
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/24	08/23/24	
Dil Range Organics (C28-C36)	ND	50.0	1	08/22/24	08/23/24	
Surrogate: n-Nonane		101 %	50-200	08/22/24	08/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: WF		Batch: 2434070
Chloride	85.3	20.0	1	08/22/24	08/22/24	



		imple D					
WPX Energy - Carlsbad 5315 Buena Vista Dr	Project Name: Project Numbe		Pecos Fee 08-0639	deral 22-	3Н		Reported:
Carlsbad NM, 88220	Project Number		ley Giovei	190			8/28/2024 8:09:00AM
	jg			-8-			
		FS11 - 9'					
	-	E408188-02					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2434062
Benzene	ND	0.0250		1	08/22/24	08/22/24	
Ethylbenzene	ND	0.0250		1	08/22/24	08/22/24	
Toluene	ND	0.0250		1	08/22/24	08/22/24	
p-Xylene	ND	0.0250		1	08/22/24	08/22/24	
p,m-Xylene	ND	0.0500		1	08/22/24	08/22/24	
Total Xylenes	ND	0.0250		1	08/22/24	08/22/24	
Surrogate: Bromofluorobenzene		104 %	70-130		08/22/24	08/22/24	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130		08/22/24	08/22/24	
Surrogate: Toluene-d8		98.7 %	70-130		08/22/24	08/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2434062
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/22/24	08/22/24	
Surrogate: Bromofluorobenzene		104 %	70-130		08/22/24	08/22/24	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130		08/22/24	08/22/24	
Surrogate: Toluene-d8		98.7 %	70-130		08/22/24	08/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2434064
Diesel Range Organics (C10-C28)	ND	25.0		1	08/22/24	08/23/24	
Oil Range Organics (C28-C36)	ND	50.0		1	08/22/24	08/23/24	
Surrogate: n-Nonane		96.7 %	50-200		08/22/24	08/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2434070
Chloride	113	20.0		1	08/22/24	08/22/24	



		ampic D					
WPX Energy - Carlsbad	Project Name:	East	Pecos Fee	deral 22-	3Н		
5315 Buena Vista Dr	Project Numbe	er: 0410	08-0639		Reported:		
Carlsbad NM, 88220	Project Manag	ger: Ash	ley Giover	ngo			8/28/2024 8:09:00AM
		FS12 - 9'					
		E408188-03					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2434062
Benzene	ND	0.0250		1	08/22/24	08/22/24	
thylbenzene	ND	0.0250		1	08/22/24	08/22/24	
Toluene	ND	0.0250		1	08/22/24	08/22/24	
-Xylene	ND	0.0250		1	08/22/24	08/22/24	
,m-Xylene	ND	0.0500		1	08/22/24	08/22/24	
Total Xylenes	ND	0.0250		1	08/22/24	08/22/24	
urrogate: Bromofluorobenzene		105 %	70-130		08/22/24	08/22/24	
urrogate: 1,2-Dichloroethane-d4		98.2 %	70-130		08/22/24	08/22/24	
urrogate: Toluene-d8		98.3 %	70-130		08/22/24	08/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RKS		Batch: 2434062
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/22/24	08/22/24	
Surrogate: Bromofluorobenzene		105 %	70-130		08/22/24	08/22/24	
urrogate: 1,2-Dichloroethane-d4		98.2 %	70-130		08/22/24	08/22/24	
urrogate: Toluene-d8		98.3 %	70-130		08/22/24	08/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	NV		Batch: 2434064
Diesel Range Organics (C10-C28)	ND	25.0		1	08/22/24	08/23/24	
Dil Range Organics (C28-C36)	ND	50.0		1	08/22/24	08/23/24	
urrogate: n-Nonane		93.3 %	50-200		08/22/24	08/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	WF		Batch: 2434070
Chloride	95.7	20.0		1	08/22/24	08/22/24	



		ampic D					
WPX Energy - Carlsbad	Project Name:	East	Pecos Fee	leral 22-	3Н		
5315 Buena Vista Dr	Project Numbe	er: 0410	08-0639			Reported:	
Carlsbad NM, 88220	Project Manag	ger: Ash	ey Giover	ngo			8/28/2024 8:09:00AM
		FS13 - 9'					
		E408188-04					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2434062
Benzene	ND	0.0250		1	08/22/24	08/22/24	
Ethylbenzene	ND	0.0250		1	08/22/24	08/22/24	
Toluene	ND	0.0250		1	08/22/24	08/22/24	
o-Xylene	ND	0.0250		1	08/22/24	08/22/24	
,m-Xylene	ND	0.0500		1	08/22/24	08/22/24	
Total Xylenes	ND 0.0250 1 08/2		08/22/24	08/22/24			
Surrogate: Bromofluorobenzene		102 %	70-130		08/22/24	08/22/24	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130		08/22/24	08/22/24	
urrogate: Toluene-d8		97.3 %	70-130		08/22/24	08/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2434062
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/22/24	08/22/24	
Surrogate: Bromofluorobenzene		102 %	70-130		08/22/24	08/22/24	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130		08/22/24	08/22/24	
urrogate: Toluene-d8		97.3 %	70-130		08/22/24	08/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2434064
Diesel Range Organics (C10-C28)	ND	25.0		1	08/22/24	08/23/24	
Dil Range Organics (C28-C36)	ND	50.0		1	08/22/24	08/23/24	
urrogate: n-Nonane		93.9 %	50-200		08/22/24	08/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	WF		Batch: 2434070
Chloride	43.3	20.0		1	08/22/24	08/22/24	



		ampic D					
WPX Energy - Carlsbad	Project Name	:: East	Pecos Fee	leral 22-	3Н		
5315 Buena Vista Dr	Project Numb		08-0639			Reported:	
Carlsbad NM, 88220	Project Mana	ger: Ash	ley Giover	ngo			8/28/2024 8:09:00AM
		FS14 - 9'					
		E408188-05					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2434062
Benzene	ND	0.0250		1	08/22/24	08/22/24	
Ethylbenzene	ND	0.0250		1	08/22/24	08/22/24	
Toluene	ND	0.0250		1	08/22/24	08/22/24	
-Xylene	ND	0.0250		1	08/22/24	08/22/24	
,m-Xylene	ND 0.0500 1 08/		08/22/24	08/22/24			
Total Xylenes	ND 0.0250 1 08/22/		08/22/24	08/22/24			
urrogate: Bromofluorobenzene		101 %	70-130		08/22/24	08/22/24	
urrogate: 1,2-Dichloroethane-d4		94.9 %	70-130		08/22/24	08/22/24	
urrogate: Toluene-d8		97.4 %	70-130		08/22/24	08/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2434062
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/22/24	08/22/24	
urrogate: Bromofluorobenzene		101 %	70-130		08/22/24	08/22/24	
urrogate: 1,2-Dichloroethane-d4		94.9 %	70-130		08/22/24	08/22/24	
urrogate: Toluene-d8		97.4 %	70-130		08/22/24	08/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2434064
Diesel Range Organics (C10-C28)	25.6	25.0		1	08/22/24	08/23/24	T17
Dil Range Organics (C28-C36)	ND	50.0		1	08/22/24	08/23/24	
urrogate: n-Nonane		97.8 %	50-200		08/22/24	08/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2434070
Chloride	131	20.0		1	08/22/24	08/22/24	



		ample D					
WPX Energy - Carlsbad	Project Name:	East	Pecos Fed	eral 22-3	H		
5315 Buena Vista Dr	Project Numbe	er: 0410	08-0639				Reported:
Carlsbad NM, 88220	Project Manag	ger: Ash	ley Gioveng	go			8/28/2024 8:09:00AM
		FS20 - 9'					
		E408188-06					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2434062
Benzene	ND	0.0250	i	1	08/22/24	08/22/24	
Ethylbenzene	ND	0.0250	1	1	08/22/24	08/22/24	
Toluene	ND	0.0250	1	1	08/22/24	08/22/24	
o-Xylene	ND	0.0250	1	1	08/22/24	08/22/24	
p,m-Xylene	ND	0.0500	1	1	08/22/24	08/22/24	
Total Xylenes	ND	0.0250		1	08/22/24	08/22/24	
Surrogate: Bromofluorobenzene		104 %	70-130		08/22/24	08/22/24	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130		08/22/24	08/22/24	
Surrogate: Toluene-d8		97.9 %	70-130		08/22/24	08/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2434062
Gasoline Range Organics (C6-C10)	ND	20.0	-	1	08/22/24	08/22/24	
Surrogate: Bromofluorobenzene		104 %	70-130		08/22/24	08/22/24	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130		08/22/24	08/22/24	
Surrogate: Toluene-d8		97.9 %	70-130		08/22/24	08/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2434064
Diesel Range Organics (C10-C28)	ND	25.0	1	1	08/22/24	08/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	08/22/24	08/23/24	
Surrogate: n-Nonane		96.7 %	50-200		08/22/24	08/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2434070
Chloride	29.2	20.0		1	08/22/24	08/22/24	



Sample Data

	~	ample D					
WPX Energy - Carlsbad	Project Name		Pecos Fed	eral 22-	3Н		
5315 Buena Vista Dr	Project Numb)8-0639	Reported:			
Carlsbad NM, 88220	Project Mana	ger: Ash	ley Gioven	go			8/28/2024 8:09:00AM
		FS21 - 9'					
		E408188-07					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2434062
Benzene	ND	0.0250		1	08/22/24	08/23/24	
Ethylbenzene	ND	0.0250		1	08/22/24	08/23/24	
Toluene	ND	0.0250		1	08/22/24	08/23/24	
p-Xylene	ND	0.0250		1	08/22/24	08/23/24	
o,m-Xylene	ND	0.0500		1	08/22/24	08/23/24	
Fotal Xylenes	ND	0.0250		1	08/22/24	08/23/24	
Surrogate: Bromofluorobenzene		103 %	70-130		08/22/24	08/23/24	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130		08/22/24	08/23/24	
urrogate: Toluene-d8		99.1 %	70-130		08/22/24	08/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2434062
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/22/24	08/23/24	
Surrogate: Bromofluorobenzene		103 %	70-130		08/22/24	08/23/24	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130		08/22/24	08/23/24	
urrogate: Toluene-d8		99.1 %	70-130		08/22/24	08/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2434064
Diesel Range Organics (C10-C28)	ND	25.0		1	08/22/24	08/23/24	
Dil Range Organics (C28-C36)	ND	50.0		1	08/22/24	08/23/24	
Surrogate: n-Nonane		104 %	50-200		08/22/24	08/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2434070
Chloride	93.8	20.0		1	08/22/24	08/22/24	



		mpic D					
WPX Energy - Carlsbad 5315 Buena Vista Dr	Project Name: Project Numbe		Pecos Fede 08-0639	eral 22-3	3Н		Reported:
Carlsbad NM, 88220	Project Manag		ley Gioveng	gO			8/28/2024 8:09:00AM
				5-			
		FS22 - 9'					
]	E408188-08					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2434062
Benzene	ND	0.0250	1	1	08/22/24	08/23/24	
Ethylbenzene	ND	0.0250	1	1	08/22/24	08/23/24	
Toluene	ND	0.0250	1	1	08/22/24	08/23/24	
o-Xylene	ND	0.0250	1	1	08/22/24	08/23/24	
p,m-Xylene	ND	0.0500	1	1	08/22/24	08/23/24	
Total Xylenes	ND	0.0250	1	1	08/22/24	08/23/24	
Surrogate: Bromofluorobenzene		102 %	70-130		08/22/24	08/23/24	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130		08/22/24	08/23/24	
Surrogate: Toluene-d8		99.3 %	70-130		08/22/24	08/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2434062
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	08/22/24	08/23/24	
Surrogate: Bromofluorobenzene		102 %	70-130		08/22/24	08/23/24	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130		08/22/24	08/23/24	
Surrogate: Toluene-d8		99.3 %	70-130		08/22/24	08/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2434064
Diesel Range Organics (C10-C28)	35.9	25.0	1	1	08/22/24	08/23/24	T17
Oil Range Organics (C28-C36)	ND	50.0	1	1	08/22/24	08/23/24	
Surrogate: n-Nonane		95.8 %	50-200		08/22/24	08/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2434070
Chloride	ND	200	1	0	08/22/24	08/22/24	



		mpic D					
WPX Energy - Carlsbad	Project Name:		Pecos Fee				
5315 Buena Vista Dr	Project Numbe		08-0639				Reported:
Carlsbad NM, 88220	Project Manag	er: Ash	ley Giover	ngo			8/28/2024 8:09:00AM
		FS10 - 9'					
		E408188-09					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2434062
Benzene	ND	0.0250		1	08/22/24	08/23/24	
Ethylbenzene	ND	0.0250		1	08/22/24	08/23/24	
Toluene	ND	0.0250		1	08/22/24	08/23/24	
o-Xylene	ND	0.0250		1	08/22/24	08/23/24	
,m-Xylene	ND	0.0500		1	08/22/24	08/23/24	
Total Xylenes	Vylenes ND 0.0250			1	08/22/24	08/23/24	
Surrogate: Bromofluorobenzene		104 %	70-130		08/22/24	08/23/24	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130		08/22/24	08/23/24	
urrogate: Toluene-d8		96.8 %	70-130		08/22/24	08/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2434062
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/22/24	08/23/24	
Surrogate: Bromofluorobenzene		104 %	70-130		08/22/24	08/23/24	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130		08/22/24	08/23/24	
urrogate: Toluene-d8		96.8 %	70-130		08/22/24	08/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2434064
Diesel Range Organics (C10-C28)	ND	25.0		1	08/22/24	08/23/24	
Dil Range Organics (C28-C36)	ND	50.0		1	08/22/24	08/23/24	
urrogate: n-Nonane		82.6 %	50-200		08/22/24	08/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2434070
Chloride	64.4	20.0		1	08/22/24	08/22/24	



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr		Project Name: Project Number:		st Pecos Fede 108-0639	eral 22-3H				Reported:
Carlsbad NM, 88220		Project Manager:	As	hley Gioveng	go			8	/28/2024 8:09:00AM
		Volatile Organic	Compou	unds by El	PA 82601	3			Analyst: BA
Analyte		Reporting	Spike	Source		Rec		RPD	
-	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2434062-BLK1)							Prepared: 0	8/22/24 Ana	alyzed: 08/22/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.517		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.3	70-130			
Surrogate: Toluene-d8	0.501		0.500		100	70-130			
LCS (2434062-BS1)							Prepared: 0	8/22/24 An:	alyzed: 08/22/24
· · · ·	2.11	0.0250	2.50		84.3	70-130	110paroar o		
Benzene	2.11	0.0250 0.0250	2.50		84.3 92.7	70-130			
Ethylbenzene	2.52					70-130			
Toluene	2.12	0.0250	2.50		84.8 93.3	70-130			
p-Xylene		0.0250	2.50		93.5	70-130			
p,m-Xylene	4.68 7.01	0.0500	5.00 7.50		93.5 93.5	70-130			
Total Xylenes		0.0250							
Surrogate: Bromofluorobenzene	0.519		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.471		0.500		94.2	70-130			
Surrogate: Toluene-d8	0.495		0.500		98.9	70-130			
Matrix Spike (2434062-MS1)				Source:	E408189-		Prepared: 0	8/22/24 Ana	alyzed: 08/22/24
Benzene	2.51	0.0250	2.50	ND	100	48-131			
Ethylbenzene	2.50	0.0250	2.50	ND	100	45-135			
Toluene	2.37	0.0250	2.50	ND	94.7	48-130			
p-Xylene	2.47	0.0250	2.50	ND	98.7	43-135			
o,m-Xylene	4.94	0.0500	5.00	ND	98.9	43-135			
Total Xylenes	7.41	0.0250	7.50	ND	98.8	43-135			
	0.515		0.500		103	70-130			
Surrogate: Bromofluorobenzene	0.000								
Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4	0.474		0.500		94.7	70-130			
° °			0.500 0.500		94.7 98.9	70-130 70-130			
Surrogate: 1,2-Dichloroethane-d4	0.474			Source:		70-130	Prepared: 0	8/22/24 Ana	alyzed: 08/22/24
Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8	0.474	0.0250		Source:	98.9	70-130	Prepared: 00	8/22/24 Ana	alyzed: 08/22/24
Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2434062-MSD1)	0.474 0.495	0.0250 0.0250	0.500		98.9 E408189-	70-130 01			alyzed: 08/22/24
Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2434062-MSD1) Benzene	0.474 0.495 2.52		0.500	ND	98.9 E408189- 101	70-130 01 48-131	0.199	23	alyzed: 08/22/24
Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2434062-MSD1) Benzene Ethylbenzene Foluene	0.474 0.495 2.52 2.51	0.0250	0.500 2.50 2.50	ND ND	98.9 E408189-(101 101	70-130 01 48-131 45-135	0.199 0.558	23 27	alyzed: 08/22/24
Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2434062-MSD1) Benzene Ethylbenzene Toluene 5-Xylene	0.474 0.495 2.52 2.51 2.37	0.0250 0.0250	0.500 2.50 2.50 2.50	ND ND ND	98.9 E408189- 101 101 94.8	70-130 01 48-131 45-135 48-130	0.199 0.558 0.106	23 27 24	alyzed: 08/22/24
Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2434062-MSD1) Benzene Ethylbenzene Foluene	0.474 0.495 2.52 2.51 2.37 2.52	0.0250 0.0250 0.0250	0.500 2.50 2.50 2.50 2.50	ND ND ND ND	98.9 E408189- 101 101 94.8 101	70-130 01 48-131 45-135 48-130 43-135	0.199 0.558 0.106 1.97	23 27 24 27	alyzed: 08/22/24
Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2434062-MSD1) Benzene Ethylbenzene Toluene o-Xylene o,m-Xylene Total Xylenes	0.474 0.495 2.52 2.51 2.37 2.52 5.02 7.54	0.0250 0.0250 0.0250 0.0500	0.500 2.50 2.50 2.50 2.50 5.00	ND ND ND ND	98.9 E408189- 101 101 94.8 101 100	70-130 01 48-131 45-135 48-130 43-135 43-135	0.199 0.558 0.106 1.97 1.52	23 27 24 27 27	alyzed: 08/22/24
Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2434062-MSD1) Benzene Ethylbenzene Toluene o-Xylene o,m-Xylene	0.474 0.495 2.52 2.51 2.37 2.52 5.02	0.0250 0.0250 0.0250 0.0500	0.500 2.50 2.50 2.50 2.50 5.00 7.50	ND ND ND ND	98.9 E408189- 101 101 94.8 101 100 100	70-130 01 48-131 45-135 48-130 43-135 43-135 43-135	0.199 0.558 0.106 1.97 1.52	23 27 24 27 27	alyzed: 08/22/24



QC Summary Data

		QC D			a				
WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220		Project Name: Project Number: Project Manager:		East Pecos Fede 04108-0639 Ashley Gioveng					Reported: 8/28/2024 8:09:00AM
	No	onhalogenated O	rganic	s by EPA 80	15D - GR	0			Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2434062-BLK1)							Prepared: 0	8/22/24 <i>I</i>	Analyzed: 08/22/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.517		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.3	70-130			
Surrogate: Toluene-d8	0.501		0.500		100	70-130			
LCS (2434062-BS2)							Prepared: 0	8/22/24 <i>I</i>	Analyzed: 08/22/24
Gasoline Range Organics (C6-C10)	45.0	20.0	50.0		89.9	70-130			
Surrogate: Bromofluorobenzene	0.540		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.474		0.500		94.7	70-130			
Surrogate: Toluene-d8	0.501		0.500		100	70-130			
Matrix Spike (2434062-MS2)				Source:	E408189-01	_	Prepared: 0	8/22/24 <i>I</i>	Analyzed: 08/22/24
Gasoline Range Organics (C6-C10)	44.9	20.0	50.0	ND	89.8	70-130			
Surrogate: Bromofluorobenzene	0.528		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.471		0.500		94.2	70-130			
Surrogate: Toluene-d8	0.502		0.500		100	70-130			
Matrix Spike Dup (2434062-MSD2)				Source:	E408189-01	_	Prepared: 0	8/22/24 <i>I</i>	Analyzed: 08/22/24
Gasoline Range Organics (C6-C10)	44.8	20.0	50.0	ND	89.6	70-130	0.233	20	
Surrogate: Bromofluorobenzene	0.531		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.5	70-130			
Surrogate: Toluene-d8	0.504		0.500		101	70-130			

QC Summary Data

		QC D	u 111111	ary Data	4				
WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	(East Pecos Fede 04108-0639 Ashley Gioveng					Reported: 8/28/2024 8:09:00AM
	Nonh	alogenated Org	anics by	y EPA 8015D) - DRO	/ORO			Analyst: NV
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2434064-BLK1)							Prepared: 0	8/22/24 <i>I</i>	Analyzed: 08/23/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.3		50.0		94.7	50-200			
LCS (2434064-BS1)							Prepared: 0	8/22/24 A	Analyzed: 08/23/24
Diesel Range Organics (C10-C28)	206	25.0	250		82.2	38-132			
Surrogate: n-Nonane	44.5		50.0		89.0	50-200			
Matrix Spike (2434064-MS1)				Source:	E408185-	08	Prepared: 0	8/22/24 <i>A</i>	Analyzed: 08/23/24
Diesel Range Organics (C10-C28)	217	25.0	250	ND	86.7	38-132			
Surrogate: n-Nonane	45.5		50.0		91.0	50-200			
Matrix Spike Dup (2434064-MSD1)				Source:	E408185-	08	Prepared: 0	8/22/24 <i>A</i>	Analyzed: 08/23/24
Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	38-132	17.3	20	
Surrogate: n-Nonane	50.7		50.0		101	50-200			



QC Summary Data

		• • •	-						
WPX Energy - Carlsbad		Project Name:		East Pecos Fede	eral 22-3H				Reported:
5315 Buena Vista Dr		Project Number:		04108-0639					
Carlsbad NM, 88220		Project Manager	:	Ashley Gioveng	go				8/28/2024 8:09:00AM
		Anions	by EPA	300.0/9056	۱.				Analyst: WF
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2434070-BLK1)							Prepared: 0)8/22/24 <i>I</i>	Analyzed: 08/22/24
Chloride	ND	20.0							
LCS (2434070-BS1)							Prepared: 0	08/22/24 A	Analyzed: 08/22/24
Chloride	254	20.0	250		101	90-110			
Matrix Spike (2434070-MS1)				Source:	E408188-0)8	Prepared: 0	08/22/24 A	Analyzed: 08/22/24
Chloride	296	200	250	ND	118	80-120			
Matrix Spike Dup (2434070-MSD1)				Source:	E408188-0)8	Prepared: 0	08/22/24 A	Analyzed: 08/22/24
Chloride	341	200	250	ND	137	80-120	14.2	20	M5

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



WPX Energy - Carlsbad	Project Name:	East Pecos Federal 22-3H	
5315 Buena Vista Dr	Project Number:	04108-0639	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	08/28/24 08:09

M5 The analysis of the MS sample required a dilution such that the spike recovery calculation does not provide useful information. The accociated LCS spike recovery was acceptable.

T17 The sample chromatographic pattern does not resemble the typical fuel standard used for quantitation.

ND Analyte NOT DETECTED at or above the reporting limit

- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Client Information		nt Inform	ation			Invoice Information					Lab Use Only						TAT State					
	/PX Energy P						X Energy Permian,	LLC		Lab WO# Job Number E408188 04108-0639					1D					M CO UT TX		
	East Pecos Fe					Address: 5315 E			E							x						
	lanager: Ash						Carlsbad NM, 882	20		_												
	3122 Nation					Phone: (575)689-7597					-		Ana	lysis	and N	lethod	_	-	-	EPA Progr		
ty, State, Zip: Carlsbad NM, 88220 Email: jim.raley@dvn.com																SDWA	CWA	RCRA				
	75-988-0055	-			Mi	scellaneous: Jin	n Raley			1											1.1.1	
nail: a	giovengo@er	nsolum.co	om					-		8015	1015								Complia		or N	
				Sam	ple Informat	ion				- 2	GRO/DRO by 8015	3021	8260	Chloride 300.0	MN	TCEQ 1005 - TX RCRA 8 Metals			PWSID	#		
Time		1.5.7.5.	No. of	Jam	pie informat				Lab	DRO/ORO	/DRG	BTEX by 8021	by 8	ride	BGDOC - NM	0 00				Remark	5	
mpled	Date Sampled	Matrix	Containers			Sample ID		Field		DRO	GRO	BTE	VOC by	Chlo	BGD	TCEQ 1 RCRA						
0:00	8/20/2024	Sd	1			FS04 - 9'			1						x							
		Ju	-						1						^	-	-					
0:03	8/20/2024	Sd	1			FS11 - 9'		1	2						x							
								-	Z	-	-		_			_		-				
.0:10	8/20/2024	Sd	1			FS12 - 9'			3						x							
0.07	8/20/2024					FC12 01		-	/	-	-		-	-	-							
10:07	8/20/2024	Sd	1			FS13 - 9'			4						x							
9:55	8/20/2024					FS14 - 9'		-		-	1											
5.55	0, =0, =0 = 1	Sd	1		F514 - 9				5						x							
9:52	8/20/2024				FS20 - 9'		-	1											~			
5.52		Sd	1	1320 5				6						x								
14:41	8/20/2024	Sd	1	FS21 - 9'			1						~									
		Su	1					7						x								
14:45	8/20/2024	Sd	1		FS22 - 9'			8	1					x								
		Ju	-						0						^				(-	
14:39	8/20/2024	Sd	1			FS10 - 9'			9						x							
-								-		-	-		_	-		-		-	-			
								1														
1 1					nere transfer to passe										hala			also and la				
			ise CC: cbu	irton@er	isolum.com,	agiovengo@en	nsolum.com, jim.ra	aley@	avn.cor	n, lest	rella	wens	olum	1.com	, bae	al@ens	olum,	chamin	con@ens	solum.con	1,	
field same	ns@ensolum	.com	authenticity c	of this sampl	e. Lam aware th	at tampering with or	intentionally mislabeling	the sar	nple locatio	n. date	or time	of colle	ection i	s consid	lered f	aud and n	nav be gr	ounds for l	legal action		_	
	Cole Burton	s running une		an ann a ann pr						.,												
	ed by: (Signatur	e)	Date	I.	Time	Received by: (Sig	gnature)	Date		Time					×10.0053		Second Contraction			ed on ice the da		
U	E BUT	V	8/1	21/24	7:70	Midle	ILAN	8	21.24	C	573	U		1	ampled	or received	packed in	ice at an av	g temp above	e 0 but less than	6 °C on	
linquishe	ed by: (Signatur	eh	Date		Time	Received by/(Si	gnature)		21.24	Time				ľ	Intern	int nam		Lab U	lse Only	-		
this	elle la	8	8-2	1-24	1545	bore a	MRSo	R	11.29	117	145				Recei	ved on	ice:	Y/ N				
	ed by: (Signatur	e)	Date		Time	Received by: (Sig	gnature)	Date		Time	9							-				
Varles	JAS	80 8-21-24 2345 July 1 Hell		1. ARIA	8	2.2	0.	530				Г1		_ 1	r2		<u>T3</u>					
linquish	ed by: (Signatur	e)	Date		Time	Received by: (Si	gnature)	Date		Time							y					
			-					1000	tain or Tu		alace		h. /nl	- I	AVG	emp °(0.1				
	rix: S - Soil, Sd - S						and the second second		tainer Ty						ag - d	nber gia	55, V - V	TOA	he enclusi	a of the obe	a complex is	
							made. Hazardous sam aboratory is limited to						osea c	or at th	e clien	t expense	e. The re	port for t	ine analysi	s of the abo	le samples is	
picable	only to those sa	mpies rece	ived by the la	aboratory		ine national of the la	soratory is innited to	and an	ount paid	51 011	ine rep				-							
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							Page 19	9 of 2	20			6			(91			IC	b t (50	

Chain of Custody WOX 21153617

Page _____ of ___

Received by OCD: 10/30/2024 7:27:18 AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Client:	WPX Energy - Carlsbad Da	te Received:	08/22/24	05:30	Work Order ID:	E408188
Phone:	(539) 573-4018 Da	te Logged In:	08/22/24	07:45	Logged In By:	Keyliegh Hall
Email:	ashley.giovengo@wesominc.com Du	e Date:	08/28/24	17:00 (4 day TAT)		
<u>Chain o</u>	f Custody (COC)					
1. Does	the sample ID match the COC?		Yes			
2. Does	the number of samples per sampling site location match	the COC	Yes			
3. Were	samples dropped off by client or carrier?		Yes	Carrier: Couier		
4. Was t	he COC complete, i.e., signatures, dates/times, requested	analyses?	Yes			
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	field,	Yes		Commen	ts/Resolution
Sample	Turn Around Time (TAT)					
	ne COC indicate standard TAT, or Expedited TAT?		Yes			
Sample	•					
	sample cooler received?		Yes			
	, was cooler received in good condition?		Yes			
9. Was t	he sample(s) received intact, i.e., not broken?		Yes			
	e custody/security seals present?		No			
	s, were custody/security seals intact?		NA			
•	the sample received on ice? If yes, the recorded temp is 4°C, i.e., Note: Thermal preservation is not required, if samples are rec		Yes			
	minutes of sampling					
13. If no	visible ice, record the temperature. Actual sample ten	nperature: <u>4°</u>	<u>C</u>			
<u>Sample</u>	<u>Container</u>					
	aqueous VOC samples present?		No			
	VOC samples collected in VOA Vials?		NA			
	e head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?		NA			
	non-VOC samples collected in the correct containers?		Yes			
19. Is the	appropriate volume/weight or number of sample containers	collected?	Yes			
Field La						
	e field sample labels filled out with the minimum information information in the same information in the sa	ation:	V			
	Sample ID? Date/Time Collected?		Yes			
	Collectors name?		Yes Yes			
	Preservation		105			
_	s the COC or field labels indicate the samples were prese	rved?	No			
22. Are	sample(s) correctly preserved?		NA			
	b filteration required and/or requested for dissolved meta	ls?	No			
<u>Mu</u> ltiph	ase Sample Matrix					
-	s the sample have more than one phase, i.e., multiphase?		No			
	s, does the COC specify which phase(s) is to be analyzed	1?	NA			
Subcon	tract Laboratory					
	samples required to get sent to a subcontract laboratory?		No			
	a subcontract laboratory specified by the client and if so	who?	NA	Subcontract Lab: N/A		
	Instruction					

Signature of client authorizing changes to the COC or sample disposition.







5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





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Practical Solutions for a Better Tomorrow

Analytical Report

WPX Energy - Carlsbad

Project Name: East Pecos Federal 22-3H

Work Order: E408189

Job Number: 04108-0639

Received: 8/22/2024

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 8/28/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 8/28/24

Ashley Giovengo 5315 Buena Vista Dr Carlsbad, NM 88220

Project Name: East Pecos Federal 22-3H Workorder: E408189 Date Received: 8/22/2024 5:30:00AM

Ashley Giovengo,



Page 247 of 419

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/22/2024 5:30:00AM, under the Project Name: East Pecos Federal 22-3H.

The analytical test results summarized in this report with the Project Name: East Pecos Federal 22-3H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com

Michelle Gonzales Client Representative Office: 505-421-LABS(5227) Cell: 505-947-8222 mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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r -		Sample Sum	mary		0		
WPX Energy - Carlsbad		Project Name:	East Pecos Federal	22-3Н	Reported:		
5315 Buena Vista Dr		Project Number:	04108-0639		Reported:		
Carlsbad NM, 88220		Project Manager:	Ashley Giovengo		08/28/24 07:48		
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container		
BF01	E408189-01A	Soil	08/20/24	08/22/24	Glass Jar, 4 oz.		



	~	ampic D						
WPX Energy - Carlsbad	- Carlsbad Project Name: East Pecos Federal 22-3H							
5315 Buena Vista Dr	Project Numbe	er: 0410	08-0639				Reported:	
Carlsbad NM, 88220	Project Manag	ger: Ash	ley Gioveng	8/28/2024 7:48:08AM				
		BF01						
		E408189-01						
		Reporting						
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2434062	
Benzene	ND	0.0250	1	1	08/22/24	08/22/24		
Ethylbenzene	ND	0.0250	1	1	08/22/24	08/22/24		
Toluene	ND	0.0250	1	1	08/22/24	08/22/24		
p-Xylene	ND	0.0250	1	1	08/22/24	08/22/24		
o,m-Xylene	ND	0.0500	1	1	08/22/24	08/22/24		
Fotal Xylenes	ND	0.0250	1	1	08/22/24	08/22/24		
Surrogate: Bromofluorobenzene		104 %	70-130		08/22/24	08/22/24		
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130		08/22/24	08/22/24		
Surrogate: Toluene-d8		97.4 %	70-130		08/22/24	08/22/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2434062	
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	08/22/24	08/22/24		
Surrogate: Bromofluorobenzene		104 %	70-130		08/22/24	08/22/24		
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130		08/22/24	08/22/24		
Surrogate: Toluene-d8		97.4 %	70-130		08/22/24	08/22/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2434064	
Diesel Range Organics (C10-C28)	ND	25.0	1	I	08/22/24	08/23/24		
Dil Range Organics (C28-C36)	ND	50.0	1	1	08/22/24	08/23/24		
Surrogate: n-Nonane		102 %	50-200		08/22/24	08/23/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: .	JM		Batch: 2434063	
Chloride	ND	200	1	0	08/22/24	08/22/24		



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr		Project Name:East Pecos Federal 22-3HProject Number:04108-0639							Reported:	
Carlsbad NM, 88220		Project Manager:		shley Gioveng	ço			8/2	8/28/2024 7:48:08AM	
	,	Volatile Organic	Analyst: BA							
Analyte		Reporting	Spike	Source		Rec		RPD		
-	Result	Limit	Level	Result	Rec	Limits	RPD	Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2434062-BLK1)							Prepared: 08	8/22/24 Ana	lyzed: 08/22/24	
Benzene	ND	0.0250								
Ethylbenzene	ND	0.0250								
Toluene	ND	0.0250								
o-Xylene	ND	0.0250								
p,m-Xylene	ND	0.0500								
Total Xylenes	ND	0.0250								
Surrogate: Bromofluorobenzene	0.517		0.500		103	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.3	70-130				
Surrogate: Toluene-d8	0.501		0.500		100	70-130				
LCS (2434062-BS1)							Prepared: 08	8/22/24 Ana	lyzed: 08/22/24	
Benzene	2.11	0.0250	2.50		84.3	70-130				
Ethylbenzene	2.32	0.0250	2.50		92.7	70-130				
Toluene	2.12	0.0250	2.50		84.8	70-130				
o-Xylene	2.33	0.0250	2.50		93.3	70-130				
p,m-Xylene	4.68	0.0500	5.00		93.5	70-130				
Total Xylenes	7.01	0.0250	7.50		93.5	70-130				
Surrogate: Bromofluorobenzene	0.519		0.500		104	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.471		0.500		94.2	70-130				
Surrogate: Toluene-d8	0.495		0.500		98.9	70-130				
Matrix Spike (2434062-MS1)				Source:	E408189-0)1	Prepared: 08/22/24 Analyzed: 08/22/24			
Benzene	2.51	0.0250	2.50	ND	100	48-131				
Ethylbenzene	2.50	0.0250	2.50	ND	100	45-135				
Toluene	2.37	0.0250	2.50	ND	94.7	48-130				
o-Xylene	2.47	0.0250	2.50	ND	98.7	43-135				
p,m-Xylene	4.94	0.0500	5.00	ND	98.9	43-135				
Total Xylenes	7.41	0.0250	7.50	ND	98.8	43-135				
Surrogate: Bromofluorobenzene	0.515		0.500		103	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.313		0.500		94.7	70-130				
Surrogate: Toluene-d8	0.495		0.500		98.9	70-130				
Matrix Spike Dup (2434062-MSD1)				Source:	E408189-()1	Prepared: 08	8/22/24 Ana	lyzed: 08/22/24	
Benzene	2.52	0.0250	2.50	ND	101	48-131	0.199	23	<u>,</u>	
Ethylbenzene	2.52	0.0250	2.50	ND	101	45-135	0.558	23		
•	2.31	0.0250	2.50	ND	94.8	43-133	0.106	27		
Toluene					101	48-130	1.97	24 27		
o-Xylene	2.52	0.0250	2.50	ND						
p,m-Xylene	5.02	0.0500	5.00	ND	100	43-135	1.52	27		
Total Xylenes	7.54	0.0250	7.50	ND	100	43-135	1.67	27		
Surrogate: Bromofluorobenzene	0.515		0.500		103	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.5	70-130				
	0.496		0.500		99.2	70-130				



QC Summary Data

		QC D	umm	ary Date	a					
WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	(East Pecos Federal 22-3H 04108-0639 Ashley Giovengo					Reported: 8/28/2024 7:48:08AM	
	Nonhalogenated Organics by EPA 8015D - GRO							Analyst: BA		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2434062-BLK1)							Prepared: 0	8/22/24 <i>I</i>	Analyzed: 08/22/24	
Gasoline Range Organics (C6-C10)	ND	20.0								
Surrogate: Bromofluorobenzene	0.517		0.500		103	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.3	70-130				
Surrogate: Toluene-d8	0.501		0.500		100	70-130				
LCS (2434062-BS2)							Prepared: 0	8/22/24 <i>I</i>	Analyzed: 08/22/24	
Gasoline Range Organics (C6-C10)	45.0	20.0	50.0		89.9	70-130				
Surrogate: Bromofluorobenzene	0.540		0.500		108	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.474		0.500		94.7	70-130				
Surrogate: Toluene-d8	0.501		0.500		100	70-130				
Matrix Spike (2434062-MS2)				Source:	E408189-01		Prepared: 0	8/22/24 A	Analyzed: 08/22/24	
Gasoline Range Organics (C6-C10)	44.9	20.0	50.0	ND	89.8	70-130				
Surrogate: Bromofluorobenzene	0.528		0.500		106	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.471		0.500		94.2	70-130				
Surrogate: Toluene-d8	0.502		0.500		100	70-130				
Matrix Spike Dup (2434062-MSD2)				Source:	E408189-01		Prepared: 0	8/22/24 <i>A</i>	Analyzed: 08/22/24	
Gasoline Range Organics (C6-C10)	44.8	20.0	50.0	ND	89.6	70-130	0.233	20		
Surrogate: Bromofluorobenzene	0.531		0.500		106	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.5	70-130				
Surrogate: Toluene-d8	0.504		0.500		101	70-130				
QC Summary Data

		QU D	u 111111	ary Date					
WPX Energy - Carlsbad 5315 Buena Vista Dr		Project Name: Project Number:		East Pecos Fede 04108-0639	eral 22-3H				Reported:
Carlsbad NM, 88220		Project Manager:	1	Ashley Gioveng	ço				8/28/2024 7:48:08AM
	Nonh	alogenated Org	anics by	y EPA 8015I) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2434064-BLK1)							Prepared: 0	8/22/24 A	Analyzed: 08/23/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.3		50.0		94.7	50-200			
LCS (2434064-BS1)							Prepared: 0	8/22/24 A	Analyzed: 08/23/24
Diesel Range Organics (C10-C28)	206	25.0	250		82.2	38-132			
Surrogate: n-Nonane	44.5		50.0		89.0	50-200			
Matrix Spike (2434064-MS1)				Source:	E408185-	08	Prepared: 0	8/22/24 A	Analyzed: 08/23/24
Diesel Range Organics (C10-C28)	217	25.0	250	ND	86.7	38-132			
Surrogate: n-Nonane	45.5		50.0		91.0	50-200			
Matrix Spike Dup (2434064-MSD1)				Source:	E408185-	08	Prepared: 0	8/22/24 A	Analyzed: 08/23/24
Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	38-132	17.3	20	
Surrogate: n-Nonane	50.7		50.0		101	50-200			



QC Summary Data

		• • •	-						
WPX Energy - Carlsbad		Project Name:		East Pecos Fede	eral 22-3H				Reported:
5315 Buena Vista Dr		Project Number:		04108-0639					-
Carlsbad NM, 88220		Project Manager	:	Ashley Gioveng	go				8/28/2024 7:48:08AM
		Anions	by EPA	300.0/9056	١				Analyst: JM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2434063-BLK1)							Prepared: 0	8/22/24 /	Analyzed: 08/22/24
Chloride	ND	20.0							
LCS (2434063-BS1)							Prepared: 0	8/22/24 <i>A</i>	Analyzed: 08/22/24
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2434063-MS1)				Source:	E408184-0)4	Prepared: 0	8/22/24 A	Analyzed: 08/22/24
Chloride	341	20.0	250	79.8	105	80-120			
Matrix Spike Dup (2434063-MSD1)				Source:	E408184-0	4	Prepared: 0	8/22/24 A	Analyzed: 08/22/24
Chloride	339	20.0	250	79.8	104	80-120	0.678	20	

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



WPX Energy - Carlsbad	Project Name:	East Pecos Federal 22-3H	
5315 Buena Vista Dr	Project Number:	04108-0639	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	08/28/24 07:48

ND Analyte NOT DETECTED at or above the reporting limit	i
---	---

- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



						Cha	ain of Cu	sto	dy					W	0	t/	21	153	16	17 Page	of
	Clie	nt Inform	nation			Invoice Informa	ation					Lab	Use (Only				TAT		State	
	VPX Energy P East Pecos Fe				_	Company: WPX Energy Pe Address: 5315 Buena Vista			_ Lat	We	0#	89	ol	b Nur	ber 3-0	39	1D	2D 3	BD Sto	NM CO UT	ТХ
	Aanager: Ash					City, State, Zip: Carlsbad N	IM, 88220	-	_	-						_					
	3122 Nation			-	_	Phone: (575)689-7597			_	-		-	A	nalys	s and	Met	thod			EPA Progra	
	e, Zip: Carls		88220			Email: jim.raley@dvn.com		-	_		ľ									SDWA CWA	RCRA
	575-988-0055 giovengo@er				-	Miscellaneous: Jim Raley														Compliance Y	or N
	giovengowei	isolum.co	511					-		100	801	801		0			5			PWSID #	
				Sam	ple Inform	ation				-	Ad C	Vd C	1700	300.	MN	×1-9	Aetal			1 10510 #	
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Field	ilter	Lab Number	100,00	DRO/ORO by 8015	GRO/DRO by 8015 DTEV hu 9021		Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals			Remarks	
11:05	8/20/2024	S	1			BF01			1			0 0		, 0	x	-	æ				
bsimmo I, (field sam Sampled by Relinquish Relinquish	ns@ensolum pler), attest to the :Cole Burton ed by: (Signatur H H H ed by: (Signatur H H H ed by: (Signatur ed by: (Signatur	e validity and	Date	of this sampl 21/24 21-24	e. I am aware Time 7:30 Time 1545 Time	Received by: (Signature)	bislabeling the s	amp ate		n, dat Tir	me	ime of c			Samp samp subse Rec	d fraud les requi led or re	I and ma iring the eceived p	y be gro mal pres acked in i	ervation m ce at an av Lab L Y/ N	legal action. ust be received on ice the day ig temp above 0 but less than 6 Jse Only I	they are
Relinquish	ed by: (Signatur	e)	Date		Time	Received by: (Signature)	m to	A	22.2	4	me	20	-		T1 AV	G Ten	np °C_	4	2	<u> T3</u>	
	trix: S - Soil, Sd - S						and the second se		ainer Typ		-				c, ag -	amb	er glas				
						er arrangements are made. Hazaro C. The liability of the laboratory is lin								ed of at	the cli	ent ex	pense.	The re	port for	the analysis of the above	e samples is

Page 11 of 12

C

envirotech

Received by OCD: 10/30/2024 7:27:18 AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

	WPX Energy - Carlsbad Da	ate Received:	08/22/24	05:30	Work Order ID:	E408189
Phone:	(539) 573-4018 Da	ate Logged In:	08/22/24	07:57	Logged In By:	Keyliegh Hall
Email:		ue Date:	08/28/24	17:00 (4 day TAT)		
<u>Chain of</u>	Custody (COC)					
1. Does t	he sample ID match the COC?		Yes			
2. Does the	he number of samples per sampling site location match	the COC	Yes			
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: Couier		
4. Was th	e COC complete, i.e., signatures, dates/times, requested	l analyses?	Yes			
5. Were a	Ill samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes		Comment	ts/Resolution
<u>Sample 7</u>	<u>Furn Around Time (TAT)</u>					
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample (Cooler					
7. Was a	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	e sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
11. If yes	, were custody/security seals intact?		NA			
12. Was th	he sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are re		Yes			
13 Ifno	minutes of sampling visible ice, record the temperature. Actual sample ter	nnaratura: 1º	C			
		nperature. <u>+</u>	<u>c</u>			
	Container queous VOC samples present?		No			
	/OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers?		Yes			
	appropriate volume/weight or number of sample containers	s collected?	Yes			
Field Lal						
	field sample labels filled out with the minimum inform	ation:				
	ample ID?		Yes			
	Date/Time Collected?		Yes			
-	Collectors name?		No			
	Preservation	10	N			
	the COC or field labels indicate the samples were prese	ervea?	No			
	ample(s) correctly preserved? filteration required and/or requested for dissolved meta	109	NA No			
		115 (No			
	ase Sample Matrix					
	the sample have more than one phase, i.e., multiphase?		No			
-	s, does the COC specify which phase(s) is to be analyzed	a:	NA			
-	ract Laboratory					
28. Are s	amples required to get sent to a subcontract laboratory?		No NA			
	a subcontract laboratory specified by the client and if so					



Date

envirotech Inc.

Signature of client authorizing changes to the COC or sample disposition.





5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





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Practical Solutions for a Better Tomorrow

Analytical Report

WPX Energy - Carlsbad

Project Name: East Peo

East Pecos Federal 22-3H

Work Order: E408258

Job Number: 01058-0007

Received: 8/30/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/3/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 9/3/24

Ashley Giovengo 5315 Buena Vista Dr Carlsbad, NM 88220

Project Name: East Pecos Federal 22-3H Workorder: E408258 Date Received: 8/30/2024 5:00:00AM

Ashley Giovengo,



Page 259 of 419

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/30/2024 5:00:00AM, under the Project Name: East Pecos Federal 22-3H.

The analytical test results summarized in this report with the Project Name: East Pecos Federal 22-3H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com

Michelle Gonzales Client Representative Office: 505-421-LABS(5227) Cell: 505-947-8222 mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

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		Sumple Sum	illul y		
WPX Energy - Carlsbad		Project Name:	East Pecos Federal	22-3Н	Reported:
5315 Buena Vista Dr		Project Number:	01058-0007		Reporteu:
Carlsbad NM, 88220		Project Manager:	Ashley Giovengo		09/03/24 14:57
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW02 - 0-9'	E408258-01A	Solid	08/28/24	08/30/24	Glass Jar, 4 oz.
SW03 - 0-9'	E408258-02A	Solid	08/28/24	08/30/24	Glass Jar, 4 oz.
SW04 - 0-9'	E408258-03A	Solid	08/28/24	08/30/24	Glass Jar, 4 oz.
SW05 - 0-9'	E408258-04A	Solid	08/28/24	08/30/24	Glass Jar, 4 oz.
SW06 - 0-9'	E408258-05A	Solid	08/28/24	08/30/24	Glass Jar, 4 oz.
SW07 - 0-9'	E408258-06A	Solid	08/28/24	08/30/24	Glass Jar, 4 oz.



		impic D					
WPX Energy - Carlsbad 5315 Buena Vista Dr	Project Name: Project Numbe		Pecos Fede 58-0007	eral 22-31	ł		Reported:
Carlsbad NM, 88220	Project Manage	er: Ash	ley Gioveng	go			9/3/2024 2:57:51PM
	S	W02 - 0-9'					
]	E408258-01					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: R	KS		Batch: 2435112
Benzene	ND	0.0250	1	l	08/30/24	08/30/24	
Ethylbenzene	ND	0.0250	1	l	08/30/24	08/30/24	
Toluene	ND	0.0250	1	l	08/30/24	08/30/24	
o-Xylene	ND	0.0250	1	l	08/30/24	08/30/24	
o,m-Xylene	ND	0.0500	1	l	08/30/24	08/30/24	
Total Xylenes	ND	0.0250	1	l	08/30/24	08/30/24	
Surrogate: Bromofluorobenzene		102 %	70-130		08/30/24	08/30/24	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130		08/30/24	08/30/24	
urrogate: Toluene-d8		96.5 %	70-130		08/30/24	08/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: R	KS		Batch: 2435112
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	08/30/24	08/30/24	
Surrogate: Bromofluorobenzene		102 %	70-130		08/30/24	08/30/24	
urrogate: 1,2-Dichloroethane-d4	-	94.7 %	70-130		08/30/24	08/30/24	
urrogate: Toluene-d8		96.5 %	70-130		08/30/24	08/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORC	mg/kg	mg/kg		Analyst: N	V		Batch: 2435111
Diesel Range Organics (C10-C28)	ND	25.0	1	l	08/30/24	08/30/24	
Dil Range Organics (C28-C36)	ND	50.0	1	l	08/30/24	08/30/24	
urrogate: n-Nonane		71.9 %	50-200		08/30/24	08/30/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: D	Т		Batch: 2435122
Chloride	35.2	20.0	1	l	08/30/24	08/30/24	





Sample Data

		mpic D					
WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Project Numbe Project Manage	r: 010	Pecos Feo 58-0007 ley Giover		3Н		Reported: 9/3/2024 2:57:51PM
		W03 - 0-9'		0			
		E408258-02					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2435112
Benzene	ND	0.0250		1	08/30/24	08/30/24	
Ethylbenzene	ND	0.0250		1	08/30/24	08/30/24	
Toluene	ND	0.0250		1	08/30/24	08/30/24	
o-Xylene	ND	0.0250		1	08/30/24	08/30/24	
o,m-Xylene	ND	0.0500		1	08/30/24	08/30/24	
Fotal Xylenes	ND	0.0250		1	08/30/24	08/30/24	
Surrogate: Bromofluorobenzene		99.4 %	70-130		08/30/24	08/30/24	
Surrogate: 1,2-Dichloroethane-d4		99.8 %	70-130		08/30/24	08/30/24	
Surrogate: Toluene-d8		95.1 %	70-130		08/30/24	08/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2435112
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/30/24	08/30/24	
Surrogate: Bromofluorobenzene		99.4 %	70-130		08/30/24	08/30/24	
Surrogate: 1,2-Dichloroethane-d4		99.8 %	70-130		08/30/24	08/30/24	
Surrogate: Toluene-d8		95.1 %	70-130		08/30/24	08/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: NV		Batch: 2435111
Diesel Range Organics (C10-C28)	ND	25.0		1	08/30/24	08/30/24	
Dil Range Organics (C28-C36)	ND	50.0		1	08/30/24	08/30/24	
Surrogate: n-Nonane		72.0 %	50-200		08/30/24	08/30/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2435122
Chloride	311	20.0		1	08/30/24	08/30/24	



Sample Data

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WPX Energy - Carlsbad 5315 Buena Vista Dr	Project Name: Project Numbe	r: 010	Pecos Feo 58-0007		3Н		Reported:
Carlsbad NM, 88220	Project Manage	er: Ash	ley Giover	ıgo			9/3/2024 2:57:51PM
	S	W04 - 0-9'					
]	E408258-03					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2435112
Benzene	ND	0.0250		1	08/30/24	08/30/24	
Ethylbenzene	ND	0.0250		1	08/30/24	08/30/24	
Toluene	ND	0.0250		1	08/30/24	08/30/24	
p-Xylene	ND	0.0250		1	08/30/24	08/30/24	
o,m-Xylene	ND	0.0500		1	08/30/24	08/30/24	
Fotal Xylenes	ND	0.0250		1	08/30/24	08/30/24	
Surrogate: Bromofluorobenzene		99.6 %	70-130		08/30/24	08/30/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		08/30/24	08/30/24	
Surrogate: Toluene-d8		95.2 %	70-130		08/30/24	08/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2435112
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/30/24	08/30/24	
Surrogate: Bromofluorobenzene		99.6 %	70-130		08/30/24	08/30/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		08/30/24	08/30/24	
Surrogate: Toluene-d8		95.2 %	70-130		08/30/24	08/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2435111
Diesel Range Organics (C10-C28)	ND	25.0		1	08/30/24	08/30/24	
Dil Range Organics (C28-C36)	ND	50.0		1	08/30/24	08/30/24	
Surrogate: n-Nonane		75.2 %	50-200		08/30/24	08/30/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: DT		Batch: 2435122
Chloride	374	20.0		1	08/30/24	08/30/24	



	~•	impic D					
WPX Energy - Carlsbad	Project Name:	East	Pecos Fee	leral 22-	3Н		
5315 Buena Vista Dr	Project Numbe	er: 010:	58-0007				Reported:
Carlsbad NM, 88220	Project Manag	er: Ash	ley Giover	ngo			9/3/2024 2:57:51PM
	5	SW05 - 0-9'					
		E408258-04					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2435112
Benzene	ND	0.0250		1	08/30/24	08/30/24	
thylbenzene	ND	0.0250		1	08/30/24	08/30/24	
Toluene	ND	0.0250		1	08/30/24	08/30/24	
-Xylene	ND	0.0250		1	08/30/24	08/30/24	
,m-Xylene	ND	0.0500		1	08/30/24	08/30/24	
otal Xylenes	ND	0.0250		1	08/30/24	08/30/24	
urrogate: Bromofluorobenzene		102 %	70-130		08/30/24	08/30/24	
urrogate: 1,2-Dichloroethane-d4		94.4 %	70-130		08/30/24	08/30/24	
urrogate: Toluene-d8		95.8 %	70-130		08/30/24	08/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2435112
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/30/24	08/30/24	
urrogate: Bromofluorobenzene		102 %	70-130		08/30/24	08/30/24	
urrogate: 1,2-Dichloroethane-d4		94.4 %	70-130		08/30/24	08/30/24	
urrogate: Toluene-d8		95.8 %	70-130		08/30/24	08/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2435111
Diesel Range Organics (C10-C28)	ND	25.0		1	08/30/24	08/30/24	
Dil Range Organics (C28-C36)	ND	50.0		1	08/30/24	08/30/24	
urrogate: n-Nonane		73.5 %	50-200		08/30/24	08/30/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2435122
Chloride	140	20.0		1	08/30/24	08/30/24	



		mpic D					
WPX Energy - Carlsbad	Project Name:		Pecos Fed	leral 22-	3Н		
5315 Buena Vista Dr	Project Numbe		58-0007				Reported:
Carlsbad NM, 88220	Project Manage	er: Ash	ley Giover	igo			9/3/2024 2:57:51PM
	S	6W06 - 0-9'					
]	E408258-05					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2435112
Benzene	ND	0.0250		1	08/30/24	08/30/24	
Ethylbenzene	ND	0.0250		1	08/30/24	08/30/24	
Toluene	ND	0.0250		1	08/30/24	08/30/24	
p-Xylene	ND	0.0250		1	08/30/24	08/30/24	
o,m-Xylene	ND	0.0500		1	08/30/24	08/30/24	
Total Xylenes	ND	0.0250		1	08/30/24	08/30/24	
Surrogate: Bromofluorobenzene		101 %	70-130		08/30/24	08/30/24	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130		08/30/24	08/30/24	
Surrogate: Toluene-d8		95.5 %	70-130		08/30/24	08/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2435112
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/30/24	08/30/24	
Surrogate: Bromofluorobenzene		101 %	70-130		08/30/24	08/30/24	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130		08/30/24	08/30/24	
Surrogate: Toluene-d8		95.5 %	70-130		08/30/24	08/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2435111
Diesel Range Organics (C10-C28)	ND	25.0		1	08/30/24	08/30/24	
Dil Range Organics (C28-C36)	ND	50.0		1	08/30/24	08/30/24	
Surrogate: n-Nonane		71.3 %	50-200		08/30/24	08/30/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2435122
Chloride	276	20.0		1	08/30/24	08/30/24	



	~••	mpic D					
WPX Energy - Carlsbad 5315 Buena Vista Dr	Project Name: Project Numbe		Pecos Fed 58-0007	leral 22-3	3Н		Reported:
Carlsbad NM, 88220	Project Manag		ley Gioven	igo			9/3/2024 2:57:51PM
		5W07 - 0-9'	-				
		E408258-06					
	D I	Reporting	51		D 1		NT .
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2435112
Benzene	ND	0.0250		1	08/30/24	08/30/24	
Ethylbenzene	ND	0.0250		1	08/30/24	08/30/24	
Toluene	ND	0.0250		1	08/30/24	08/30/24	
o-Xylene	ND	0.0250		1	08/30/24	08/30/24	
p,m-Xylene	ND	0.0500		1	08/30/24	08/30/24	
Total Xylenes	ND	0.0250		1	08/30/24	08/30/24	
Surrogate: Bromofluorobenzene		100 %	70-130		08/30/24	08/30/24	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130		08/30/24	08/30/24	
Surrogate: Toluene-d8		95.9 %	70-130		08/30/24	08/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2435112
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/30/24	08/30/24	
Surrogate: Bromofluorobenzene		100 %	70-130		08/30/24	08/30/24	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130		08/30/24	08/30/24	
Surrogate: Toluene-d8		95.9 %	70-130		08/30/24	08/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2435111
Diesel Range Organics (C10-C28)	ND	25.0		1	08/30/24	08/31/24	
Oil Range Organics (C28-C36)	ND	50.0		1	08/30/24	08/31/24	
Surrogate: n-Nonane		68.8 %	50-200		08/30/24	08/31/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2435122
Chloride	488	20.0		1	08/30/24	08/30/24	



QC Summary Data

WPX Energy - Carlsbad		Project Name:		st Pecos Fede	eral 22-3H				Reported:
5315 Buena Vista Dr		Project Number:		058-0007					0/0/0004 0 55 51004
Carlsbad NM, 88220		Project Manager:	As	hley Gioveng	30				9/3/2024 2:57:51PM
		Volatile Organic	Analyst: RKS						
Analyte		Reporting	Spike	Source		Rec		RPD	
5	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2435112-BLK1)							Prepared: 0	8/30/24 An	alyzed: 08/30/24
Benzene	ND	0.0250							-
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.4	70-130			
Surrogate: Toluene-d8	0.486		0.500		97.1	70-130			
LCS (2435112-BS1)							Prepared: 0	8/30/24 An	alyzed: 08/30/24
Benzene	2.26	0.0250	2.50		90.5	70-130	1		5
Ethylbenzene	2.34	0.0250	2.50		93.5	70-130			
Toluene	2.19	0.0250	2.50		87.7	70-130			
p-Xylene	2.34	0.0250	2.50		93.8	70-130			
	4.68		5.00		93.7	70-130			
p,m-Xylene	7.03	0.0500 0.0250	7.50		93.7	70-130			
Total Xylenes Surrogate: Bromofluorobenzene	0.515	0.0250	0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.465		0.500		93.0	70-130			
Surrogate: 1,2-Diemoroeinane-u4 Surrogate: Toluene-d8	0.493		0.500		98.5	70-130			
Matrix Spike (2435112-MS1)				Source	E408259-	05	Prepared: 0	8/30/24 Ar	alyzed: 08/30/24
• • •	2.12	0.0250	2.50	ND	84.8	48-131	Trepurea. o	0/00/2111	ury200. 00/30/21
Benzene	2.12	0.0250	2.50	ND	84.8 85.9	48-131			
Ethylbenzene	2.15	0.0250				45-135 48-130			
Toluene		0.0250	2.50	ND ND	80.7				
o-Xylene	2.12	0.0250	2.50		84.8	43-135			
p,m-Xylene	4.24	0.0500	5.00	ND	84.7 84.8	43-135			
Total Xylenes	6.36	0.0250	7.50	ND	84.8	43-135			
Surrogate: Bromofluorobenzene	0.500		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.2	70-130			
Surrogate: Toluene-d8	0.482		0.500		96.4	70-130			
Matrix Spike Dup (2435112-MSD1)					E408259-		-		alyzed: 08/30/24
Benzene	2.17	0.0250	2.50	ND	86.9	48-131	2.42	23	
Ethylbenzene	2.21	0.0250	2.50	ND	88.6	45-135	3.05	27	
Toluene	2.06	0.0250	2.50	ND	82.2	48-130	1.84	24	
o-Xylene	2.23	0.0250	2.50	ND	89.1	43-135	4.94	27	
p,m-Xylene	4.44	0.0500	5.00	ND	88.9	43-135	4.77	27	
Total Xylenes	6.67	0.0250	7.50	ND	88.9	43-135	4.83	27	
Surrogate: Bromofluorobenzene	0.514		0.500		103	70-130			
	0.450		0.500		05.0	70 120			
Surrogate: 1,2-Dichloroethane-d4	0.479		0.500		95.8	70-130			



QC Summary Data

		QC DI		ary Date					
WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	(East Pecos Fede 01058-0007 Ashley Gioveng					Reported: 9/3/2024 2:57:51PM
	No	onhalogenated O	rganics	s by EPA 80	15D - GI	RO			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2435112-BLK1)							Prepared: 0	08/30/24 A	Analyzed: 08/30/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.4	70-130			
Surrogate: Toluene-d8	0.486		0.500		97.1	70-130			
LCS (2435112-BS2)							Prepared: 0	8/30/24 A	Analyzed: 08/30/24
Gasoline Range Organics (C6-C10)	41.0	20.0	50.0		82.1	70-130			
Surrogate: Bromofluorobenzene	0.517		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.4	70-130			
Surrogate: Toluene-d8	0.490		0.500		98.0	70-130			
Matrix Spike (2435112-MS2)				Source:	E408259-()5	Prepared: 0	8/30/24 A	Analyzed: 08/30/24
Gasoline Range Organics (C6-C10)	42.0	20.0	50.0	ND	84.1	70-130			
Surrogate: Bromofluorobenzene	0.522		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130			
Surrogate: Toluene-d8	0.496		0.500		99.2	70-130			
Matrix Spike Dup (2435112-MSD2)				Source:	E408259-()5	Prepared: 0	8/30/24 A	Analyzed: 08/30/24
Gasoline Range Organics (C6-C10)	41.8	20.0	50.0	ND	83.7	70-130	0.426	20	
Surrogate: Bromofluorobenzene	0.507		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.3	70-130			
Surrogate: Toluene-d8	0.488		0.500		97.6	70-130			



QC Summary Data

		$\mathbf{v} \mathbf{v} \mathbf{v}$		ary Dau	•				
WPX Energy - Carlsbad 5315 Buena Vista Dr		Project Name: Project Number:		East Pecos Fede)1058-0007	ral 22-3H				Reported:
Carlsbad NM, 88220		Project Manager:	A	Ashley Gioveng	0				9/3/2024 2:57:51PM
	Nonha	alogenated Org	anics by	y EPA 8015D	- DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2435111-BLK1)							Prepared: 0	8/30/24 A	analyzed: 08/30/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	34.7		50.0		69.5	50-200			
LCS (2435111-BS1)							Prepared: 0	8/30/24 A	analyzed: 08/30/24
Diesel Range Organics (C10-C28)	190	25.0	250		76.0	38-132			
Surrogate: n-Nonane	35.0		50.0		69.9	50-200			
Matrix Spike (2435111-MS1)				Source:	E408258-	04	Prepared: 0	8/30/24 A	analyzed: 08/30/24
Diesel Range Organics (C10-C28)	187	25.0	250	ND	74.6	38-132			
Surrogate: n-Nonane	35.7		50.0		71.4	50-200			
Matrix Spike Dup (2435111-MSD1)				Source:	E408258-	04	Prepared: 0	8/30/24 A	analyzed: 08/30/24
Diesel Range Organics (C10-C28)	192	25.0	250	ND	76.9	38-132	2.96	20	
Surrogate: n-Nonane	37.4		50.0		74.9	50-200			



QC Summary Data

		• • •	-						
WPX Energy - Carlsbad		Project Name:		East Pecos Fede	eral 22-3H				Reported:
5315 Buena Vista Dr		Project Number:		01058-0007					•
Carlsbad NM, 88220		Project Manager	:	Ashley Gioveng	go				9/3/2024 2:57:51PM
		Anions	by EPA	300.0/9056	١				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2435122-BLK1)							Prepared: 0	8/30/24 A	nalyzed: 08/30/24
Chloride	ND	20.0							
LCS (2435122-BS1)							Prepared: 0	8/30/24 A	nalyzed: 08/30/24
Chloride	251	20.0	250		101	90-110			
Matrix Spike (2435122-MS1)				Source:	E408258-0	3	Prepared: 0	8/30/24 A	nalyzed: 08/30/24
Chloride	588	20.0	250	374	85.3	80-120			
Matrix Spike Dup (2435122-MSD1)				Source:	E408258-0	3	Prepared: 0	8/30/24 A	nalyzed: 08/30/24
Chloride	552	20.0	250	374	70.9	80-120	6.31	20	M2

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



WPX Energy - Carlsbad	Project Name:	East Pecos Federal 22-3H	
5315 Buena Vista Dr	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	09/03/24 14:57

M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



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roject:	East Pecos F	ederal 22	2-3H			dress: 5315 Buena Vista Dr		EL	108	258	3 1	010	58-1	000		X		X		
	hanager: Ast					y, State, Zip: Carlsbad NM, 8	3220	_	-											
	3122 Nation			1	Pho	ne: (575)689-7597	1					Ana	lysis	and M	Aetho	d			PA Progra	-
	e, Zip: Carlst		88220		Em	ail: jim.raley@dvn.com												SDWA	CWA	RCRA
	575-988-0055				Misc	ellaneous: Jim Raley														1
mail: a	giovengo@er	nsolum.co	om				-		8015	8015								Complian	ce Y	or N
				Completed	formatio				by 8	by 8	021	560	300.0	MN	X1-			PWSID #		
Time			[Sample Int	Tormatio		10	lah	ORO	DRO	by 8	by 8.	ide		1005				Remarks	
Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Fiel	Lab Lab	DRO/ORO by	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX					
10:23	8/28/2024	Sd	1		S	W02 - 0-9'		1						x						
10:28	8/28/2024	Sd	1		S	W03 - 0-9'		2						x						
10:29	8/28/2024	Sd	1		S	W04 - 0-9'		3						x						
10:32	8/28/2024	Sd	1		S	W05 - 0-9'		4						x						
10:36	8/28/2024	Sd	1		S	W06 - 0-9'	1	5						x						
10:38	8/28/2024	Sd	1		S	W07 - 0-9'		6						x						
				_																
																	1			
		2																		
			se CC: cbu	rton@ensolun	n.com, ag	giovengo@ensolum.com, jim	.raley@	dvn.com	, iest	rella(@ens	olum	n.com	, bde	al@e	nsolum,	chamilt	ton@ensc	olum.com	6
(field sam)			d authenticity o	of this sample. I am	aware that t	ampering with or intentionally mislabeli	ng the sa	mple location	, date c	or time	of colle	ction i	is consi	dered f	raud and	l may be g	rounds for	legal action.		
	ed by: (Signatur	e)	Date	29/29 Time	30	Réceived/by: (Signature)	S Date	29.24	Time	730								ust be received g temp above 0		
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	rix: S - Soil, Sd - So							ntainer Typ					astic,	ag - a	mber (glass, v -				
Note: Sam	ples are discard	ed 14 days	after results	are reported unle	ss other an	rangements are made. Hazardous sa	mples w	ill be return	ed to c	lient o	or dispo	osed o	of at th	e clier	nt exper	nse. The r	eport for t	the analysis	of the abov	e samples
pplicable	only to those sa	imples rece	eived by the l	aboratory with thi	is COC. The	liability of the laboratory is limited t	the an	nount paid fo	or on t	ne rep	ort.							ro		

Received by OCD: 10/30/2024 7:27:18 AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Client:	WPX Energy - Carlsbad Da	ate Received:	08/30/24 05:0	0	Work Order ID:	E408258
Phone:	(539) 573-4018 Da	ate Logged In:	08/29/24 16:0	4	Logged In By:	Noe Soto
Email:		ue Date:		00 (1 day TAT)		
Chain of	f Custody (COC)					
1. Does t	the sample ID match the COC?		Yes			
2. Does t	the number of samples per sampling site location match	the COC	Yes			
3. Were s	samples dropped off by client or carrier?		Yes	Carrier: Courier		
4. Was th	ne COC complete, i.e., signatures, dates/times, requested	l analyses?	Yes			
5. Were a	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes		Commen	ts/Resolution
Sample '	<u>Turn Around Time (TAT)</u>					
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample	<u>Cooler</u>					
7. Was a	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	ne sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
	s, were custody/security seals intact?		NA			
-	he sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are re		Yes			
13 Ifno	minutes of sampling visible ice, record the temperature. Actual sample ter	nnerature [,] 4º	C			
		nperature. <u>1</u>	<u>c</u>			
	Container_ aqueous VOC samples present?		No			
	VOC samples collected in VOA Vials?		NA			
	e head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?		NA			
	non-VOC samples collected in the correct containers?		Yes			
	appropriate volume/weight or number of sample containers	collected?	Yes			
Field La						
	field sample labels filled out with the minimum inform	ation:				
	Sample ID?		Yes			
Ι	Date/Time Collected?		Yes			
	Collectors name?		Yes			
	Preservation					
	the COC or field labels indicate the samples were prese	erved?	No			
	sample(s) correctly preserved?	1.0	NA			
	o filteration required and/or requested for dissolved meta	us?	No			
	ase Sample Matrix					
	the sample have more than one phase, i.e., multiphase?		No			
27. If yes	s, does the COC specify which phase(s) is to be analyzed	d?	NA			
	ract Laboratory					
	samples required to get sent to a subcontract laboratory?		No			
	a subcontract laboratory specified by the client and if so		NA Su			

B

Date

envirotech Inc.

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Signature of client authorizing changes to the COC or sample disposition.





5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





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Practical Solutions for a Better Tomorrow

Analytical Report

WPX Energy - Carlsbad

Project Name: East

East Pecos Federal 22-3H

Work Order: E408269

Job Number: 01058-007

Received: 8/30/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/6/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 9/6/24

Ashley Giovengo 5315 Buena Vista Dr Carlsbad, NM 88220

Project Name: East Pecos Federal 22-3H Workorder: E408269 Date Received: 8/30/2024 5:00:00AM

Ashley Giovengo,



Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/30/2024 5:00:00AM, under the Project Name: East Pecos Federal 22-3H.

The analytical test results summarized in this report with the Project Name: East Pecos Federal 22-3H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com

Michelle Gonzales Client Representative Office: 505-421-LABS(5227) Cell: 505-947-8222 mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

		Sample Sum	mai y		
WPX Energy - Carlsbad		Project Name:	East Pecos Federal	22-3Н	Departed
5315 Buena Vista Dr		Project Number:	01058-007		Reported:
Carlsbad NM, 88220		Project Manager:	Ashley Giovengo		09/06/24 08:08
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW08-0-9'	E408269-01A	Soil	08/28/24	08/30/24	Glass Jar, 2 oz.
SW09-0-9'	E408269-02A	Soil	08/28/24	08/30/24	Glass Jar, 2 oz.
SW10-09'	E408269-03A	Soil	08/28/24	08/30/24	Glass Jar, 2 oz.



		mpic D				
WPX Energy - Carlsbad	Project Name:	East	Pecos Federa	al 22-3H		
5315 Buena Vista Dr	Project Numbe	r: 0103	58-007			Reported:
Carlsbad NM, 88220	Project Manage	er: Ash	ley Giovengo	9/6/2024 8:08:52AM		
	Ś	SW08-0-9'				
]	E408269-01				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: BA		Batch: 2435115
Benzene	ND	0.0250	1	08/30/24	09/04/24	
Ethylbenzene	ND	0.0250	1	08/30/24	09/04/24	
Toluene	ND	0.0250	1	08/30/24	09/04/24	
p-Xylene	ND	0.0250	1	08/30/24	09/04/24	
o,m-Xylene	ND	0.0500	1	08/30/24	09/04/24	
Total Xylenes	ND	0.0250	1	08/30/24	09/04/24	
Surrogate: Bromofluorobenzene		92.0 %	70-130	08/30/24	09/04/24	
Surrogate: 1,2-Dichloroethane-d4		90.7 %	70-130	08/30/24	09/04/24	
Surrogate: Toluene-d8		100 %	70-130	08/30/24	09/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: BA		Batch: 2435115
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/30/24	09/04/24	
Surrogate: Bromofluorobenzene		92.0 %	70-130	08/30/24	09/04/24	
Surrogate: 1,2-Dichloroethane-d4	-	90.7 %	70-130	08/30/24	09/04/24	
Surrogate: Toluene-d8		100 %	70-130	08/30/24	09/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/OR) mg/kg	mg/kg	A	nalyst: NV		Batch: 2435117
Diesel Range Organics (C10-C28)	ND	25.0	1	08/30/24	09/02/24	
Dil Range Organics (C28-C36)	ND	50.0	1	08/30/24	09/02/24	
Surrogate: n-Nonane		93.5 %	50-200	08/30/24	09/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: IY		Batch: 2435123
Chloride	229	20.0	1	08/30/24	08/31/24	





		imple D					
WPX Energy - Carlsbad	Project Name:	East	Pecos Fee	leral 22-	3Н		
5315 Buena Vista Dr	Project Numbe	r: 0103	58-007				Reported:
Carlsbad NM, 88220	Project Manage	er: Ash	ley Giover	9/6/2024 8:08:52AN			
	ļ	SW09-0-9'					
]	E408269-02					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2435115
Benzene	ND	0.0250		1	08/30/24	09/04/24	
Ethylbenzene	ND	0.0250		1	08/30/24	09/04/24	
Toluene	ND	0.0250		1	08/30/24	09/04/24	
p-Xylene	ND	0.0250		1	08/30/24	09/04/24	
o,m-Xylene	ND	0.0500		1	08/30/24	09/04/24	
Fotal Xylenes	ND	0.0250		1	08/30/24	09/04/24	
Surrogate: Bromofluorobenzene		93.9 %	70-130		08/30/24	09/04/24	
Surrogate: 1,2-Dichloroethane-d4		91.3 %	70-130		08/30/24	09/04/24	
Surrogate: Toluene-d8		104 %	70-130		08/30/24	09/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	BA		Batch: 2435115
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/30/24	09/04/24	
Surrogate: Bromofluorobenzene		93.9 %	70-130		08/30/24	09/04/24	
Surrogate: 1,2-Dichloroethane-d4		91.3 %	70-130		08/30/24	09/04/24	
Surrogate: Toluene-d8		104 %	70-130		08/30/24	09/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2435117
Diesel Range Organics (C10-C28)	ND	25.0		1	08/30/24	09/02/24	
Dil Range Organics (C28-C36)	ND	50.0		1	08/30/24	09/02/24	
Surrogate: n-Nonane		87.5 %	50-200		08/30/24	09/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: IY		Batch: 2435123
Chloride	65.2	20.0		1	08/30/24	08/31/24	



	~•	mpic D					
WPX Energy - Carlsbad	Project Name:	East	Pecos Fee	leral 22-	3Н		
5315 Buena Vista Dr	Project Numbe	r: 0103	58-007				Reported:
Carlsbad NM, 88220	Project Manage	er: Ash	ey Giover	9/6/2024 8:08:52AM			
		SW10-09'					
]	E408269-03					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2435115
Benzene	ND	0.0250		1	08/30/24	09/04/24	
Ethylbenzene	ND	0.0250		1	08/30/24	09/04/24	
Toluene	ND	0.0250		1	08/30/24	09/04/24	
-Xylene	ND	0.0250		1	08/30/24	09/04/24	
o,m-Xylene	ND	0.0500		1	08/30/24	09/04/24	
Total Xylenes	ND	0.0250		1	08/30/24	09/04/24	
Surrogate: Bromofluorobenzene		93.8 %	70-130		08/30/24	09/04/24	
Surrogate: 1,2-Dichloroethane-d4		93.7 %	70-130		08/30/24	09/04/24	
urrogate: Toluene-d8		101 %	70-130		08/30/24	09/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2435115
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/30/24	09/04/24	
Surrogate: Bromofluorobenzene		93.8 %	70-130		08/30/24	09/04/24	
Surrogate: 1,2-Dichloroethane-d4		93.7 %	70-130		08/30/24	09/04/24	
urrogate: Toluene-d8		101 %	70-130		08/30/24	09/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2435117
Diesel Range Organics (C10-C28)	ND	25.0		1	08/30/24	09/02/24	
Dil Range Organics (C28-C36)	ND	50.0		1	08/30/24	09/02/24	
urrogate: n-Nonane		91.4 %	50-200		08/30/24	09/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2435123
Chloride	210	40.0		2	08/30/24	08/31/24	



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr		Project Name: Project Number:		st Pecos Fede 058-007	eral 22-3H				Reported:
Carlsbad NM, 88220		Project Manager:		hley Gioveng	0				9/6/2024 8:08:52AM
		Volatile Organic)			
		Analyst: BA							
Analyte	D k	Reporting Limit	Spike Level	Source Result	D	Rec Limits	RPD	RPD Limit	
	Result mg/kg	mg/kg	mg/kg	mg/kg	Rec %	%	%	%	Notes
	mg/kg	iiig/kg	ilig/kg	mg/kg	70	70	70	70	Indies
Blank (2435115-BLK1)							Prepared: 0	8/30/24 Ar	nalyzed: 09/03/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.486		0.500		97.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.467		0.500		93.3	70-130			
Surrogate: Toluene-d8	0.518		0.500		104	70-130			
LCS (2435115-BS1)							Prenared: 0	8/30/24 Ar	nalyzed: 09/03/24
· · · · ·	2.33	0.0250	2.50		93.3	70-130	Trepurea. o	0/0/21 71	lary200. 09/09/21
Benzene	2.33	0.0250	2.50		93.3 94.8	70-130			
Ethylbenzene		0.0250							
Toluene	2.52	0.0250	2.50		101	70-130			
p-Xylene	2.51	0.0250	2.50		100	70-130			
o,m-Xylene	5.06	0.0500	5.00		101	70-130			
Total Xylenes	7.57	0.0250	7.50		101	70-130			
Surrogate: Bromofluorobenzene	0.486		0.500		97.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.473		0.500		94.6	70-130			
Surrogate: Toluene-d8	0.518		0.500		104	70-130			
Matrix Spike (2435115-MS1)					E408264-		Prepared: 0	8/30/24 Ar	nalyzed: 09/03/24
Benzene	2.36	0.0250	2.50	ND	94.5	48-131			
Ethylbenzene	2.38	0.0250	2.50	ND	95.1	45-135			
Toluene	2.52	0.0250	2.50	ND	101	48-130			
o-Xylene	2.54	0.0250	2.50	ND	102	43-135			
p,m-Xylene	5.10	0.0500	5.00	ND	102	43-135			
Total Xylenes	7.64	0.0250	7.50	ND	102	43-135			
Surrogate: Bromofluorobenzene	0.493		0.500		98.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.7	70-130			
Surrogate: Toluene-d8	0.511		0.500		102	70-130			
Matrix Spike Dup (2435115-MSD1)				Source:	E408264-(01	Prepared: 0	8/30/24 Ar	alyzed: 09/03/24
Benzene	2.25	0.0250	2.50	ND	89.9	48-131	5.01	23	
Ethylbenzene	2.27	0.0250	2.50	ND	90.8	45-135	4.54	27	
Toluene	2.41	0.0250	2.50	ND	96.5	48-130	4.28	24	
p-Xylene	2.50	0.0250	2.50	ND	100	43-135	1.45	27	
	4.98	0.0230	5.00	ND	99.5	43-135	2.42	27	
o,m-Xylene	4.98 7.48	0.0500	5.00 7.50	ND	99.3 99.7	43-135	2.42	27	
Total Xylenes		0.0250	0.500	ND	99.7	70-130	2.10	21	
Surrogate: Bromofluorobenzene	0.496		0.500		99.2 95.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		7J.4	/0-150			
Surrogate: Toluene-d8	0.515		0.500		103	70-130			



QC Summary Data

		QC D			a						
WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220		Project Name: Project Number: Project Manager:		East Pecos Fede 01058-007 Ashley Gioveng					Reported: 9/6/2024 8:08:52AM		
	Nonhalogenated Organics by EPA 8015D - GRO								Analyst: BA		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2435115-BLK1)							Prepared: 0	8/30/24 <i>A</i>	Analyzed: 09/03/24		
Gasoline Range Organics (C6-C10)	ND	20.0									
Surrogate: Bromofluorobenzene	0.486		0.500		97.1	70-130					
Surrogate: 1,2-Dichloroethane-d4	0.467		0.500		93.3	70-130					
Surrogate: Toluene-d8	0.518		0.500		104	70-130					
LCS (2435115-BS2)							Prepared: 0	8/30/24 A	Analyzed: 09/03/24		
Gasoline Range Organics (C6-C10)	39.7	20.0	50.0		79.4	70-130					
Surrogate: Bromofluorobenzene	0.490		0.500		97.9	70-130					
Surrogate: 1,2-Dichloroethane-d4	0.463		0.500		92.5	70-130					
Surrogate: Toluene-d8	0.525		0.500		105	70-130					
Matrix Spike (2435115-MS2)				Source:	E408264-01	_	Prepared: 0	8/30/24 A	Analyzed: 09/03/24		
Gasoline Range Organics (C6-C10)	39.2	20.0	50.0	ND	78.4	70-130					
Surrogate: Bromofluorobenzene	0.488		0.500		97.6	70-130					
Surrogate: 1,2-Dichloroethane-d4	0.464		0.500		92.7	70-130					
Surrogate: Toluene-d8	0.524		0.500		105	70-130					
Matrix Spike Dup (2435115-MSD2)				Source:	E408264-01	_	Prepared: 0	8/30/24 A	Analyzed: 09/03/24		
Gasoline Range Organics (C6-C10)	38.5	20.0	50.0	ND	77.1	70-130	1.74	20			
Surrogate: Bromofluorobenzene	0.490		0.500		98.0	70-130					
Surrogate: 1,2-Dichloroethane-d4	0.467		0.500		93.3	70-130					
Surrogate: Toluene-d8	0.525		0.500		105	70-130					



QC Summary Data

		QU N	ummin	ary Data					
WPX Energy - Carlsbad 5315 Buena Vista Dr		Project Name: Project Number:		East Pecos Fede 1058-007	eral 22-3H				Reported:
Carlsbad NM, 88220		Project Manager:	: A	Ashley Gioveng	go				9/6/2024 8:08:52AM
	Nonha	logenated Org	anics by	EPA 8015E) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2435117-BLK1)							Prepared: 0	8/30/24 A	nalyzed: 09/01/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.2		50.0		96.5	50-200			
LCS (2435117-BS1)							Prepared: 0	8/30/24 A	analyzed: 09/01/24
Diesel Range Organics (C10-C28)	230	25.0	250		92.0	38-132			
Surrogate: n-Nonane	48.2		50.0		96.4	50-200			
Matrix Spike (2435117-MS1)				Source:	E408260-	02	Prepared: 0	8/30/24 A	analyzed: 09/01/24
Diesel Range Organics (C10-C28)	233	25.0	250	ND	93.4	38-132			
Surrogate: n-Nonane	46.8		50.0		93.7	50-200			
Matrix Spike Dup (2435117-MSD1)				Source:	E408260-	02	Prepared: 0	8/30/24 A	analyzed: 09/01/24
Diesel Range Organics (C10-C28)	236	25.0	250	ND	94.4	38-132	1.11	20	
Surrogate: n-Nonane	48.7		50.0		97.4	50-200			



QC Summary Data

		L	-						
WPX Energy - Carlsbad		Project Name:		East Pecos Fede	eral 22-3H				Reported:
5315 Buena Vista Dr		Project Number	:	01058-007					
Carlsbad NM, 88220		Project Manager	r:	Ashley Gioveng	go				9/6/2024 8:08:52AM
		Anions	by EPA	300.0/9056	١				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2435123-BLK1)							Prepared: 0	8/30/24 A	Analyzed: 08/31/24
Chloride	ND	20.0							
LCS (2435123-BS1)							Prepared: 0	8/30/24 A	Analyzed: 08/31/24
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2435123-MS1)				Source:	E408260-0	3	Prepared: 0	8/30/24 A	Analyzed: 08/31/24
Chloride	253	20.0	250	ND	101	80-120			
Matrix Spike Dup (2435123-MSD1)				Source:	E408260-0	3	Prepared: 0	8/30/24 A	Analyzed: 08/31/24
Chloride	253	20.0	250	ND	101	80-120	0.0119	20	

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Γ	WPX Energy - Carlsbad	Project Name:	East Pecos Federal 22-3H	
	5315 Buena Vista Dr	Project Number:	01058-007	Reported:
	Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	09/06/24 08:08

ND Analyte NOT DETECTED at or above the reporting	limit
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- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



	Clier	nt Inform	nation			Invoice Inform	nation				La	b Use	e On	ly			т	AT	State
lient: V	VPX Energy P	ermian, L	LC		C	Company: WPX Energy Permian, LL			Lab	Lab WO# Job Number				1D 2D	3D Std	NM CO UT TX			
	East Pecos Fe					Address: 5315 Buena Vista Dr					260	1	010	58-	000			x	x
roject N	Aanager: Ash	ley Giove	engo		Ci	ty, State, Zip: Carlsbad	NM, 882	20	_										
ddress:	3122 Nation	al Parks H	Hwy		Ph	one: (575)689-7597			_				Ana	lysis	and	Meth	od		EPA Program
ity, Stat	e, Zip: Carlst	ad NM, 8	88220		En	nail: jim.raley@dvn.co	m												SDWA CWA RCRA
	575-988-0055				Mis	cellaneous: Jim Raley													
mail: a	giovengo@er	solum.co	om							015	8015								Compliance Y or N
				Carrol						by 8	by 8	021	60	0.00	ž	¥L-	etals		PWSID #
				Sample	e Informatio	on		F 1	Fals	ORO	DRO	by 8(y 82	de 3	C - 1	1005	8 W		Remarks
Time iampled	Date Sampled	Matrix	No. of Containers			Sample ID		Field	Lab Number	DRO/ORO by 8015	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals		nemarks
9:08	8/28/2024	S	1		5	SW08 - 0-9'			1		_				x				
9:09	8/28/2024	S	1			SW09 - 0-9'			2						x				
9:10	8/28/2024	S	1		5	SW10 - 0-9'			2						x				
							1		-						-				
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d dist -		Dias		tan@ana	alum com c	agiovengo@ensolum.c	ana lina r		hun com	iort	rolla		alum		a hd		oncolur		on@onsolum.com
simmo	ns@ensolum	.com																	
	pler), attest to the :Cole Burton	validity and	l authenticity of	this sample.	I am aware that	tampering with or intentionall	mislabeling	the samp	le location	, date c	or time	of colle	ection i	is consi	dered	fraud a	nd may be	grounds for I	egal action.
elinquish	ed by: (Signatur M BUD	e) Ata	Date 8/2	9/24	me 7:30	Received by: (Signature)	roles	Date 8.2	9.24	Time	5730	2							ust be received on ice the day they are g temp above 0 but less than 6 °C on
elinguish	ed by: (Signatur	e) /	Date	Ti	me 1640	Received by: (Signature)	a	Date	29.20	Time	640	0			Rece	eived	on ice:	Lab U	se Only
	ed by: (Signatur		Date	Ti	2300	Received by: (Signature)	2111	Date	0.24	Time	500				T1			T2	T3
elinquish	ed by: (Signatur	e)	Date		me	Received by: (Signature)		Date	0 - 9	Time		-	1.			i Tem	n°c (1	
ample Ma	trix: S - Soil, Sd - S	olid. Sg - Sluc	dge. A - Aqueou	s. O - Other				Conta	ainer Typ	e: g -	glass,	p - pc	oly/pl		20	ambo	alace M	VOA	
lote: Sam	ples are discard	ed 14 days	after results a	re reported	unless other a	rrangements are made. Haz	ardous sam	ples will	be return	ed to d	lient o	or disp			ne clie	ent exp	ense. The	report for t	rotec
applicable	only to those sa	mples rece	ived by the lat	poratory wit	h this COC. Th	e liability of the laboratory is	limited to	the amo	unt paid f	or on t	he rep	ort.							

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Client:	WPX Energy - Carlsbad D	ate Received:	08/30/24	05:00	Work Order ID:	E408269
Phone:	(539) 573-4018 D	ate Logged In:	08/30/24	06:00	Logged In By:	Keyliegh Hall
Email:		ue Date:	09/06/24	17:00 (4 day TAT)		
Chain o	f Custody (COC)					
1. Does 1	the sample ID match the COC?		Yes			
2. Does t	the number of samples per sampling site location match	the COC	Yes			
3. Were	samples dropped off by client or carrier?		Yes	Carrier: Couier		
4. Was th	ne COC complete, i.e., signatures, dates/times, requested	analyses?	Yes			
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in th i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes		Commen	ts/Resolution
Sample '	<u>Turn Around Time (TAT)</u>					
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample	<u>Cooler</u>					
7. Was a	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	ne sample(s) received intact, i.e., not broken?		Yes			
10. Were	e custody/security seals present?		No			
	s, were custody/security seals intact?		NA			
-	he sample received on ice? If yes, the recorded temp is 4°C, i.e Note: Thermal preservation is not required, if samples are re		Yes			
13. If no	minutes of sampling visible ice, record the temperature. Actual sample tem		<u>C</u>			
Sample	Container	-				
	aqueous VOC samples present?		No			
	VOC samples collected in VOA Vials?		NA			
	e head space less than 6-8 mm (pea sized or less)?		NA			
17. Was	a trip blank (TB) included for VOC analyses?		NA			
	non-VOC samples collected in the correct containers?		Yes			
19. Is the	appropriate volume/weight or number of sample container	s collected?	Yes			
Field La	ibel					
	e field sample labels filled out with the minimum inform	ation:				
	Sample ID?		Yes			
	Date/Time Collected?		Yes	L		
	Collectors name?		Yes			
	Preservation	10	.			
	s the COC or field labels indicate the samples were prese	erved?	No			
	sample(s) correctly preserved?	-1-9	NA			
	o filteration required and/or requested for dissolved met	415 /	No			
	ase Sample Matrix					
	s the sample have more than one phase, i.e., multiphase?		No			
27. If ye	s, does the COC specify which phase(s) is to be analyze	d?	NA			
<u>Subcont</u>	ract Laboratory					
28. Are s	samples required to get sent to a subcontract laboratory?		No			

Signature of client authorizing changes to the COC or sample disposition.



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5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

WPX Energy - Carlsbad

Project Name: East Pecc

East Pecos Federal 22-3H

Work Order: E408285

Job Number: 01058-0007

Received: 9/4/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/10/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 9/10/24

Ashley Giovengo 5315 Buena Vista Dr Carlsbad, NM 88220

Project Name: East Pecos Federal 22-3H Workorder: E408285 Date Received: 9/4/2024 5:00:00AM

Ashley Giovengo,





Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/4/2024 5:00:00AM, under the Project Name: East Pecos Federal 22-3H.

The analytical test results summarized in this report with the Project Name: East Pecos Federal 22-3H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

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Sample Summary

		Sample Sum	mary			
WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	ista Dr Project Numb			umber: 01058-0007		
lient Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container	
W01 - 0-2'	E408285-01A	Solid	08/29/24	09/04/24	Glass Jar, 4 oz.	
W11 - 0-9'	E408285-02A	Solid	08/29/24	09/04/24	Glass Jar, 4 oz.	
W12 - 0-9'	E408285-03A	Solid	08/29/24	09/04/24	Glass Jar, 4 oz.	
W13 - 0-9'	E408285-04A	Solid	08/29/24	09/04/24	Glass Jar, 4 oz.	
W14 - 0-9'	E408285-05A	Solid	08/29/24	09/04/24	Glass Jar, 4 oz.	
W15 - 0-9'	E408285-06A	Solid	08/29/24	09/04/24	Glass Jar, 4 oz.	
W16 - 0-9'	E408285-07A	Soil	08/29/24	09/04/24	Glass Jar, 2 oz.	
W21 - 0-9'	E408285-08A	Soil	08/29/24	09/04/24	Glass Jar, 2 oz.	
W22 - 0-9'	E408285-09A	Soil	08/29/24	09/04/24	Glass Jar, 2 oz.	
W23 - 0-9'	E408285-10A	Soil	08/29/24	09/04/24	Glass Jar, 2 oz.	
W24 - 0-9'	E408285-11A	Solid	08/29/24	09/04/24	Glass Jar, 4 oz.	
W25 - 0-9'	E408285-12A	Solid	08/29/24	09/04/24	Glass Jar, 4 oz.	
W26 - 0-9'	E408285-13A	Solid	08/29/24	09/04/24	Glass Jar, 4 oz.	
W27 - 0-9'	E408285-14A	Solid	08/29/24	09/04/24	Glass Jar, 4 oz.	
523-9'	E408285-15A	Solid	08/29/24	09/04/24	Glass Jar, 4 oz.	
524-9'	E408285-16A	Solid	08/29/24	09/04/24	Glass Jar, 4 oz.	
525-9'	E408285-17A	Solid	08/29/24	09/04/24	Glass Jar, 4 oz.	
526-9'	E408285-18A	Solid	08/29/24	09/04/24	Glass Jar, 4 oz.	
27-9'	E408285-19A	Solid	08/29/24	09/04/24	Glass Jar, 4 oz.	
528-9'	E408285-20A	Solid	08/29/24	09/04/24	Glass Jar, 4 oz.	



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WPX Energy - Carlsbad	Project Name:		Pecos Federal 22	-3H		
5315 Buena Vista Dr	Project Number		58-0007			Reported:
Carlsbad NM, 88220	Project Manag	ger: Ash	ley Giovengo			9/10/2024 12:30:34PM
	S	SW01 - 0-2'				
		E408285-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: CG		Batch: 2436016
Benzene	ND	0.0250	1	09/04/24	09/05/24	
Ethylbenzene	ND	0.0250	1	09/04/24	09/05/24	
Foluene	ND	0.0250	1	09/04/24	09/05/24	
p-Xylene	ND	0.0250	1	09/04/24	09/05/24	
o,m-Xylene	ND	0.0500	1	09/04/24	09/05/24	
Fotal Xylenes	ND	0.0250	1	09/04/24	09/05/24	
Surrogate: 4-Bromochlorobenzene-PID		86.6 %	70-130	09/04/24	09/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG		Batch: 2436016	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/24	09/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.2 %	70-130	09/04/24	09/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: NV		Batch: 2436007
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/09/24	
Dil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/09/24	
Surrogate: n-Nonane		71.9 %	50-200	09/03/24	09/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: JM		Batch: 2436019
Chloride	669	20.0	1	09/04/24	09/04/24	



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WPX Energy - Carlsbad 5315 Buena Vista Dr	Project Name:		Pecos Federal 22 58-0007	2-3Н		Denertede
Carlsbad NM, 88220	Project Numb Project Manag		ley Giovengo			Reported: 9/10/2024 12:30:34PM
	i ioject ivianag	ger. Asir	ley Glovengo			<i>y</i> 10/2021 12:30:3111
		SW11 - 0-9'				
		E408285-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: CG		Batch: 2436016
Benzene	ND	0.0250	1	09/04/24	09/05/24	
Ethylbenzene	ND	0.0250	1	09/04/24	09/05/24	
Toluene	ND	0.0250	1	09/04/24	09/05/24	
p-Xylene	ND	0.0250	1	09/04/24	09/05/24	
o,m-Xylene	ND	0.0500	1	09/04/24	09/05/24	
Total Xylenes	ND	0.0250	1	09/04/24	09/05/24	
Surrogate: 4-Bromochlorobenzene-PID		87.2 %	70-130	09/04/24	09/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	/kg Analyst: CG			Batch: 2436016
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/24	09/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.1 %	70-130	09/04/24	09/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	Batch: 2436007		
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/09/24	
Surrogate: n-Nonane		71.5 %	50-200	09/03/24	09/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: JM		Batch: 2436019
Chloride	435	20.0	1	09/04/24	09/04/24	



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WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Project Numbe Project Manag	er: 010:	: Pecos Federal 22 58-0007 ley Giovengo	-3H		Reported: 9/10/2024 12:30:34PM
	S	SW12 - 0-9'				
		E408285-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: CG		Batch: 2436016
Benzene	ND	0.0250	1	09/04/24	09/05/24	
Ethylbenzene	ND	0.0250	1	09/04/24	09/05/24	
Toluene	ND	0.0250	1	09/04/24	09/05/24	
p-Xylene	ND	0.0250	1	09/04/24	09/05/24	
p,m-Xylene	ND	0.0500	1	09/04/24	09/05/24	
Total Xylenes	ND	0.0250	1	09/04/24	09/05/24	
Surrogate: 4-Bromochlorobenzene-PID		87.2 %	70-130	09/04/24	09/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	g Analyst: CG			Batch: 2436016
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/24	09/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.9 %	70-130	09/04/24	09/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	Batch: 2436007		
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/09/24	
Surrogate: n-Nonane		74.4 %	50-200	09/03/24	09/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: JM		Batch: 2436019
Chloride	152	20.0	1	09/04/24	09/04/24	



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WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Project Numbe Project Manag	er: 0103	Pecos Federal 22 58-0007 ley Giovengo	-3H		Reported: 9/10/2024 12:30:34PM
	S	SW13 - 0-9'				
		E408285-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	:: CG		Batch: 2436016
Benzene	ND	0.0250	1	09/04/24	09/05/24	
Ethylbenzene	ND	0.0250	1	09/04/24	09/05/24	
Foluene	ND	0.0250	1	09/04/24	09/05/24	
o-Xylene	ND	0.0250	1	09/04/24	09/05/24	
o,m-Xylene	ND	0.0500	1	09/04/24	09/05/24	
Fotal Xylenes	ND	0.0250	1	09/04/24	09/05/24	
Surrogate: 4-Bromochlorobenzene-PID		86.8 %	70-130	09/04/24	09/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2436016
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/24	09/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.8 %	70-130	09/04/24	09/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g Analyst: NV			Batch: 2436007
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/09/24	
Dil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/09/24	
Surrogate: n-Nonane		78.8 %	50-200	09/03/24	09/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: JM		Batch: 2436019
Chloride	104	20.0	1	09/04/24	09/04/24	



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WPX Energy - Carlsbad 5315 Buena Vista Dr	Project Name: Project Numbe		Pecos Federal 2 58-0007	2-3H		Reported:
Carlsbad NM, 88220	Project Manag		9/10/2024 12:30:34PM			
	Ś	SW14 - 0-9'				
		E408285-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: CG		Batch: 2436016
Benzene	ND	0.0250	1	09/04/24	09/05/24	
Ethylbenzene	ND	0.0250	1	09/04/24	09/05/24	
Toluene	ND	0.0250	1	09/04/24	09/05/24	
p-Xylene	ND	0.0250	1	09/04/24	09/05/24	
o,m-Xylene	ND	0.0500	1	09/04/24	09/05/24	
Fotal Xylenes	ND	0.0250	1	09/04/24	09/05/24	
Surrogate: 4-Bromochlorobenzene-PID		88.9 %	70-130	09/04/24	09/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	'kg Analyst: CG			Batch: 2436016
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/24	09/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.5 %	70-130	09/04/24	09/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	Batch: 2436007		
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/09/24	
Dil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/09/24	
Surrogate: n-Nonane		76.0 %	50-200	09/03/24	09/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: JM		Batch: 2436019
Chloride	50.7	20.0	1	09/04/24	09/04/24	



	56	ampic D	ala			
WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Project Numbe Project Manag	er: 010:	Pecos Federal 22 58-0007 ley Giovengo	-3H		Reported: 9/10/2024 12:30:34PM
	S	SW15 - 0-9'				
		E408285-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: CG		Batch: 2436016
Benzene	ND	0.0250	1	09/04/24	09/05/24	
Ethylbenzene	ND	0.0250	1	09/04/24	09/05/24	
Toluene	ND	0.0250	1	09/04/24	09/05/24	
p-Xylene	ND	0.0250	1	09/04/24	09/05/24	
o,m-Xylene	ND	0.0500	1	09/04/24	09/05/24	
Total Xylenes	ND	0.0250	1	09/04/24	09/05/24	
Surrogate: 4-Bromochlorobenzene-PID		89.1 %	70-130	09/04/24	09/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2436016
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/24	09/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.1 %	70-130	09/04/24	09/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g/kg Analyst: NV			Batch: 2436007
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/09/24	
Surrogate: n-Nonane		75.8 %	50-200	09/03/24	09/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: JM		Batch: 2436019
Chloride	403	20.0	1	09/04/24	09/04/24	



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WPX Energy - Carlsbad	Project Name:	East	Pecos Federal 22-	-3H		
5315 Buena Vista Dr	Project Numbe	er: 010	58-0007	Reported:		
Carlsbad NM, 88220	Project Manag	ger: Ash	ley Giovengo			9/10/2024 12:30:34PM
	(SW16 - 0-9'				
		E408285-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	: CG		Batch: 2436016
Benzene	ND	0.0250	1	09/04/24	09/05/24	
Ethylbenzene	ND	0.0250	1	09/04/24	09/05/24	
Toluene	ND	0.0250	1	09/04/24	09/05/24	
o-Xylene	ND	0.0250	1	09/04/24	09/05/24	
o,m-Xylene	ND	0.0500	1	09/04/24	09/05/24	
Fotal Xylenes	ND	0.0250	1	09/04/24	09/05/24	
urrogate: 4-Bromochlorobenzene-PID		90.1 %	70-130	09/04/24	09/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	Batch: 2436016		
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/24	09/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.7 %	70-130	09/04/24	09/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst	Batch: 2436007		
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/09/24	
Dil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/09/24	
Surrogate: n-Nonane		79.5 %	50-200	09/03/24	09/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	: JM		Batch: 2436019
Chloride	718	100	5	09/04/24	09/05/24	



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WPX Energy - Carlsbad 5315 Buena Vista Dr	Project Name: Project Numb		Pecos Federal 22 58-0007	-3H		Reported:
Carlsbad NM, 88220	Project Manag	ger: Ash	ley Giovengo			9/10/2024 12:30:34PM
		SW21 - 0-9'				
		E408285-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: CG		Batch: 2436016
Benzene	ND	0.0250	1	09/04/24	09/05/24	
Ethylbenzene	ND	0.0250	1	09/04/24	09/05/24	
Toluene	ND	0.0250	1	09/04/24	09/05/24	
p-Xylene	ND	0.0250	1	09/04/24	09/05/24	
o,m-Xylene	ND	0.0500	1	09/04/24	09/05/24	
Fotal Xylenes	ND	0.0250	1	09/04/24	09/05/24	
Surrogate: 4-Bromochlorobenzene-PID		88.8 %	70-130	09/04/24	09/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	kg Analyst: CG			Batch: 2436016
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/24	09/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.3 %	70-130	09/04/24	09/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	Batch: 2436007		
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/09/24	
Surrogate: n-Nonane		72.5 %	50-200	09/03/24	09/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: JM		Batch: 2436019
Chloride	2960	100	5	09/04/24	09/05/24	



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WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Project Numbe Project Manag	er: 010:	Pecos Federal 22 58-0007 ley Giovengo	-3H		Reported: 9/10/2024 12:30:34PM
	S	SW22 - 0-9'				
		E408285-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: CG		Batch: 2436016
Benzene	ND	0.0250	1	09/04/24	09/05/24	
Ethylbenzene	ND	0.0250	1	09/04/24	09/05/24	
Toluene	ND	0.0250	1	09/04/24	09/05/24	
p-Xylene	ND	0.0250	1	09/04/24	09/05/24	
o,m-Xylene	ND	0.0500	1	09/04/24	09/05/24	
Total Xylenes	ND	0.0250	1	09/04/24	09/05/24	
Surrogate: 4-Bromochlorobenzene-PID		88.2 %	70-130	09/04/24	09/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2436016
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/24	09/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.3 %	70-130	09/04/24	09/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	kg Analyst: NV			Batch: 2436007
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/09/24	
Dil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/09/24	
Surrogate: n-Nonane		78.2 %	50-200	09/03/24	09/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: JM		Batch: 2436019
Chloride	1400	100	5	09/04/24	09/05/24	



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WPX Energy - Carlsbad	Project Name:	East	Pecos Federal 22	-3H			
5315 Buena Vista Dr	Project Numbe	er: 010	58-0007			Reported:	
Carlsbad NM, 88220	Project Manag		9/10/2024 12:30:34PM				
	S	SW23 - 0-9'					
		E408285-10					
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	Analyst: CG		Batch: 2436016	
Benzene	ND	0.0250	1	09/04/24	09/05/24		
Ethylbenzene	ND	0.0250	1	09/04/24	09/05/24		
Toluene	ND	0.0250	1	09/04/24	09/05/24		
p-Xylene	ND	0.0250	1	09/04/24	09/05/24		
o,m-Xylene	ND	0.0500	1	09/04/24	09/05/24		
Total Xylenes	ND	0.0250	1	09/04/24	09/05/24		
Surrogate: 4-Bromochlorobenzene-PID		88.8 %	70-130	09/04/24	09/05/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	Analyst: CG		Batch: 2436016	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/24	09/05/24		
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.7 %	70-130	09/04/24	09/05/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g Analyst: NV			Batch: 2436007	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/09/24		
Oil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/09/24		
Surrogate: n-Nonane		81.9 %	50-200	09/03/24	09/09/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: JM		Batch: 2436019	
Chloride	1640	100	5	09/04/24	09/05/24		



Sample Data

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WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Reported: 9/10/2024 12:30:34PM					
	S	SW24 - 0-9'				
		E408285-11				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: CG	Batch: 2436016	
Benzene	ND	0.0250	1	09/04/24	09/05/24	
Ethylbenzene	ND	0.0250	1	09/04/24	09/05/24	
Toluene	ND	0.0250	1	09/04/24	09/05/24	
p-Xylene	ND	0.0250	1	09/04/24	09/05/24	
o,m-Xylene	ND	0.0500	1	09/04/24	09/05/24	
Total Xylenes	ND	0.0250	1	09/04/24	09/05/24	
Surrogate: 4-Bromochlorobenzene-PID		89.5 %	70-130	09/04/24	09/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	Analyst: CG		Batch: 2436016
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/24	09/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.3 %	70-130	09/04/24	09/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2436007
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/09/24	
Dil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/09/24	
Surrogate: n-Nonane		78.5 %	50-200	09/03/24	09/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: JM		Batch: 2436019
Chloride	329	20.0	1	09/04/24	09/05/24	



Sample Data

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WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Project Numbe Project Manag	er: 010:	: Pecos Federal 22 58-0007 ley Giovengo	Reported: 9/10/2024 12:30:34PM		
	S	SW25 - 0-9'				
		E408285-12				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	Analyst: CG		
Benzene	ND	0.0250	1	09/04/24	09/05/24	
Ethylbenzene	ND	0.0250	1	09/04/24	09/05/24	
Toluene	ND	0.0250	1	09/04/24	09/05/24	
p-Xylene	ND	0.0250	1	09/04/24	09/05/24	
o,m-Xylene	ND	0.0500	1	09/04/24	09/05/24	
Total Xylenes	ND	0.0250	1	09/04/24	09/05/24	
Surrogate: 4-Bromochlorobenzene-PID		88.5 %	70-130	09/04/24	09/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	Analyst: CG		Batch: 2436016
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/24	09/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.2 %	70-130	09/04/24	09/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: NV		Batch: 2436007
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/09/24	
Surrogate: n-Nonane		77.1 %	50-200	09/03/24	09/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: JM		Batch: 2436019
Chloride	205	20.0	1	09/04/24	09/05/24	



WPX Energy - Carlsbad	Project Name:		Pecos Federal 22	-3H		
5315 Buena Vista Dr	Project Number		58-0007		Reported: 9/10/2024 12:30:34PM	
Carlsbad NM, 88220	Project Manag	ger: Ash	ley Giovengo			
	S	SW26 - 0-9'				
		E408285-13				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: CG		Batch: 2436016
Benzene	ND	0.0250	1	09/04/24	09/05/24	
Ethylbenzene	ND	0.0250	1	09/04/24	09/05/24	
Toluene	ND	0.0250	1	09/04/24	09/05/24	
p-Xylene	ND	0.0250	1	09/04/24	09/05/24	
o,m-Xylene	ND	0.0500	1	09/04/24	09/05/24	
Fotal Xylenes	ND	0.0250	1	09/04/24	09/05/24	
Surrogate: 4-Bromochlorobenzene-PID		87.2 %	70-130	09/04/24	09/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: CG		Batch: 2436016
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/24	09/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.8 %	70-130	09/04/24	09/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g Analyst: NV			Batch: 2436007
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/09/24	
Surrogate: n-Nonane		73.8 %	50-200	09/03/24	09/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: JM		Batch: 2436019
Chloride	83.4	20.0	1	09/04/24	09/05/24	



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WPX Energy - Carlsbad	Project Name:		Pecos Federal 22	-3H		
5315 Buena Vista Dr	Project Numbe	er: 010	58-0007		Reported:	
Carlsbad NM, 88220	Project Manag	ger: Ash	ley Giovengo			9/10/2024 12:30:34PM
	S	SW27 - 0-9'				
		E408285-14				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG			Batch: 2436016
Benzene	ND	0.0250	1	09/04/24	09/05/24	
Ethylbenzene	ND	0.0250	1	09/04/24	09/05/24	
Foluene	ND	0.0250	1	09/04/24	09/05/24	
o-Xylene	ND	0.0250	1	09/04/24	09/05/24	
o,m-Xylene	ND	0.0500	1	09/04/24	09/05/24	
Fotal Xylenes	ND	0.0250	1	09/04/24	09/05/24	
Surrogate: 4-Bromochlorobenzene-PID		88.8 %	70-130	09/04/24	09/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2436016
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/24	09/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.1 %	70-130	09/04/24	09/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	:: NV		Batch: 2436007
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/09/24	
Dil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/09/24	
Surrogate: n-Nonane		67.6 %	50-200	09/03/24	09/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	: JM		Batch: 2436019
Chloride	560	20.0	1	09/04/24	09/05/24	



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WPX Energy - Carlsbad	Project Name	e: East	Pecos Federal 22	-3H			
5315 Buena Vista Dr	Project Numb	ber: 010	58-0007			Reported:	
Carlsbad NM, 88220	Project Mana	ger: Ash	ley Giovengo		9/10/2024 12:30:34PM		
		FS23-9'					
		E408285-15					
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	Analyst: CG		Batch: 2436016	
Benzene	ND	0.0250	1	09/04/24	09/05/24		
Ethylbenzene	ND	0.0250	1	09/04/24	09/05/24		
Toluene	ND	0.0250	1	09/04/24	09/05/24		
p-Xylene	ND	0.0250	1	09/04/24	09/05/24		
o,m-Xylene	ND	0.0500	1	09/04/24	09/05/24		
Total Xylenes	ND	0.0250	1	09/04/24	09/05/24		
Surrogate: 4-Bromochlorobenzene-PID		89.3 %	70-130	09/04/24	09/05/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2436016	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/24	09/05/24		
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.3 %	70-130	09/04/24	09/05/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2436007	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/09/24		
Dil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/09/24		
Surrogate: n-Nonane		71.6 %	50-200	09/03/24	09/09/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: JM		Batch: 2436019	
Chloride	96.8	20.0	1	09/04/24	09/05/24		



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WPX Energy - Carlsbad	Project Name	e: East	Pecos Federal 22	2-3H			
5315 Buena Vista Dr	Project Numb	ber: 010	58-0007			Reported:	
Carlsbad NM, 88220	Project Mana	ger: Ash	ley Giovengo		9/10/2024 12:30:34PM		
		FS24-9'					
		E408285-16					
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	Analyst: CG			
Benzene	ND	0.0250	1	09/04/24	09/05/24		
Ethylbenzene	ND	0.0250	1	09/04/24	09/05/24		
Toluene	ND	0.0250	1	09/04/24	09/05/24		
o-Xylene	ND	0.0250	1	09/04/24	09/05/24		
p,m-Xylene	ND	0.0500	1	09/04/24	09/05/24		
Total Xylenes	ND	0.0250	1	09/04/24	09/05/24		
Surrogate: 4-Bromochlorobenzene-PID		88.4 %	70-130	09/04/24	09/05/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	Analyst: CG		Batch: 2436016	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/24	09/05/24		
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.3 %	70-130	09/04/24	09/05/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg Analyst: NV			Batch: 2436007	
Diesel Range Organics (C10-C28)	348	25.0	1	09/03/24	09/09/24		
Oil Range Organics (C28-C36)	96.0	50.0	1	09/03/24	09/09/24		
Surrogate: n-Nonane		79.4 %	50-200	09/03/24	09/09/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: JM		Batch: 2436019	
Chloride	166	20.0	1	09/04/24	09/05/24		



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WPX Energy - Carlsbad	Project Name:	: East	Pecos Federal 22	-3H		
5315 Buena Vista Dr	Project Numb	er: 010	58-0007			Reported:
Carlsbad NM, 88220	Project Manag	ger: Ash	ley Giovengo		9/10/2024 12:30:34PM	
		FS25-9'				
		E408285-17				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	Analyst: CG		
Benzene	ND	0.0250	1	09/04/24	09/05/24	
Ethylbenzene	ND	0.0250	1	09/04/24	09/05/24	
Toluene	ND	0.0250	1	09/04/24	09/05/24	
p-Xylene	ND	0.0250	1	09/04/24	09/05/24	
o,m-Xylene	ND	0.0500	1	09/04/24	09/05/24	
Total Xylenes	ND	0.0250	1	09/04/24	09/05/24	
Surrogate: 4-Bromochlorobenzene-PID		89.2 %	70-130	09/04/24	09/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	Analyst: CG		Batch: 2436016
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/24	09/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.5 %	70-130	09/04/24	09/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2436007
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/09/24	
Surrogate: n-Nonane		72.2 %	50-200	09/03/24	09/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: JM		Batch: 2436019
Chloride	79.7	20.0	1	09/04/24	09/05/24	



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WPX Energy - Carlsbad	Project Name:	East	Pecos Federal 22	-3H		
5315 Buena Vista Dr	Project Number	er: 010	58-0007			Reported:
Carlsbad NM, 88220	Project Manag	ger: Ash	ley Giovengo		9/10/2024 12:30:34PM	
		FS26-9'				
		E408285-18				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG			Batch: 2436016
Benzene	ND	0.0250	1	09/04/24	09/05/24	
Ethylbenzene	ND	0.0250	1	09/04/24	09/05/24	
Toluene	ND	0.0250	1	09/04/24	09/05/24	
p-Xylene	ND	0.0250	1	09/04/24	09/05/24	
o,m-Xylene	ND	0.0500	1	09/04/24	09/05/24	
Total Xylenes	ND	0.0250	1	09/04/24	09/05/24	
Surrogate: 4-Bromochlorobenzene-PID		88.6 %	70-130	09/04/24	09/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2436016
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/24	09/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.0 %	70-130	09/04/24	09/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	cg Analyst: NV			Batch: 2436007
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/09/24	
Surrogate: n-Nonane		79.6 %	50-200	09/03/24	09/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	: JM		Batch: 2436019
Chloride	122	40.0	2	09/04/24	09/05/24	



WPX Energy - Carlsbad	Project Name	: East	Pecos Federal 22							
5315 Buena Vista Dr	Project Numb	er: 010	58-0007			Reported:				
Carlsbad NM, 88220	Project Mana	ger: Ash	ley Giovengo			9/10/2024 12:30:34PN				
		FS27-9'								
		E408285-19								
Reporting										
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes				
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: CG		Batch: 2436016				
Benzene	ND	0.0250	1	09/04/24	09/05/24					
Ethylbenzene	ND	0.0250	1	09/04/24	09/05/24					
Foluene	ND	0.0250	1	09/04/24	09/05/24					
o-Xylene	ND	0.0250	1	09/04/24	09/05/24					
o,m-Xylene	ND	0.0500	1	09/04/24	09/05/24					
Fotal Xylenes	ND	0.0250	1	09/04/24	09/05/24					
Surrogate: 4-Bromochlorobenzene-PID		89.9 %	70-130	09/04/24	09/05/24					
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2436016				
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/24	09/05/24					
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.6 %	70-130	09/04/24	09/05/24					
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2436007				
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/09/24					
Dil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/09/24					
Surrogate: n-Nonane		77.3 %	50-200	09/03/24	09/09/24					
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: JM		Batch: 2436019				
Chloride	159	100	5	09/04/24	09/05/24					



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WPX Energy - Carlsbad	Project Name	:: East	Pecos Federal 22	-3H						
5315 Buena Vista Dr	Project Numb	oer: 010	58-0007			Reported:				
Carlsbad NM, 88220	Project Mana	ger: Ash	ley Giovengo			9/10/2024 12:30:34PM				
		FS28-9'								
		E408285-20								
Reporting										
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes				
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: CG		Batch: 2436016				
Benzene	ND	0.0250	1	09/04/24	09/05/24					
Ethylbenzene	ND	0.0250	1	09/04/24	09/05/24					
Toluene	ND	0.0250	1	09/04/24	09/05/24					
o-Xylene	ND	0.0250	1	09/04/24	09/05/24					
o,m-Xylene	ND	0.0500	1	09/04/24	09/05/24					
Total Xylenes	ND	0.0250	1	09/04/24	09/05/24					
Surrogate: 4-Bromochlorobenzene-PID		88.0 %	70-130	09/04/24	09/05/24					
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2436016				
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/24	09/05/24					
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.2 %	70-130	09/04/24	09/05/24					
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2436007				
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/09/24					
Dil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/09/24					
Surrogate: n-Nonane		75.1 %	50-200	09/03/24	09/09/24					
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: JM		Batch: 2436019				
Chloride	166	40.0	2	09/04/24	09/05/24					



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr		Project Name: Project Number:		ast Pecos Fede .058-0007	eral 22-3H				Reported:
		·							0/10/2024 12 20 240
Carlsbad NM, 88220		Project Manager:	er: Ashley Giovengo						9/10/2024 12:30:34PM
		Volatile O	rganics b	oy EPA 802	21 B				Analyst: CG
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2436016-BLK1)							Prepared: 0	9/04/24	Analyzed: 09/05/24
Benzene	ND	0.0250							-
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.16		8.00		89.5	70-130			
LCS (2436016-BS1)							Prepared: 0	9/04/24	Analyzed: 09/05/24
Benzene	5.28	0.0250	5.00		106	70-130			
Ethylbenzene	5.03	0.0250	5.00		101	70-130			
Toluene	5.17	0.0250	5.00		103	70-130			
p-Xylene	5.01	0.0250	5.00		100	70-130			
p,m-Xylene	10.2	0.0500	10.0		102	70-130			
Total Xylenes	15.2	0.0250	15.0		101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.23		8.00		90.4	70-130			
Matrix Spike (2436016-MS1)				Source:	E408285-0)7	Prepared: 0	9/04/24	Analyzed: 09/05/24
Benzene	5.58	0.0250	5.00	ND	112	54-133			
Ethylbenzene	5.31	0.0250	5.00	ND	106	61-133			
Toluene	5.47	0.0250	5.00	ND	109	61-130			
o-Xylene	5.29	0.0250	5.00	ND	106	63-131			
p,m-Xylene	10.7	0.0500	10.0	ND	107	63-131			
Total Xylenes	16.0	0.0250	15.0	ND	107	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.05		8.00		88.1	70-130			
Matrix Spike Dup (2436016-MSD1)				Source:	E408285-0)7	Prepared: 0	9/04/24	Analyzed: 09/05/24
Benzene	5.39	0.0250	5.00	ND	108	54-133	3.48	20	
Ethylbenzene	5.12	0.0250	5.00	ND	102	61-133	3.53	20	
Toluene	5.26	0.0250	5.00	ND	105	61-130	3.75	20	
o-Xylene	5.11	0.0250	5.00	ND	102	63-131	3.58	20	
p,m-Xylene	10.4	0.0500	10.0	ND	104	63-131	3.50	20	
Total Xylenes	15.5	0.0250	15.0	ND	103	63-131	3.53	20	



QC Summary Data

		QU N	amm	ary Date	•				
WPX Energy - Carlsbad 5315 Buena Vista Dr		Project Name: Project Number:	-	East Pecos Fede)1058-0007	ral 22-3H				Reported:
Carlsbad NM, 88220		Project Manager:	1	Ashley Gioveng	0				9/10/2024 12:30:34PM
	Noi	nhalogenated C	Organics	s by EPA 801	5D - G	RO			Analyst: CG
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2436016-BLK1)							Prepared: 0	9/04/24 A	analyzed: 09/05/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.27		8.00		90.9	70-130			
LCS (2436016-BS2)							Prepared: 0	9/04/24 A	analyzed: 09/05/24
Gasoline Range Organics (C6-C10)	40.4	20.0	50.0		80.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.17		8.00		89.7	70-130			
Matrix Spike (2436016-MS2)				Source:	E408285-	07	Prepared: 0	9/04/24 A	analyzed: 09/05/24
Gasoline Range Organics (C6-C10)	40.8	20.0	50.0	ND	81.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		92.0	70-130			
Matrix Spike Dup (2436016-MSD2)				Source:	E408285-	07	Prepared: 0	9/04/24 A	analyzed: 09/05/24
Gasoline Range Organics (C6-C10)	40.4	20.0	50.0	ND	80.7	70-130	0.988	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.33		8.00		91.6	70-130			

QC Summary Data

		QU N		ary Date	-				
WPX Energy - Carlsbad 5315 Buena Vista Dr		Project Name: Project Number:		East Pecos Fede 1058-0007	eral 22-3H				Reported:
Carlsbad NM, 88220		Project Manager:	: A	Ashley Gioveng	j0				9/10/2024 12:30:34PM
	Nonha	logenated Org	anics by	y EPA 8015I) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2436007-BLK1)							Prepared: 0	9/03/24 A	nalyzed: 09/09/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	39.1		50.0		78.2	50-200			
LCS (2436007-BS1)							Prepared: 0	9/03/24 A	analyzed: 09/09/24
Diesel Range Organics (C10-C28)	183	25.0	250		73.1	38-132			
Surrogate: n-Nonane	40.6		50.0		81.2	50-200			
Matrix Spike (2436007-MS1)				Source:	E408285-	12	Prepared: 0	9/03/24 A	analyzed: 09/09/24
Diesel Range Organics (C10-C28)	181	25.0	250	ND	72.5	38-132			
Surrogate: n-Nonane	41.1		50.0		82.1	50-200			
Matrix Spike Dup (2436007-MSD1)				Source:	E408285-	12	Prepared: 0	9/03/24 A	nalyzed: 09/09/24
Diesel Range Organics (C10-C28)	180	25.0	250	ND	72.2	38-132	0.481	20	
Surrogate: n-Nonane	38.7		50.0		77.5	50-200			



QC Summary Data

				J					
WPX Energy - Carlsbad		Project Name:		East Pecos Fede	eral 22-3H				Reported:
5315 Buena Vista Dr		Project Number	:	01058-0007					
Carlsbad NM, 88220		Project Manager	r:	Ashley Gioveng	go				9/10/2024 12:30:34PM
		Anions	by EPA	300.0/9056	4				Analyst: JM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2436019-BLK1)							Prepared: 0	9/04/24 A	Analyzed: 09/04/24
Chloride	ND	20.0							
LCS (2436019-BS1)							Prepared: 0	9/04/24 A	Analyzed: 09/04/24
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2436019-MS1)				Source:	E408285-0	05	Prepared: 0	9/04/24 A	Analyzed: 09/04/24
Chloride	322	20.0	250	50.7	109	80-120			
Matrix Spike Dup (2436019-MSD1)				Source:	E408285-0	05	Prepared: 0	9/04/24 A	Analyzed: 09/04/24
Chloride	313	20.0	250	50.7	105	80-120	3.09	20	

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



WPX Er	ergy - Carlsbad	Project Name:	East Pecos Federal 22-3H	
5315 Bu	ena Vista Dr	Project Number:	01058-0007	Reported:
Carlsbac	I NM, 88220	Project Manager:	Ashley Giovengo	09/10/24 12:30

ND Analyte NOT DETECTED at or above the rep	eporting limit
---	----------------

- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.





Chain of Custody

	Clie	nt Inform	ation		Invoice Info	rmation			La	b Use	e On	ly				TAT		State		
	VPX Energy P					WPX Energy Permian, LLC			Lab WO# Job N							2D 3D	Std	Page		
	East Pecos Fe				Address: 5315 Buena V		_ E4	08	28	5	01058-0007			1			x	x		
	Aanager: Ash				City, State, Zip: Carlsba	d NM, 88220	- 0	_					-							
	3122 Nation				Phone: (575)689-7597		-				Ana	lysis	and	Meth	od		-	EPA Program	1	
	e, Zip: Carlst 575-988-0055		58220		Email: jim.raley@dvn.c Miscellaneous: Jim Raley	om	-											SDWA CWA	RCRA	
	giovengo@er		om		IVIISCEIIaneous. Jini Kaley			5	ŝ									Compliance Y	or N	
								y 801	y 8015	н		0.0	-	×	als			PWSID #		
		_		Sample Info	rmation			ROb	ROb	y 802	826	e 30(NN -	1- 500	Met					
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals			Remarks		
12:35	8/29/2024	Sd	1		SW01 - 0-2'		1						x							
12:26	8/29/2024	Sd	1		SW11 - 0-9'		2						x							
12:25	8/29/2024	Sd	1		SW12 - 0-9'		3						x							
12:23	8/29/2024	Sd	1		SW13 - 0-9'		4						x							
12:22	8/29/2024	Sd	1		SW14 - 0-9'		5						x							
12:20	8/29/2024	Sd	1		SW15 - 0-9'		6						x							
10:30	8/29/2024	S	1		SW16 - 0-9'		7						x							
10:05	8/29/2024	S	1		SW21 - 0-9'		8						x			1				
10:06	8/29/2024	S	1		SW22 - 0-9'		9						x							
10:09	8/29/2024	S	1		SW23 - 0-9'		10						x			1				
elinquish elinquish elinquish elinquish elinquish elinquish	ns@ensolum pler), attest to the Cole Burton ed by: (Signatur- ed by: Signatur- ed by: (Signatur- ed by: (Signatur- ed by: (Signatur- rix: S - Soil, Sd - So	e) blid, Sg - Sluce	Date Date Date Date Date Date Date Date	this sample. I am aw 0/24 Time 0.24 Time Time 0.24 Time 1.24 Time 2.4 2.4 2.4 2.4 2.4 3.5	Received by: (Signature)	Ily mislabeling the sample Date Date Date Date Date Date Date Dat	le location, 2.29 .29 .24 .24 .24	Time Time Time Time Time	94 800 glass,	p - po	ction is	s consid	dered f Samples sampled Recei T1 AVG	iraud an requirin f or rece least daw ived o Temp	nd may ng therr ived particular on ice	be groun hal preserv ked in ice 2: 0 <u>T2</u>	ation mus at an avg t Lab Us	gal action. It be received on ice the day the temp above 0 but less than 6 °C e Only <u>T3</u>	on	
					other arrangements are made. Ha OC. The liability of the laboratory						osed o	fatth	e clier	nt expe	ense. 1	he repo	rt for th	rote	amples i	
applicable	only to those sa	mples rece	ived by the lat	ooratory with this C	OC. The liability of the laboratory	is limited to the amou	int paid fo	r on ti	he repo	ort.	_			-						

Released to Imaging: 11/1/2024 11:50:08 AM

10:37

8/29/2024

bsimmons@ensolum.com

Sampled by: __Cole Burton

Relinquished by: (Signature)

Relinquished by: (Signature)

Relinquished by: (Signature)

Relinquished by: (Signature)

are

Sd

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

1

Date

Date

8

Date

20.6

Time

Time

00

applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

					Cha	ain of Custody													Pa	ge _/	2
	Clie	nt Inform	nation		Invoice Informa	ation			La	b Us	e On	ly			1	TAT	г		Sta	ate	_
roject:	VPX Energy P East Pecos Fe 1anager: Ash	ederal 22	-3H					/0#			Job	Num	ber -00	07	1D	2D 3	3D Std x	NN X	NM CO UT x		
	3122 Nation	101.22 L 121.2			Phone: (575)689-7597	P. M.					Ana	lysis	and	Met	hod			E	PA Prog	ram	1
City, State, Zip: Carlsbad NM, 88220 Phone: 575-988-0055 Email: agiovengo@ensolum.com					Email: jim.raley@dvn.com Miscellaneous: Jim Raley			8015	8015		~	0		~	ls			SDWA Compliar PWSID #			RCI
				Sample Info	ormation			Vd O	vd ot	8021	8260	300	WN -	35 - TX	8 Metals				-	_	
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID	Field Filter	ab mber	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC	TCEQ 1005	RCRA 8				Remar	ks	
12:31	8/29/2024	Sd	1		SW24 - 0-9'	1	1						x								
12:30	8/29/2024	Sd	1		SW25 - 0-9'	1	2						x								
12:28	8/29/2024	Sd	1		SW26 - 0-9'		3						x								
12:33	8/29/2024	Sd	1		SW27 - 0-9'	1	4						x								
9:52	8/29/2024	Sd	1		FS23 - 9'	1	5						x								
10:06	8/29/2024	Sd	1		FS24 - 9'	1	6						x					1			
10:13	8/29/2024	Sd	1		FS25 - 9'	1	7						x			-					
10:22	8/29/2024	Sd	1		FS26 - 9'	1	8						x								
10:30	8/29/2024	Sd	1		FS27 - 9'	1	a						x								

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, bdeal@ensolum, chamilton@ensolum.com,

, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

FS28 - 9'

Received by: (Signature)

Received by: (Signature)

Received by: (Signature)

Received by: (Signature)

M

eceived by OCD: 10/30/2024 7:27:18 AM

RCRA

N

enviroteck

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is

Date

8

Date

Date

30.0

20

1800

0500

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

B

Time

x

x

Received on ice:

AVG Temp °C

amples requiring thermal preservation must be received on ice the day they are

Lab Use Only

T3

ampled or received packed in ice at an avg temp above 0 but less than 6 °C on

Y/N

T2

5

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

	WPX Energy - Carlsbad D	ate Received:	09/03/24 0	6:00	Work Order ID: E408285
Phone:	(539) 573-4018 E	ate Logged In:	08/30/24 1	6:25	Logged In By: Raina Schwanz
Email:		ue Date:	09/09/24 1	7:00 (4 day TAT)	
Chain o	f Custody (COC)				
1. Does	the sample ID match the COC?		Yes		
2. Does	the number of samples per sampling site location match	the COC	Yes		
3. Were	samples dropped off by client or carrier?		Yes	Carrier: C	Courier
4. Was t	he COC complete, i.e., signatures, dates/times, requeste	d analyses?	Yes	_	
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in th i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes		Comments/Resolution
<u>Sample</u>	<u>Turn Around Time (TAT)</u>				
6. Did th	ne COC indicate standard TAT, or Expedited TAT?		Yes		Project: East Pecos Federal 22-3H split
Sample	<u>Cooler</u>				between workorders E408285 & E408286
7. Was a	a sample cooler received?		Yes		due to sample volume.
8. If yes	, was cooler received in good condition?		Yes		*
9. Was t	he sample(s) received intact, i.e., not broken?		Yes		
10. Were	e custody/security seals present?		No		
11. If ye	s, were custody/security seals intact?		NA		
12. Was 1	the sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are re- minutes of sampling		Yes		
13 Ifno	visible ice, record the temperature. Actual sample te	mperature: 4°	'C		
	Container		<u> </u>		
Sample	Container				
14. Are	aqueous VOC samples present?		No		
	aqueous VOC samples present? VOC samples collected in VOA Vials?		No NA		
15. Are	VOC samples collected in VOA Vials?				
15. Are 16. Is th	VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)?		NA		
15. Are 16. Is th 17. Was	VOC samples collected in VOA Vials?		NA NA		
15. Are 16. Is th 17. Was 18. Are	VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses?	s collected?	NA NA NA		
15. Are 16. Is th 17. Was 18. Are	VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container	s collected?	NA NA NA Yes		
15. Are ⁻¹ 16. Is th 17. Was 18. Are : 19. Is the Field L a	VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container		NA NA NA Yes		
15. Are 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were	VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID?		NA NA NA Yes		
15. Are 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were	VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected?		NA NA Yes Yes Yes		
15. Are 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were	VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name?		NA NA Yes Yes		
15. Are 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were Sample	VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u>	nation:	NA NA Yes Yes Yes Yes Yes		
15. Are 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were Sample 21. Does	VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were pres	nation:	NA NA Yes Yes Yes Yes Yes		
15. Are 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were Sample 21. Does 22. Are	VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were pres sample(s) correctly preserved?	nation: erved?	NA NA Yes Yes Yes Yes No NA		
15. Are 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were 20. Were 21. Does 22. Are 24. Is lal	VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were pres sample(s) correctly preserved? b filteration required and/or requested for dissolved met	nation: erved?	NA NA Yes Yes Yes Yes Yes		
15. Are 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were 20. Were 21. Does 22. Are 24. Is lai Multiph	VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation s the COC or field labels indicate the samples were pres sample(s) correctly preserved? b filteration required and/or requested for dissolved met mase Sample Matrix	nation: erved? als?	NA NA Yes Yes Yes Yes No NA No		
15. Are 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were 20. Were 21. Doc: 22. Are 24. Is lai Multiph 26. Doc:	VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation s the COC or field labels indicate the samples were pres sample(s) correctly preserved? b filteration required and/or requested for dissolved met mase Sample Matrix s the sample have more than one phase, i.e., multiphase	nation: erved? als? ?	NA NA Yes Yes Yes Yes No NA No		
 Are Is th Is th Is the Field La Sample Were Were Were Were Are Does Are Is lai Multiph Does To es 	VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation s the COC or field labels indicate the samples were press sample(s) correctly preserved? b filteration required and/or requested for dissolved met mase Sample Matrix s the sample have more than one phase, i.e., multiphase' is, does the COC specify which phase(s) is to be analyzed	nation: erved? als? ?	NA NA Yes Yes Yes Yes No NA No		
 Are Is the Is the Field La Is the Field La Were Were Were Were Were Are Were The Does Are Is lai Multiph Does The Subcont 	VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation s the COC or field labels indicate the samples were press sample(s) correctly preserved? b filteration required and/or requested for dissolved met tase Sample Matrix s the sample have more than one phase, i.e., multiphase' is, does the COC specify which phase(s) is to be analyze tract Laboratory .	nation: erved? als? 2 2d?	NA NA Yes Yes Yes Yes No NA No No		
15. Are 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were 20. Were 21. Doe: 22. Are 24. Is lai Multiph 26. Doe: 27. If ye Subcom 28. Are	VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation s the COC or field labels indicate the samples were press sample(s) correctly preserved? b filteration required and/or requested for dissolved met mase Sample Matrix s the sample have more than one phase, i.e., multiphase' is, does the COC specify which phase(s) is to be analyzed	nation: erved? als? ed?	NA NA Yes Yes Yes Yes No NA No	Subcontract Lab	

Date



Signature of client authorizing changes to the COC or sample disposition.





5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

WPX Energy - Carlsbad

Project Name: East Pecc

East Pecos Federal 22-3H

Work Order: E408286

Job Number: 01058-0007

Received: 9/4/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/10/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 9/10/24

Ashley Giovengo 5315 Buena Vista Dr Carlsbad, NM 88220

Project Name: East Pecos Federal 22-3H Workorder: E408286 Date Received: 9/4/2024 5:00:00AM

Ashley Giovengo,

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Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/4/2024 5:00:00AM, under the Project Name: East Pecos Federal 22-3H.

The analytical test results summarized in this report with the Project Name: East Pecos Federal 22-3H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

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Sample Summary

		Sample Sum	mary		
WPX Energy - Carlsbad		Project Name:	East Pecos Federal	22-3H	Reported:
5315 Buena Vista Dr		Project Number:	01058-0007		-
Carlsbad NM, 88220		Project Manager:	Ashley Giovengo		09/10/24 05:31
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S29 - 9'	E408286-01A	Solid	08/29/24	09/04/24	Glass Jar, 4 oz.
S30 - 9'	E408286-02A	Solid	08/29/24	09/04/24	Glass Jar, 4 oz.
S31 - 9'	E408286-03A	Solid	08/29/24	09/04/24	Glass Jar, 4 oz.
S32 - 9'	E408286-04A	Solid	08/29/24	09/04/24	Glass Jar, 4 oz.
S33 - 9'	E408286-05A	Solid	08/29/24	09/04/24	Glass Jar, 4 oz.
S34 - 9'	E408286-06A	Solid	08/29/24	09/04/24	Glass Jar, 4 oz.
S35 - 9'	E408286-07A	Solid	08/29/24	09/04/24	Glass Jar, 4 oz.
S36 - 9'	E408286-08A	Solid	08/29/24	09/04/24	Glass Jar, 4 oz.
S37 - 9'	E408286-09A	Solid	08/29/24	09/04/24	Glass Jar, 4 oz.
S38 - 9'	E408286-10A	Solid	08/29/24	09/04/24	Glass Jar, 4 oz.
S39 - 9'	E408286-11A	Solid	08/29/24	09/04/24	Glass Jar, 4 oz.
S40 - 2-9'	E408286-12A	Solid	08/29/24	09/04/24	Glass Jar, 4 oz.
S41 - 9'	E408286-13A	Solid	08/29/24	09/04/24	Glass Jar, 4 oz.
S42 - 9'	E408286-14A	Solid	08/29/24	09/04/24	Glass Jar, 4 oz.
843 - 9'	E408286-15A	Solid	08/29/24	09/04/24	Glass Jar, 4 oz.
S44 - 9'	E408286-16A	Solid	08/29/24	09/04/24	Glass Jar, 4 oz.
S45 - 9'	E408286-17A	Solid	08/29/24	09/04/24	Glass Jar, 4 oz.
S46 - 9'	E408286-18A	Solid	08/29/24	09/04/24	Glass Jar, 4 oz.
S47 - 9'	E408286-19A	Solid	08/29/24	09/04/24	Glass Jar, 4 oz.
S48 - 9'	E408286-20A	Solid	08/29/24	09/04/24	Glass Jar, 4 oz.
S49 - 9'	E408286-21A	Solid	08/29/24	09/04/24	Glass Jar, 4 oz.
S50 - 9'	E408286-22A	Solid	08/29/24	09/04/24	Glass Jar, 4 oz.
551 - 9'	E408286-23A	Solid	08/29/24	09/04/24	Glass Jar, 4 oz.
S52 - 9'	E408286-24A	Solid	08/29/24	09/04/24	Glass Jar, 4 oz.



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WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Project Numb Project Manag	er: 010:	Pecos Federal 22 58-0007 ley Giovengo	2-3H		Reported: 9/10/2024 5:31:12AN
		FS29 - 9'				
		E408286-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: CG		Batch: 2436028
Benzene	ND	0.0250	1	09/04/24	09/06/24	
Ethylbenzene	ND	0.0250	1	09/04/24	09/06/24	
Toluene	ND	0.0250	1	09/04/24	09/06/24	
p-Xylene	ND	0.0250	1	09/04/24	09/06/24	
p,m-Xylene	ND	0.0500	1	09/04/24	09/06/24	
Total Xylenes	ND	0.0250	1	09/04/24	09/06/24	
Surrogate: 4-Bromochlorobenzene-PID		88.0 %	70-130	09/04/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: CG		Batch: 2436028
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/24	09/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.8 %	70-130	09/04/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2436006
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/06/24	
Surrogate: n-Nonane		70.6 %	50-200	09/03/24	09/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2436020
Chloride	145	100	5	09/05/24	09/05/24	





WPX Energy - Carlsbad	Project Name	e: East	Pecos Federal 22	-3H		
5315 Buena Vista Dr	Project Num	ect Number: 01058-0007				Reported:
Carlsbad NM, 88220	Project Mana	ager: Ash	ley Giovengo			9/10/2024 5:31:12AM
		FS30 - 9'				
		E408286-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: CG		Batch: 2436028
Benzene	ND	0.0250	1	09/04/24	09/06/24	
Ethylbenzene	ND	0.0250	1	09/04/24	09/06/24	
Toluene	ND	0.0250	1	09/04/24	09/06/24	
o-Xylene	ND	0.0250	1	09/04/24	09/06/24	
o,m-Xylene	ND	0.0500	1	09/04/24	09/06/24	
Fotal Xylenes	ND	0.0250	1	09/04/24	09/06/24	
urrogate: 4-Bromochlorobenzene-PID		89.2 %	70-130	09/04/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: CG		Batch: 2436028
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/24	09/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.0 %	70-130	09/04/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: NV		Batch: 2436006
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/06/24	
Dil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/06/24	
Surrogate: n-Nonane		72.9 %	50-200	09/03/24	09/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2436020
Chloride	125	20.0	1	09/05/24	09/05/24	



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WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name Project Numb Project Mana	ber: 010	t Pecos Federal 2 58-0007 ley Giovengo	2-3H		Reported: 9/10/2024 5:31:12AM
		FS31 - 9'				
		E408286-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: CG		Batch: 2436028
Benzene	ND	0.0250	1	09/04/24	09/06/24	
Ethylbenzene	ND	0.0250	1	09/04/24	09/06/24	
Toluene	ND	0.0250	1	09/04/24	09/06/24	
p-Xylene	ND	0.0250	1	09/04/24	09/06/24	
p,m-Xylene	ND	0.0500	1	09/04/24	09/06/24	
Total Xylenes	ND	0.0250	1	09/04/24	09/06/24	
Surrogate: 4-Bromochlorobenzene-PID		89.7 %	70-130	09/04/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: CG		Batch: 2436028
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/24	09/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.2 %	70-130	09/04/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2436006
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/06/24	
Surrogate: n-Nonane		66.7 %	50-200	09/03/24	09/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2436020
Chloride	215	20.0	1	09/05/24	09/05/24	



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WPX Energy - Carlsbad 5315 Buena Vista Dr	Project Name Project Num		Pecos Federal 22 58-0007	-3H		Reported:
Carlsbad NM, 88220	Project Mana		ley Giovengo	9/10/2024 5:31:12AM		
		FS32 - 9'				
		E408286-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: CG		Batch: 2436028
Benzene	ND	0.0250	1	09/04/24	09/06/24	
Ethylbenzene	ND	0.0250	1	09/04/24	09/06/24	
Toluene	ND	0.0250	1	09/04/24	09/06/24	
o-Xylene	ND	0.0250	1	09/04/24	09/06/24	
o,m-Xylene	ND	0.0500	1	09/04/24	09/06/24	
Total Xylenes	ND	0.0250	1	09/04/24	09/06/24	
Surrogate: 4-Bromochlorobenzene-PID		87.5 %	70-130	09/04/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: CG		Batch: 2436028
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/24	09/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.0 %	70-130	09/04/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: NV		Batch: 2436006
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/06/24	
Dil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/06/24	
Surrogate: n-Nonane		70.6 %	50-200	09/03/24	09/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2436020
Chloride	150	20.0	1	09/05/24	09/05/24	



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WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name Project Num Project Mana	ber: 010:	t Pecos Federal 22 58-0007 ley Giovengo	-3H		Reported: 9/10/2024 5:31:12AM
		FS33 - 9'				
		E408286-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: CG		Batch: 2436028
Benzene	ND	0.0250	1	09/04/24	09/06/24	
Ethylbenzene	ND	0.0250	1	09/04/24	09/06/24	
Toluene	ND	0.0250	1	09/04/24	09/06/24	
p-Xylene	ND	0.0250	1	09/04/24	09/06/24	
o,m-Xylene	ND	0.0500	1	09/04/24	09/06/24	
Fotal Xylenes	ND	0.0250	1	09/04/24	09/06/24	
Surrogate: 4-Bromochlorobenzene-PID		88.9 %	70-130	09/04/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: CG		Batch: 2436028
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/24	09/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.0 %	70-130	09/04/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: NV		Batch: 2436006
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/06/24	
Dil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/06/24	
Surrogate: n-Nonane		68.3 %	50-200	09/03/24	09/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2436020
Chloride	189	20.0	1	09/05/24	09/05/24	



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WPX Energy - Carlsbad	Project Name	e: East	Pecos Federal 22	-3H		
5315 Buena Vista Dr	Project Numb	oer: 010	58-0007			Reported: 9/10/2024 5:31:12AM
Carlsbad NM, 88220	Project Mana	ger: Ash	ley Giovengo			
		FS34 - 9'				
		E408286-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	t: CG		Batch: 2436028
Benzene	ND	0.0250	1	09/04/24	09/06/24	
Ethylbenzene	ND	0.0250	1	09/04/24	09/06/24	
Toluene	ND	0.0250	1	09/04/24	09/06/24	
p-Xylene	ND	0.0250	1	09/04/24	09/06/24	
o,m-Xylene	ND	0.0500	1	09/04/24	09/06/24	
Total Xylenes	ND	0.0250	1	09/04/24	09/06/24	
Surrogate: 4-Bromochlorobenzene-PID		89.1 %	70-130	09/04/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	:: CG		Batch: 2436028
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/24	09/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.0 %	70-130	09/04/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst	t: NV		Batch: 2436006
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/06/24	
Dil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/06/24	
Surrogate: n-Nonane		69.2 %	50-200	09/03/24	09/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	:: DT		Batch: 2436020
Chloride	136	20.0	1	09/05/24	09/05/24	



WPX Energy - Carlsbad 5315 Buena Vista Dr	Project Name Project Numb		Pecos Federal 22 58-0007	2-3Н		Reported:
Carlsbad NM, 88220	Project Manag		ley Giovengo	9/10/2024 5:31:12AM		
		FS35 - 9'				
		E408286-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: CG		Batch: 2436028
Benzene	ND	0.0250	1	09/04/24	09/06/24	
Ethylbenzene	ND	0.0250	1	09/04/24	09/06/24	
Toluene	ND	0.0250	1	09/04/24	09/06/24	
p-Xylene	ND	0.0250	1	09/04/24	09/06/24	
o,m-Xylene	ND	0.0500	1	09/04/24	09/06/24	
Total Xylenes	ND	0.0250	1	09/04/24	09/06/24	
Surrogate: 4-Bromochlorobenzene-PID		89.5 %	70-130	09/04/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: CG		Batch: 2436028
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/24	09/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.7 %	70-130	09/04/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2436006
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/06/24	
Dil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/06/24	
Surrogate: n-Nonane		70.6 %	50-200	09/03/24	09/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2436020
Chloride	95.6	20.0	1	09/05/24	09/05/24	



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WPX Energy - Carlsbad	Project Name		Pecos Federal 22	-3H		
5315 Buena Vista Dr	Project Numb		58-0007			Reported:
Carlsbad NM, 88220	Project Mana	iger: Ash	ley Giovengo			9/10/2024 5:31:12AM
		FS36 - 9'				
		E408286-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	:: CG		Batch: 2436028
Benzene	ND	0.0250	1	09/04/24	09/06/24	
thylbenzene	ND	0.0250	1	09/04/24	09/06/24	
oluene	ND	0.0250	1	09/04/24	09/06/24	
-Xylene	ND	0.0250	1	09/04/24	09/06/24	
o,m-Xylene	ND	0.0500	1	09/04/24	09/06/24	
Total Xylenes	ND	0.0250	1	09/04/24	09/06/24	
urrogate: 4-Bromochlorobenzene-PID		88.2 %	70-130	09/04/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	:: CG		Batch: 2436028
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/24	09/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.8 %	70-130	09/04/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst	:: NV		Batch: 2436006
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/06/24	
Dil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/06/24	
urrogate: n-Nonane		72.1 %	50-200	09/03/24	09/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	:: DT		Batch: 2436020
Chloride	78.7	20.0	1	09/05/24	09/05/24	



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WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name Project Numb Project Mana	ber: 010	: Pecos Federal 22 58-0007 ley Giovengo	-3H		Reported: 9/10/2024 5:31:12AM
		FS37 - 9'				
		E408286-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: CG		Batch: 2436028
Benzene	ND	0.0250	1	09/04/24	09/06/24	
Ethylbenzene	ND	0.0250	1	09/04/24	09/06/24	
Toluene	ND	0.0250	1	09/04/24	09/06/24	
p-Xylene	ND	0.0250	1	09/04/24	09/06/24	
p,m-Xylene	ND	0.0500	1	09/04/24	09/06/24	
Fotal Xylenes	ND	0.0250	1	09/04/24	09/06/24	
Surrogate: 4-Bromochlorobenzene-PID		89.5 %	70-130	09/04/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: CG		Batch: 2436028
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/24	09/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.0 %	70-130	09/04/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: NV		Batch: 2436006
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/06/24	
Surrogate: n-Nonane		72.2 %	50-200	09/03/24	09/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	:: DT		Batch: 2436020
Chloride	156	20.0	1	09/05/24	09/05/24	



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WPX Energy - Carlsbad 5315 Buena Vista Dr	Project Name Project Numb		Pecos Federal 22 58-0007	-3H		Reported:
Carlsbad NM, 88220	Project Mana		ley Giovengo		9/10/2024 5:31:12AM	
		FS38 - 9'				
		E408286-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: CG		Batch: 2436028
Benzene	ND	0.0250	1	09/04/24	09/06/24	
Ethylbenzene	ND	0.0250	1	09/04/24	09/06/24	
Toluene	ND	0.0250	1	09/04/24	09/06/24	
p-Xylene	ND	0.0250	1	09/04/24	09/06/24	
o,m-Xylene	ND	0.0500	1	09/04/24	09/06/24	
Total Xylenes	ND	0.0250	1	09/04/24	09/06/24	
urrogate: 4-Bromochlorobenzene-PID		89.9 %	70-130	09/04/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: CG		Batch: 2436028
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/24	09/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.6 %	70-130	09/04/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: NV		Batch: 2436006
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/06/24	
Dil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/06/24	
Surrogate: n-Nonane		65.9 %	50-200	09/03/24	09/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2436020
Chloride	108	20.0	1	09/05/24	09/05/24	



WPX Energy - Carlsbad	Project Name:	East	Pecos Federal 22	-3H		
5315 Buena Vista Dr	Project Numbe	er: 010	58-0007		Reported:	
Carlsbad NM, 88220	Project Manag		9/10/2024 5:31:12AN			
		FS39 - 9'				
		E408286-11				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG			Batch: 2436028
Benzene	ND	0.0250	1	09/04/24	09/06/24	
Ethylbenzene	ND	0.0250	1	09/04/24	09/06/24	
Toluene	ND	0.0250	1	09/04/24	09/06/24	
p-Xylene	ND	0.0250	1	09/04/24	09/06/24	
o,m-Xylene	ND	0.0500	1	09/04/24	09/06/24	
Total Xylenes	ND	0.0250	1	09/04/24	09/06/24	
Surrogate: 4-Bromochlorobenzene-PID		90.3 %	70-130	09/04/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	g Analyst: CG			Batch: 2436028
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/24	09/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.1 %	70-130	09/04/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg Analyst: NV			Batch: 2436006
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/06/24	
Surrogate: n-Nonane		66.7 %	50-200	09/03/24	09/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2436020
Chloride	78.6	20.0	1	09/05/24	09/05/24	



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WPX Energy - Carlsbad	Project Name:	East	Pecos Federal 22	2-3H		
5315 Buena Vista Dr	Project Numbe	er: 010	58-0007		Reported:	
Carlsbad NM, 88220	Project Manag	ger: Ash		9/10/2024 5:31:12AM		
		FS40 - 2-9'				
		E408286-12				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	Analyst: CG		Batch: 2436028
Benzene	ND	0.0250	1	09/04/24	09/06/24	
Ethylbenzene	ND	0.0250	1	09/04/24	09/06/24	
Toluene	ND	0.0250	1	09/04/24	09/06/24	
p-Xylene	ND	0.0250	1	09/04/24	09/06/24	
o,m-Xylene	ND	0.0500	1	09/04/24	09/06/24	
Fotal Xylenes	ND	0.0250	1	09/04/24	09/06/24	
Surrogate: 4-Bromochlorobenzene-PID		89.9 %	70-130	09/04/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2436028
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/24	09/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.3 %	70-130	09/04/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg Analyst: NV			Batch: 2436006
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/06/24	
Dil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/06/24	
Surrogate: n-Nonane		70.0 %	50-200	09/03/24	09/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2436020
Chloride	132	20.0	1	09/05/24	09/05/24	



WPX Energy - Carlsbad	Project Name	: East	Pecos Federal 22	-3H		
5315 Buena Vista Dr	Project Numb	er: 010:	58-0007		Reported:	
Carlsbad NM, 88220	Project Manag		9/10/2024 5:31:12AM			
		FS41 - 9'				
		E408286-13				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG			Batch: 2436028
Benzene	ND	0.0250	1	09/04/24	09/06/24	
Ethylbenzene	ND	0.0250	1	09/04/24	09/06/24	
Toluene	ND	0.0250	1	09/04/24	09/06/24	
p-Xylene	ND	0.0250	1	09/04/24	09/06/24	
p,m-Xylene	ND	0.0500	1	09/04/24	09/06/24	
Fotal Xylenes	ND	0.0250	1	09/04/24	09/06/24	
Surrogate: 4-Bromochlorobenzene-PID		89.7 %	70-130	09/04/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2436028
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/24	09/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.6 %	70-130	09/04/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: NV		Batch: 2436006
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/06/24	
Surrogate: n-Nonane		70.2 %	50-200	09/03/24	09/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2436020
Chloride	314	20.0	1	09/05/24	09/05/24	



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WPX Energy - Carlsbad	Project Name:	East	Pecos Federal 22	-3H			
5315 Buena Vista Dr	Project Numbe	er: 010:	58-0007	Reported:			
Carlsbad NM, 88220	Project Manag	roject Manager: Ashley Giovengo					
		FS42 - 9'					
		E408286-14					
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG			Batch: 2436028	
Benzene	ND	0.0250	1	09/04/24	09/06/24		
Ethylbenzene	ND	0.0250	1	09/04/24	09/06/24		
Toluene	ND	0.0250	1	09/04/24	09/06/24		
p-Xylene	ND	0.0250	1	09/04/24	09/06/24		
o,m-Xylene	ND	0.0500	1	09/04/24	09/06/24		
Total Xylenes	ND	0.0250	1	09/04/24	09/06/24		
Surrogate: 4-Bromochlorobenzene-PID		88.9 %	70-130	09/04/24	09/06/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2436028	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/24	09/06/24		
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.0 %	70-130	09/04/24	09/06/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg Analyst: NV			Batch: 2436006	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/06/24		
Oil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/06/24		
Surrogate: n-Nonane		72.2 %	50-200	09/03/24	09/06/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2436020	
Chloride	87.3	20.0	1	09/05/24	09/05/24		



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WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Project Numb Project Manag	er: 010:	: Pecos Federal 22 58-0007 ley Giovengo	2-3H		Reported: 9/10/2024 5:31:12AM
		FS43 - 9'				
		E408286-15				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG			Batch: 2436028
Benzene	ND	0.0250	1	09/04/24	09/06/24	
Ethylbenzene	ND	0.0250	1	09/04/24	09/06/24	
Foluene	ND	0.0250	1	09/04/24	09/06/24	
p-Xylene	ND	0.0250	1	09/04/24	09/06/24	
p,m-Xylene	ND	0.0500	1	09/04/24	09/06/24	
Fotal Xylenes	ND	0.0250	1	09/04/24	09/06/24	
Surrogate: 4-Bromochlorobenzene-PID		89.0 %	70-130	09/04/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG		Batch: 2436028	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/24	09/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.8 %	70-130	09/04/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg Analyst: NV			Batch: 2436006
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/06/24	
Surrogate: n-Nonane		73.2 %	50-200	09/03/24	09/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2436020
Chloride	136	20.0	1	09/05/24	09/05/24	



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WPX Energy - Carlsbad	Project Name:	: East	Pecos Federal 2	2-3H		
5315 Buena Vista Dr	Project Numb	er: 010	58-0007		Reported:	
Carlsbad NM, 88220	Project Manag	ger: Ash		9/10/2024 5:31:12AN		
		FS44 - 9'				
		E408286-16				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	kg Analyst: CG			Batch: 2436028
Benzene	ND	0.0250	1	09/04/24	09/06/24	
Ethylbenzene	ND	0.0250	1	09/04/24	09/06/24	
Toluene	ND	0.0250	1	09/04/24	09/06/24	
o-Xylene	ND	0.0250	1	09/04/24	09/06/24	
o,m-Xylene	ND	0.0500	1	09/04/24	09/06/24	
Total Xylenes	ND	0.0250	1	09/04/24	09/06/24	
urrogate: 4-Bromochlorobenzene-PID		88.6 %	70-130	09/04/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	g/kg Analyst: CG			Batch: 2436028
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/24	09/06/24	
urrogate: 1-Chloro-4-fluorobenzene-FID		90.8 %	70-130	09/04/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg Analyst: NV			Batch: 2436006
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/06/24	
Dil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/06/24	
Surrogate: n-Nonane		65.8 %	50-200	09/03/24	09/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2436020
Chloride	97.0	20.0	1	09/05/24	09/05/24	



Project Name:	East	Pecos Federal 22	-3H		
Project Numbe	er: 010:	58-0007		Reported:	
Project Manag		9/10/2024 5:31:12AN			
	FS45 - 9'				
	E408286-17				
	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analyst: CG			Batch: 2436028
ND	0.0250	1	09/04/24	09/06/24	
ND	0.0250	1	09/04/24	09/06/24	
ND	0.0250	1	09/04/24	09/06/24	
ND	0.0250	1	09/04/24	09/06/24	
ND	0.0500	1	09/04/24	09/06/24	
ND	0.0250	1	09/04/24	09/06/24	
	88.4 %	70-130	09/04/24	09/06/24	
mg/kg	mg/kg	rg Analyst: CG			Batch: 2436028
ND	20.0	1	09/04/24	09/06/24	
	91.0 %	70-130	09/04/24	09/06/24	
mg/kg	mg/kg	mg/kg Analyst: NV			Batch: 2436006
ND	25.0	1	09/03/24	09/06/24	
ND	50.0	1	09/03/24	09/06/24	
	69.5 %	50-200	09/03/24	09/06/24	
mg/kg	mg/kg	Analys	t: DT		Batch: 2436020
164	20.0	1	09/05/24	09/05/24	
	Project Numbe Project Manag Result mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND	Project Number: 0105 Project Manager: Ashi FS45 - 9' E408286-17 E408286-17 Reporting Result Limit mg/kg mg/kg ND 0.0250 ND 20.0 91.0 % 91.0 % mg/kg mg/kg ND 25.0 ND 50.0 ND 50.0 MD 50.0 MD 50.0 MD 50.0 </td <td>Project Number: 01058-0007 Project Manager: Ashley Giovengo FS45 - 9' E408286-17 Reporting Result Limit Dilution mg/kg mg/kg Analys ND 0.0250 1 ND 20.0 1 mg/kg mg/kg Analys ND 25.0 1 ND 25.0 1 ND 50.0 1 ND 50.0 1 ND 50.0 1 MD<!--</td--><td>Project Number: 01058-0007 Project Manager: Ashley Giovengo FS45 - 9' FS45 - 9' E408286-17 E408286-17 Reporting Reporting Result Limit Dilution Prepared MD 0.0250 1 09/04/24 ND 20.0 1</td><td>Project Number: $01058-0007$ Project Manager: Ashley Giovengo FS45 - 9' E408286-17 E408286-17 Analyzed Result Limit Dilution Prepared Analyzed Mg/kg mg/kg Analyzed 09/06/24 MD 0.0250 1 09/04/24 09/06/24 ND 20.0 1 09/04/24 09/06/24 MD 20.0 1 09/04/24 09/06/24 MD 20.0 1 09/04/24 09/06/24 MD 20.0 1 09/04/24 09/06/24</td></td>	Project Number: 01058-0007 Project Manager: Ashley Giovengo FS45 - 9' E408286-17 Reporting Result Limit Dilution mg/kg mg/kg Analys ND 0.0250 1 ND 20.0 1 mg/kg mg/kg Analys ND 25.0 1 ND 25.0 1 ND 50.0 1 ND 50.0 1 ND 50.0 1 MD </td <td>Project Number: 01058-0007 Project Manager: Ashley Giovengo FS45 - 9' FS45 - 9' E408286-17 E408286-17 Reporting Reporting Result Limit Dilution Prepared MD 0.0250 1 09/04/24 ND 20.0 1</td> <td>Project Number: $01058-0007$ Project Manager: Ashley Giovengo FS45 - 9' E408286-17 E408286-17 Analyzed Result Limit Dilution Prepared Analyzed Mg/kg mg/kg Analyzed 09/06/24 MD 0.0250 1 09/04/24 09/06/24 ND 20.0 1 09/04/24 09/06/24 MD 20.0 1 09/04/24 09/06/24 MD 20.0 1 09/04/24 09/06/24 MD 20.0 1 09/04/24 09/06/24</td>	Project Number: 01058-0007 Project Manager: Ashley Giovengo FS45 - 9' FS45 - 9' E408286-17 E408286-17 Reporting Reporting Result Limit Dilution Prepared MD 0.0250 1 09/04/24 ND 20.0 1	Project Number: $01058-0007$ Project Manager: Ashley Giovengo FS45 - 9' E408286-17 E408286-17 Analyzed Result Limit Dilution Prepared Analyzed Mg/kg mg/kg Analyzed 09/06/24 MD 0.0250 1 09/04/24 09/06/24 ND 20.0 1 09/04/24 09/06/24 MD 20.0 1 09/04/24 09/06/24 MD 20.0 1 09/04/24 09/06/24 MD 20.0 1 09/04/24 09/06/24



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WPX Energy - Carlsbad	Project Name	: East	Pecos Federal 2	2-3H		
5315 Buena Vista Dr	Project Numb	oer: 010	58-0007		Reported:	
Carlsbad NM, 88220	Project Mana	ger: Ash		9/10/2024 5:31:12AN		
		FS46 - 9'				
		E408286-18				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	:g Analyst: CG			Batch: 2436028
Benzene	ND	0.0250	1	09/04/24	09/06/24	
Ethylbenzene	ND	0.0250	1	09/04/24	09/06/24	
Toluene	ND	0.0250	1	09/04/24	09/06/24	
-Xylene	ND	0.0250	1	09/04/24	09/06/24	
o,m-Xylene	ND	0.0500	1	09/04/24	09/06/24	
Total Xylenes	ND	0.0250	1	09/04/24	09/06/24	
urrogate: 4-Bromochlorobenzene-PID		87.5 %	70-130	09/04/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	/kg Analyst: CG			Batch: 2436028
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/24	09/06/24	
urrogate: 1-Chloro-4-fluorobenzene-FID		91.5 %	70-130	09/04/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg Analyst: NV			Batch: 2436006
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/06/24	
Dil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/06/24	
Surrogate: n-Nonane		68.5 %	50-200	09/03/24	09/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: DT		Batch: 2436020
Chloride	77.3	20.0	1	09/05/24	09/05/24	



WPX Energy - Carlsbad	Project Name:	East	Pecos Federal	22-3Н		
5315 Buena Vista Dr	Project Numb	er: 010	58-0007		Reported:	
Carlsbad NM, 88220	Project Manag		9/10/2024 5:31:12AN			
		FS47 - 9'				
		E408286-19				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	g Analyst: CG			Batch: 2436028
Benzene	ND	0.0250	1	09/04/24	09/06/24	
Ethylbenzene	ND	0.0250	1	09/04/24	09/06/24	
Toluene	ND	0.0250	1	09/04/24	09/06/24	
o-Xylene	ND	0.0250	1	09/04/24	09/06/24	
o,m-Xylene	ND	0.0500	1	09/04/24	09/06/24	
Total Xylenes	ND	0.0250	1	09/04/24	09/06/24	
urrogate: 4-Bromochlorobenzene-PID		87.8 %	70-130	09/04/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	kg Analyst: CG			Batch: 2436028
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/24	09/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.0 %	70-130	09/04/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg Analyst: NV			Batch: 2436006
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/06/24	
Dil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/06/24	
Surrogate: n-Nonane		72.3 %	50-200	09/03/24	09/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2436020
Chloride	45.2	20.0	1	09/05/24	09/05/24	



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WPX Energy - Carlsbad	Project Name		Pecos Federal 22	-3H		
5315 Buena Vista Dr	Project Numl			Reported:		
Carlsbad NM, 88220	Project Mana		9/10/2024 5:31:12AN			
		FS48 - 9'				
		E408286-20				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG			Batch: 2436028
Benzene	ND	0.0250	1	09/04/24	09/06/24	
Ethylbenzene	ND	0.0250	1	09/04/24	09/06/24	
Toluene	ND	0.0250	1	09/04/24	09/06/24	
o-Xylene	ND	0.0250	1	09/04/24	09/06/24	
o,m-Xylene	ND	0.0500	1	09/04/24	09/06/24	
Total Xylenes	ND	0.0250	1	09/04/24	09/06/24	
Surrogate: 4-Bromochlorobenzene-PID		88.7 %	70-130	09/04/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2436028
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/24	09/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.9 %	70-130	09/04/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	ng/kg Analyst: NV			Batch: 2436006
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/06/24	
Dil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/06/24	
Surrogate: n-Nonane		71.1 %	50-200	09/03/24	09/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	:: DT		Batch: 2436020
Chloride	136	20.0	1	09/05/24	09/05/24	



	5	ampic D	ala			
WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name Project Numb Project Mana	oer: 010	Pecos Federal 22 58-0007 ley Giovengo	2-3H		Reported: 9/10/2024 5:31:12AM
		FS49 - 9'				
		E408286-21				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG			Batch: 2436031
Benzene	ND	0.0250	1	09/04/24	09/06/24	
thylbenzene	ND	0.0250	1	09/04/24	09/06/24	
oluene	ND	0.0250	1	09/04/24	09/06/24	
o-Xylene	ND	0.0250	1	09/04/24	09/06/24	
o,m-Xylene	ND	0.0500	1	09/04/24	09/06/24	
Total Xylenes	ND	0.0250	1	09/04/24	09/06/24	
urrogate: 4-Bromochlorobenzene-PID		98.5 %	70-130	09/04/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG		Batch: 2436031	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/24	09/06/24	
urrogate: 1-Chloro-4-fluorobenzene-FID		95.2 %	70-130	09/04/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2436026	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/24	09/07/24	
Dil Range Organics (C28-C36)	ND	50.0	1	09/04/24	09/07/24	
urrogate: n-Nonane		86.7 %	50-200	09/04/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	ıt: IY		Batch: 2436030
Chloride	69.4	20.0	1	09/04/24	09/04/24	



	D					
WPX Energy - Carlsbad	Project Name	e: East	Pecos Federal 22			
5315 Buena Vista Dr	Project Numb	ber: 010	58-0007		Reported:	
Carlsbad NM, 88220	Project Mana	9/10/2024 5:31:12AM				
		FS50 - 9'				
		E408286-22				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG			Batch: 2436031
Benzene	ND	0.0250	1	09/04/24	09/06/24	
Ethylbenzene	ND	0.0250	1	09/04/24	09/06/24	
Foluene	ND	0.0250	1	09/04/24	09/06/24	
o-Xylene	ND	0.0250	1	09/04/24	09/06/24	
o,m-Xylene	ND	0.0500	1	09/04/24	09/06/24	
Fotal Xylenes	ND	0.0250	1	09/04/24	09/06/24	
Surrogate: 4-Bromochlorobenzene-PID		97.6 %	70-130	09/04/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG		Batch: 2436031	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/24	09/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.9 %	70-130	09/04/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	ng/kg Analyst: NV		Batch: 2436026	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/24	09/07/24	
Dil Range Organics (C28-C36)	ND	50.0	1	09/04/24	09/07/24	
Surrogate: n-Nonane		79.3 %	50-200	09/04/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: IY		Batch: 2436030
Chloride	102	20.0	1	09/04/24	09/04/24	



			ata			
WPX Energy - Carlsbad	Project Name:	: East	Pecos Federal 22	2-3Н		
5315 Buena Vista Dr	Project Numb	er: 010	58-0007			Reported:
Carlsbad NM, 88220	Project Manag	ger: Ash	ley Giovengo			9/10/2024 5:31:12AM
		FS51 - 9'				
		E408286-23				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: CG		Batch: 2436031
Benzene	ND	0.0250	1	09/04/24	09/06/24	
Ethylbenzene	ND	0.0250	1	09/04/24	09/06/24	
Toluene	ND	0.0250	1	09/04/24	09/06/24	
p-Xylene	ND	0.0250	1	09/04/24	09/06/24	
o,m-Xylene	ND	0.0500	1	09/04/24	09/06/24	
Total Xylenes	ND	0.0250	1	09/04/24	09/06/24	
Surrogate: 4-Bromochlorobenzene-PID		98.0 %	70-130	09/04/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: CG		Batch: 2436031
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/24	09/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130	09/04/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2436026
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/24	09/07/24	
Surrogate: n-Nonane		86.3 %	50-200	09/04/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: IY		Batch: 2436030
Chloride	59.1	20.0	1	09/04/24	09/04/24	



		ampic D				
WPX Energy - Carlsbad	Project Name	: East	Pecos Federal 22	-3H		
5315 Buena Vista Dr	Project Numb	oer: 010	58-0007			Reported:
Carlsbad NM, 88220	Project Manag	ger: Ash	ley Giovengo			9/10/2024 5:31:12AM
		FS52 - 9'				
		E408286-24				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: CG		Batch: 2436031
Benzene	ND	0.0250	1	09/04/24	09/06/24	
Ethylbenzene	ND	0.0250	1	09/04/24	09/06/24	
Toluene	ND	0.0250	1	09/04/24	09/06/24	
o-Xylene	ND	0.0250	1	09/04/24	09/06/24	
o,m-Xylene	ND	0.0500	1	09/04/24	09/06/24	
Fotal Xylenes	ND	0.0250	1	09/04/24	09/06/24	
Surrogate: 4-Bromochlorobenzene-PID		96.0 %	70-130	09/04/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: CG		Batch: 2436031
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/24	09/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.7 %	70-130	09/04/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: NV		Batch: 2436026
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/24	09/07/24	
Dil Range Organics (C28-C36)	ND	50.0	1	09/04/24	09/07/24	
Surrogate: n-Nonane		84.2 %	50-200	09/04/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: IY		Batch: 2436030
Chloride	123	20.0	1	09/04/24	09/04/24	



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr		Project Name: Project Number:		ast Pecos Fede 1058-0007	eral 22-3H				Reported:
Carlsbad NM, 88220		Project Manager:		shley Giovens	20				9/10/2024 5:31:12AM
		, 6							
		Volatile O	rganics I	oy EPA 802	21B				Analyst: CG
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2436028-BLK1)							Prepared: 0	9/04/24 /	Analyzed: 09/06/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.88		8.00		86.0	70-130			
LCS (2436028-BS1)							Prepared: 0	9/04/24	Analyzed: 09/06/24
Benzene	4.21	0.0250	5.00		84.2	70-130			
Ethylbenzene	4.05	0.0250	5.00		80.9	70-130			
Toluene	4.14	0.0250	5.00		82.8	70-130			
o-Xylene	4.00	0.0250	5.00		80.0	70-130			
p,m-Xylene	8.24	0.0500	10.0		82.4	70-130			
Total Xylenes	12.2	0.0250	15.0		81.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.00		8.00		87.5	70-130			
Matrix Spike (2436028-MS1)				Source:	E408286-0	8	Prepared: 0	9/04/24	Analyzed: 09/06/24
Benzene	4.44	0.0250	5.00	ND	88.7	54-133			
Ethylbenzene	4.27	0.0250	5.00	ND	85.3	61-133			
Toluene	4.36	0.0250	5.00	ND	87.1	61-130			
p-Xylene	4.23	0.0250	5.00	ND	84.6	63-131			
p,m-Xylene	8.67	0.0500	10.0	ND	86.7	63-131			
Total Xylenes	12.9	0.0250	15.0	ND	86.0	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.03		8.00		87.9	70-130			
Matrix Spike Dup (2436028-MSD1)					E408286-0		-		Analyzed: 09/06/24
Benzene	5.12	0.0250	5.00	ND	102	54-133	14.3	20	
Ethylbenzene	4.92	0.0250	5.00	ND	98.5	61-133	14.3	20	
Toluene	5.04	0.0250	5.00	ND	101	61-130	14.5	20	
p-Xylene	4.88	0.0250	5.00	ND	97.7	63-131	14.3	20	
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131	14.3	20	
	14.9	0.0250	15.0	ND	99.2	63-131	14.3	20	



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr		Project Name: Project Number:		ast Pecos Fede 1058-0007	eral 22-3H				Reported:
									0/10/2024 5 21 12 434
Carlsbad NM, 88220		Project Manager:	А	shley Gioveng	go				9/10/2024 5:31:12AM
		Volatile O	rganics l	by EPA 802	21B				Analyst: CG
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2436031-BLK1)							Prepared: 0	9/04/24	Analyzed: 09/06/24
Benzene	ND	0.0250							•
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.68		8.00		96.0	70-130			
LCS (2436031-BS1)							Prepared: 0	9/04/24	Analyzed: 09/06/24
Benzene	5.17	0.0250	5.00		103	70-130			
Ethylbenzene	4.96	0.0250	5.00		99.1	70-130			
Toluene	5.08	0.0250	5.00		102	70-130			
p-Xylene	4.95	0.0250	5.00		99.1	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.0	0.0250	15.0		100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.85		8.00		98.1	70-130			
Matrix Spike (2436031-MS1)				Source:	E409005-0)4	Prepared: 0	9/04/24	Analyzed: 09/06/24
Benzene	5.14	0.0250	5.00	ND	103	54-133			
Ethylbenzene	4.94	0.0250	5.00	ND	98.7	61-133			
Toluene	5.06	0.0250	5.00	ND	101	61-130			
p-Xylene	4.92	0.0250	5.00	ND	98.4	63-131			
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131			
Total Xylenes	14.9	0.0250	15.0	ND	99.7	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.81		8.00		97.6	70-130			
Matrix Spike Dup (2436031-MSD1)				Source:	E409005-0)4	Prepared: 0	9/04/24	Analyzed: 09/06/24
Benzene	5.16	0.0250	5.00	ND	103	54-133	0.398	20	
Ethylbenzene	4.97	0.0250	5.00	ND	99.5	61-133	0.715	20	
Toluene	5.08	0.0250	5.00	ND	102	61-130	0.424	20	
p-Xylene	4.96	0.0250	5.00	ND	99.1	63-131	0.758	20	
p,m-Xylene	10.1	0.0500	10.0	ND	101	63-131	0.660	20	
Total Xylenes	15.1	0.0250	15.0	ND	100	63-131	0.692	20	
Total Aylenes									



QC Summary Data

		QC D	u 111111	ary Date	4				
WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	C	East Pecos Fede)1058-0007 Ashley Gioveng					Reported: 9/10/2024 5:31:12AM
	Noi	nhalogenated O	rganics	s by EPA 801	15D - G	RO			Analyst: CG
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2436028-BLK1)							Prepared: 0	9/04/24 A	nalyzed: 09/06/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.31		8.00		91.4	70-130			
LCS (2436028-BS2)							Prepared: 0	9/04/24 A	nalyzed: 09/06/24
Gasoline Range Organics (C6-C10)	35.8	20.0	50.0		71.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.43		8.00		92.8	70-130			
Matrix Spike (2436028-MS2)				Source:	E408286-	08	Prepared: 0	9/04/24 A	nalyzed: 09/06/24
Gasoline Range Organics (C6-C10)	37.2	20.0	50.0	ND	74.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.38		8.00		92.3	70-130			
Matrix Spike Dup (2436028-MSD2)				Source:	E408286-	08	Prepared: 0	9/04/24 A	nalyzed: 09/06/24
Gasoline Range Organics (C6-C10)	39.6	20.0	50.0	ND	79.1	70-130	6.19	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.37		8.00		92.1	70-130			



QC Summary Data

		QU D	u	ary Data					
WPX Energy - Carlsbad 5315 Buena Vista Dr		Project Name: Project Number:	0	ast Pecos Fede					Reported:
Carlsbad NM, 88220		Project Manager:	A	shley Gioveng	go				9/10/2024 5:31:12AM
	Noi	nhalogenated C	Organics	by EPA 80	15D - Gl	RO			Analyst: CG
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2436031-BLK1)							Prepared: 0	9/04/24 A	nalyzed: 09/06/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.64		8.00		95.5	70-130			
LCS (2436031-BS2)							Prepared: 0	9/04/24 A	nalyzed: 09/06/24
Gasoline Range Organics (C6-C10)	44.0	20.0	50.0		88.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.83		8.00		97.9	70-130			
Matrix Spike (2436031-MS2)				Source:	E409005-	04	Prepared: 0	9/04/24 A	nalyzed: 09/06/24
Gasoline Range Organics (C6-C10)	42.1	20.0	50.0	ND	84.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.65		8.00		95.7	70-130			
Matrix Spike Dup (2436031-MSD2)				Source:	E409005-	04	Prepared: 0	9/04/24 A	nalyzed: 09/06/24
Gasoline Range Organics (C6-C10)	42.9	20.0	50.0	ND	85.9	70-130	2.06	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.68		8.00		96.0	70-130			



QC Summary Data

		QU D	u	ary Date					
WPX Energy - Carlsbad 5315 Buena Vista Dr		Project Name: Project Number:	(East Pecos Fede 11058-0007					Reported: 9/10/2024 5:31:12AM
Carlsbad NM, 88220		Project Manager:		Ashley Gioveng	go				9/10/2024 5:31:12AM
	Nonha	alogenated Org	anics by	y EPA 8015E) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2436006-BLK1)							Prepared: 0	9/03/24 A	analyzed: 09/06/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	35.8		50.0		71.5	50-200			
LCS (2436006-BS1)							Prepared: 0	9/03/24 A	analyzed: 09/06/24
Diesel Range Organics (C10-C28)	181	25.0	250		72.3	38-132			
Surrogate: n-Nonane	37.9		50.0		75.8	50-200			
Matrix Spike (2436006-MS1)				Source:	E408286-	01	Prepared: 0	9/03/24 A	analyzed: 09/06/24
Diesel Range Organics (C10-C28)	181	25.0	250	ND	72.6	38-132			
Surrogate: n-Nonane	37.8		50.0		75.5	50-200			
Matrix Spike Dup (2436006-MSD1)				Source:	E408286-	01	Prepared: 0	9/03/24 A	analyzed: 09/06/24
Diesel Range Organics (C10-C28)	184	25.0	250	ND	73.5	38-132	1.29	20	
Surrogate: n-Nonane	37.9		50.0		75.8	50-200			



QC Summary Data

		QU D	u 111111						
WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	(East Pecos Fede 01058-0007 Ashley Gioveng					Reported: 9/10/2024 5:31:12AM
	Nonha	alogenated Org				/ORO			Analyst: NV
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2436026-BLK1)							Prepared: 0	9/04/24 /	Analyzed: 09/06/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	42.2		50.0		84.5	50-200			
LCS (2436026-BS1)							Prepared: 0	9/04/24 <i>A</i>	Analyzed: 09/06/24
Diesel Range Organics (C10-C28)	210	25.0	250		83.9	38-132			
Surrogate: n-Nonane	45.3		50.0		90.5	50-200			
Matrix Spike (2436026-MS1)				Source:	E408282-2	21	Prepared: 0	9/04/24 A	Analyzed: 09/06/24
Diesel Range Organics (C10-C28)	200	25.0	250	ND	80.1	38-132			
Surrogate: n-Nonane	43.7		50.0		87.5	50-200			
Matrix Spike Dup (2436026-MSD1)				Source:	E408282-2	21	Prepared: 0	9/04/24 A	Analyzed: 09/06/24
Diesel Range Organics (C10-C28)	194	25.0	250	ND	77.8	38-132	2.98	20	
Surrogate: n-Nonane	41.8		50.0		83.5	50-200			



QC Summary Data

		C	-	·····	-				
WPX Energy - Carlsbad		Project Name:]	East Pecos Fede	eral 22-3H				Reported:
5315 Buena Vista Dr		Project Number:		01058-0007					•
Carlsbad NM, 88220		Project Manager	: .	Ashley Gioveng	ço				9/10/2024 5:31:12AM
		Anions	by EPA	300.0/9056A	۱.				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2436020-BLK1)							Prepared: 0	9/05/24 A	Analyzed: 09/05/24
Chloride	ND	20.0							
LCS (2436020-BS1)							Prepared: 0	9/05/24 A	Analyzed: 09/05/24
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2436020-MS1)				Source:	E408286-0	7	Prepared: 0	9/05/24 A	Analyzed: 09/05/24
Chloride	345	20.0	250	95.6	99.7	80-120			
Matrix Spike Dup (2436020-MSD1)				Source:	E408286-0	7	Prepared: 0	9/05/24 A	Analyzed: 09/05/24
Chloride	366	20.0	250	95.6	108	80-120	5.86	20	



QC Summary Data

				J					
WPX Energy - Carlsbad		Project Name:		East Pecos Fede	eral 22-3H				Reported:
5315 Buena Vista Dr		Project Number:		01058-0007					
Carlsbad NM, 88220		Project Manager	:	Ashley Gioveng	go				9/10/2024 5:31:12AM
		Anions	by EPA	300.0/9056	4				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2436030-BLK1)							Prepared: 0	9/04/24 A	Analyzed: 09/04/24
Chloride	ND	20.0							
LCS (2436030-BS1)							Prepared: 0	9/04/24 A	Analyzed: 09/04/24
Chloride	251	20.0	250		101	90-110			
Matrix Spike (2436030-MS1)				Source:	E408286-2	22	Prepared: 0	9/04/24 A	Analyzed: 09/04/24
Chloride	358	20.0	250	102	102	80-120			
Matrix Spike Dup (2436030-MSD1)				Source:	E408286-2	22	Prepared: 0	9/04/24 A	Analyzed: 09/04/24
Chloride	333	20.0	250	102	92.4	80-120	7.22	20	

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



WPX E	nergy - Carlsbad	Project Name:	East Pecos Federal 22-3H	
5315 Bu	uena Vista Dr	Project Number:	01058-0007	Reported:
Carlsba	d NM, 88220	Project Manager:	Ashley Giovengo	09/10/24 05:31

ND Analyte NOT DETECTED at or above the reporting limit	i
---	---

- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

City, State, Zip: Carlsbad NM, 88220 City, State, Zip: Carlsbad NM, 88220 City, State, Zip: Carlsbad NM, 88220 Internet: G375687.5797 Email: ill:nraley@dvn.com Miscellaneous: Jim Raley Sample Information	Client Information Client: WPX Energy Permian, LLC				Invoice Information Company: WPX Energy Permian, LLC				Lab Use Only							TAT		State			
11:10 8/29/2024 Sd 1 FS31-9' 3 x								Lab	Lab WO# Job Nur				ber		1D 2	D 3D	Std	NM	OUT	TTX	
11:10 8/29/2024 Sd 1 FS31-9' 3 x	Project: East Pecos Federal 22-3H													TC							
11:10 8/29/2024 Sd 1 FS31 - 9' 3 X <td>Project N</td> <td>lanager: Ash</td> <td>ley Giove</td> <td>engo</td> <td></td> <td></td> <td></td> <td>1, 88220</td> <td>_</td> <td></td>	Project N	lanager: Ash	ley Giove	engo				1, 88220	_												
11:10 8/29/2024 Sd 1 FS31 - 9' 3 x <td></td> <td></td> <td></td> <td>provide the second s</td> <td></td> <td>Phone: (575</td> <td>5)689-7597</td> <td></td> <td>_</td> <td colspan="4">Ana</td> <td colspan="3">alysis and Met</td> <td></td> <td></td> <td></td> <td>Progra</td> <td>m</td>				provide the second s		Phone: (575	5)689-7597		_	Ana				alysis and Met						Progra	m
11:10 8/29/2024 Sd 1 FS31 - 9' 3 X <td></td> <td></td> <td></td> <td>88220</td> <td></td> <td>Email: jim.r</td> <td>raley@dvn.com</td> <td></td> <td>_</td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>SI</td> <td>DWA</td> <td>CWA</td> <td>RCRA</td>				88220		Email: jim.r	raley@dvn.com		_	-								SI	DWA	CWA	RCRA
11:10 8/29/2024 Sd 1 FS31 - 9' 3 x <td></td> <td></td> <td></td> <td></td> <td></td> <td>Miscellaneou</td> <td>is: Jim Raley</td> <td></td> <td>_</td> <td></td> <td></td> <td></td>						Miscellaneou	is: Jim Raley											_			
11:10 8/29/2024 Sd 1 FS31 - 9' 3 x <td>mail: a</td> <td>giovengo@er</td> <td>solum.co</td> <td>om</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>3015</td> <td>3015</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Y</td> <td>or</td>	mail: a	giovengo@er	solum.co	om						3015	3015									Y	or
11:10 8/29/2024 Sd 1 FS31 - 9' 3 x <td></td> <td></td> <td></td> <td></td> <td>Comple Ir</td> <td>formation</td> <td></td> <td></td> <td></td> <td></td> <td>by 8</td> <td>560</td> <td>300.0</td> <td>MN</td> <td>¥-</td> <td>etals</td> <td></td> <td>PV</td> <td>NSID #</td> <td></td> <td></td>					Comple Ir	formation					by 8	560	300.0	MN	¥-	etals		PV	NSID #		
11:10 8/29/2024 Sd 1 FS31 - 9' 3 x <td>Time</td> <td></td> <td>-</td> <td></td> <td>Sample II</td> <td>normation</td> <td></td> <td></td> <td>Lah</td> <td>ORO</td> <td>DRO</td> <td>by 8.</td> <td>ide</td> <td>- 20</td> <td>1005</td> <td>8</td> <td></td> <td></td> <td>F</td> <td>Remarks</td> <td></td>	Time		-		Sample II	normation			Lah	ORO	DRO	by 8.	ide	- 20	1005	8			F	Remarks	
11:10 8/29/2024 Sd 1 FS31 - 9' 3 x <td>Sampled</td> <td></td> <td>Matrix</td> <td></td> <td></td> <td></td> <td></td> <td>Field</td> <td>Number</td> <td>DRO/</td> <td>GRO/</td> <td>voct</td> <td>Chlor</td> <td>BGDC</td> <td>TCEQ</td> <td>RCRA</td> <td></td> <td></td> <td></td> <td>Verifiar K3</td> <td>-</td>	Sampled		Matrix					Field	Number	DRO/	GRO/	voct	Chlor	BGDC	TCEQ	RCRA				Verifiar K3	-
11:10 8/29/2024 Sd 1 FS31 - 9' 3 x <td>10:56</td> <td></td> <td>Sd</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td>x</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	10:56		Sd	1					1					x							
Sd 1 11:17 8/29/2024 Sd 1 FS32 - 9' Y X I 11:17 8/29/2024 Sd 1 FS32 - 9' Y Y X I 11:20 8/29/2024 Sd 1 FS33 - 9' S X I I 11:20 8/29/2024 Sd 1 FS33 - 9' S X I I 12:26 8/29/2024 Sd 1 FS35 - 9' 7 X I I 12:29 8/29/2024 Sd 1 FS36 - 9' 8 X I I 12:31 8/29/2024 Sd 1 FS36 - 9' 8 X I I 12:37 8/29/2024 Sd 1 FS38 - 9' 10 X I I 12:37 8/29/2024 Sd 1 FS38 - 9' 10 X I I 12:37 8/29/2024 Sd 1 FS38 - 9' 10 X I I 12:37 8/29/2024 <th< td=""><td>11:03</td><td>8/29/2024</td><td>Sd</td><td>1</td><td></td><td>FS30 - 9'</td><td></td><td></td><td>2</td><td>1</td><td></td><td></td><td></td><td>x</td><td></td><td></td><td></td><td>_</td><td></td><td></td><td></td></th<>	11:03	8/29/2024	Sd	1		FS30 - 9'			2	1				x				_			
Sd 1 K	11:10	8/29/2024	Sd	1		FS31 - 9'			3					x							
Sd 1 12:26 Sd 1 FS34 - 9' X X X X X 12:29 8/29/2024 Sd 1 FS35 - 9' 7 X X X X X X 12:29 8/29/2024 Sd 1 FS35 - 9' 7 X <t< td=""><td>11:17</td><td>8/29/2024</td><td>Sd</td><td>1</td><td></td><td>FS32 - 9'</td><td></td><td></td><td>4</td><td></td><td></td><td></td><td></td><td>x</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	11:17	8/29/2024	Sd	1		FS32 - 9'			4					x							
Allow Sd 1 Additional FS35 - 9' 7 X Image: Constraint of the system of the s	11:20	8/29/2024	Sd	1		FS33 - 9'			5					x							
12:29 $8/29/2024$ Sd 1 FS35 - 9' 7 X Image: Stand	12:26	8/29/2024	Sd	1	FS34 - 9'			6					x								
Sd 1 Sd 1 12:34 8/29/2024 Sd 1 FS37 - 9' 9 9 x 1 12:37 8/29/2024 Sd 1 FS38 - 9' 10 x 1 12:37 8/29/2024 Sd 1 FS38 - 9' 10 x 1 Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, bdeal@ensolum, chamilton@ensolum.com, bbimmons@ensolum.com Sampled by: Olde Burton	12:29	8/29/2024	Sd	1		FS35 - 9'			7					x							
12:34 8/29/2024 Sd 1 FS37 - 9' 9 X 1 12:37 8/29/2024 Sd 1 FS38 - 9' 10 X 1 Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, bdeal@ensolum, chamilton@ensolum.com, osimmons@ensolum.com X 1 Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, bdeal@ensolum, chamilton@ensolum.com, osimmons@ensolum.com X 1 Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, bdeal@ensolum, chamilton@ensolum.com, osimmons@ensolum.com Sampler), attest to the validity and authenticity of this sample. I am aware that tampering withor intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Cole Burton	12:31	8/29/2024	Sd	1		FS36 - 9'			8					x							
Sd 1 Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, bdeal@ensolum, chamilton@ensolum.com, bsimmons@ensolum.com bsimmons@ensolum.com	12:34	8/29/2024	Sd	1		FS37 - 9'								x							
bimmons@ensolum.com (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering withor intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:	12:37	8/29/2024	Sd	1		FS38 - 9'	1		10					x							
Relinquished by: (Signature) Date 7:36 Received by: (Signature) Relinquished by: (Signature) Received by: (Signature) Date Time Add Samples requiring thermal preservation must be received on ice the day the sampled or received packed in ice at an avg temp above 0 but less than 6 of rubconvent dayse Lab Lise Only	osimmo , (field sam	ns@ensolum pler), attest to the	com																	im.com	
Religning bed by (Signature) Date Time Received by (Signature) Date Time Lab Use Only	Relinquish	ed by: (Signatur	z	Date B	30/24 Time	3.6 Received	by: (Signature)	Deste	31.24	Time	NH	0									
	Relinquished by: (Signature) Date Time				500 Received by: (Signature)			-	Time		Lab Use Only Received on ice: (Y) / N										
Relinguished by: (Signature) Date Time Received by: (Signature) Date Time	Relinnuished by: (Signature) Date Time 8.36.24 2						Date	+24	lime				<u>T1 T2 T3</u>								
				Received by: (Signature)																	
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA		CALL - COMPANY STATE OF											_	_	_						
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.					-								ofatt	the cli	ent exp	ense. T	he report	for the ar	nalysis of	the above	sample
Chain of Custody

	Clie	nt Inform	ation		Invoice Inform	nation			La	b Use	e Onl	ly				TAT			Stat	e
lient: V	VPX Energy P	ermian, L	LC	Co	ompany: WPX Energy F	Permian, LLC	Lab	WO#			JobN	lumb	ber		1D	2D 3D	Std	NM	CO UT	TX
roject:	East Pecos Fe	deral 22	-3H		ddress: 5315 Buena Vis	EY	08:	284	> (010	58-1	000	7	X X			3			
	Manager: Ash				ty, State, Zip: Carlsbad	NM, 88220	8220													
	3122 Nation				one: (575)689-7597	-	Analysi						sis and Method					PA Progra	am	
	e, Zip: Carls	and the second s	88220		Email: jim.raley@dvn.com													SDWA	CWA	RCRA
	575-988-0055			Miso	Miscellaneous: Jim Raley												1 6	Complian		OF
mail: a	giovengo@er	isolum.co	om				-	8015	8015			0			2		I F	PWSID #		
			9	ample Informatio	on			o by	Vd O	8021	3260	300.	WN	5-17	Meta		1 1	T TOTO I		
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID	Field	Lab Number	DRO/ORO by 8015	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Remarks	
13:07	8/29/2024	Sd	1		FS39 - 9'		11						x							e TX Am RCRA or N
12:37	8/29/2024	Sd	1		FS40 - 2-9'		12						x							
12:39	8/29/2024	Sd	1		FS41 - 9'		13						x							
12:40	8/29/2024	Sd	1		FS42 - 9'		14						x							
12:40	8/29/2024	Sd	1		FS43 - 9'		15						x							
12:46	8/29/2024	Sd	1	FS44 - 9'			16						x							
12:43	8/29/2024	Sd	1		FS45 - 9'		17						x							
12:42	8/29/2024	Sd	1		FS46 - 9'		18						x							
12:45	8/29/2024	Sd	1		FS47 - 9'		19	1					x							
12:44	8/29/2024	Sd	1		FS48 - 9' giovengo@ensolum.co		20						x							
elinquish	ns@ensolum	e)	l authenticity of this :	Time Time Time Time Time Time	tampering with or intentionally Received by: (Signature) Received by: (Signature) Received by: (Signature) Received by: (Signature) Received by: (Signature)	Date		date o	800 500	of coller	ction i	s consi	idered Sample sample	fraud a	and ma ing the reived p	y be ground mal preserva acked in ice a	ds for leg ation mus at an avg t		on ice the day	they are
			dge, A - Aqueous, O -		Received by. (Signature)		iner Type			p - po	oly/pl		20 - 2	Tem	r glas	<u>د</u> 5, v - VOA				
Note: Sam	ples are discard	ed 14 days	after results are re		rrangements are made. Haza	ardous samples will b	e returne	d to c	lient o	r dispo			he clie	nt exp	ense.	The repor	t for th	r o	of the abov	e samples i

Chain of Custody

	Clier	nt Inform	ation		6	Invoice Inform	nation	Lab Use Only TAT						AT		Stat	e			
lient [.] V	/PX Energy Po					ompany: WPX Energy		Lab	WO#				Jumb	ber			3D Std	NM	CO UT	TX
	East Pecos Fe					ddress: 5315 Buena Vis				28			58-				x	x		
	lanager: Ash				C	ity, State, Zip: Carlsbad	-	-		-	3									
ddress:	3122 Nation	al Parks	Hwy		Ph	one: (575)689-7597	-				Ana	lysis	sis and Method				Page <u>5</u> of State NM CO UT TX x EPA Program SDWA CWA RCRA Compliance Y or N PWSID # Remarks			
	e, Zip: Carlst		88220	_		mail: jim.raley@dvn.co	m	_										SDWA	CWA	RCRA
	75-988-0055				Mis	cellaneous: Jim Raley												Constitution		
mail: a	giovengo@er	nsolum.co	om						8015	8015						s		Compliand PWSID #	e r	
				Samr	le Informati	on			DRO/ORO by 8015	yd C	8021	260	Chloride 300.0	WN	TCEQ 1005 - TX	RCRA 8 Metals		1 10 10 #	1	
Time			No. of	Jan	ne mormae	500 Tr 6	e a	Lab	/OR	GRO/DRO by	BTEX by 8021	VOC by 8260	ride	BGDOC - NM	100	A 8 A			Remarks	5
Sampled	Date Sampled	Matrix	Containers			Sample ID	Field	Number	DRO	GRO	BTE	VOC	Chlo	BGD	TCEO	RCR				
12:23	8/29/2024	Sd	1			FS49 - 9'		21					1	x						
12:21	8/29/2024	Sd	1			FS50 - 9'		22						x						
10:45	8/29/2024	Sd	1			FS51 - 9'		23						x		-				
	0/00/0004	54	-			5052 01		-		-	-	-	-		-					
12:49	8/29/2024	Sd	1			FS52 - 9'		24						x						
				-																
	1		1																	
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			ase CC: cb	ourton@en	solum.com,	agiovengo@ensolum.c	om, jim.raley@d	vn.com	, iest	rella(@ens	olum	n.com	n, bde	eal@	ensolur	n, chamilt	on@enso	lum.com	ι,
simmo (field san	ns@ensolum	.com	authenticity	v of this sample	e. I am aware tha	t tampering with or intentionall	mislabeling the sampl	e location	, date d	or time	of colle	ction i	s consi	dered	fraud an	nd may be	grounds for le	egal action.		
	:Cole Burton	- tenatoj en		,		Ω_{4}														
elinquish	ed by: (Signatur	R	Date	120/24	Time 7:30	Received by (Signature)	Date	30:29	Time	12	10	2				-	preservation mu I in ice at an avg			
	ed/by: (Signatur		Date	an ail	Time	Received by: (Signature)	Date		Time		-			cubceau	ient day		Lab U	se Only		
(1	Ben		N.	30.29	1500	J. A. H.	8.3	00.24	1	80	00		-	Rece	ived o	on ice:	(Y / N			
elinguist	ed by: (Signatur	e)	Date		Time	Received by: (Signature)	Date		Time		4									
A	Н.			30:24	2400	hight R H	4.4	24	-	500	0			<u>T1</u>			<u>T2</u>		<u>T3</u>	
elinquish	ed by: (Signatur	e)	Date		Time	Received by: (Signature)	Date		Time				X	110	Tam	00 (4			
ample Ma	trix: S - Soil, Sd - S	olid Sa - Shu	dge A - Agur	eous 0 - Otho			Conta	iner Tvn	e. a -	plass	p - nc	olv/pl	astic	20 - 2	Temp	glace V	- VOAI	1		
						arrangements are made. Haz								he clie	nt exp	ense. The		he analysis o	of the abov	ve samples
						e liability of the laboratory is														

Released to Imaging: 11/1/2024 11:50:08 AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

lient:	WPX Energy - Carlsbad	Date Received:	09/03/24 06	:00	Work Order ID: E408286
Phone:	(539) 573-4018	Date Logged In:	08/30/24 16	:35	Logged In By: Raina Schwanz
Email:	ashley.giovengo@wesominc.com	Due Date:	09/09/24 17	2:00 (4 day TAT)	
Chain of	f Custody (COC)				
1. Does t	the sample ID match the COC?		Yes		
2. Does t	the number of samples per sampling site location mate	h the COC	Yes		
3. Were s	samples dropped off by client or carrier?		Yes	Carrier: C	Courier
4. Was th	ne COC complete, i.e., signatures, dates/times, request	ed analyses?	Yes	_	
5. Were a	all samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssior		Yes		Comments/Resolution
Sample '	<u>Turn Around Time (TAT)</u>				
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes		Copy from E408285. Project: East Pecos
Sample	<u>Cooler</u>				Federal 22-3H split between workorders
7. Was a	sample cooler received?		Yes		E408285 & E408286 due to sample
8. If yes,	was cooler received in good condition?		Yes		volume.
9. Was th	he sample(s) received intact, i.e., not broken?		Yes		· orunie.
10. Were	custody/security seals present?		No		
11. If yes	s, were custody/security seals intact?		NA		
12. Was t	he sample received on ice? If yes, the recorded temp is 4°C, i Note: Thermal preservation is not required, if samples are		Yes		
12 Ifno	minutes of sampling visible ice, record the temperature. Actual sample t	amparatura: 1º	ic.		
		emperature. <u>4</u>	<u>c</u>		
	Container_ aqueous VOC samples present?		Na		
	VOC samples collected in VOA Vials?		No NA		
	e head space less than 6-8 mm (pea sized or less)?		NA		
	a trip blank (TB) included for VOC analyses?		NA		
	non-VOC samples collected in the correct containers?		Yes		
	appropriate volume/weight or number of sample contained	ers collected?	Yes		
Field La			100		
	field sample labels filled out with the minimum infor	mation:			
	Sample ID?		Yes		
	Date/Time Collected?		Yes		
	Collectors name?		Yes		
	Preservation	10	Ът		
	the COC or field labels indicate the samples were pre	eserved?	No		
	sample(s) correctly preserved?	stolo?	NA		
	o filteration required and/or requested for dissolved me	51a1S (No		
	ase Sample Matrix	0			
	the sample have more than one phase, i.e., multiphase		No		
	s, does the COC specify which phase(s) is to be analyz	zed?	NA		
27. If ye					
27. If yes <u>Subcont</u>	ract Laboratory				
27. If yes <u>Subcont</u> 28. Are s			No NA S	Subcontract Lab	



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5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

WPX Energy - Carlsbad

Project Name: East Pecos Federal 22-3H

Work Order: E409186

Job Number: 01058-0007

Received: 9/23/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/24/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 9/24/24

Ashley Giovengo 5315 Buena Vista Dr Carlsbad, NM 88220

Project Name: East Pecos Federal 22-3H Workorder: E409186 Date Received: 9/23/2024 5:30:00AM

Ashley Giovengo,



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Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/23/2024 5:30:00AM, under the Project Name: East Pecos Federal 22-3H.

The analytical test results summarized in this report with the Project Name: East Pecos Federal 22-3H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

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v		Sample Summary								
WPX Energy - Carlsbad 5315 Buena Vista Dr		Project Name: Project Number:	East Pecos Federal 2 01058-0007	22-3H	Reported:					
Carlsbad NM, 88220		Project Manager:	Ashley Giovengo		09/24/24 10:51					
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container					
SW01 - 0 - 2'	E409186-01A	Soil	09/20/24	09/23/24	Glass Jar, 2 oz.					
FS24 - 9'	E409186-02A	Soil	09/20/24	09/23/24	Glass Jar, 2 oz.					



	~	ampic D				
WPX Energy - Carlsbad 5315 Buena Vista Dr	Project Name Project Numb	ber: 0103	Pecos Federal 22 58-0007	2-3H		Reported:
Carlsbad NM, 88220	Project Mana	ger: Ash	ley Giovengo	9/24/2024 10:51:34AM		
	ſ	SW01 - 0 - 2'				
		E409186-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2439001
Benzene	ND	0.0250	1	09/23/24	09/23/24	
Ethylbenzene	ND	0.0250	1	09/23/24	09/23/24	
Toluene	ND	0.0250	1	09/23/24	09/23/24	
o-Xylene	ND	0.0250	1	09/23/24	09/23/24	
p,m-Xylene	ND	0.0500	1	09/23/24	09/23/24	
Total Xylenes	ND	0.0250	1	09/23/24	09/23/24	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	09/23/24	09/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2439001
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/23/24	09/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.7 %	70-130	09/23/24	09/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: AF		Batch: 2438161
Diesel Range Organics (C10-C28)	ND	25.0	1	09/21/24	09/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/21/24	09/23/24	
Surrogate: n-Nonane		91.1 %	50-200	09/21/24	09/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2439012
Chloride	482	20.0	1	09/23/24	09/23/24	

Sample Data



Sample Data

		ampie D				
WPX Energy - Carlsbad	Project Name	: East	Pecos Federal 2	2-3H		
5315 Buena Vista Dr	Project Numb	er: 010	58-0007			Reported:
Carlsbad NM, 88220	Project Manag	ger: Ash	ley Giovengo	9/24/2024 10:51:34AM		
		FS24 - 9'				
		E409186-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2439001
Benzene	ND	0.0250	1	09/23/24	09/23/24	
Ethylbenzene	ND	0.0250	1	09/23/24	09/23/24	
Foluene	ND	0.0250	1	09/23/24	09/23/24	
p-Xylene	ND	0.0250	1	09/23/24	09/23/24	
o,m-Xylene	ND	0.0500	1	09/23/24	09/23/24	
Fotal Xylenes	ND	0.0250	1	09/23/24	09/23/24	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	09/23/24	09/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: IY		Batch: 2439001
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/23/24	09/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.6 %	70-130	09/23/24	09/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: AF		Batch: 2438161
Diesel Range Organics (C10-C28)	ND	25.0	1	09/21/24	09/23/24	
Dil Range Organics (C28-C36)	ND	50.0	1	09/21/24	09/23/24	
Surrogate: n-Nonane		86.5 %	50-200	09/21/24	09/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: DT		Batch: 2439012
Chloride	277	20.0	1	09/23/24	09/23/24	



QC Summary Data

WPX Energy - Carlsbad		Project Name:	Ea	ast Pecos Fede	eral 22-3H				Reported:
5315 Buena Vista Dr		Project Number:	01	058-0007					. T
Carlsbad NM, 88220		Project Manager:	A	shley Gioveng	go				9/24/2024 10:51:34AN
		Volatile O	rganics k	oy EPA 802	21B				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2439001-BLK1)							Prepared: 0	9/23/24 A	Analyzed: 09/23/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.95		8.00		99.3	70-130			
LCS (2439001-BS1)							Prepared: 0	9/23/24 A	Analyzed: 09/23/24
Benzene	5.21	0.0250	5.00		104	70-130			
Ethylbenzene	5.03	0.0250	5.00		101	70-130			
Toluene	5.13	0.0250	5.00		103	70-130			
p-Xylene	5.02	0.0250	5.00		100	70-130			
p,m-Xylene	10.2	0.0500	10.0		102	70-130			
Total Xylenes	15.3	0.0250	15.0		102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.90		8.00		98.8	70-130			
Matrix Spike (2439001-MS1)				Source:	E409187-0)7	Prepared: 0	9/23/24 A	Analyzed: 09/23/24
Benzene	5.33	0.0250	5.00	ND	107	54-133			
Ethylbenzene	5.14	0.0250	5.00	ND	103	61-133			
Toluene	5.24	0.0250	5.00	ND	105	61-130			
o-Xylene	5.12	0.0250	5.00	ND	102	63-131			
p,m-Xylene	10.5	0.0500	10.0	ND	105	63-131			
Total Xylenes	15.6	0.0250	15.0	ND	104	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.83		8.00		97.9	70-130			
Matrix Spike Dup (2439001-MSD1)				Source:	E409187-0)7	Prepared: 0	9/23/24 A	Analyzed: 09/23/24
Benzene	5.11	0.0250	5.00	ND	102	54-133	4.14	20	
Ethylbenzene	4.93	0.0250	5.00	ND	98.7	61-133	4.11	20	
Toluene	5.03	0.0250	5.00	ND	101	61-130	4.11	20	
o-Xylene	4.91	0.0250	5.00	ND	98.2	63-131	4.06	20	
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131	4.13	20	
Total Xylenes	14.9	0.0250	15.0	ND	99.7	63-131	4.11	20	



QC Summary Data

		QU D		ary Date	•				
WPX Energy - Carlsbad 5315 Buena Vista Dr		Project Name: Project Number:	-	East Pecos Fede 01058-0007	ral 22-3H				Reported:
Carlsbad NM, 88220		Project Manager:	1	Ashley Gioveng	0				9/24/2024 10:51:34AM
	Noi	nhalogenated C	Organics	s by EPA 801	5D - G	RO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2439001-BLK1)							Prepared: 0	9/23/24 A	analyzed: 09/23/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.50		8.00		93.8	70-130			
LCS (2439001-BS2)							Prepared: 0	9/23/24 A	analyzed: 09/23/24
Gasoline Range Organics (C6-C10)	49.8	20.0	50.0		99.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.64		8.00		95.5	70-130			
Matrix Spike (2439001-MS2)				Source:	E409187-	07	Prepared: 0	9/23/24 A	analyzed: 09/23/24
Gasoline Range Organics (C6-C10)	54.4	20.0	50.0	ND	109	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.58		8.00		94.8	70-130			
Matrix Spike Dup (2439001-MSD2)				Source:	E409187-	07	Prepared: 0	9/23/24 A	analyzed: 09/23/24
Gasoline Range Organics (C6-C10)	54.6	20.0	50.0	ND	109	70-130	0.516	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.57		8.00		94.6	70-130			

QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr		Project Name: Project Number:		nst Pecos Feder 058-0007	al 22-3H				Reported:
Carlsbad NM, 88220		Project Manager	A	shley Giovengo)				9/24/2024 10:51:34AM
	Nonh	alogenated Org	anics by	EPA 8015D	- DRO/	ORO			Analyst: AF
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2438161-BLK1)							Prepared: 09	9/21/24 A	Analyzed: 09/23/24
Diesel Range Organics (C10-C28)	ND	25.0							
		25.0							
Dil Range Organics (C28-C36)	ND	50.0							
	ND 55.4		50.0		111	50-200			
Dil Range Organics (C28-C36) Surrogate: n-Nonane LCS (2438161-BS1)			50.0		111	50-200	Prepared: 09	9/21/24 A	Analyzed: 09/23/24
Surrogate: n-Nonane			50.0		111	50-200 38-132	Prepared: 09	9/21/24 A	Analyzed: 09/23/24
Surrogate: n-Nonane LCS (2438161-BS1) Diesel Range Organics (C10-C28)	55.4	50.0					Prepared: 09	9/21/24 A	Analyzed: 09/23/24
Surrogate: n-Nonane LCS (2438161-BS1)	55.4	50.0	250		100	38-132			Analyzed: 09/23/24 Analyzed: 09/23/24
Surrogate: n-Nonane LCS (2438161-BS1) Diesel Range Organics (C10-C28) Surrogate: n-Nonane	55.4	50.0	250		100	38-132			·



QC Summary Data

		• • •	-		-				
WPX Energy - Carlsbad		Project Name:		East Pecos Fede	eral 22-3H				Reported:
5315 Buena Vista Dr		Project Number:		01058-0007					-
Carlsbad NM, 88220		Project Manager	:	Ashley Gioveng	go				9/24/2024 10:51:34AM
		Anions	by EPA	300.0/9056	۱.				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2439012-BLK1)							Prepared: 0	9/23/24 A	analyzed: 09/23/24
Chloride	ND	20.0							
LCS (2439012-BS1)							Prepared: 0	9/23/24 A	analyzed: 09/23/24
Chloride	260	20.0	250		104	90-110			
Matrix Spike (2439012-MS1)				Source:	E409186-0	1	Prepared: 0	9/23/24 A	analyzed: 09/23/24
Chloride	624	20.0	250	482	56.9	80-120			M2
Matrix Spike Dup (2439012-MSD1)				Source:	E409186-0	1	Prepared: 0	9/23/24 A	analyzed: 09/23/24
Chloride	639	20.0	250	482	63.0	80-120	2.39	20	M2

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



WPX Energy - Carlsbad	Project Name:	East Pecos Federal 22-3H	
5315 Buena Vista Dr	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	09/24/24 10:51

M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

Released to Imaging: 11/1/2024 11:50:08 AM

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Client Information Invoice Information							Invoice	e Informa	ation				La	ab Us	e On	ly				TAT			S	tate	
	/PX Energy P					Company:				LLC	_ Lat	WO#	ŧ		Job	Num	ber		1D 2	D 3D	Std	N	Meo	UT	TX
	Sugt Pelos			-34		Address: 5	A TILL AND A DOT	The second second second second		E40918601058.0007								1							
Project Manager: Ashley Giovengo City, State, Zip: Carlsbad NM, 88220 Address: 3122 National Parks Hwy Phone: (575)689-7597 City, State, Zip: Carlsbad NM, 88220 Email: jim.raley@dvn.com					20	_	-						-					1							
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Time Sampled	Date Sampled	Matrix	No. of Containers			Sample I	ID			Field	Lab Number	DRO/ORO	GRO/DRO	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				nem		
0950	9170/24	SD	1	SU	201-0	-2'					1						X								
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field sam	oler), attest to the	• validity and	authenticity	of this sampl	e. I am aware th	at tampering	with or inte	entionally n	nislabeling	the sam	ple locatior	, date c	or time	of colle	ection	is consi	idered	fraud a	nd may l	e ground	s for leg	gal action			
	Cole Burton		Date		Time	Received	hv: (Sign:	aturel	-	Date	-	Time	_		-	-	Sample	s requiri	ng therma	l preservat	tion mus	t be receive	ed on ice the	e day th	ey are
1	4 Ber	7	9/	20/24	11:30	Wic	hele	Gon	sales		20.24	11	30				sample	d or reco	ived pack				e 0 but less t	han 6 °(Con
elinquish	ed by: (Signatur	e) nzales	Date	26:24	1830	Received	L by: (Signa	ature)		Date Q.	20.20	Time		0			Rece	ived	on ice:			e Only			
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A .) elinquish	d by: (Signatur	e)	J. Date	20.24	Time		d by: (Signa		cup	Date	6269	Time	530				11			<u>T2</u>	-		<u>T3</u>		
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other						Cont	tainer Typ	e:g-	glass,	p - po	oly/pl			Tem		V - VOA			-	_					
lote: Sam	ples are discard	ed 14 days	after results	are reporte	ed unless other					ples wil	l be return	ed to d	client o	or disp							for th	e analysi	s of the a	bove s	samples is
malicable	only to those sa	amples rece	ived by the	laboratory w	with this COC. 1	The liability o	of the labo	pratory is li	imited to t	he amo	ount paid f	or on t	he rep	ort.			-								

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

structions: Please take note of any NO checkmarks. we receive no response concerning these items within 24 hours of the date of this m	-	samples will be analyzed as re	equested.	
Client: WPX Energy - Carlsbad Date Received:	: 09/23/24	05:30	Work Order ID:	E409186
Phone: (539) 573-4018 Date Logged Ir	n: 09/20/24	14:56	Logged In By:	Caitlin Mars
Email: ashley.giovengo@wesominc.com Due Date:		4 17:00 (0 day TAT)	208800 291	
Chain of Custody (COC)				
1. Does the sample ID match the COC?	Yes			
2. Does the number of samples per sampling site location match the COC	Yes			
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier		
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes			
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes		Commen	ts/Resolution
<u>Sample Turn Around Time (TAT)</u>				
6. Did the COC indicate standard TAT, or Expedited TAT?	Yes			
Sample Cooler				
7. Was a sample cooler received?	Yes			
8. If yes, was cooler received in good condition?	Yes			
9. Was the sample(s) received intact, i.e., not broken?	Yes			
10. Were custody/security seals present?	No			
11. If yes, were custody/security seals intact?	NA			
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15	Yes			
minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature:	4°C			
	<u>+ C</u>			
Sample Container 14. Are aqueous VOC samples present?	No			
15. Are VOC samples collected in VOA Vials?	NO			
16. Is the head space less than 6-8 mm (pea sized or less)?	NA			
17. Was a trip blank (TB) included for VOC analyses?	NA			
18. Are non-VOC samples collected in the correct containers?	Yes			
19. Is the appropriate volume/weight or number of sample containers collected?	Yes			
Field Label	105			
20. Were field sample labels filled out with the minimum information:				
Sample ID?	Yes			
Date/Time Collected?	Yes			
Collectors name?	No			
Sample Preservation				
21. Does the COC or field labels indicate the samples were preserved?	No			
22. Are sample(s) correctly preserved?	NA			
24. Is lab filteration required and/or requested for dissolved metals?	No			
Multiphase Sample Matrix				
26. Does the sample have more than one phase, i.e., multiphase?	No			
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA			
Subcontract Laboratory				
28. Are samples required to get sent to a subcontract laboratory?	No			
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA		
Client Instruction				



Date

envirotech Inc.

Signature of client authorizing changes to the COC or sample disposition.

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Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Client:	WPX Energy - Carlsbad Da	ate Received:	09/23/24 0)5:30	Work Order ID:	E409186
Phone:	(539) 573-4018 Da	te Logged In:	09/20/24	4:56	Logged In By:	Caitlin Mars
Email:	ashley.giovengo@wesominc.com De	ie Date:	09/23/24	17:00 (0 day TAT)		
<u>Chain o</u>	f Custody (COC)					
1. Does	the sample ID match the COC?		Yes			
2. Does ?	the number of samples per sampling site location match	the COC	Yes			
3. Were	samples dropped off by client or carrier?		Yes	Carrier: Courie	er	
4. Was tl	he COC complete, i.e., signatures, dates/times, requested	analyses?	Yes		_	
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes		Commen	ts/Resolution
Sample '	<u>Turn Around Time (TAT)</u>					
6. Did th	ne COC indicate standard TAT, or Expedited TAT?		Yes			
Sample	Cooler_					
7. Was a	sample cooler received?		Yes			
8. If yes,	, was cooler received in good condition?		Yes			
9. Was tl	he sample(s) received intact, i.e., not broken?		Yes			
10. Were	e custody/security seals present?		No			
	s, were custody/security seals intact?		NA			
12. Was t	the sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are re		Yes			
13 Ifno	minutes of sampling visible ice, record the temperature. Actual sample ter	nperature: 4°	С			
	Container		<u> </u>			
	aqueous VOC samples present?		No			
	VOC samples collected in VOA Vials?		NA			
	e head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?		NA			
	non-VOC samples collected in the correct containers?		Yes			
	e appropriate volume/weight or number of sample containers	collected?	Yes			
Field La						
	e field sample labels filled out with the minimum inform	ation:				
	Sample ID?		Yes			
	Date/Time Collected?		Yes	L		
	Collectors name?		No			
_	<u>Preservation</u>	un ad 9	ЪТ.			
21. Does	s the COC or field labels indicate the samples were prese	avea?	No			
22 4	sample(s) correctly preserved?	169	NA Na			
	b filteration required and/or requested for dissolved meta	115 (No			
24. Is lat						
24. Is lat <u>Multiph</u>	nase Sample Matrix					
24. Is lat Multiph 26. Does	s the sample have more than one phase, i.e., multiphase?	10	No			
24. Is lat <u>Multiph</u> 26. Does		1?	No NA			
 24. Is lat Multiph 26. Does 27. If yes Subcont 	s the sample have more than one phase, i.e., multiphase? s, does the COC specify which phase(s) is to be analyze tract Laboratory.	1?				
 24. Is lat Multiph 26. Does 27. If yes Subcont 	s the sample have more than one phase, i.e., multiphase? s, does the COC specify which phase(s) is to be analyze	1?				

B

Date

envirotech Inc.

Signature of client authorizing changes to the COC or sample disposition.



APPENDIX F

NMOCD Correspondence

From:	Raley, Jim
To:	RosaM.Romero@state.nm.us; EMNRD Bratcher Mike; Anderson, Lacee; Ashley Giovengo
Subject:	Major Release Notification
Date:	Tuesday, April 4, 2023 9:03:16 PM

[**EXTERNAL EMAIL**]

NMOCD District II,

Today 4/4/2023, we had a tank overflow of 25+ bbls to lined secondary containment at the East Pecos 22-3H wellpad. There was also some fluids that impacted the pad surface. The cause and specific volume is yet to be determined. The source of the release has been stopped and the area is stabilized.

We will follow-up with a C-141 within 14 days. This email serves as initial notification for a major release based on volume only.

Jim Raley - Enviro Professional Permian Basin - Devon Energy 575-689-7597

Confidentiality Warning: This message and any attachments are intended only for the use of the intended recipient(s), are confidential, and may be privileged. If you are not the intended recipient, you are hereby notified that any review, retransmission, conversion to hard copy, copying, circulation or other use of all or any portion of this message and any attachments is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by return e-mail, and delete this message and any attachments from your system.

From:	Enviro, OCD, EMNRD
To:	Ashley Giovengo
Subject:	RE: [EXTERNAL] Devon Energy - East Pecos Federal 22-3H - 48-hour Liner Inspection Notification Email
Date:	Monday, April 10, 2023 10:04:48 AM
Attachments:	image006.png
	image007.png
	image008.png
	image009.png

[**EXTERNAL EMAIL**]

Ashley,

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

JΗ

Jocelyn Harimon • Environmental Specialist Environmental Bureau EMNRD - Oil Conservation Division 1220 South St. Francis Drive | Santa Fe, NM 87505 (505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov http:// www.emnrd.nm.gov



From: Ashley Giovengo <agiovengo@ensolum.com>Sent: Thursday, April 6, 2023 4:50 PMTo: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>

Cc: Ashley Ager <aager@ensolum.com>; jim.raley@dvn.com; lacee.anderson@dvn.com **Subject:** [EXTERNAL] Devon Energy - East Pecos Federal 22-3H - 48-hour Liner Inspection Notification Email

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

Hello All,

This email is to notify the NMOCD that Ensolum, LLC will be at the East Pecos Federal 22-3H to perform a liner inspection. The liner inspection will be conducted on Tuesday, April 11, 2023 (04/11/2023) at 09:00 am MST.

Please let me know if you plan to be onsite to oversee this inspection.

Thanks,



From:	Ashley Giovengo
То:	Wells, Shelly, EMNRD
Cc:	Raley, Jim; Cole Burton; Bratcher, Michael, EMNRD
Subject:	RE: [EXTERNAL] 48-hour confirmation sampling notification email - nAPP2310336531
Date:	Thursday, September 19, 2024 3:11:55 PM
Attachments:	image001.png
	image002.png
	image003.png

Great, thank you so much!



Ashley Giovengo Senior Scientist

575-988-0055 Ensolum, LLC

"Your authenticity is your superpower." - Unknown

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Thursday, September 19, 2024 2:14 PM
To: Ashley Giovengo <agiovengo@ensolum.com>
Cc: Raley, Jim <jim.raley@dvn.com>; Cole Burton <cburton@ensolum.com>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Subject: RE: [EXTERNAL] 48-hour confirmation sampling notification email - nAPP2310336531

[**EXTERNAL EMAIL**]

Hi Ashley,

I understand the situation now so the variance to collect samples on 9/20/24 at 9:30am is approved and it has been notated in the incident.

Kind regards,

Shelly

Shelly Wells * Environmental Specialist-Advanced Environmental Bureau EMNRD-Oil Conservation Division 1220 S. St. Francis Drive|Santa Fe, NM 87505 (505)469-7520<u>|Shelly.Wells@emnrd.nm.gov</u> http://www.emnrd.state.nm.us/OCD/ From: Ashley Giovengo <agiovengo@ensolum.com>
Sent: Thursday, September 19, 2024 2:04 PM
To: Wells, Shelly, EMNRD <<u>Shelly.Wells@emnrd.nm.gov</u>>
Cc: Raley, Jim <<u>jim.raley@dvn.com</u>>; Cole Burton <<u>cburton@ensolum.com</u>>; Bratcher, Michael,
EMNRD <<u>mike.bratcher@emnrd.nm.gov</u>>
Subject: RE: [EXTERNAL] 48-hour confirmation sampling notification email - nAPP2310336531

Yes ma'am, please see the attached correspondence from Jim Raley of WPX Energy. Jim is currently out of town and was unable to submit the notice via web portal. Will you accept a variance request on the 2 days' notice? Jim did not respond until I had already left the office for the day yesterday.

Thanks,



Ashley Giovengo Senior Scientist 575-988-0055 Ensolum, LLC in f X

"Your authenticity is your superpower." – Unknown

From: Wells, Shelly, EMNRD <<u>Shelly.Wells@emnrd.nm.gov</u>>
Sent: Thursday, September 19, 2024 10:13 AM
To: Ashley Giovengo <<u>agiovengo@ensolum.com</u>>
Cc: Raley, Jim <<u>jim.raley@dvn.com</u>>; Cole Burton <<u>cburton@ensolum.com</u>>; Bratcher, Michael,
EMNRD <<u>mike.bratcher@emnrd.nm.gov</u>>
Subject: RE: [EXTERNAL] 48-hour confirmation sampling notification email - nAPP2310336531

[**EXTERNAL EMAIL**]

Hi Ashley,

Sampling notifications are still to be made at least two business days in advance via a C-141N.

Kind regards,

Shelly

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

From: Ashley Giovengo <agiovengo@ensolum.com>
Sent: Thursday, September 19, 2024 9:57 AM
To: Enviro, OCD, EMNRD <<u>OCD.Enviro@emnrd.nm.gov</u>>
Cc: Raley, Jim <<u>jim.raley@dvn.com</u>>; Cole Burton <<u>cburton@ensolum.com</u>>
Subject: [EXTERNAL] 48-hour confirmation sampling notification email - nAPP2310336531

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

Hello,

Please see the 48-hour confirmation sampling notification for the East Pecos Federal 22-3H Site (nAPP2310336531). See the details below.

Company: WPX Energy When: 09/20/24 @ 09:30 MST. Where: D-27-26S-29E (32.0208407, -103.9791165) Incident Number: nAPP2310336531 Number of Samples: 2 Spill Sq. Footage: 8,622 sq. ft.

Additional Information: Please contact Cole Burton, Project Manager @ 575-706-5056

Additional Instructions: (32.0208407, -103.9791165)

Thanks,



"Your authenticity is your superpower." - Unknown

From:	Raley, Jim
To:	Ashley Giovengo
Cc:	Cole Burton; Chad Hamilton
Subject:	Re: [EXTERNAL] Please Submit - 48-hour Confirmation Sampling Notification Email - East Pecos Federal 22-3H - Incident Number nAPP2310336531
Date:	Wednesday, September 18, 2024 5:48:21 PM
Attachments:	image001.png image002.png image003.png

[**EXTERNAL EMAIL**]

Send to OCD via email. Will put in system when I get back in town.

Jim Raley - Enviro Professional Permian Basin - Devon Energy 575-689-7597

From: Ashley Giovengo <agiovengo@ensolum.com> Sent: Wednesday, September 18, 2024 8:32:34 AM

To: Raley, Jim <Jim.Raley@dvn.com>

Cc: Cole Burton <cburton@ensolum.com>; Chad Hamilton <chamilton@ensolum.com>

Subject: [EXTERNAL] Please Submit - 48-hour Confirmation Sampling Notification Email - East Pecos Federal 22-3H - Incident Number nAPP2310336531

Jim,

Can you please submit a 48-hour confirmation sampling notification for the East Pecos Federal 22-3H Site (nAPP2310336531). See the details below.

When: 09/20/24 @ 09:30 MST. Where: D-27-26S-29E (32.0208407, -103.9791165) Incident Number: nAPP2310336531 Number of Samples: 2 Spill Sq. Footage: 8,622 sq. ft.

Additional Information: Please contact Cole Burton, Project Manager @ 575-706-5056

Additional Instructions: (32.0208407, -103.9791165)

Thanks,



in f 🗙

"Your authenticity is your superpower." - Unknown

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

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Action 372186

QUESTIONS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	372186
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2310336531
Incident Name	NAPP2310336531 EAST PECOS 22-3H @ 30-015-42285
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-015-42285] EAST PECOS FEDERAL 22 #003H

Location of Release Source

Site Name	EAST PECOS 22-3H
Date Release Discovered	04/04/2023
Surface Owner	Private

Sampling Event General Information

Please answer all the questions in this group.	
What is the sampling surface area in square feet	8,622
What is the estimated number of samples that will be gathered	42
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/13/2024
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Please contact Cole Burton, Project Manager @ 575-706-5056
Please provide any information necessary for navigation to sampling site	(32.0208407, -103.9791165)

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CONDITIONS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	372186
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Create By	d Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	8/9/2024

CONDITIONS

Action 372186

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Action 372187

QUESTIONS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	372187
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2310336531
Incident Name	NAPP2310336531 EAST PECOS 22-3H @ 30-015-42285
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-015-42285] EAST PECOS FEDERAL 22 #003H

Location of Release Source

Site Name	EAST PECOS 22-3H
Date Release Discovered	04/04/2023
Surface Owner	Private

Sampling Event General Information

Please answer all the questions in this group.		
What is the sampling surface area in square feet	8,622	
What is the estimated number of samples that will be gathered	42	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/14/2024	
Time sampling will commence	08:00 AM	
Please provide any information necessary for observers to contact samplers	Please contact Cole Burton, Project Manager @ 575-706-5056	
Please provide any information necessary for navigation to sampling site	(32.0208407, -103.9791165)	

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CONDITIONS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	372187
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Create By	d Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	8/9/2024

CONDITIONS

Action 372187

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Action 372190

QUESTIONS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	372190
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2310336531
Incident Name	NAPP2310336531 EAST PECOS 22-3H @ 30-015-42285
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-015-42285] EAST PECOS FEDERAL 22 #003H

Location of Release Source

Site Name	EAST PECOS 22-3H
Date Release Discovered	04/04/2023
Surface Owner	Private

Sampling Event General Information

Please answer all the questions in this group.		
What is the sampling surface area in square feet	8,622	
What is the estimated number of samples that will be gathered	42	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/15/2024	
Time sampling will commence	08:30 AM	
Please provide any information necessary for observers to contact samplers	Please contact Cole Burton, Project Manager @ 575-706-5056	
Please provide any information necessary for navigation to sampling site	(32.0208407, -103.9791165)	

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CONDITIONS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	372190
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Create By	d Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	8/9/2024

Action 372190

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Action 372193

QUESTIONS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	372193
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2310336531
Incident Name	NAPP2310336531 EAST PECOS 22-3H @ 30-015-42285
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-015-42285] EAST PECOS FEDERAL 22 #003H

Location of Release Source

Site Name	EAST PECOS 22-3H
Date Release Discovered	04/04/2023
Surface Owner	Private

Sampling Event General Information

Please answer all the questions in this group.		
What is the sampling surface area in square feet	8,622	
What is the estimated number of samples that will be gathered	42	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/17/2024	
Time sampling will commence	08:00 AM	
Please provide any information necessary for observers to contact samplers	Please contact Cole Burton, Project Manager @ 575-706-5056	
Please provide any information necessary for navigation to sampling site	(32.0208407, -103.9791165)	

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

CONDITIONS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	372193
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Create By	d Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	8/9/2024

Action 372193

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Action 372193

QUESTIONS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	372193
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2310336531
Incident Name	NAPP2310336531 EAST PECOS 22-3H @ 30-015-42285
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-015-42285] EAST PECOS FEDERAL 22 #003H

Location of Release Source

Site Name	EAST PECOS 22-3H
Date Release Discovered	04/04/2023
Surface Owner	Private

Sampling Event General Information

Please answer all the questions in this group.	
What is the sampling surface area in square feet	8,622
What is the estimated number of samples that will be gathered	42
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/17/2024
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Please contact Cole Burton, Project Manager @ 575-706-5056
Please provide any information necessary for navigation to sampling site	(32.0208407, -103.9791165)

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

CONDITIONS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	372193
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Create By	d Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	8/9/2024

Action 372193
811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

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

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Action 372195

QUESTIONS Operator: OGRID: WPX Energy Permian, LLC 246289 Devon Energy - Regulatory Action Number Oklahoma City, OK 73102 372195 Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS Proroquisitos

Incident ID (n#)	nAPP2310336531
Incident Name	NAPP2310336531 EAST PECOS 22-3H @ 30-015-42285
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-015-42285] EAST PECOS FEDERAL 22 #003H

Location of Release Source

Site Name	EAST PECOS 22-3H
Date Release Discovered	04/04/2023
Surface Owner	Private

Please answer all the questions in this group.		
What is the sampling surface area in square feet	8,622	
What is the estimated number of samples that will be gathered	42	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/18/2024	
Time sampling will commence	08:00 AM	
Please provide any information necessary for observers to contact samplers	Please contact Cole Burton, Project Manager @ 575-706-5056	
Please provide any information necessary for navigation to sampling site	(32.0208407, -103.9791165)	

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District IV

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

CONDITIONS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	372195
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Create By	d Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	8/9/2024

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

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District IV

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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

Page 1399e of 419 QUESTIONS

Action 372196

QUESTIONS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	372196
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2310336531
Incident Name	NAPP2310336531 EAST PECOS 22-3H @ 30-015-42285
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-015-42285] EAST PECOS FEDERAL 22 #003H

Location of Release Source

Site Name	EAST PECOS 22-3H
Date Release Discovered	04/04/2023
Surface Owner	Private

Please answer all the questions in this group.		
What is the sampling surface area in square feet	8,622	
What is the estimated number of samples that will be gathered	42	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/19/2024	
Time sampling will commence	08:00 AM	
Please provide any information necessary for observers to contact samplers	Please contact Cole Burton, Project Manager @ 575-706-5056	
Please provide any information necessary for navigation to sampling site	(32.0208407, -103.9791165)	

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CONDITIONS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	372196
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Create By	d Condition	Condition Date
jrale	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	8/9/2024

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Action 372197

QUESTIONS Operator: OGRID: WPX Energy Permian, LLC 246289 Devon Energy - Regulatory Action Number Oklahoma City, OK 73102 372197 Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2310336531
Incident Name	NAPP2310336531 EAST PECOS 22-3H @ 30-015-42285
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-015-42285] EAST PECOS FEDERAL 22 #003H

Location of Release Source

Site Name	EAST PECOS 22-3H
Date Release Discovered	04/04/2023
Surface Owner	Private

Please answer all the questions in this group.		
What is the sampling surface area in square feet	8,622	
What is the estimated number of samples that will be gathered	42	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/20/2024	
Time sampling will commence	08:00 AM	
Please provide any information necessary for observers to contact samplers	Please contact Cole Burton, Project Manager @ 575-706-5056	
Please provide any information necessary for navigation to sampling site	(32.0208407, -103.9791165)	

Released to Imaging: 11/1/2024 111:50:08/AM

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

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

CONDITIONS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	372197
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Create By	d Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	8/9/2024

Action 372197

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Action 374537

QUESTIONS Operator: OGRID: WPX Energy Permian, LLC 246289 Devon Energy - Regulatory Action Number: Oklahoma City, OK 73102 374537 Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2310336531
Incident Name	NAPP2310336531 EAST PECOS 22-3H @ 30-015-42285
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-015-42285] EAST PECOS FEDERAL 22 #003H

Location of Release Source

Site Name	EAST PECOS 22-3H
Date Release Discovered	04/04/2023
Surface Owner	Private

Please answer all the questions in this group.		
What is the sampling surface area in square feet	8,622	
What is the estimated number of samples that will be gathered	42	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/21/2024	
Time sampling will commence	09:00 AM	
Please provide any information necessary for observers to contact samplers	D-27-26S-29E (32.0208407, -103.9791165)	
Please provide any information necessary for navigation to sampling site	Please contact Cole Burton, Project Manager @ 575-706-5056	

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District IV

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

CONDITIONS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	374537
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Creat By	ed Condition	Condition Date
jrale	y Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	8/16/2024

CONDITIONS

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District III

Operator:

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Oklahoma City, OK 73102

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

376659

Action Type: [NOTIFY] Notification Of Sampling (C-141N)

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Action 376659

QUESTIONS OGRID: WPX Energy Permian, LLC 246289 Devon Energy - Regulatory Action Number:

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2310336531
Incident Name	NAPP2310336531 EAST PECOS 22-3H @ 30-015-42285
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-015-42285] EAST PECOS FEDERAL 22 #003H

Location of Release Source

Site Name	EAST PECOS 22-3H
Date Release Discovered	04/04/2023
Surface Owner	Private

Please answer all the questions in this group.		
What is the sampling surface area in square feet	8,622	
What is the estimated number of samples that will be gathered	42	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/26/2024	
Time sampling will commence	09:00 AM	
Please provide any information necessary for observers to contact samplers	Please contact Cole Burton, Project Manager @ 575-706-5056	
Please provide any information necessary for navigation to sampling site	(32.0208407, -103.9791165)	

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

CONDITIONS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	376659
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Cr By	eated	Condition	Condition Date
jr	aley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	8/22/2024

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

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Action 376662

QUESTIONS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	376662
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2310336531
Incident Name	NAPP2310336531 EAST PECOS 22-3H @ 30-015-42285
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-015-42285] EAST PECOS FEDERAL 22 #003H

Location of Release Source

Site Name	EAST PECOS 22-3H
Date Release Discovered	04/04/2023
Surface Owner	Private

Please answer all the questions in this group.		
What is the sampling surface area in square feet	8,622	
What is the estimated number of samples that will be gathered	42	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/28/2024	
Time sampling will commence	09:11 AM	
Please provide any information necessary for observers to contact samplers	Please contact Cole Burton, Project Manager @ 575-706-5056	
Please provide any information necessary for navigation to sampling site	(32.0208407, -103.9791165)	

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

CONDITIONS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	376662
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Crea By	ted	Condition	Condition Date
jral	ey	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	8/22/2024

CONDITIONS

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District III

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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

Page 409 of 419

QUESTIONS

Action 376660

QUESTIONS Operator: OGRID: WPX Energy Permian, LLC 246289 Devon Energy - Regulatory Action Number: Oklahoma City, OK 73102 376660 Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS Proroquisitos

Incident ID (n#)	nAPP2310336531
Incident Name	NAPP2310336531 EAST PECOS 22-3H @ 30-015-42285
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-015-42285] EAST PECOS FEDERAL 22 #003H

Location of Release Source

Site Name	EAST PECOS 22-3H
Date Release Discovered	04/04/2023
Surface Owner	Private

Sampling Event General Information

Please answer all the questions in this group.	
What is the sampling surface area in square feet	8,622
What is the estimated number of samples that will be gathered	42
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/27/2024
Time sampling will commence	09:00 AM

Warning: Notification can not be less than two business days prior to conducting final sampling.

Please provide any information necessary for observers to contact samplers	Please contact Cole Burton, Project Manager @ 575-706-5056	
Please provide any information necessary for navigation to sampling site	(32.0208407, -103.9791165)	

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District III

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District IV

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

CONDITIONS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	376660
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Cr By	eated	Condition	Condition Date
jr	aley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	8/22/2024

Page 1410 of 419

From:	Wells, Shelly, EMNRD
To:	Raley, Jim
Cc:	Ashley Giovengo; Cole Burton
Subject:	RE: [EXTERNAL] Extension Request WPX Energy nAPP2310336531
Date:	Thursday, August 8, 2024 11:44:42 AM
Attachments:	image001.png

[**EXTERNAL EMAIL**]

Good morning Jim,

The extension request for NAPP2310336531 EAST PECOS 22-3H is approved. The new due date to submit your remediation closure report to the OCD is November 6, 2024. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Kind regards,

Shelly

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

From: Raley, Jim <Jim.Raley@dvn.com>
Sent: Thursday, August 8, 2024 8:57 AM
To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Cc: Ashley Giovengo <agiovengo@ensolum.com>; Cole Burton <cburton@ensolum.com>
Subject: [EXTERNAL] Extension Request -- WPX Energy nAPP2310336531

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

Shelly,

We are currently in progress of completing the remediation of incident nAPP2310336531. One calls have been placed and we will begin excavation next week. WPX Energy respectfully requests an additional 90 days from the current due date of 8/11/2024 to complete the remediation and deliver a closure report.

Jim Raley | Environmental Professional - Permian Basin 5315 Buena Vista Dr., Carlsbad, NM 88220

C: (575)689-7597 | jim.raley@dvn.com



Confidentiality Warning: This message and any attachments are intended only for the use of the intended recipient(s), are confidential, and may be privileged. If you are not the intended recipient, you are hereby notified that any review, retransmission, conversion to hard copy, copying, circulation or other use of all or any portion of this message and any attachments is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by return e-mail, and delete this message and any attachments.

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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

Action 396573

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	396573
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2310336531
Incident Name	NAPP2310336531 EAST PECOS 22-3H @ 30-015-42285
Incident Type	Produced Water Release
Incident Status	Deferral Request Received
Incident Well	[30-015-42285] EAST PECOS FEDERAL 22 #003H

Location of Release Source

Please answer all the questions in this group.	nswer all the questions in this group.	
Site Name	EAST PECOS 22-3H	
Date Release Discovered	04/04/2023	
Surface Owner	Private	

Incident Details

answer all the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	Νο
Has this release endangered or does it have a reasonable probability of endangering public health	Νο
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: Equipment Failure Treating Tower Crude Oil Released: 5 BBL Recovered: 3 BBL Lost: 2 BBL.	
Produced Water Released (bbls) Details	Cause: Equipment Failure Treating Tower Produced Water Released: 25 BBL Recovered: 23 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	Not answered.	
Natural Gas Flared (Mcf) Details	Not answered.	
Other Released Details	Not answered.	
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.	

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

QUESTIONS, Page 2

Page 414 of 419

Action 396573

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	396573
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

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.
ſ	Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
	Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.		

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a 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 of ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of avaluation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for relea the OCD does not relieve the operator of liability should their operations have failed to 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 t 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: James Raley Title: EHS Professional

Email: jim.raley@dvn.com Date: 10/29/2024

Released to Imaging: 11/1/2024 11:50:08 AM

District I

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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 396573

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QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	396573
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

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 denth to groundwater beneath the area affected by the

what is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release ar	d the following surface areas:
A continuously flowing watercourse or any other significant watercourse	Between ½ and 1 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (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 500 and 1000 (ft.)
Any other fresh water well or spring	Between 500 and 1000 (ft.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between ½ and 1 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between ½ and 1 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date. Requesting a remediation plan approval with this submission Yes Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC. Have the lateral and vertical extents of contamination been fully delineated Yes Was this release entirely contained within a lined containment area No Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.) Chloride (EPA 300.0 or SM4500 CI B) 8280 TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M) 11820 GRO+DRO (EPA SW-846 Method 8015M) 8380 BTEX (EPA SW-846 Method 8021B or 8260B) 0 (EPA SW-846 Method 8021B or 8260B) Benzene 0 Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation. On what estimated date will the remediation commence 08/13/2024 On what date will (or did) the final sampling or liner inspection occur 04/11/2023 On what date will (or was) the remediation complete(d) 09/20/2024 What is the estimated surface area (in square feet) that will be reclaimed 20525 What is the estimated volume (in cubic yards) that will be reclaimed 8640 What is the estimated surface area (in square feet) that will be remediated 20525 What is the estimated volume (in cubic yards) that will be remediated 8640 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

The OCD receiption in proposed remeatation measures may need to be mining adjusted in accordance with the physical restriction of a submission is required.

District I

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

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District III

0

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

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

QUESTIONS, Page 4

Action 396573

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QUESTIONS (continued)		
Dperator:	OGRID:	
DEVON ENERGY PRODUCTION COMPANY, LP	6137	
333 West Sheridan Ave.	Action Number:	
Oklahoma City, OK 73102	396573	
	Action Type:	
	[C-141] Deferral Request C-141 (C-141-v-Deferral)	

QUESTIONS

Remediation Plan (continued)

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants: (Select all answers below that apply.) (Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.) Yes Which OCD approved facility will be used for off-site disposal Not answered OR which OCD approved well (API) will be used for off-site disposal 30-015-42285 EAST PECOS FEDERAL 22 #003H OR is the off-site disposal site, to be used, out-of-state Yes In which state is the disposal taking place ТΧ What is the name of the out-of-state facility Red Bluff Disposal Facility OR is the off-site disposal site, to be used, an NMED facility Not answered. (Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms) Not answered (In Situ) Soil Vapor Extraction Not answered. (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.) Not answered. (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.) Not answered. (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.) Not answered. Ground Water Abatement pursuant to 19.15.30 NMAC Not answered. OTHER (Non-listed remedial process) Not answered Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation. I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 10/29/2024
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in second	rdance with the physical realities appauntered during remediation. If the reappapille 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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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

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Action 396573

QUESTIONS (continued)		
Operator:	OGRID:	
DEVON ENERGY PRODUCTION COMPANY, LP	6137	
333 West Sheridan Ave.	Action Number:	
Oklahoma City, OK 73102	396573	
	Action Type:	
	[C-141] Deferral Request C-141 (C-141-v-Deferral)	

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	Yes	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes	
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	Tank containment, tanks and associated production equipment.	
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	6476	
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	1043	
Per Paragraph (2) of Subsection C of 19.15.29.12 NMAC if contamination is located in areas immediately under or around production equipment such as production tanks, wellheads and pipelines where remediation could cause a major facility deconstruction, the remediation, restoration and reclamation may be deferred with division written approval until the equipment is removed during other operations, or w the well or facility is plugged or abandoned, whichever comes first.		
Enter the facility ID (f#) on which this deferral should be granted	Not answered.	
Enter the well API (30-) on which this deferral should be granted	30-015-42285 EAST PECOS FEDERAL 22 #003H	
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True	
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 10/29/2024	

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

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QUESTIONS, Page 6

Action 396573

QUESTIONS (continued) Operator: OGRID: DEVON ENERGY PRODUCTION COMPANY, LP 6137 333 West Sheridan Ave. Action Number Oklahoma City, OK 73102 396573 Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	376662
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/28/2024
What was the (estimated) number of samples that were to be gathered	42
What was the sampling surface area in square feet	8622

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 No

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CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	396573
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

CONDITIONS			
	Created By	Condition	Condition Date
	scwells	Deferral approved. Deferral of SW16 through SW23, BH01, BH02, and SS04B is approved until plugging and abandonment or a major facility deconstruction, whichever comes first. A complete and accurate remediation report and/or reclamation report will need to be submitted at that time.	11/1/2024

CONDITIONS