



SITE CHARACTERIZATION & REMEDIATION PLAN

Site Information:

Ram Ewe Federal #003

Incident Number: nMLB0704337034

Unit O, Section 33, Township 22 South, Range 26 East

Eddy County, New Mexico

(32.3438644, -104.2958145)

Prepared For:

WPX Energy Permian, LLC

5315 Buena Vista Dr.

Carlsbad, NM 88220

SYNOPSIS

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of WPX Energy Permian, LLC (WPX), presents the following Site Characterization and Remediation Plan (SCRP) detailing delineation soil sampling activities, associated with and inadvertent release of crude oil and produced water at the Ram Ewe Federal #003 (Site) (**Figure 1** in **Appendix A**). Based on laboratory analytical results, WPX proposes this SCR, which summarizes initial response efforts, sampling activities, and details remediation objectives to rectify environmental impacts.

SITE INFORMATION AND RELEASE BACKGROUND

On January 23, 2007, a flowline failure resulted in the release of approximately 5 barrels (bbls) of crude oil and 8 bbls of produced water to be released. No fluids were reported to be recovered. Upon notification, the New Mexico Oil Conservation Division (NMOCD) assigned Incident Number nMLB0704337034 to the release event. WPX reported the release to the NMOCD on a Corrective Action Form C-141 (Form C-141) via email on January 29, 2007, and a signed hard copy was to be mailed. However, the receipt of the signed hard copy was not in the NMOCD incident or imaging files, so WPX submitted a Form C-141 through the NMOCD portal, which was received by the NMOCD on March 13, 2025.

Due to the current “site released” status of the release location, hereafter referred to as the Area of Concern (AOC), a Sundry Permit was required to access the reclaimed pad, access road, and undisturbed pasture soils surrounding and/or otherwise associated with the AOC. WPX submitted the Sundry on May 27, 2025, in preparation for remediation activities prior to accessing any previously undisturbed areas. The Sundry Permit was approved on May 27, 2025, by the Bureau of Land Management (BLM), and subsequently assigned Sundry ID: 2854642.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

Etech characterized the Site according to 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), considering depth to groundwater and the proximity to:

- Any continuously flowing watercourse or any other significant watercourse;
- Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark);
- An occupied permanent residence, school, hospital, institution, or church;
- A spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes;
- Any freshwater well or spring;
- Incorporated municipal boundaries or a defined municipal fresh water well field covered under a municipal ordinance;
- A wetland;
- A subsurface mine;
- An unstable area (i.e. high karst potential); and
- A 100-year floodplain.

Regional depth to groundwater at the Site is estimated to be greater than 100 feet below ground surface (bgs) based on a nearby soil boring advanced by Joseph M. Vlosich Jr. for Lynn Thompson from April 10, 2003, to June 3, 2003. The soil boring is located approximately 0.4 miles North of the Site. The soil boring (C-02964) was advanced to a total depth of 319 feet below ground surface (bgs). No fluids were observed throughout the drilling process, nor after a 72-hour observation

period. The referenced boring is provided in [Appendix B](#). The soil boring location and other nearby soil borings and/or regional groundwater well locations are shown in [Figure 1A](#) in [Appendix A](#).

The Site is mapped within a BLM designated critical karst potential area mapped by the Bureau of Land Management (BLM) and confirmed via an Environmental Karst Study Report performed by Southwest Geophysical Consulting, LLC. All other potential receptors are not within the established buffers in NMAC 19.15.29.12. Receptor details and sources used to determine the site characterization are included in [Figure 1B](#), and [Figure 1C](#) in [Appendix A](#).

Based on the results from the desktop review, specifically the designated critical karst potential, the following Closure Criteria will be applied:

Constituents of Concern (COCs)	Laboratory Analytical Method	Closure Criteria*
Chloride	Environmental Protection Agency (EPA) 300.0	600 milligram per kilogram (mg/kg)
Total Petroleum Hydrocarbon (TPH)	EPA 8015 M/D	100 mg/kg
Benzene	EPA 8021B/8260B	10 mg/kg
Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA 8021B/8260B	50 mg/kg

* The reclamation standard concentration requirements of 600 mg/kg chloride and 100 mg/kg TPH apply to the top 4 feet of areas to be immediately reclaimed following remediation pursuant to NMAC 19.15.17.13.

DELINEATION SOIL SAMPLING ACTIVITIES

From July 1, 2025, to September 17, 2025, Etech conducted delineation activities to assess the presence of residual soil impacts associated with the AOC. Thirteen delineation boreholes were advanced within and around the AOC via hand auger and/or track hoe. Delineation was driven by field screening soil for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips. A minimum of two soil samples were collected from each delineation soil sampling location, representing the highest observed field screening concentrations and the greatest depth. Field screening results and soil descriptions are included on soil sampling logs shown in [Appendix C](#). The delineation soil sample locations are shown in [Figure 2](#) in [Appendix A](#). Photographic documentation of delineation activities is included in [Appendix D](#).

Delineation soil samples were placed directly into lab provided pre-cleaned glass jars, packaged with minimal void space, labeled, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures to Envirotech, Inc. Laboratories (Envirotech) in Farmington, New Mexico, for analysis of COCs.

DELINEATION LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for soil samples surrounding the AOC were compliant with the Site Closure Criteria and/or reclamation standard. Additionally, BTEX and TPH concentrations were below the Site Closure Criteria for all delineation soil samples.

Laboratory analytical results within the AOC indicated chloride concentrations exceed the Site Closure Criteria and/or reclamation standard up to 5 feet bgs. Elevated chloride concentrations were characterized by concentrations ranging from 667 mg/kg to 1,860 mg/kg.

Laboratory analytical results are summarized in **Table 1**, included in **Appendix E**. The executed chain-of-custody form and laboratory reports are provided in **Appendix F**.

PROPOSED REMEDIATION WORK PLAN

Based on delineation soil sample analytical results, the following conclusion regarding the inadvertent release is presented:

- Based on laboratory analytical results, residual chloride impacts, defined by the applicable Site Closure Criteria, appear to be confined to 5-feet bgs, and are sufficiently vertically and horizontally delineated.

Based on the conclusion presented above, WPX proposes the following remediation corrective actions:

- Excavation(s) will be advanced laterally and vertically until the Site Closure Criteria and/or reclamation standard is met. Based on current delineation soil sampling results, a minimum of 285 cubic yards of residually impacted soil (1,860 sqft up to 5 feet bgs) will be excavated and removed from the Site. The proposed excavation areas are shown in **Figure 3** of **Appendix A**.
- Impacted soil will be transported to a nearby landfill facility for disposal under approved WPX waste manifests.
- Following the completion of excavation activities, 5-point composite confirmation soil samples will be collected from the excavation floor and sidewalls. Confirmation soil samples will consist of five equivalent aliquots and will be homogenized in a 1-gallon resealable plastic bag. The soil samples will be handled and analyzed for COCs by an accredited laboratory as previously described.
- Upon receipt of confirmation soil sample laboratory analytical results, indicating compliance with the applicable Site Closure Criteria, WPX will backfill the excavation(s) with clean, locally sourced soil and restored to "as close to its original state as possible". The total disturbed area will be reseeded with the appropriate BLM seed mix according to BLM guidelines.

PROPOSED SCHEDULE

Upon the notice of NMOCD approval of this SCRP, WPX will begin the proposed remediation activities as outlined above within 90 days. WPX believes this SCRP will meet the requirements set forth in NMAC 19.15.29 and to be protective of human health, the environment, and groundwater. As such WPX respectfully requests with the proposed remediation outline.

If you have any questions or comments, please do not hesitate to contact Abraham Valladares at (432) 967-9624 or abevalladares@etechenv.com or Joseph S. Hernandez at (432) 305-6413 or joseph@etechenv.com. **Appendix G** provides email notification receipts for the subject release.

Sincerely,

eTECH Environmental and Safety Solutions, Inc.



Abraham Valladares
Project Supervisor, EGTG
Environmental Project Specialist
Technical Group



Joseph S. Hernandez
Division Director, EGTG (TX and NM)
Environmental and Geoscience

cc: Jim Raley, WPX
New Mexico Oil Conservation Division
Bureau of Land Management

Appendices:

Appendix A: Figure 1: Site Map
Figure 1A: Site Characterization Map – Groundwater
Figure 1B: Site Characterization Map – Surficial Receptors
Figure 1C: Site Characterization Map – Subsurface Receptors
Figure 2: Delineation Soil Sample Locations
Figure 3: Proposed Excavation Areas
Appendix B: Referenced Well Records
Appendix C: Soil Sampling Logs
Appendix D: Photographic Log
Appendix E: Tables
Appendix F: Laboratory Analytical Reports & Chain-of-Custody Documentation
Appendix G: Correspondence & Notifications

| Appendix A

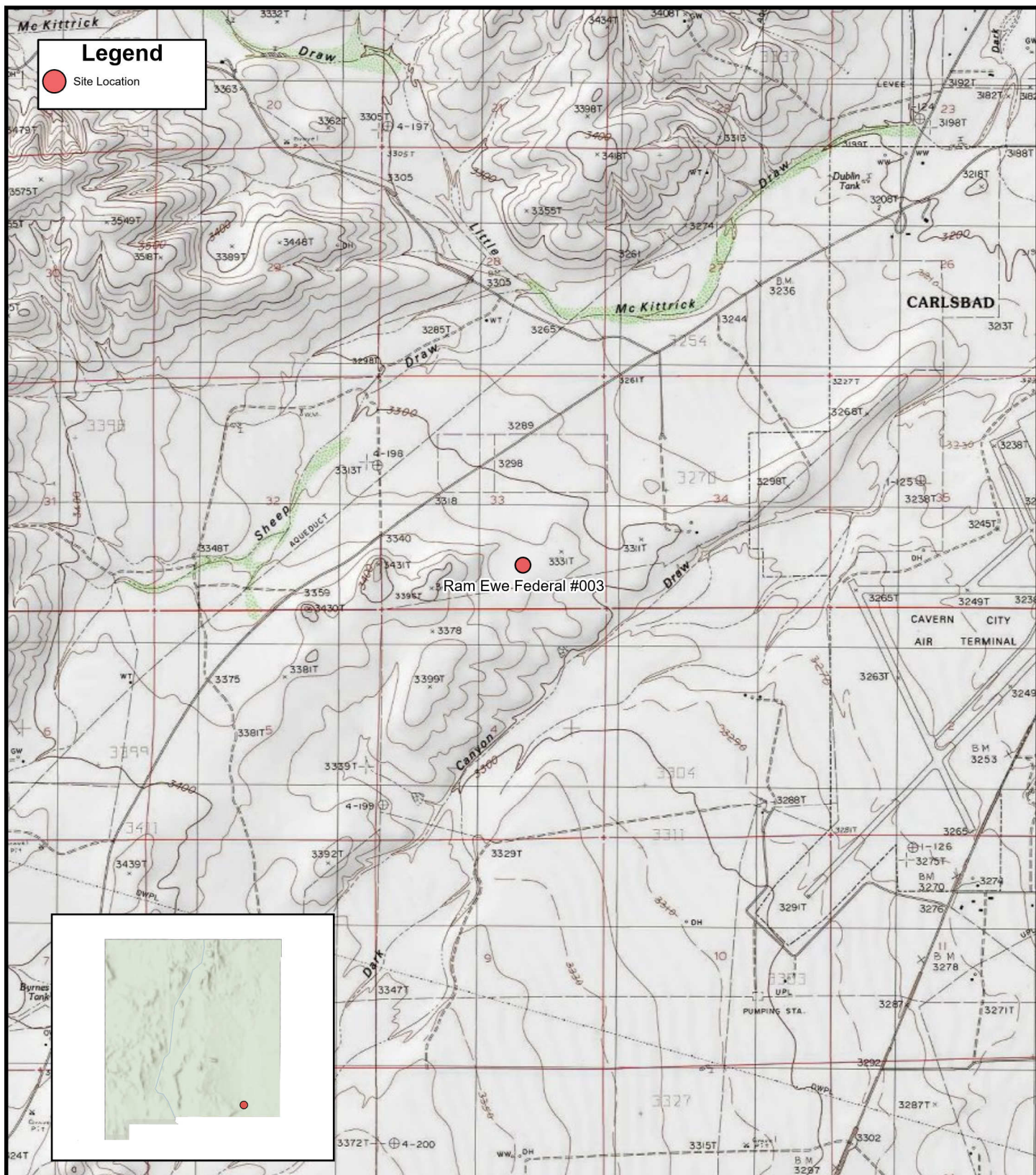
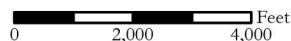


FIGURE 1

Site Location Map

WPX ENERGY PERMIAN, LLC
 Ram Ewe Federal #003
 Unit O Sec 33 T22S R26E
 Eddy County, New Mexico



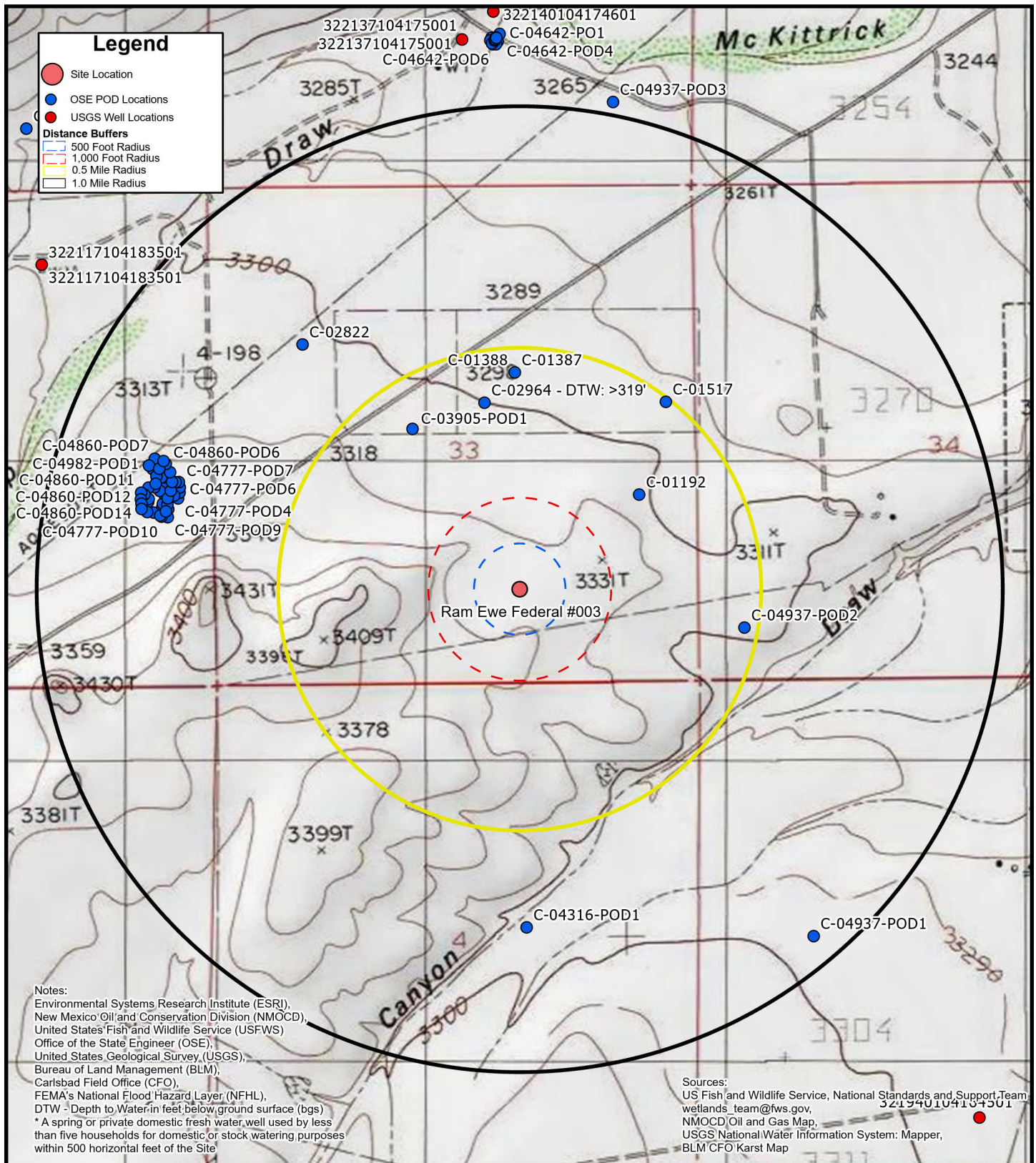
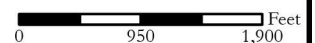


FIGURE 1A
Site Characterization Map
Groundwater

WPX ENERGY PERMIAN, LLC
Ram Ewe Federal #003
Unit O Sec 33 T22S R26E
Eddy County, New Mexico



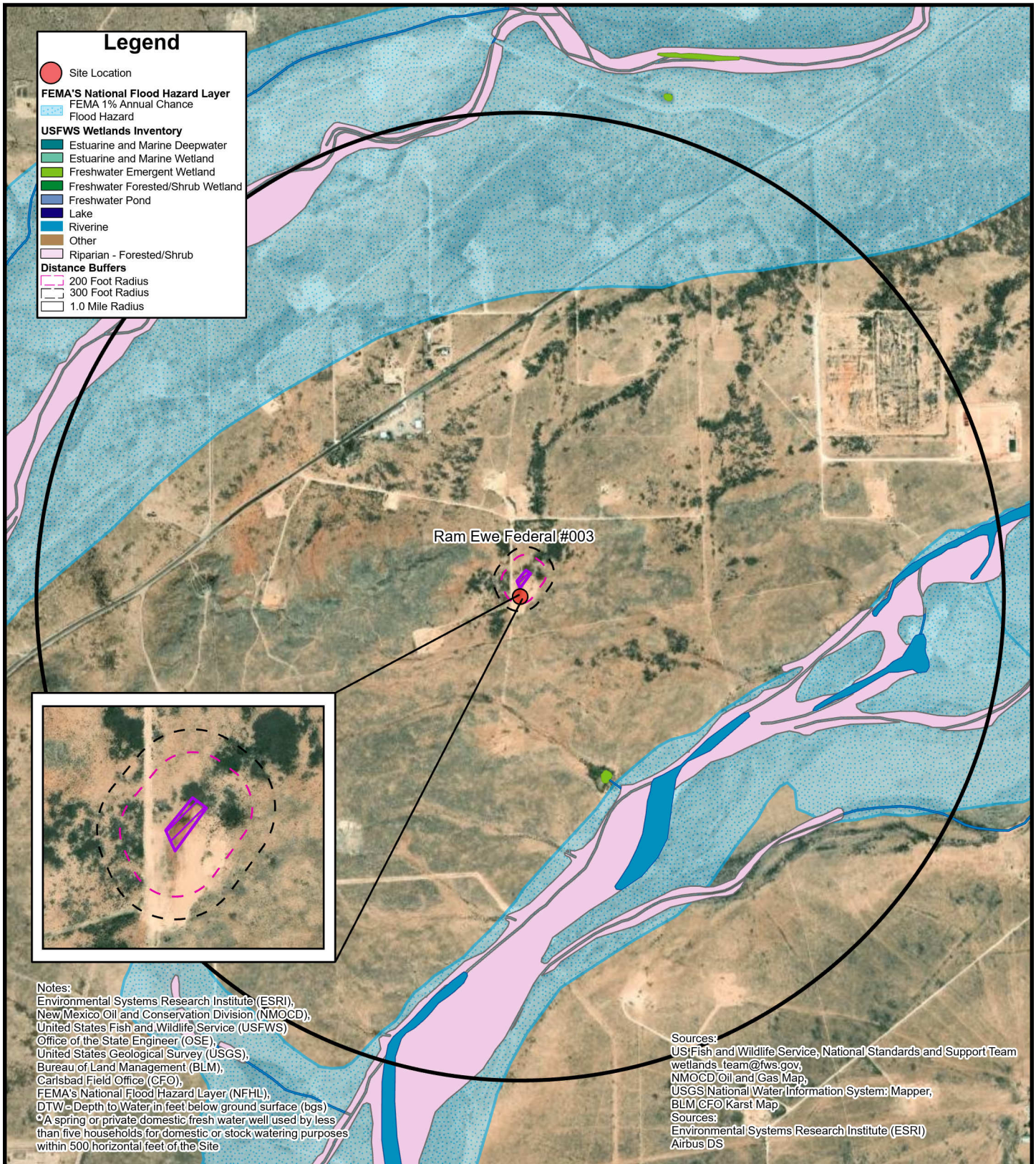
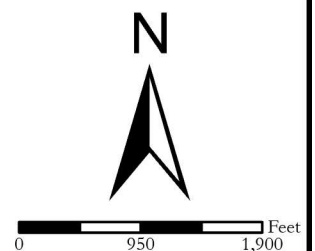


FIGURE 1B
**Site Characterization Map
 Surficial Receptors**

WPX ENERGY PERMIAN, LLC
 Ram Ewe Federal #003
 Unit O Sec 33 T22S R26E
 Eddy County, New Mexico



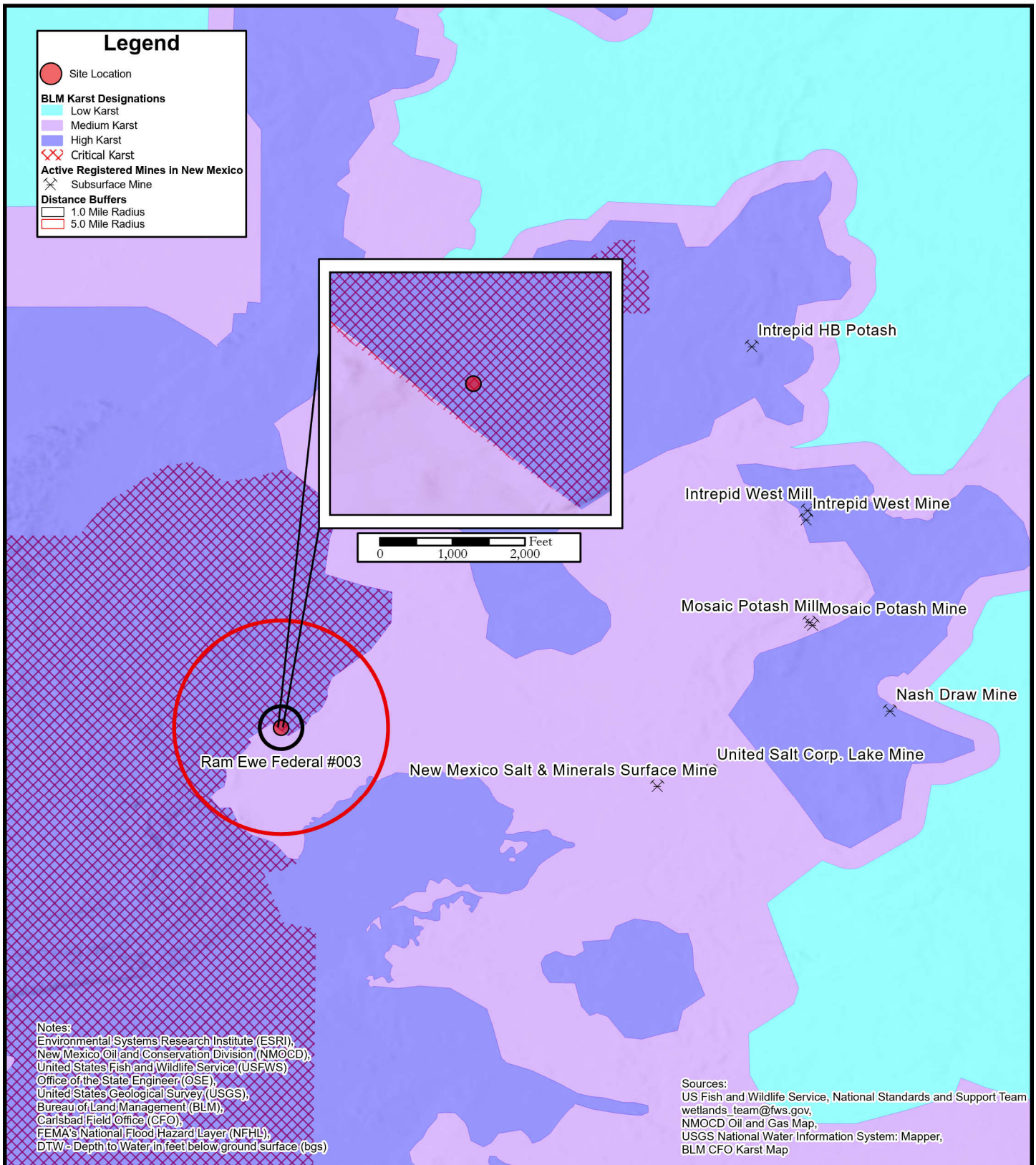
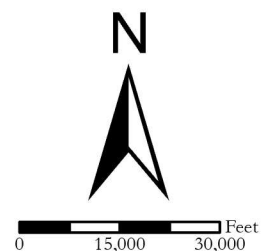


FIGURE 1C
Site Characterization Map
Subsurface Receptors

WPX ENERGY PERMIAN, LLC
 Ram Ewe Federal #003
 Unit O Sec 33 T22S R26E
 Eddy County, New Mexico



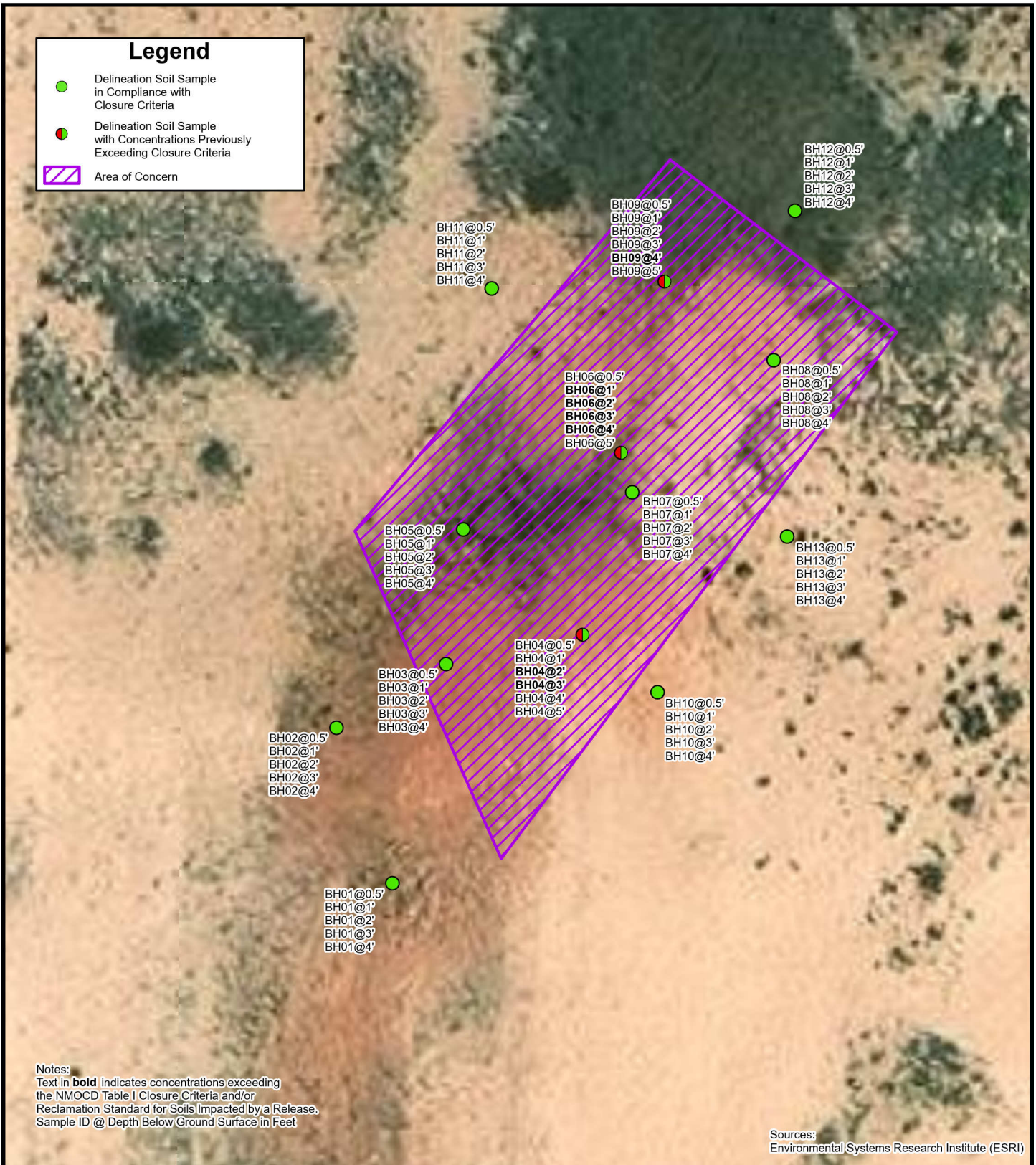
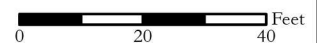
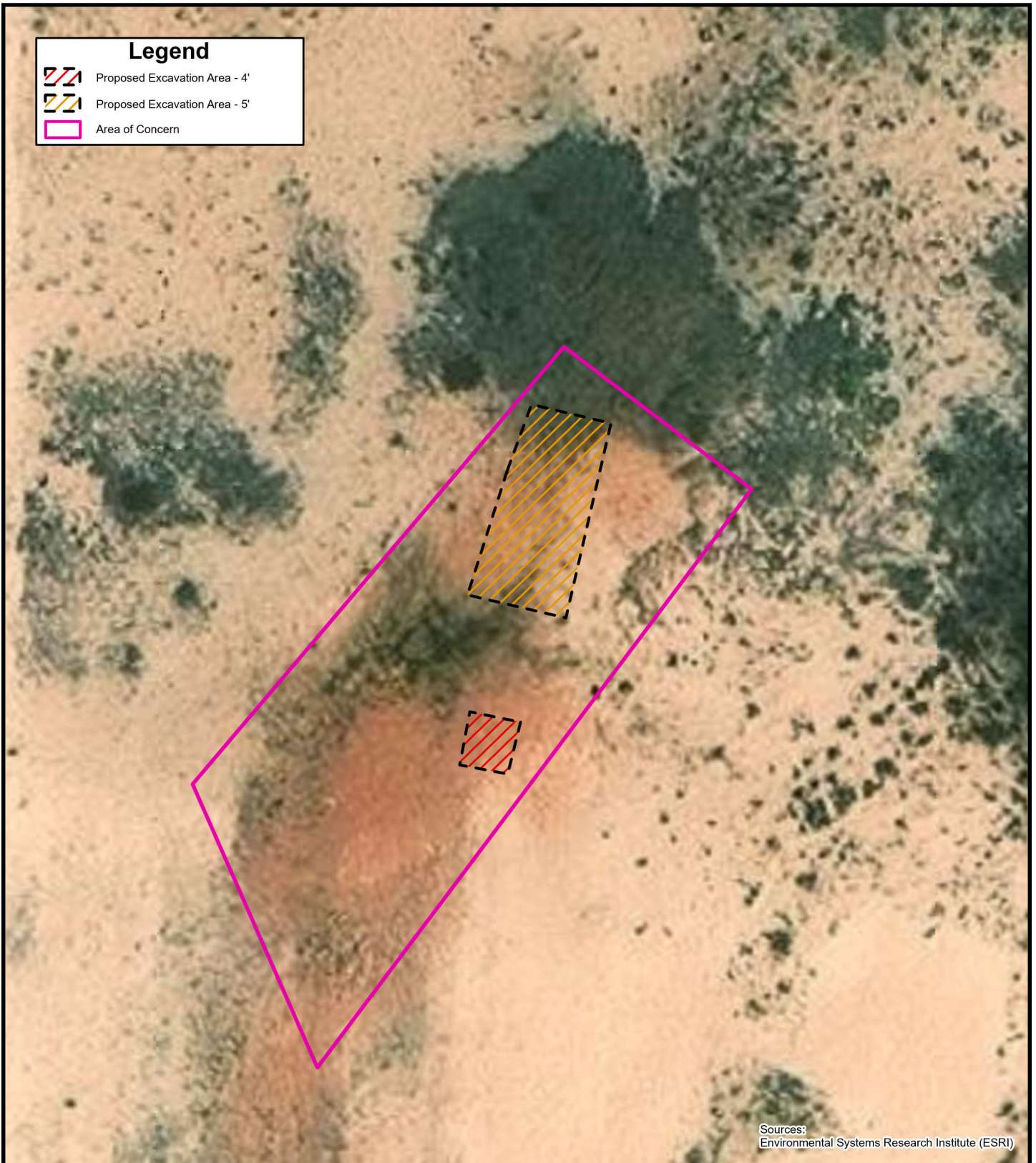


FIGURE 2




Delineation Soil Sample Locations

WPX Energy Permian, LLC
 Ram Ewe Federal #003
 32.3438644, -104.2958145
 Unit O Sec 33 T22S R26E
 Eddy County, New Mexico





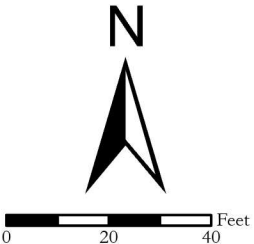
Legend

-  Proposed Excavation Area - 4'
-  Proposed Excavation Area - 5'
-  Area of Concern

Sources:
Environmental Systems Research Institute (ESRI)



FIGURE 3
Proposed Excavation Areas
WPX Energy Permian, LLC
Ram Ewe Federal #003
32.3438644, -104.2958145
Unit O Sec 33 T22S R26E
Eddy County, New Mexico



| Appendix B

P.O. Box 62228 Midland TX 79711 Tel: 432-563-2200 Fax: 432-563-2213

STATE ENGINEER OFFICE
WELL RECORD

466794

Section 1. GENERAL INFORMATION

(A) Owner of well LYNN THOMPSON Owner's Well No. C-2964
Street or Post Office Address 502 SUNNY VIEW
City and State CARLSBAD N. MEX

Well was drilled under Permit No. C-2964 and is located in the:

- a. $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 33 Township 22 S Range 26 E N.M.P.M.
- b. Tract No. _____ of Map No. _____ of the _____
- c. Lot No. _____ of Block No. _____ of the _____
Subdivision, recorded in EDDY County.
- d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant.

(B) Drilling Contractor JOSEPH M. VLOSICH JR License No. WD-1536
Address R 329 N. HAPPY VALLEY Rd.
Drilling Began 5-10-03 Completed 6-3-03 Type tools CABLE Size of hole 9 in.
Elevation of land surface or UNKNOWN at well is _____ ft. Total depth of well 319 ft.
Completed well is shallow artesian. Depth to water upon completion of well _____ ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From	To			
			<u>DRY HOLE</u>	

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet		Length (feet)	Type of Shoe	Perforations	
			Top	Bottom			From	To

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
From	To				

Section 5. PLUGGING RECORD

Plugging Contractor _____
Address _____
Plugging Method _____
Date Well Plugged _____
Plugging approved by: _____
State Engineer Representative

No.	Depth in Feet		Cubic Feet of Cement
	Top	Bottom	
1			
2			
3			
4			

2003 JUN 11 AM 10:47
STATE ENGINEER OFFICE
CARLSBAD, NEW MEXICO

Date Received 6-11-03 FOR USE OF STATE ENGINEER ONLY 265845
Quad _____ FWL _____ FSL _____
File No. C-2964 Use Dom/stk Location No. 22.26.33.233

Section 6. LOG OF HOLE

Depth in Feet		Thickness in Feet	Color and Type of Material Encountered
From	To		
0	10	10	SURFACE DIRT
10	12	2	LIGHT BROWN CLAY
12	17	5	LIGHT RED CLAY
17	26	9	LIGHT BROWN CLAY
26	30	4	LIGHT RED CLAY
30	34	4	LIGHT BROWN CLAY
34	41	7	LIGHT RED CLAY
41	55	14	LIGHT BROWN CLAY
55	65	10	LIGHT REDDISH CLAY
65	90	25	MEDIUM BROWN CLAY
90	95	5	OFF WHITE CLAY
95	132	37	LIGHT REDDISH BROWN CLAY
132	144	12	MEDIUM BROWN CLAY
144	148	4	DARK GREY GYPSUM
148	182	34	LIGHT GREY GYPSUM
182	197	15	OFF WHITE GYPSUM
197	203	6	LIGHT GRAY GYPSUM
203	234	31	LIGHT BLUE GYPSUM
234	247	13	LIGHT GREY GYPSUM
247	253	6	WHITE GYPSUM
253	301	48	OFF WHITE GYPSUM
301	319	18	LIGHT GREY GYPSUM

Section 7. REMARKS AND ADDITIONAL INFORMATION

2" x 6" METAL SURFACE CASING WITH CAP WELDED ON TOP WITH 3/4" PIPE NIPPLE & CAP ON TOP CEMENTED IN GROUND.

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Joseph M. Klovich Jr.
Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed.

| Appendix C

P.O. Box 62228 Midland TX 79711 Tel: 432-563-2200 Fax: 432-563-2213



Sample Name: BH01	Date: 07/01/2025
Site Name: Ram Ewe Federal #003	
Incident Number: nMLB0704337034	
Job Number: 21975	

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: HB	Method: Hand Auger
Site Coordinates: 32.344209, -104.295803	Hole Diameter: 3.75 inches
	Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<116	14.1	No	BH01	0.5	0.5	SP-SM	(0-4') SAND, dry, brown, very fine to fine grain, poorly graded with silt, trace subangular to subrounded gravel (2-5"), no staining or odor. @ 1' Change in gravel from trace to none. @ 4' Color change to tan, refusal with hand auger.
Dry	<116	112.4	No	BH01	1	1		
Dry	<116	72.0	No	BH01	2	2		
Dry	<116	85.9	No	BH01	3	3		
Dry	<116	144.8	No	BH01	4	4		

Total Depth



Sample Name: BH02	Date: 07/01/2025
Site Name: Ram Ewe Federal #003	
Incident Number: nMLB0704337034	
Job Number: 21975	

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: HB	Method: Hand Auger
Site Coordinates: 32.344306, -104.295845	Hole Diameter: 3.75 inches
	Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	116	0.0	No	BH02	0.5	0.5	SP-SM	(0-4') SAND, dry, brown, very fine to fine grain, poorly graded with silt, trace clay, no staining or odor. @1' No more clay.
Dry	116	7.5	No	BH02	1	1		
Dry	260	53.9	No	BH02	2	2		
Dry	228	3.0	No	BH02	3	3		
Dry	196	20.0	No	BH02	4	4		

Total Depth



Sample Name: BH03	Date: 07/02/2025
Site Name: Ram Ewe Federal #003	
Incident Number: nMLB0704337034	
Job Number: 21975	

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: HB	Method: Hand Auger
Site Coordinates: 32.344346, -104.295765	Hole Diameter: 3.75 inches
	Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<116	15.5	No	BH03	0.5	0.5	SP-SM	(0-4') SAND, dry, brown, very fine to fine grain, poorly graded with silt, trace clay, no staining or odor. @1' No more clay.
Dry	<116	2.9	No	BH03	1	1		
Dry	<116	14.2	No	BH03	2	2		
Dry	<116	18.0	No	BH03	3	3		
Dry	<116	6.4	No	BH03	4	4		

Total Depth



Sample Name: BH04 Date: 07/02/2025, 09/17/2025
 Site Name: Ram Ewe Federal #003
 Incident Number: nMLB0704337034
 Job Number: 21975

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: HB & CI Method: Hand Auger, Trackhoe
 Site Coordinates: 32.344365, -104.295666 Hole Diameter: 3.75 inches Total Depth: 5 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<116	18.4	No	BH04	0.5	0.5	SP-SM	(0-5') SAND, dry, brown, very fine to fine grain, poorly graded with silt, no staining or odor.
Dry	116	1.5	No	BH04	1	1		@ 1' Change in clay from trace to none.
Dry	454	23.2	No	BH04	2	2		@ 2' Refusal with Hand Auger.
Dry	1,152	1.6	No	BH04	3	3		@3-5' Begin delineation with trackhoe.
Dry	460	2.1	No	BH04	4	4		@3-5' Fine to coarse grain.
Dry	<116	1.2	No	BH04	5	5		@5' Some gravel.

Total Depth



Sample Name: BH05	Date: 07/02/2025
Site Name: Ram Ewe Federal #003	
Incident Number: nMLB0704337034	
Job Number: 21975	

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: HB	Method: Hand Auger
Site Coordinates: 32.344430, -104.295753	Hole Diameter: 3.75 inches
	Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<112	10.4	No	BH05	0.5	0.5	SP-SM	(0-4') SAND, dry, brown, very fine to fine grain, poorly graded with silt, no staining or odor.
Dry	<112	6.6	No	BH05	1	1		
Dry	<112	20.5	No	BH05	2	2		@ 2' Change in clay from trace to none.
Dry	<112	15.2	No	BH05	3	3		
Dry	<112	4.0	No	BH05	4	4		

Total Depth



Sample Name: BH06 Date: 07/02/2025, 09/17/2025
 Site Name: Ram Ewe Federal #003
 Incident Number: nMLB0704337034
 Job Number: 21975

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: HB & CI Method: Hand Auger, Trackhoe
 Site Coordinates: 32.344478, -104.295638 Hole Diameter: 3.75 inches Total Depth: 7 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	112	22.4	No	BH06	0.5	0.5	SP-SM	(0-7') SAND, dry, brown, very fine to fine grain, poorly graded with silt, no staining or odor.
Dry	460	29.4	No	BH06	1	1		@ 1' Change in clay from trace to none.
Dry	792	4.9	No	BH06	2	2		@ 2' Refusal with Hand Auger.
Dry	1,072	1.3	No	BH06	3	3		@3-7' Begin delineation with trackhoe. @3-7' Fine to coarse grain.
Dry	668	0.7	No	BH06	4	4		
Dry	336	1.2	No	BH06	5	5		@ 5' Some clay.
Dry	336	4.6	No	BH06	6	6		@ 6' Faint odor.
Dry	136	1.1	No	BH06	7	7		@ 7' No odor, tan and some caliche.

Total Depth



Sample Name: BH07	Date: 09/17/2025
Site Name: Ram Ewe Federal #003	
Incident Number: nMLB0704337034	
Job Number: 21975	

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: CI	Method: Trackhoe
Site Coordinates: 32.344453, -104.295631	Hole Diameter: 3.75 inches
	Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<116	0.0	No	BH07	0.5	0.5	SP-SM	(0-4') SAND, dry, light brown, fine to coarse grain, poorly graded with silt, some organic, no staining or odor.
Dry	<116	0.3	No	BH07	1	1		
Dry	<116	0.2	No	BH07	2	2		
Dry	<116	0.2	No	BH07	3	3		
Dry	<116	0.9	No	BH07	4	4		

@ 4' Some gravel.

Total Depth



Sample Name: BH08	Date: 09/17/2025
Site Name: Ram Ewe Federal #003	
Incident Number: nMLB0704337034	
Job Number: 21975	

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: CI	Method: Trackhoe
Site Coordinates: 32.344537, -104.295525	Hole Diameter: 3.75 inches
	Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<116	0.0	No	BH08	0.5	0.5	SP-SM	(0-4') SAND, dry, light brown, fine to coarse grain, poorly graded with silt, some organic, no staining or odor.
Dry	<116	0.8	No	BH08	1	1		
Dry	<116	0.5	No	BH08	2	2		
Dry	<116	0.7	No	BH08	3	3		
Dry	<116	1.5	No	BH08	4	4		

@ 4' some gravel

Total Depth



Sample Name: BH09	Date: 09/17/2025
Site Name: Ram Ewe Federal #003	
Incident Number: nMLB0704337034	
Job Number: 21975	

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: CI	Method: Trackhoe
Site Coordinates: 32.344581, -104.295610	Hole Diameter: 3.75 inches
	Total Depth: 5 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<116	0.0	No	BH09	0.5	0.5	SP-SM	(0-5') SAND, dry, brown, fine to coarse grain, poorly graded with silt, some organic, no staining or odor. @ 4' some gravel
Dry	<116	0.7	No	BH09	1	1		
Dry	<116	1.2	No	BH09	2	2		
Dry	<116	1.1	No	BH09	3	3		
Dry	612	1.9	No	BH09	4	4		
Dry	<116	0.9	No	BH09	5	5		

Total Depth



Sample Name: BH10	Date: 09/17/2025
Site Name: Ram Ewe Federal #003	
Incident Number: nMLB0704337034	
Job Number: 21975	

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: CI	Method: Trackhoe
Site Coordinates: 32.344319, -104.295606	Hole Diameter: 3.75 inches
	Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<116	0.0	No	BH10	0.5	0.5	SP-SM	(0-4') SAND, dry, brown, fine to coarse grain, poorly graded with silt, some organic, no staining or odor. @ 4' some gravel
Dry	<116	0.9	No	BH10	1	1		
Dry	300	1.1	No	BH10	2	2		
Dry	184	0.9	No	BH10	3	3		
Dry	156	0.9	No	BH10	4	4		

Total Depth



Sample Name: BH11	Date: 09/17/2025
Site Name: Ram Ewe Federal #003	
Incident Number: nMLB0704337034	
Job Number: 21975	

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: CI	Method: Trackhoe
Site Coordinates: 32.344629, -104.295683	Hole Diameter: 3.75 inches
	Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<116	0.0	No	BH11	0.5	0.5	SP-SM	(0-4') SAND, dry, brown, fine to coarse grain, poorly graded with silt, some organic, no staining or odor. @ 4' some gravel.
Dry	<116	2.3	No	BH11	1	1		
Dry	<116	1.9	No	BH11	2	2		
Dry	<116	3.0	No	BH11	3	3		
Dry	<116	1.8	No	BH11	4	4		

Total Depth



Sample Name: BH12	Date: 09/17/2025
Site Name: Ram Ewe Federal #003	
Incident Number: nMLB0704337034	
Job Number: 21975	

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: CI	Method: Trackhoe
Site Coordinates: 32.344643, -104.295491	Hole Diameter: 3.75 inches
	Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<116	0.0	No	BH12	0.5	0.5	SP-SM	(0-4') SAND, dry, brown, fine to coarse grain, poorly graded with silt, some organic, no staining or odor. @ 4' some gravel.
Dry	<116	1.0	No	BH12	1	1		
Dry	<116	1.7	No	BH12	2	2		
Dry	<116	1.6	No	BH12	3	3		
Dry	<116	2.1	No	BH12	4	4		

Total Depth



Sample Name: BH13	Date: 09/17/2025
Site Name: Ram Ewe Federal #003	
Incident Number: nMLB0704337034	
Job Number: 21975	

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: CI	Method: Trackhoe
Site Coordinates: 32.344488, -104.295444	Hole Diameter: 3.75 inches
	Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<116	0.0	No	BH13	0.5	0.5	SP-SM	(0-4') SAND, dry, brown, very fine to fine grain, poorly graded with silt, some organic, no staining or odor. @ 4' some gravel.
Dry	<116	0.9	No	BH13	1	1		
Dry	<116	1.9	No	BH13	2	2		
Dry	156	1.0	No	BH13	3	3		
Dry	<116	1.3	No	BH13	4	4		

Total Depth

| Appendix D

P.O. Box 62228 Midland TX 79711 Tel: 432-563-2200 Fax: 432-563-2213

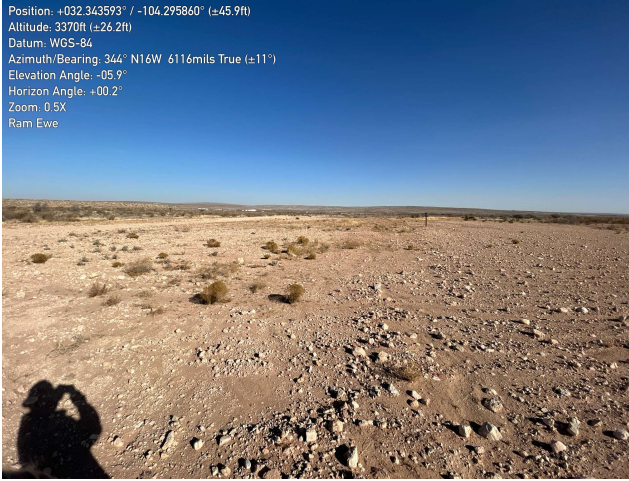


PHOTOGRAPHIC LOG

WPX Energy Permian, LLC

Ram Ewe Federal #003

Incident Number nMLB0704337034



Photograph 1 Date: 03/25/2025
Description: Northwestern view during site assessment.



Photograph 2 Date: 03/25/2025
Description: Northeastern view during site assessment.



Photograph 3 Date: 03/25/2025
Description: Southeastern view during site assessment.



Photograph 4 Date: 03/25/2025
Description: Southwestern view during site assessment.



PHOTOGRAPHIC LOG

WPX Energy Permian, LLC

Ram Ewe Federal #003

Incident Number nMLB0704337034



Photograph 5

Date: 07/01/2025

Description: Northwestern view of delineation activities.

Photograph 6

Date: 07/02/2025

Description: Northeastern view of delineation activities.



Photograph 7

Date: 09/17/2025

Description: Northeastern view of delineation activities.

Photograph 8

Date: 09/17/2025

Description: Northeastern view of delineation activities.

| Appendix E

P.O. Box 62228 Midland TX 79711 Tel: 432-563-2200 Fax: 432-563-2213



**Table 1
SOIL SAMPLE ANALYTICAL RESULTS
WPX Energy Permian, LLC
Ram Ewe Federal #003
Eddy County, New Mexico**

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCDC Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)			10	50	NE	NE	NE	100	600
Delineation Soil Samples - Incident Number nMLB0704337034									
BH01*	07/01/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH01*	07/01/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	98.7
BH01*	07/01/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	96.4
BH01*	07/01/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	62.3
BH01	07/01/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	32.1
BH02*	07/01/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	99.7
BH02*	07/01/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	270
BH02*	07/01/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	449
BH02*	07/01/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	289
BH02	07/01/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	236
BH03*	07/02/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH03*	07/02/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH03*	07/02/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH03*	07/02/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH03	07/02/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH04*	07/02/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH04*	07/02/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	175
BH04*	07/02/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	725
BH04*	09/17/2025	3	<0.0250	<0.0500	<20.0	37.3	58.4	95.7	1,860
BH04	09/17/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	406
BH04	09/17/2025	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<200



Table 1
SOIL SAMPLE ANALYTICAL RESULTS
WPX Energy Permian, LLC
Ram Ewe Federal #003
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCDC Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)			10	50	NE	NE	NE	100	600
BH05*	07/02/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH05*	07/02/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH05*	07/02/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	20.6
BH05*	07/02/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	20.1
BH05	07/02/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	37.5
BH06*	07/02/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	172
BH06*	07/02/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	734
BH06*	07/02/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	1,850
BH06*	09/17/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	1,490
BH06	09/17/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	870
BH06	09/17/2025	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	329
BH07*	09/17/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH07*	09/17/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH07*	09/17/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH07*	09/17/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	24.8
BH07	09/17/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	51.9
BH08*	09/17/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	47.6
BH08*	09/17/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH08*	09/17/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH08*	09/17/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH08	09/17/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	95.9



Table 1
SOIL SAMPLE ANALYTICAL RESULTS
WPX Energy Permian, LLC
Ram Ewe Federal #003
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCB Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)			10	50	NE	NE	NE	100	600
BH09*	09/17/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH09*	09/17/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH09*	09/17/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH09*	09/17/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH09	09/17/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	667
BH09	09/17/2025	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<200
BH10*	09/17/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	53.1
BH10*	09/17/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	132
BH10*	09/17/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	317
BH10*	09/17/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	266
BH10	09/17/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<200
BH11*	09/17/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH11*	09/17/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH11*	09/17/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH11*	09/17/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH11	09/17/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	22.2
BH12*	09/17/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH12*	09/17/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	20.5
BH12*	09/17/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH12*	09/17/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH12	09/17/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	29.8



**Table 1
SOIL SAMPLE ANALYTICAL RESULTS
WPX Energy Permian, LLC
Ram Ewe Federal #003
Eddy County, New Mexico**

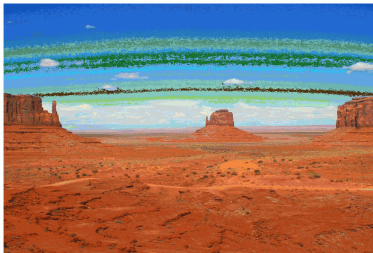
Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)			10	50	NE	NE	NE	100	600
BH13*	09/17/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	45.8
BH13*	09/17/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	53.0
BH13*	09/17/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	39.5
BH13*	09/17/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	96.4
BH13	09/17/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<200

Notes:
 bgs: below ground surface
 mg/kg: milligrams per kilogram
 BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes
 GRO: Gasoline Range Organics
 DRO: Diesel Range Organics
 ORO: Oil Range Organics
 TPH: Total Petroleum Hydrocarbon
 NMOCD: New Mexico Oil Conservation Division
 NMAC: New Mexico Administrative Code
 Text in "grey" represents excavated soil samples
 Concentrations in **bold** exceed the NMOCD Table I Closure Criteria and/or Reclamation Standard¹ for Soils Impacted by a Release
¹The reclamation concentration requirements of 600 mg/kg chloride and 100 mg/kg TPH apply to the top 4 feet of areas to be immediately reclaimed following remediation pursuant to NMAC 19.15.17.13.

| Appendix F

P.O. Box 62228 Midland TX 79711 Tel: 432-563-2200 Fax: 432-563-2213

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

WPX Energy - Carlsbad

Project Name: Ram Ewe Federal #003

Work Order: E507046

Job Number: 01058-0007

Received: 7/8/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/11/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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.
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Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.



Date Reported: 7/11/25

Anna Byers
5315 Buena Vista Dr
Carlsbad, NM 88220

Project Name: Ram Ewe Federal #003
Workorder: E507046
Date Received: 7/8/2025 8:00:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/8/2025 8:00:00AM, under the Project Name: Ram Ewe Federal #003.

The analytical test results summarized in this report with the Project Name: Ram Ewe Federal #003 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 regarding 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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@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

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 07/11/25 15:37
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01 0.5'	E507046-01A	Soil	07/01/25	07/08/25	Glass Jar, 2 oz.
BH01 1'	E507046-02A	Soil	07/01/25	07/08/25	Glass Jar, 2 oz.
BH01 2'	E507046-03A	Soil	07/01/25	07/08/25	Glass Jar, 2 oz.
BH01 3'	E507046-04A	Soil	07/01/25	07/08/25	Glass Jar, 2 oz.
BH01 4'	E507046-05A	Soil	07/01/25	07/08/25	Glass Jar, 2 oz.
BH02 0.5'	E507046-06A	Soil	07/01/25	07/08/25	Glass Jar, 2 oz.
BH02 1'	E507046-07A	Soil	07/01/25	07/08/25	Glass Jar, 2 oz.
BH02 2'	E507046-08A	Soil	07/01/25	07/08/25	Glass Jar, 2 oz.
BH02 3'	E507046-09A	Soil	07/01/25	07/08/25	Glass Jar, 2 oz.
BH02 4'	E507046-10A	Soil	07/01/25	07/08/25	Glass Jar, 2 oz.



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/11/2025 3:37:25PM
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BH01 0.5'
E507046-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: SL		Batch: 2528050
Benzene	ND	0.0250	1	07/08/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/10/25	
Toluene	ND	0.0250	1	07/08/25	07/10/25	
o-Xylene	ND	0.0250	1	07/08/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		88.0 %	70-130	07/08/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: SL		Batch: 2528050
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.8 %	70-130	07/08/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: KH		Batch: 2528075
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>		122 %	61-141	07/08/25	07/09/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: AK		Batch: 2528088
Chloride	ND	20.0	1	07/08/25	07/10/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/11/2025 3:37:25PM
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BH01 1'

E507046-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: SL		Batch: 2528050
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		85.8 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: SL		Batch: 2528050
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		98.3 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: KH		Batch: 2528075
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>		121 %	61-141	07/08/25	07/09/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: AK		Batch: 2528088
Chloride	98.7	20.0	1	07/08/25	07/09/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/11/2025 3:37:25PM
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BH01 2'

E507046-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2528050
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		87.0 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2528050
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		106 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2528075
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
		123 %	61-141	07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2528088
Chloride	96.4	20.0	1	07/08/25	07/10/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/11/2025 3:37:25PM
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BH01 3'

E507046-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2528050
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		87.7 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2528050
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		113 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2528075
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
		135 %	61-141	07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2528088
Chloride	62.3	20.0	1	07/08/25	07/10/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/11/2025 3:37:25PM
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BH01 4'

E507046-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2528050
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		86.1 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2528050
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.7 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2528075
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>		120 %	61-141	07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: AK		Batch: 2528088
Chloride	32.1	20.0	1	07/08/25	07/10/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/11/2025 3:37:25PM
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BH02 0.5'

E507046-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: SL		Batch: 2528050
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		86.0 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: SL		Batch: 2528050
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.6 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: KH		Batch: 2528075
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>		120 %	61-141	07/08/25	07/09/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: AK		Batch: 2528088
Chloride	99.7	20.0	1	07/08/25	07/10/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/11/2025 3:37:25PM
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BH02 1'

E507046-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2528050
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		86.7 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2528050
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.6 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2528075
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
		128 %	61-141	07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2528088
Chloride	270	20.0	1	07/08/25	07/10/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/11/2025 3:37:25PM
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BH02 2'
E507046-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: SL		Batch: 2528050
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		85.9 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: SL		Batch: 2528050
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.4 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: KH		Batch: 2528075
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>		122 %	61-141	07/08/25	07/09/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: AK		Batch: 2528088
Chloride	449	20.0	1	07/08/25	07/10/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/11/2025 3:37:25PM
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BH02 3'

E507046-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2528050
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		85.9 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2528050
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.0 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2528075
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
		131 %	61-141	07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2528088
Chloride	289	40.0	2	07/08/25	07/10/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/11/2025 3:37:25PM
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BH02 4'

E507046-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2528050
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		87.0 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2528050
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.8 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2528075
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
		124 %	61-141	07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2528088
Chloride	236	40.0	2	07/08/25	07/10/25	



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/11/2025 3:37:25PM
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Volatile Organics by EPA 8021B

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
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Blank (2528050-BLK1)

Prepared: 07/08/25 Analyzed: 07/10/25

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	7.11		8.00		88.9	70-130			

LCS (2528050-BS1)

Prepared: 07/08/25 Analyzed: 07/10/25

Benzene	5.95	0.0250	5.00		119	70-130			
Ethylbenzene	5.80	0.0250	5.00		116	70-130			
Toluene	5.90	0.0250	5.00		118	70-130			
o-Xylene	5.75	0.0250	5.00		115	70-130			
p,m-Xylene	11.7	0.0500	10.0		117	70-130			
Total Xylenes	17.4	0.0250	15.0		116	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.17		8.00		89.6	70-130			

Matrix Spike (2528050-MS1)

Source: E507046-01

Prepared: 07/08/25 Analyzed: 07/10/25

Benzene	4.94	0.0250	5.00	ND	98.7	70-130			
Ethylbenzene	4.85	0.0250	5.00	ND	97.0	70-130			
Toluene	4.93	0.0250	5.00	ND	98.5	70-130			
o-Xylene	4.86	0.0250	5.00	ND	97.1	70-130			
p,m-Xylene	9.80	0.0500	10.0	ND	98.0	70-130			
Total Xylenes	14.7	0.0250	15.0	ND	97.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.07		8.00		88.4	70-130			

Matrix Spike Dup (2528050-MSD1)

Source: E507046-01

Prepared: 07/08/25 Analyzed: 07/10/25

Benzene	5.98	0.0250	5.00	ND	120	70-130	19.2	27	
Ethylbenzene	5.83	0.0250	5.00	ND	117	70-130	18.4	26	
Toluene	5.93	0.0250	5.00	ND	119	70-130	18.5	20	
o-Xylene	5.79	0.0250	5.00	ND	116	70-130	17.5	25	
p,m-Xylene	11.7	0.0500	10.0	ND	117	70-130	17.9	23	
Total Xylenes	17.5	0.0250	15.0	ND	117	70-130	17.8	26	
Surrogate: 4-Bromochlorobenzene-PID	7.09		8.00		88.6	70-130			



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/11/2025 3:37:25PM
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Nonhalogenated Organics by EPA 8015D - GRO

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
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Blank (2528050-BLK1)

Prepared: 07/08/25 Analyzed: 07/10/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.46		8.00		93.3	70-130			

LCS (2528050-BS2)

Prepared: 07/08/25 Analyzed: 07/10/25

Gasoline Range Organics (C6-C10)	42.7	20.0	50.0		85.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.65		8.00		95.6	70-130			

Matrix Spike (2528050-MS2)

Source: E507046-01

Prepared: 07/08/25 Analyzed: 07/10/25

Gasoline Range Organics (C6-C10)	44.5	20.0	50.0	ND	89.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.50		8.00		93.8	70-130			

Matrix Spike Dup (2528050-MSD2)

Source: E507046-01

Prepared: 07/08/25 Analyzed: 07/10/25

Gasoline Range Organics (C6-C10)	47.0	20.0	50.0	ND	94.0	70-130	5.43	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		8.00		94.1	70-130			



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/11/2025 3:37:25PM
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Nonhalogenated Organics by EPA 8015D - DRO/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
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Blank (2528075-BLK1)

Prepared: 07/08/25 Analyzed: 07/09/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.7		50.0		111	61-141			

LCS (2528075-BS1)

Prepared: 07/08/25 Analyzed: 07/09/25

Diesel Range Organics (C10-C28)	276	25.0	250		110	66-144			
Surrogate: n-Nonane	54.3		50.0		109	61-141			

Matrix Spike (2528075-MS1)

Source: E507075-01

Prepared: 07/08/25 Analyzed: 07/09/25

Diesel Range Organics (C10-C28)	398	25.0	250	121	111	56-156			
Surrogate: n-Nonane	55.5		50.0		111	61-141			

Matrix Spike Dup (2528075-MSD1)

Source: E507075-01

Prepared: 07/08/25 Analyzed: 07/09/25

Diesel Range Organics (C10-C28)	406	25.0	250	121	114	56-156	1.93	20	
Surrogate: n-Nonane	54.6		50.0		109	61-141			



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/11/2025 3:37:25PM
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Anions by EPA 300.0/9056A

Analyst: AK

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2528088-BLK1)

Prepared: 07/08/25 Analyzed: 07/09/25

Chloride	ND	20.0							
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LCS (2528088-BS1)

Prepared: 07/08/25 Analyzed: 07/09/25

Chloride	250	20.0	250		100	90-110			
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Matrix Spike (2528088-MS1)

Source: E507046-02

Prepared: 07/08/25 Analyzed: 07/09/25

Chloride	346	20.0	250	98.7	98.8	80-120			
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Matrix Spike Dup (2528088-MSD1)

Source: E507046-02

Prepared: 07/08/25 Analyzed: 07/09/25

Chloride	349	20.0	250	98.7	100	80-120	0.813	20	
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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.



Definitions and Notes

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	
5315 Buena Vista Dr	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Anna Byers	07/11/25 15:37

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				Invoice Information				Lab Use Only				TAT				State			
Client: WPX Energy Permian, LLC.				Company: WPX Energy Permian, LLC.				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project: Ram Ewe Federal #003				Address: 5315 Buena Vista Dr.				E507040		0108-007					X	X			
Project Manager: Anna Byers				City, State, Zip: Carlsbad, NM, 88220															
Address: 13000 W County Rd 100				Phone: 575-885-7502															
City, State, Zip: Odessa, TX, 79765				Email: jim.raley@dn.com															
Phone: 432-305-6415				Miscellaneous: CC:1094698801 - NM LEGACY ABANDONED															
Email: NMTXGeoGroup@etechemv.com				LOC ; PN: 21975; IN: nMLB0704337034															

Sample Information										Analysis and Method								EPA Program		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA		
9:45	7/1/2025	S	1	BH01	0.5'	1								X						
9:50	7/1/2025	S	1	BH01	1'	2								X						
10:10	7/1/2025	S	1	BH01	2'	3								X						
10:15	7/1/2025	S	1	BH01	3'	4								X						
10:25	7/1/2025	S	1	BH01	4'	5								X						
12:30	7/1/2025	S	1	BH02	0.5'	6								X						
12:35	7/1/2025	S	1	BH02	1'	7								X						
12:40	7/1/2025	S	1	BH02	2'	8								X						
12:45	7/1/2025	S	1	BH02	3'	9								X						
12:50	7/1/2025	S	1	BH02	4'	10								X						

Additional Instructions:

I, (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.

Sampled by: Haleigh Blume						Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: O/N					
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>Haleigh Blume</i>	7-7-25	1230	<i>Michelle Gonzales</i>	7-7-25	1230						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>Michelle Gonzales</i>	7-7-25	1500	<i>Richard Gonzales</i>	7-7-25	1500						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>Richard Gonzales</i>	7-7-25	830	<i>Carli Mar</i>	7-8-25	800						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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.

Envirotech Analytical Laboratory

Printed: 7/8/2025 11:17:09AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client: WPX Energy - Carlsbad	Date Received: 07/08/25 08:00	Work Order ID: E507046
Phone: (575) 200-6754	Date Logged In: 07/07/25 11:18	Logged In By: Caitlin Mars
Email: anna@etechnv.com	Due Date: 07/11/25 17:00 (3 day TAT)	

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
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Courier

Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this discussion.

Sample Turn Around Time (TAT)

- 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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

Sample Container

- 14. Are aqueous VOC samples present? No
- 15. Are VOC samples collected in VOA Vials? NA
- 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

- 20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

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 filtration 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

Comments/Resolution

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

Date



envirotech Inc.

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

WPX Energy - Carlsbad

Project Name: Ram Ewe Federal #003

Work Order: E507047

Job Number: 01058-0007

Received: 7/8/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/14/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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: 7/14/25

Anna Byers
5315 Buena Vista Dr
Carlsbad, NM 88220

Project Name: Ram Ewe Federal #003
Workorder: E507047
Date Received: 7/8/2025 8:00:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/8/2025 8:00:00AM, under the Project Name: Ram Ewe Federal #003.

The analytical test results summarized in this report with the Project Name: Ram Ewe Federal #003 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 regarding 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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@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

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 07/14/25 13:26
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH03 0.5'	E507047-01A	Soil	07/02/25	07/08/25	Glass Jar, 2 oz.
BH03 1'	E507047-02A	Soil	07/02/25	07/08/25	Glass Jar, 2 oz.
BH03 2'	E507047-03A	Soil	07/02/25	07/08/25	Glass Jar, 2 oz.
BH03 3'	E507047-04A	Soil	07/02/25	07/08/25	Glass Jar, 2 oz.
BH03 4'	E507047-05A	Soil	07/02/25	07/08/25	Glass Jar, 2 oz.
BH04 0.5'	E507047-06A	Soil	07/02/25	07/08/25	Glass Jar, 2 oz.
BH04 1'	E507047-07A	Soil	07/02/25	07/08/25	Glass Jar, 2 oz.
BH04 2'	E507047-08A	Soil	07/02/25	07/08/25	Glass Jar, 2 oz.
BH05 0.5'	E507047-09A	Soil	07/02/25	07/08/25	Glass Jar, 2 oz.
BH05 1'	E507047-10A	Soil	07/02/25	07/08/25	Glass Jar, 2 oz.
BH05 2'	E507047-11A	Soil	07/02/25	07/08/25	Glass Jar, 2 oz.
BH05 3'	E507047-12A	Soil	07/02/25	07/08/25	Glass Jar, 2 oz.
BH05 4'	E507047-13A	Soil	07/02/25	07/08/25	Glass Jar, 2 oz.
BH06 0.5'	E507047-14A	Soil	07/02/25	07/08/25	Glass Jar, 2 oz.
BH06 1'	E507047-15A	Soil	07/02/25	07/08/25	Glass Jar, 2 oz.
BH06 2'	E507047-16A	Soil	07/02/25	07/08/25	Glass Jar, 2 oz.

Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/14/2025 1:26:09PM
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BH03 0.5'
E507047-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528051	
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		94.4 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528051	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.4 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2528073	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
		84.2 %	61-141	07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2528090	
Chloride	ND	20.0	1	07/08/25	07/10/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/14/2025 1:26:09PM
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BH03 1'

E507047-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2528051
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		97.2 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2528051
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.1 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2528073
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
		81.0 %	61-141	07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2528090
Chloride	ND	20.0	1	07/08/25	07/10/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/14/2025 1:26:09PM
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BH03 2'

E507047-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2528051
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		96.4 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2528051
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.1 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2528073
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
		87.4 %	61-141	07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2528090
Chloride	ND	20.0	1	07/08/25	07/10/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/14/2025 1:26:09PM
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BH03 3'

E507047-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2528051
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		96.4 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2528051
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.9 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2528073
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
		88.6 %	61-141	07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2528090
Chloride	ND	20.0	1	07/08/25	07/10/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/14/2025 1:26:09PM
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BH03 4'

E507047-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2528051
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		98.2 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2528051
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.9 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2528073
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
		83.7 %	61-141	07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2528090
Chloride	ND	20.0	1	07/08/25	07/10/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/14/2025 1:26:09PM
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BH04 0.5'

E507047-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2528051
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		97.0 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2528051
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.3 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2528073
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
		84.0 %	61-141	07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2528090
Chloride	ND	20.0	1	07/08/25	07/10/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/14/2025 1:26:09PM
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BH04 1'

E507047-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2528051
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		99.0 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2528051
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.2 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2528073
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
		86.6 %	61-141	07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2528090
Chloride	175	20.0	1	07/08/25	07/10/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/14/2025 1:26:09PM
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BH04 2'

E507047-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2528051
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.7 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2528051
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.3 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2528073
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>		87.8 %	61-141	07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2528090
Chloride	725	40.0	2	07/08/25	07/10/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/14/2025 1:26:09PM
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BH05 0.5'

E507047-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2528051
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		99.2 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2528051
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.3 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2528073
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
		82.8 %	61-141	07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2528090
Chloride	ND	20.0	1	07/08/25	07/10/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/14/2025 1:26:09PM
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BH05 1'
E507047-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2528051
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		98.2 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2528051
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.5 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2528073
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
		82.4 %	61-141	07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2528090
Chloride	ND	20.0	1	07/08/25	07/10/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/14/2025 1:26:09PM
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BH05 2'
E507047-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2528051
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.5 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2528051
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.2 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2528073
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>		83.5 %	61-141	07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2528090
Chloride	20.6	20.0	1	07/08/25	07/10/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/14/2025 1:26:09PM
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BH05 3'

E507047-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2528051
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		99.8 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2528051
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.2 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2528073
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
		86.8 %	61-141	07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2528090
Chloride	20.1	20.0	1	07/08/25	07/10/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/14/2025 1:26:09PM
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BH05 4'

E507047-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2528051
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2528051
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.4 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2528073
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
		81.9 %	61-141	07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2528090
Chloride	37.5	20.0	1	07/08/25	07/10/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/14/2025 1:26:09PM
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BH06 0.5'

E507047-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2528051
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2528051
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.2 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2528073
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
		83.3 %	61-141	07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2528090
Chloride	172	20.0	1	07/08/25	07/10/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/14/2025 1:26:09PM
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BH06 1'

E507047-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: BA		Batch: 2528051
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: BA		Batch: 2528051
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.2 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: KH		Batch: 2528073
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>		86.2 %	61-141	07/08/25	07/09/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: DT		Batch: 2528090
Chloride	734	20.0	1	07/08/25	07/10/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/14/2025 1:26:09PM
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BH06 2'

E507047-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2528051
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2528051
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.6 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2528073
Diesel Range Organics (C10-C28)	45.8	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>		88.5 %	61-141	07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2528090
Chloride	1850	20.0	1	07/08/25	07/10/25	



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/14/2025 1:26:09PM
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Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2528051-BLK1)

Prepared: 07/08/25 Analyzed: 07/11/25

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	7.62		8.00		95.2	70-130			

LCS (2528051-BS1)

Prepared: 07/08/25 Analyzed: 07/11/25

Benzene	5.47	0.0250	5.00		109	70-130			
Ethylbenzene	5.27	0.0250	5.00		105	70-130			
Toluene	5.39	0.0250	5.00		108	70-130			
o-Xylene	5.16	0.0250	5.00		103	70-130			
p,m-Xylene	10.6	0.0500	10.0		106	70-130			
Total Xylenes	15.8	0.0250	15.0		105	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.83		8.00		97.9	70-130			

Matrix Spike (2528051-MS1)

Source: E507047-07

Prepared: 07/08/25 Analyzed: 07/11/25

Benzene	5.42	0.0250	5.00	ND	108	70-130			
Ethylbenzene	5.22	0.0250	5.00	ND	104	70-130			
Toluene	5.34	0.0250	5.00	ND	107	70-130			
o-Xylene	5.12	0.0250	5.00	ND	102	70-130			
p,m-Xylene	10.5	0.0500	10.0	ND	105	70-130			
Total Xylenes	15.6	0.0250	15.0	ND	104	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.98		8.00		99.7	70-130			

Matrix Spike Dup (2528051-MSD1)

Source: E507047-07

Prepared: 07/08/25 Analyzed: 07/11/25

Benzene	5.58	0.0250	5.00	ND	112	70-130	2.88	27	
Ethylbenzene	5.40	0.0250	5.00	ND	108	70-130	3.49	26	
Toluene	5.51	0.0250	5.00	ND	110	70-130	3.07	20	
o-Xylene	5.30	0.0250	5.00	ND	106	70-130	3.49	25	
p,m-Xylene	10.9	0.0500	10.0	ND	109	70-130	3.70	23	
Total Xylenes	16.2	0.0250	15.0	ND	108	70-130	3.63	26	
Surrogate: 4-Bromochlorobenzene-PID	7.98		8.00		99.8	70-130			



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/14/2025 1:26:09PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2528051-BLK1)

Prepared: 07/08/25 Analyzed: 07/11/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.78		8.00		97.3	70-130			

LCS (2528051-BS2)

Prepared: 07/08/25 Analyzed: 07/11/25

Gasoline Range Organics (C6-C10)	44.5	20.0	50.0		88.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.68		8.00		96.0	70-130			

Matrix Spike (2528051-MS2)

Source: E507047-07

Prepared: 07/08/25 Analyzed: 07/11/25

Gasoline Range Organics (C6-C10)	43.4	20.0	50.0	ND	86.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.52		8.00		93.9	70-130			

Matrix Spike Dup (2528051-MSD2)

Source: E507047-07

Prepared: 07/08/25 Analyzed: 07/11/25

Gasoline Range Organics (C6-C10)	40.4	20.0	50.0	ND	80.8	70-130	7.15	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.3	70-130			



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/14/2025 1:26:09PM
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Nonhalogenated Organics by EPA 8015D - DRO/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
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Blank (2528073-BLK1)

Prepared: 07/08/25 Analyzed: 07/09/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	43.9		50.0		87.8	61-141			

LCS (2528073-BS1)

Prepared: 07/08/25 Analyzed: 07/09/25

Diesel Range Organics (C10-C28)	227	25.0	250		90.8	66-144			
Surrogate: n-Nonane	39.8		50.0		79.6	61-141			

Matrix Spike (2528073-MS1)

Source: E507047-12

Prepared: 07/08/25 Analyzed: 07/09/25

Diesel Range Organics (C10-C28)	230	25.0	250	ND	92.0	56-156			
Surrogate: n-Nonane	36.2		50.0		72.3	61-141			

Matrix Spike Dup (2528073-MSD1)

Source: E507047-12

Prepared: 07/08/25 Analyzed: 07/09/25

Diesel Range Organics (C10-C28)	231	25.0	250	ND	92.3	56-156	0.348	20	
Surrogate: n-Nonane	37.3		50.0		74.5	61-141			



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/14/2025 1:26:09PM
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Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2528090-BLK1)

Prepared: 07/08/25 Analyzed: 07/10/25

Chloride ND 20.0

LCS (2528090-BS1)

Prepared: 07/08/25 Analyzed: 07/10/25

Chloride 258 20.0 250 103 90-110

Matrix Spike (2528090-MS1)

Source: E507047-05

Prepared: 07/08/25 Analyzed: 07/10/25

Chloride 267 20.0 250 ND 107 80-120

Matrix Spike Dup (2528090-MSD1)

Source: E507047-05

Prepared: 07/08/25 Analyzed: 07/10/25

Chloride 267 20.0 250 ND 107 80-120 0.0879 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.



Definitions and Notes

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	
5315 Buena Vista Dr	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Anna Byers	07/14/25 13:26

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				Invoice Information				Lab Use Only				TAT				State			
Client: WPX Energy Permian, LLC.				Company: WPX Energy Permian, LLC.				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project: Ram Ewe Federal #003				Address: 5315 Buena Vista Dr.				E507047		0105X-007						x			
Project Manager: Anna Byers				City, State, Zip: Carlsbad, NM, 88220															
Address: 13000 W County Rd 100				Phone: 575-885-7502															
City, State, Zip: Odessa, TX, 79765				Email: jim.raley@dvn.com															
Phone: 432-305-6415				Miscellaneous: CC:1094698801 - NM LEGACY ABANDONED															
Email: NMTXGeoGroup@etechenv.com				LOC ; PN: 21975; IN: nMLB0704337034															

Sample Information							Analysis and Method										EPA Program		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
10:40	7/2/2025	S	1	BH03	0.5'	1								X					
10:45	7/2/2025	S	1	BH03	1'	2								X					
10:50	7/2/2025	S	1	BH03	2'	3								X					
10:55	7/2/2025	S	1	BH03	3'	4								X					
11:00	7/2/2025	S	1	BH03	4'	5								X					
11:35	7/2/2025	S	1	BH04	0.5'	6								X					
11:40	7/2/2025	S	1	BH04	1'	7								X					
11:45	7/2/2025	S	1	BH04	2'	8								X					
13:00	7/2/2025	S	1	BH05	0.5'	9								X					
13:05	7/2/2025	S	1	BH05	1'	10								X					

Additional Instructions:

I, (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.

Sampled by: Haleigh Blume

Relinquished by: (Signature) <u>Haleigh Blume</u>	Date <u>7/2/25</u>	Time <u>1230</u>	Received by: (Signature) <u>Michelle Gonzales</u>	Date <u>7-3-25</u>	Time <u>1230</u>	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.
Relinquished by: (Signature) <u>Michelle Gonzales</u>	Date <u>7-7-25</u>	Time <u>1500</u>	Received by: (Signature) <u>Richard Gonzales</u>	Date <u>7-7-25</u>	Time <u>1500</u>	
Relinquished by: (Signature) <u>Richard Gonzales</u>	Date <u>7-7-25</u>	Time <u>2330</u>	Received by: (Signature) <u>Caitlynn</u>	Date <u>7-8-25</u>	Time <u>800</u>	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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.

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: WPX Energy Permian, LLC.				Company: WPX Energy Permian, LLC.				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project: Ram Ewe Federal #003				Address: 5315 Buena Vista Dr.				E507047		0158-0007					x	x			
Project Manager: Anna Byers				City, State, Zip: Carlsbad, NM, 88220															
Address: 13000 W County Rd 100				Phone: 575-885-7502															
City, State, Zip: Odessa, TX, 79765				Email: jim.raley@dv.com															
Phone: 432-305-6415				Miscellaneous: CC:1094698801 - NM LEGACY ABANDONED															
Email: NMTXGeoGroup@etechnv.com				LOC ; PN: 21975; IN: nMLB0704337034															
Sample Information										Analysis and Method						EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCCQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
13:10	7/2/2025	S	1	BH05	2'	11								x					
13:15	7/2/2025	S	1	BH05	3'	12								x					
13:20	7/2/2025	S	1	BH05	4'	13								x					
14:00	7/2/2025	S	1	BH06	0.5'	14								x					
14:05	7/2/2025	S	1	BH06	1'	15								x					
14:10	7/2/2025	S	1	BH06	2'	16								x					
Additional Instructions:																			
I, (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.																			
Sampled by: Haleigh Blume																			
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N													
<i>Haleigh Blume</i>	7-7-25	1230	<i>Michelle Gonzales</i>	7-3-25	1230														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
<i>Michelle Gonzales</i>	7-7-25	1500	<i>Richard Gonzalez</i>	7-7-25	1500														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
<i>Richard Gonzalez</i>	7-7-25	2330	<i>Caitlynn</i>	7-8-25	800														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																			
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
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.																			

Envirotech Analytical Laboratory

Printed: 7/8/2025 11:05:52AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	WPX Energy - Carlsbad	Date Received:	07/08/25 08:00	Work Order ID:	E507047
Phone:	(575) 200-6754	Date Logged In:	07/07/25 11:26	Logged In By:	Caitlin Mars
Email:	anna@etechnv.com	Due Date:	07/11/25 17:00 (3 day TAT)		

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
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Courier

Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this discussion.

Sample Turn Around Time (TAT)

- 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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

Sample Container

- 14. Are aqueous VOC samples present? No
- 15. Are VOC samples collected in VOA Vials? NA
- 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

- 20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

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 filtration 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

Comments/Resolution

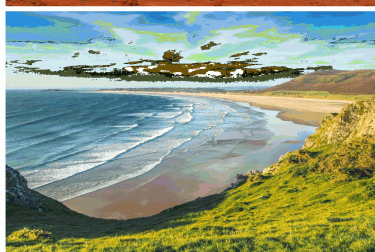
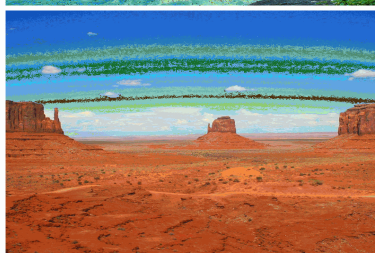
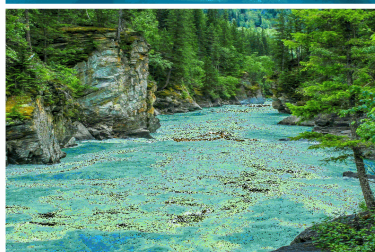
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

WPX Energy - Carlsbad

Project Name: Ram Ewe Federal #003

Work Order: E509197

Job Number: 01058-0007

Received: 9/19/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/25/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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: 9/25/25



Anna Byers
5315 Buena Vista Dr
Carlsbad, NM 88220

Project Name: Ram Ewe Federal #003
Workorder: E509197
Date Received: 9/19/2025 7:45:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/19/2025 7:45:00AM, under the Project Name: Ram Ewe Federal #003.

The analytical test results summarized in this report with the Project Name: Ram Ewe Federal #003 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 regarding 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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@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

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 09/25/25 06:28
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH07 0.5'	E509197-01A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH08 0.5'	E509197-02A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH09 0.5'	E509197-03A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH10 0.5'	E509197-04A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH11 0.5'	E509197-05A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH12 0.5'	E509197-06A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH13 0.5'	E509197-07A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/25/2025 6:28:55AM
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BH07 0.5'
E509197-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538112
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		111 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538112
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.2 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2539024
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/25	09/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/25	09/22/25	
<i>Surrogate: n-Nonane</i>						
		96.5 %	61-141	09/22/25	09/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538139
Chloride	ND	20.0	1	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/25/2025 6:28:55AM
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BH08 0.5'

E509197-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538112
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		112 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538112
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.5 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2539024
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/25	09/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/25	09/22/25	
<i>Surrogate: n-Nonane</i>						
		93.9 %	61-141	09/22/25	09/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538139
Chloride	47.6	20.0	1	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/25/2025 6:28:55AM
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BH09 0.5'

E509197-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538112
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		111 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538112
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.6 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2539024
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/25	09/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/25	09/22/25	
<i>Surrogate: n-Nonane</i>						
		97.1 %	61-141	09/22/25	09/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538139
Chloride	ND	20.0	1	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/25/2025 6:28:55AM
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BH10 0.5'

E509197-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: RKS		Batch: 2538112
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		110 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: RKS		Batch: 2538112
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.9 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: KH		Batch: 2539024
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/25	09/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/25	09/22/25	
<i>Surrogate: n-Nonane</i>		96.1 %	61-141	09/22/25	09/22/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: IY		Batch: 2538139
Chloride	53.1	20.0	1	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/25/2025 6:28:55AM
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BH11 0.5'

E509197-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538112
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		110 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538112
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.1 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2539024
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/25	09/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/25	09/22/25	
<i>Surrogate: n-Nonane</i>						
		103 %	61-141	09/22/25	09/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538139
Chloride	ND	20.0	1	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/25/2025 6:28:55AM
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BH12 0.5'

E509197-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538112
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		110 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538112
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.7 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2539024
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/25	09/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/25	09/22/25	
<i>Surrogate: n-Nonane</i>						
		97.6 %	61-141	09/22/25	09/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538139
Chloride	ND	20.0	1	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/25/2025 6:28:55AM
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BH13 0.5'

E509197-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538112
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		111 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538112
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.3 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2539024
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/25	09/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/25	09/22/25	
<i>Surrogate: n-Nonane</i>						
		98.9 %	61-141	09/22/25	09/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538139
Chloride	45.8	20.0	1	09/19/25	09/20/25	



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/25/2025 6:28:55AM
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Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2538112-BLK1)

Prepared: 09/19/25 Analyzed: 09/19/25

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	9.18		8.00		115	70-130			

LCS (2538112-BS1)

Prepared: 09/19/25 Analyzed: 09/19/25

Benzene	4.62	0.0250	5.00		92.4	70-130			
Ethylbenzene	4.65	0.0250	5.00		92.9	70-130			
Toluene	4.60	0.0250	5.00		92.0	70-130			
o-Xylene	4.69	0.0250	5.00		93.8	70-130			
p,m-Xylene	9.43	0.0500	10.0		94.3	70-130			
Total Xylenes	14.1	0.0250	15.0		94.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.96		8.00		112	70-130			

Matrix Spike (2538112-MS1)

Source: E509196-01

Prepared: 09/19/25 Analyzed: 09/19/25

Benzene	5.08	0.0250	5.00	ND	102	70-130			
Ethylbenzene	5.10	0.0250	5.00	ND	102	70-130			
Toluene	5.05	0.0250	5.00	ND	101	70-130			
o-Xylene	5.15	0.0250	5.00	ND	103	70-130			
p,m-Xylene	10.4	0.0500	10.0	ND	104	70-130			
Total Xylenes	15.5	0.0250	15.0	ND	103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.83		8.00		110	70-130			

Matrix Spike Dup (2538112-MSD1)

Source: E509196-01

Prepared: 09/19/25 Analyzed: 09/19/25

Benzene	4.93	0.0250	5.00	ND	98.7	70-130	2.86	27	
Ethylbenzene	4.98	0.0250	5.00	ND	99.6	70-130	2.42	26	
Toluene	4.92	0.0250	5.00	ND	98.4	70-130	2.63	20	
o-Xylene	5.03	0.0250	5.00	ND	101	70-130	2.33	25	
p,m-Xylene	10.1	0.0500	10.0	ND	101	70-130	2.43	23	
Total Xylenes	15.1	0.0250	15.0	ND	101	70-130	2.40	26	
Surrogate: 4-Bromochlorobenzene-PID	8.82		8.00		110	70-130			



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/25/2025 6:28:55AM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2538112-BLK1)

Prepared: 09/19/25 Analyzed: 09/19/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.46		8.00		93.2	70-130			

LCS (2538112-BS2)

Prepared: 09/19/25 Analyzed: 09/19/25

Gasoline Range Organics (C6-C10)	57.9	20.0	50.0		116	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.57		8.00		94.7	70-130			

Matrix Spike (2538112-MS2)

Source: E509196-01

Prepared: 09/19/25 Analyzed: 09/19/25

Gasoline Range Organics (C6-C10)	57.6	20.0	50.0	ND	115	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.52		8.00		94.0	70-130			

Matrix Spike Dup (2538112-MSD2)

Source: E509196-01

Prepared: 09/19/25 Analyzed: 09/19/25

Gasoline Range Organics (C6-C10)	56.4	20.0	50.0	ND	113	70-130	2.11	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		8.00		94.1	70-130			



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/25/2025 6:28:55AM
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Nonhalogenated Organics by EPA 8015D - DRO/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
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Blank (2539024-BLK1)

Prepared: 09/22/25 Analyzed: 09/22/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.7		50.0		93.3	61-141			

LCS (2539024-BS1)

Prepared: 09/22/25 Analyzed: 09/22/25

Diesel Range Organics (C10-C28)	237	25.0	250		94.9	66-144			
Surrogate: n-Nonane	45.8		50.0		91.7	61-141			

Matrix Spike (2539024-MS1)

Source: E509197-03

Prepared: 09/22/25 Analyzed: 09/22/25

Diesel Range Organics (C10-C28)	246	25.0	250	ND	98.4	56-156			
Surrogate: n-Nonane	47.0		50.0		94.0	61-141			

Matrix Spike Dup (2539024-MSD1)

Source: E509197-03

Prepared: 09/22/25 Analyzed: 09/22/25

Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	56-156	4.54	20	
Surrogate: n-Nonane	49.0		50.0		98.0	61-141			



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/25/2025 6:28:55AM
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Anions by EPA 300.0/9056A

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
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Blank (2538139-BLK1)

Prepared: 09/19/25 Analyzed: 09/19/25

Chloride ND 20.0

LCS (2538139-BS1)

Prepared: 09/19/25 Analyzed: 09/19/25

Chloride 253 20.0 250 101 90-110

Matrix Spike (2538139-MS1)

Source: E509197-04

Prepared: 09/19/25 Analyzed: 09/20/25

Chloride 295 20.0 250 53.1 96.8 80-120

Matrix Spike Dup (2538139-MSD1)

Source: E509197-04

Prepared: 09/19/25 Analyzed: 09/20/25

Chloride 297 20.0 250 53.1 97.4 80-120 0.535 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.



Definitions and Notes

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	
5315 Buena Vista Dr	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Anna Byers	09/25/25 06:28

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				TAT				State			
Client: WPX Energy Permian, LLC				Company: Devon Energy Production Co.				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Ram Ewe Federal #003				Address: 5315 Buena Vista Dr.				E509197		0058-007					x	x			
Project Manager: Anna Byers				City, State, Zip: Carlsbad, NM, 88220															
Address: 13000 W County Rd 100				Phone: 575-885-7502															
City, State, Zip: Odessa, TX, 79765				Email: jim.raley@dvn.com															
Phone: 432-305-6415				Miscellaneous: PN:21975															
Email: NMTXGeoGroup@etechnv.com				IN: nMLB0704337034 CC:1094698801															
Sample Information										Analysis and Method						EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	PCRA 8 Metals	EGDOC - NM	EGDOC - TX	SDWA	CWA	RCRA	
																Compliance	Y	or	N
																PWSID #			
																Sample Temp			Remarks
14:59	9/17/25	Soil	1	BH07	0.5'	1								X		2.0			
15:05			1	BH08	0.5'	2								X		1.1			
15:09			1	BH09	0.5'	3								X		1.0			
15:14			1	BH10	0.5'	4								X		2.2			
15:19			1	BH11	0.5'	5								X		2.0			
15:23			1	BH12	0.5'	6								X		2.4			
13:38			1	BH13	0.5'	7								X		2.1			
														X					
														X					
														X					
														X					
Additional Instructions:																			
I, (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.																			
Sampled by: <u>CF</u>																			
Relinquished by: (Signature) <u>[Signature]</u>				Date <u>9/18/25</u>		Time <u>1100</u>		Received by: (Signature) <u>Michelle Gonzales</u>				Date <u>9-18-25</u>		Time <u>1100</u>		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.			
Relinquished by: (Signature) <u>Michelle Gonzales</u>				Date <u>9-18-25</u>		Time <u>1500</u>		Received by: (Signature) <u>Michelle Gonzales</u>				Date <u>9-18-25</u>		Time <u>1500</u>					
Relinquished by: (Signature) <u>Marissa Gonzales</u>				Date <u>9-18-25</u>		Time <u>1905</u>		Received by: (Signature) <u>Andrew Musso</u>				Date <u>9-18-25</u>		Time <u>1905</u>					
Relinquished by: (Signature) <u>Andrew Musso</u>				Date <u>9-18-25</u>		Time <u>2400</u>		Received by: (Signature) <u>Caitlynn</u>				Date <u>9-19-25</u>		Time <u>745</u>					
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time		Lab Use Only			
																Received on ice: <u>Y/N</u>			
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA									
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.																			

Envirotech Analytical Laboratory

Printed: 9/19/2025 12:44:03PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client: WPX Energy - Carlsbad Date Received: 09/19/25 07:45 Work Order ID: E509197
Phone: (575) 200-6754 Date Logged In: 09/18/25 16:16 Logged In By: Caitlin Mars
Email: anna@etechnv.com Due Date: 09/25/25 17:00 (4 day TAT)

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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Carrier: Courier

Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this discussion.

Sample Turn Around Time (TAT)

- 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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

Sample Container

- 14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
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

- 20. Were field sample labels filled out with the minimum information:
Sample ID? Yes
Date/Time Collected? Yes
Collectors name? Yes

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 filtration 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

Empty box for client instruction.

Comments/Resolution

Large empty box for comments/resolution.

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

Date



envirotech Inc.

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

WPX Energy - Carlsbad

Project Name: Ram Ewe Federal #003

Work Order: E509198

Job Number: 01058-0007

Received: 9/19/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/24/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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: 9/24/25

Anna Byers
5315 Buena Vista Dr
Carlsbad, NM 88220

Project Name: Ram Ewe Federal #003
Workorder: E509198
Date Received: 9/19/2025 7:45:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/19/2025 7:45:00AM, under the Project Name: Ram Ewe Federal #003.

The analytical test results summarized in this report with the Project Name: Ram Ewe Federal #003 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 regarding 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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@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

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
09/24/25 15:35

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH04 3'	E509198-01A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH04 4'	E509198-02A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH06 3'	E509198-03A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH06 4'	E509198-04A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH07 1'	E509198-05A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH07 2'	E509198-06A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH07 3'	E509198-07A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH07 4'	E509198-08A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH08 1'	E509198-09A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH08 2'	E509198-10A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH08 3'	E509198-11A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH08 4'	E509198-12A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH09 1'	E509198-13A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH09 2'	E509198-14A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH09 3'	E509198-15A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH09 4'	E509198-16A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/24/2025 3:35:44PM
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BH04 3'
E509198-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538113
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		95.5 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538113
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		104 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2538111
Diesel Range Organics (C10-C28)	37.3	25.0	1	09/19/25	09/22/25	
Oil Range Organics (C28-C36)	58.4	50.0	1	09/19/25	09/22/25	
<i>Surrogate: n-Nonane</i>						
		101 %	61-141	09/19/25	09/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2538125
Chloride	1860	40.0	2	09/19/25	09/19/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/24/2025 3:35:44PM
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BH04 4'

E509198-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: IY		Batch: 2538113
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.9 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2538113
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		105 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: NV		Batch: 2538111
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	09/19/25	09/20/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: DT		Batch: 2538125
Chloride	406	200	10	09/19/25	09/19/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/24/2025 3:35:44PM
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BH06 3'

E509198-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538113
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		96.8 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538113
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		106 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2538111
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>						
		101 %	61-141	09/19/25	09/20/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2538125
Chloride	1490	20.0	1	09/19/25	09/19/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/24/2025 3:35:44PM
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BH06 4'

E509198-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: IY		Batch: 2538113
Benzene	ND	0.0250	1	09/19/25	09/19/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/19/25	
Toluene	ND	0.0250	1	09/19/25	09/19/25	
o-Xylene	ND	0.0250	1	09/19/25	09/19/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/19/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/19/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.4 %	70-130	09/19/25	09/19/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2538113
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/19/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		103 %	70-130	09/19/25	09/19/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: NV		Batch: 2538111
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>		100 %	61-141	09/19/25	09/20/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: DT		Batch: 2538125
Chloride	870	200	10	09/19/25	09/19/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/24/2025 3:35:44PM
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BH07 1'

E509198-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: IY		Batch: 2538113
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.6 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2538113
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		104 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: NV		Batch: 2538111
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	09/19/25	09/20/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: DT		Batch: 2538125
Chloride	ND	20.0	1	09/19/25	09/19/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/24/2025 3:35:44PM
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BH07 2'

E509198-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538113
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		96.7 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538113
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		105 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2538111
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>						
		103 %	61-141	09/19/25	09/20/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2538125
Chloride	ND	20.0	1	09/19/25	09/19/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/24/2025 3:35:44PM
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BH07 3'

E509198-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: IY		Batch: 2538113
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.9 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2538113
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		104 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: NV		Batch: 2538111
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	09/19/25	09/20/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: DT		Batch: 2538125
Chloride	24.8	20.0	1	09/19/25	09/19/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/24/2025 3:35:44PM
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BH07 4'

E509198-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: IY		Batch: 2538113
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.2 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2538113
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		104 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: NV		Batch: 2538111
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>		109 %	61-141	09/19/25	09/20/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: DT		Batch: 2538125
Chloride	51.9	20.0	1	09/19/25	09/19/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/24/2025 3:35:44PM
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BH08 1'

E509198-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2538113
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.9 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2538113
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		105 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2538111
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>		105 %	61-141	09/19/25	09/20/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2538125
Chloride	ND	20.0	1	09/19/25	09/19/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/24/2025 3:35:44PM
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BH08 2'
E509198-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: IY		Batch: 2538113
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.5 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2538113
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		105 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: NV		Batch: 2538111
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	09/19/25	09/20/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: DT		Batch: 2538125
Chloride	ND	20.0	1	09/19/25	09/19/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/24/2025 3:35:44PM
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BH08 3'

E509198-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538113
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		96.7 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538113
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		103 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2538111
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>						
		102 %	61-141	09/19/25	09/20/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2538125
Chloride	ND	20.0	1	09/19/25	09/19/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/24/2025 3:35:44PM
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BH08 4'

E509198-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2538113
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.7 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2538113
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		104 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2538111
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>		104 %	61-141	09/19/25	09/20/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2538125
Chloride	95.9	20.0	1	09/19/25	09/19/25	

Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/24/2025 3:35:44PM
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BH09 1'

E509198-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: IY		Batch: 2538113
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.1 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2538113
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		105 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: NV		Batch: 2538111
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	09/19/25	09/20/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: DT		Batch: 2538125
Chloride	ND	20.0	1	09/19/25	09/19/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/24/2025 3:35:44PM
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BH09 2'

E509198-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538113
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		97.5 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538113
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		104 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2538111
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>						
		106 %	61-141	09/19/25	09/20/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2538125
Chloride	ND	20.0	1	09/19/25	09/20/25	

Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/24/2025 3:35:44PM
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BH09 3'

E509198-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2538113
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2538113
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		103 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2538111
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>		106 %	61-141	09/19/25	09/20/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2538125
Chloride	ND	20.0	1	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/24/2025 3:35:44PM
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BH09 4'

E509198-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: IY		Batch: 2538113
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.3 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2538113
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		103 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: NV		Batch: 2538111
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	09/19/25	09/20/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: DT		Batch: 2538125
Chloride	667	20.0	1	09/19/25	09/20/25	



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/24/2025 3:35:44PM
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Volatile Organics by EPA 8021B

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
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Blank (2538113-BLK1)

Prepared: 09/19/25 Analyzed: 09/19/25

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	7.67		8.00		95.9	70-130			

LCS (2538113-BS1)

Prepared: 09/19/25 Analyzed: 09/19/25

Benzene	4.20	0.0250	5.00		84.0	70-130			
Ethylbenzene	4.44	0.0250	5.00		88.8	70-130			
Toluene	4.39	0.0250	5.00		87.9	70-130			
o-Xylene	4.51	0.0250	5.00		90.3	70-130			
p,m-Xylene	9.04	0.0500	10.0		90.4	70-130			
Total Xylenes	13.6	0.0250	15.0		90.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.80		8.00		97.6	70-130			

Matrix Spike (2538113-MS1)

Source: E509198-04

Prepared: 09/19/25 Analyzed: 09/19/25

Benzene	4.68	0.0250	5.00	ND	93.7	70-130			
Ethylbenzene	4.94	0.0250	5.00	ND	98.7	70-130			
Toluene	4.89	0.0250	5.00	ND	97.7	70-130			
o-Xylene	4.97	0.0250	5.00	ND	99.4	70-130			
p,m-Xylene	10.0	0.0500	10.0	ND	100	70-130			
Total Xylenes	15.0	0.0250	15.0	ND	100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.74		8.00		96.7	70-130			

Matrix Spike Dup (2538113-MSD1)

Source: E509198-04

Prepared: 09/19/25 Analyzed: 09/19/25

Benzene	4.83	0.0250	5.00	ND	96.6	70-130	3.09	27	
Ethylbenzene	5.09	0.0250	5.00	ND	102	70-130	3.17	26	
Toluene	5.04	0.0250	5.00	ND	101	70-130	3.13	20	
o-Xylene	5.13	0.0250	5.00	ND	103	70-130	3.16	25	
p,m-Xylene	10.3	0.0500	10.0	ND	103	70-130	3.15	23	
Total Xylenes	15.5	0.0250	15.0	ND	103	70-130	3.16	26	
Surrogate: 4-Bromochlorobenzene-PID	7.71		8.00		96.4	70-130			



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/24/2025 3:35:44PM
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Nonhalogenated Organics by EPA 8015D - GRO

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
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Blank (2538113-BLK1)

Prepared: 09/19/25 Analyzed: 09/19/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.43		8.00		105	70-130			

LCS (2538113-BS2)

Prepared: 09/19/25 Analyzed: 09/19/25

Gasoline Range Organics (C6-C10)	50.8	20.0	50.0		102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.54		8.00		107	70-130			

Matrix Spike (2538113-MS2)

Source: E509198-04

Prepared: 09/19/25 Analyzed: 09/20/25

Gasoline Range Organics (C6-C10)	46.9	20.0	50.0	ND	93.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.38		8.00		105	70-130			

Matrix Spike Dup (2538113-MSD2)

Source: E509198-04

Prepared: 09/19/25 Analyzed: 09/20/25

Gasoline Range Organics (C6-C10)	56.8	20.0	50.0	ND	114	70-130	19.0	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.42		8.00		105	70-130			



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/24/2025 3:35:44PM
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Nonhalogenated Organics by 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
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Blank (2538111-BLK1)

Prepared: 09/19/25 Analyzed: 09/19/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	59.2		50.0		118	61-141			

LCS (2538111-BS1)

Prepared: 09/19/25 Analyzed: 09/19/25

Diesel Range Organics (C10-C28)	263	25.0	250		105	66-144			
Surrogate: n-Nonane	50.2		50.0		100	61-141			

Matrix Spike (2538111-MS1)

Source: E509198-15

Prepared: 09/19/25 Analyzed: 09/19/25

Diesel Range Organics (C10-C28)	269	25.0	250	ND	108	56-156			
Surrogate: n-Nonane	50.6		50.0		101	61-141			

Matrix Spike Dup (2538111-MSD1)

Source: E509198-15

Prepared: 09/19/25 Analyzed: 09/19/25

Diesel Range Organics (C10-C28)	284	25.0	250	ND	114	56-156	5.52	20	
Surrogate: n-Nonane	53.0		50.0		106	61-141			



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/24/2025 3:35:44PM
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Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2538125-BLK1)

Prepared: 09/19/25 Analyzed: 09/19/25

Chloride ND 20.0

LCS (2538125-BS1)

Prepared: 09/19/25 Analyzed: 09/19/25

Chloride 257 20.0 250 103 90-110

Matrix Spike (2538125-MS1)

Source: E509198-04

Prepared: 09/19/25 Analyzed: 09/19/25

Chloride 1400 200 250 870 212 80-120 M4

Matrix Spike Dup (2538125-MSD1)

Source: E509198-04

Prepared: 09/19/25 Analyzed: 09/19/25

Chloride 1170 200 250 870 119 80-120 18.2 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.



Definitions and Notes

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	
5315 Buena Vista Dr	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Anna Byers	09/24/25 15:35

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.





Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: WPX Energy Permian, LLC. Project Name: Ram Ewe Federal #003 Project Manager: Anna Byers Address: 13000 W County Rd 100 City, State, Zip: Odessa, TX, 79765 Phone: 432-305-6415 Email: NMTXGeoGroup@etechnv.com				Company: Devon Energy Production Co. Address: 5315 Buena Vista Dr. City, State, Zip: Carlsbad, NM, 88220 Phone: 575-885-7502 Email: jim.raley@dvn.com Miscellaneous: PN:21975 IN: nMLB0704337034 CC:1094698801				Lab WO# E509198 Job Number 21058-0007				1D 2D 3D Std x				NM CO UT TX x			
Analysis and Method												EPA Program							
DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BIGDOC - NM	BIGDOC - TX	SDWA	CWA	RCRA	Compliance	Y	or	N	PWSID #	Sample Temp	Remarks	
							X										3.2		
							X										2.0		
							X										2.6		
							X										3.0		
							X										3.0		
							X										2.4		
							X										1.8		
							X										2.6		
							X										3.1		
							X										2.4		
Additional Instructions:																			
I, (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.																			
Sampled by: <i>CF</i>																			
Relinquished by: (Signature) <i>CF</i>				Date 9/18/25		Time 1100		Received by: (Signature) <i>Michelle Gonzales</i>				Date 9-18-25		Time 1100		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: <i>(C)N</i>			
Relinquished by: (Signature) <i>Michelle Gonzales</i>				Date 9-18-25		Time 1500		Received by: (Signature) <i>Marissa Gonz</i>				Date 9-18-25		Time 1500					
Relinquished by: (Signature) <i>Marissa Gonzales</i>				Date 9-18-25		Time 1905		Received by: (Signature) <i>Andrew Musso</i>				Date 9-18-25		Time 1905					
Relinquished by: (Signature) <i>Andrew Musso</i>				Date 9-18-25		Time 2400		Received by: (Signature) <i>Caitlynn</i>				Date 9-19-25		Time 745					
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																			
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
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.																			



Client Information				Invoice Information				Lab Use Only				TAT				State											
Client: WPX Energy Permian, LLC. Project Name: Ram Ewe Federal #003 Project Manager: Anna Byers Address: 13000 W County Rd 100 City, State, Zip: Odessa, TX, 79765 Phone: 432-305-6415 Email: NMTXGeoGroup@etechnv.com				Company: Devon Energy Production Co. Address: 5315 Buena Vista Dr. City, State, Zip: Carlsbad, NM, 88220 Phone: 575-885-7502 Email: iim.raley@dvn.com Miscellaneous: PN:21975 IN: nMLB0704337034 CC:1094698801				Lab WO# E509198 Job Number 01058-0007				1D 2D 3D Std x				NM CO UT TX x											
Sample Information												Analysis and Method				EPA Program											
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	Compliance	Y	or	N	PWSID #	Sample Temp	Remarks		
12:30	9/17/25	Soil	1	BH08	3'	11								X										2.2			
12:32			1	BH08	4'	12								X										1.4			
13:06			1	BH09	1'	13								X										1.6			
13:08			1	BH09	2'	14								X										2.0			
13:10			1	BH09	3'	15								X										1.8			
13:12			1	BH09	4'	16								X										2.1			
Additional Instructions:																											
I, (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.																											
Sampled by: <i>CI</i>																											
Relinquished by: (Signature) <i>CI</i>				Date 9/18/25				Time 1100				Received by: (Signature) <i>Michelle Gonzalez</i>				Date 9-18-25				Time 1100				Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: Y N			
Relinquished by: (Signature) <i>Michelle Gonzalez</i>				Date 9-18-25				Time 1500				Received by: (Signature) <i>Marissa Gonzalez</i>				Date 9-18-25				Time 1500							
Relinquished by: (Signature) <i>Marissa Gonzalez</i>				Date 9-18-25				Time 1905				Received by: (Signature) <i>Andrew Musso</i>				Date 9-18-25				Time 1905							
Relinquished by: (Signature) <i>Andrew Musso</i>				Date 9-18-25				Time 2400				Received by: (Signature) <i>Caitlin Mann</i>				Date 9-19-25				Time 745							
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																											
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																											
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.																											

Envirotech Analytical Laboratory

Printed: 9/19/2025 12:45:09PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	WPX Energy - Carlsbad	Date Received:	09/19/25 07:45	Work Order ID:	E509198
Phone:	(575) 200-6754	Date Logged In:	09/18/25 16:20	Logged In By:	Caitlin Mars
Email:	anna@etechnv.com	Due Date:	09/25/25 17:00 (4 day TAT)		

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
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Courier

Note: Analysis, such as pH which should be conducted in the field, i.e. 15 minute hold time, are not included in this discussion.

Sample Turn Around Time (TAT)

- 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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

Sample Container

- 14. Are aqueous VOC samples present? No
- 15. Are VOC samples collected in VOA Vials? NA
- 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

- 20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

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 filtration 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

Comments/Resolution

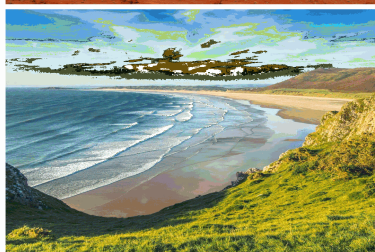
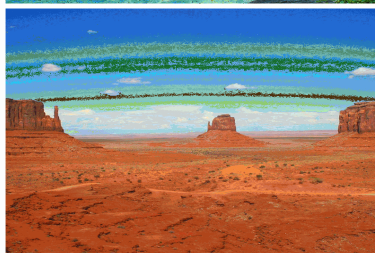
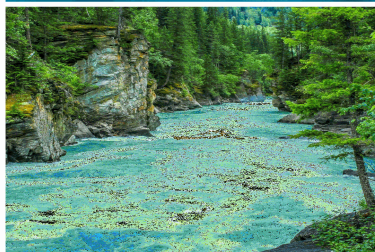
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

WPX Energy - Carlsbad

Project Name: Ram Ewe Federal #003

Work Order: E509196

Job Number: 01058-0007

Received: 9/19/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/25/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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: 9/25/25



Anna Byers
5315 Buena Vista Dr
Carlsbad, NM 88220

Project Name: Ram Ewe Federal #003
Workorder: E509196
Date Received: 9/19/2025 7:45:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/19/2025 7:45:00AM, under the Project Name: Ram Ewe Federal #003.

The analytical test results summarized in this report with the Project Name: Ram Ewe Federal #003 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 regarding 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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@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

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 09/25/25 06:34
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH06 5'	E509196-01A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH09 5'	E509196-02A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH04 5'	E509196-03A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/25/2025 6:34:37AM
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BH06 5'
E509196-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538112
Benzene	ND	0.0250	1	09/19/25	09/19/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/19/25	
Toluene	ND	0.0250	1	09/19/25	09/19/25	
o-Xylene	ND	0.0250	1	09/19/25	09/19/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/19/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/19/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		112 %	70-130	09/19/25	09/19/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538112
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/19/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.7 %	70-130	09/19/25	09/19/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2538109
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>						
		103 %	61-141	09/19/25	09/20/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2538123
Chloride	329	200	10	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/25/2025 6:34:37AM
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BH09 5'

E509196-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538112
Benzene	ND	0.0250	1	09/19/25	09/19/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/19/25	
Toluene	ND	0.0250	1	09/19/25	09/19/25	
o-Xylene	ND	0.0250	1	09/19/25	09/19/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/19/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/19/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		109 %	70-130	09/19/25	09/19/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538112
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/19/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.2 %	70-130	09/19/25	09/19/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2538109
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>						
		113 %	61-141	09/19/25	09/20/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2538123
Chloride	ND	200	10	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/25/2025 6:34:37AM
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BH04 5'

E509196-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538112
Benzene	ND	0.0250	1	09/19/25	09/19/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/19/25	
Toluene	ND	0.0250	1	09/19/25	09/19/25	
o-Xylene	ND	0.0250	1	09/19/25	09/19/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/19/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/19/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		111 %	70-130	09/19/25	09/19/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538112
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/19/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.5 %	70-130	09/19/25	09/19/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2538109
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>						
		101 %	61-141	09/19/25	09/20/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2538123
Chloride	ND	200	10	09/19/25	09/20/25	



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/25/2025 6:34:37AM
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Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2538112-BLK1)

Prepared: 09/19/25 Analyzed: 09/19/25

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	9.18		8.00		115	70-130			

LCS (2538112-BS1)

Prepared: 09/19/25 Analyzed: 09/19/25

Benzene	4.62	0.0250	5.00		92.4	70-130			
Ethylbenzene	4.65	0.0250	5.00		92.9	70-130			
Toluene	4.60	0.0250	5.00		92.0	70-130			
o-Xylene	4.69	0.0250	5.00		93.8	70-130			
p,m-Xylene	9.43	0.0500	10.0		94.3	70-130			
Total Xylenes	14.1	0.0250	15.0		94.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.96		8.00		112	70-130			

Matrix Spike (2538112-MS1)

Source: E509196-01

Prepared: 09/19/25 Analyzed: 09/19/25

Benzene	5.08	0.0250	5.00	ND	102	70-130			
Ethylbenzene	5.10	0.0250	5.00	ND	102	70-130			
Toluene	5.05	0.0250	5.00	ND	101	70-130			
o-Xylene	5.15	0.0250	5.00	ND	103	70-130			
p,m-Xylene	10.4	0.0500	10.0	ND	104	70-130			
Total Xylenes	15.5	0.0250	15.0	ND	103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.83		8.00		110	70-130			

Matrix Spike Dup (2538112-MSD1)

Source: E509196-01

Prepared: 09/19/25 Analyzed: 09/19/25

Benzene	4.93	0.0250	5.00	ND	98.7	70-130	2.86	27	
Ethylbenzene	4.98	0.0250	5.00	ND	99.6	70-130	2.42	26	
Toluene	4.92	0.0250	5.00	ND	98.4	70-130	2.63	20	
o-Xylene	5.03	0.0250	5.00	ND	101	70-130	2.33	25	
p,m-Xylene	10.1	0.0500	10.0	ND	101	70-130	2.43	23	
Total Xylenes	15.1	0.0250	15.0	ND	101	70-130	2.40	26	
Surrogate: 4-Bromochlorobenzene-PID	8.82		8.00		110	70-130			



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/25/2025 6:34:37AM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2538112-BLK1)

Prepared: 09/19/25 Analyzed: 09/19/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.46		8.00		93.2	70-130			

LCS (2538112-BS2)

Prepared: 09/19/25 Analyzed: 09/19/25

Gasoline Range Organics (C6-C10)	57.9	20.0	50.0		116	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.57		8.00		94.7	70-130			

Matrix Spike (2538112-MS2)

Source: E509196-01

Prepared: 09/19/25 Analyzed: 09/19/25

Gasoline Range Organics (C6-C10)	57.6	20.0	50.0	ND	115	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.52		8.00		94.0	70-130			

Matrix Spike Dup (2538112-MSD2)

Source: E509196-01

Prepared: 09/19/25 Analyzed: 09/19/25

Gasoline Range Organics (C6-C10)	56.4	20.0	50.0	ND	113	70-130	2.11	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		8.00		94.1	70-130			



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/25/2025 6:34:37AM
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Nonhalogenated Organics by 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
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Blank (2538109-BLK1)

Prepared: 09/19/25 Analyzed: 09/19/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	49.6		50.0		99.2	61-141			

LCS (2538109-BS1)

Prepared: 09/19/25 Analyzed: 09/19/25

Diesel Range Organics (C10-C28)	257	25.0	250		103	66-144			
Surrogate: <i>n</i> -Nonane	49.9		50.0		99.8	61-141			

Matrix Spike (2538109-MS1)

Source: E509194-04

Prepared: 09/19/25 Analyzed: 09/19/25

Diesel Range Organics (C10-C28)	269	25.0	250	ND	108	56-156			
Surrogate: <i>n</i> -Nonane	51.7		50.0		103	61-141			

Matrix Spike Dup (2538109-MSD1)

Source: E509194-04

Prepared: 09/19/25 Analyzed: 09/19/25

Diesel Range Organics (C10-C28)	271	25.0	250	ND	108	56-156	0.700	20	
Surrogate: <i>n</i> -Nonane	51.6		50.0		103	61-141			



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported: 9/25/2025 6:34:37AM
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	

Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2538123-BLK1)

Prepared: 09/19/25 Analyzed: 09/20/25

Chloride	ND	20.0							
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LCS (2538123-BS1)

Prepared: 09/19/25 Analyzed: 09/20/25

Chloride	252	20.0	250		101	90-110			
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Matrix Spike (2538123-MS1)

Source: E509193-03

Prepared: 09/19/25 Analyzed: 09/20/25

Chloride	238	200	250	ND	95.1	80-120			
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Matrix Spike Dup (2538123-MSD1)

Source: E509193-03

Prepared: 09/19/25 Analyzed: 09/20/25

Chloride	238	200	250	ND	95.2	80-120	0.126	20	
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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.



Definitions and Notes

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 09/25/25 06:34
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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				TAT				State			
Client: WPX Energy Permian, LLC.				Company: Devon Energy Production Co.				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Ram Ewe Federal #003				Address: 5315 Buena Vista Dr.				E569196		9108007					X	X			
Project Manager: Anna Byers				City, State, Zip: Carlsbad, NM, 88220															
Address: 13000 W County Rd 100				Phone: 575-885-7502															
City, State, Zip: Odessa, TX, 79765				Email: jim.raley@dvn.com															
Phone: 432-305-6415				Miscellaneous: PN:21975															
Email: NMTXGeoGroup@etechenv.com				IN: nMLB0704337034 CC:1094698801															
Sample Information										Analysis and Method						EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ.1005 - TX	PCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
																Compliance	Y	or	N
																PWSID #			
																Sample Temp			Remarks
10:27	9/17/25	Soil	1	BH06	5'	1								X		2.9			
13:47	9/17/25	Soil	1	BH09	5'	2								X		2.6			
9:32	9/17/25	Soil	1	BH04	5'	3								X	4	1.1			
														X					
														X					
														X					
														X					
														X					
														X					
														X					
														X					
Additional Instructions:																			
I, (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.																			
Sampled by: <u>CJ</u>																			
Relinquished by: (Signature) <u>[Signature]</u>				Date <u>9/18/25</u>		Time <u>1:00</u>		Received by: (Signature) <u>Michelle Gonzales</u>				Date <u>9-18-25</u>		Time <u>1:00</u>		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.			
Relinquished by: (Signature) <u>Michelle Gonzales</u>				Date <u>9-18-25</u>		Time <u>1:50</u>		Received by: (Signature) <u>Missy Gonzales</u>				Date <u>9-18-25</u>		Time <u>1:50</u>					
Relinquished by: (Signature) <u>Missy Gonzales</u>				Date <u>9-18-25</u>		Time <u>1:05</u>		Received by: (Signature) <u>Andrew Musso</u>				Date <u>9-18-25</u>		Time <u>1:05</u>					
Relinquished by: (Signature) <u>Andrew Musso</u>				Date <u>9-18-25</u>		Time <u>2:40</u>		Received by: (Signature) <u>[Signature]</u>				Date <u>9-19-25</u>		Time <u>7:45</u>					
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time					
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA									
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.																			

Envirotech Analytical Laboratory

Printed: 9/19/2025 12:43:05PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	WPX Energy - Carlsbad	Date Received:	09/19/25 07:45	Work Order ID:	E509196
Phone:	(575) 200-6754	Date Logged In:	09/18/25 16:14	Logged In By:	Caitlin Mars
Email:	anna@etechnv.com	Due Date:	09/25/25 17:00 (4 day TAT)		

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
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Courier

Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this discussion.

Comments/Resolution

Sample Turn Around Time (TAT)

- 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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

Sample Container

- 14. Are aqueous VOC samples present? No
- 15. Are VOC samples collected in VOA Vials? NA
- 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

- 20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

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 filtration 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

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

Date



envirotech Inc.

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

WPX Energy - Carlsbad

Project Name: Ram Ewe Federal #003

Work Order: E509199

Job Number: 01058-0007

Received: 9/19/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/24/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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: 9/24/25



Anna Byers
5315 Buena Vista Dr
Carlsbad, NM 88220

Project Name: Ram Ewe Federal #003
Workorder: E509199
Date Received: 9/19/2025 7:45:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/19/2025 7:45:00AM, under the Project Name: Ram Ewe Federal #003.

The analytical test results summarized in this report with the Project Name: Ram Ewe Federal #003 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 regarding 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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@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

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 09/24/25 13:13
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH10 1'	E509199-01A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH10 2'	E509199-02A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH10 3'	E509199-03A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH10 4'	E509199-04A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH11 1'	E509199-05A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH11 2'	E509199-06A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH11 3'	E509199-07A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH11 4'	E509199-08A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH12 1'	E509199-09A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH12 2'	E509199-10A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH12 3'	E509199-11A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH12 4'	E509199-12A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH13 1'	E509199-13A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH13 2'	E509199-14A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH13 3'	E509199-15A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH13 4'	E509199-16A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.

Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/24/2025 1:13:48PM
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BH10 1'
E509199-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: RKS		Batch: 2538114
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		90.8 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: RKS		Batch: 2538114
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.7 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: KH		Batch: 2538115
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/19/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	09/19/25	09/19/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: IY		Batch: 2538132
Chloride	132	20.0	1	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/24/2025 1:13:48PM
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BH10 2'
E509199-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		92.2 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.3 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2538115
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/19/25	
<i>Surrogate: n-Nonane</i>						
		98.6 %	61-141	09/19/25	09/19/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538132
Chloride	317	20.0	1	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/24/2025 1:13:48PM
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BH10 3'

E509199-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		93.4 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.6 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2538115
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/19/25	
<i>Surrogate: n-Nonane</i>						
		97.3 %	61-141	09/19/25	09/19/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538132
Chloride	266	20.0	1	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/24/2025 1:13:48PM
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BH10 4'

E509199-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.6 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.2 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2538115
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/19/25	
<i>Surrogate: n-Nonane</i>						
		94.5 %	61-141	09/19/25	09/19/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538132
Chloride	ND	200	10	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/24/2025 1:13:48PM
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BH11 1'

E509199-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		92.6 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.6 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2538115
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/19/25	
<i>Surrogate: n-Nonane</i>						
		94.2 %	61-141	09/19/25	09/19/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538132
Chloride	ND	20.0	1	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/24/2025 1:13:48PM
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BH11 2'

E509199-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.8 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.6 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2538115
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/19/25	
<i>Surrogate: n-Nonane</i>						
		97.0 %	61-141	09/19/25	09/19/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538132
Chloride	ND	20.0	1	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/24/2025 1:13:48PM
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BH11 3'

E509199-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		93.7 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.2 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2538115
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/19/25	
<i>Surrogate: n-Nonane</i>						
		95.6 %	61-141	09/19/25	09/19/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538132
Chloride	ND	20.0	1	09/19/25	09/20/25	

Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/24/2025 1:13:48PM
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BH11 4'

E509199-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		94.5 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.8 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2538115
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/19/25	
<i>Surrogate: n-Nonane</i>						
		99.8 %	61-141	09/19/25	09/19/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538132
Chloride	22.2	20.0	1	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/24/2025 1:13:48PM
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BH12 1'

E509199-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		92.5 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.8 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2538115
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>						
		97.9 %	61-141	09/19/25	09/20/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538132
Chloride	20.5	20.0	1	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/24/2025 1:13:48PM
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BH12 2'

E509199-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Benzene	ND	0.0250	1	09/19/25	09/22/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/22/25	
Toluene	ND	0.0250	1	09/19/25	09/22/25	
o-Xylene	ND	0.0250	1	09/19/25	09/22/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/22/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		94.1 %	70-130	09/19/25	09/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.9 %	70-130	09/19/25	09/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2538115
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>						
		96.4 %	61-141	09/19/25	09/20/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538132
Chloride	ND	20.0	1	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/24/2025 1:13:48PM
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BH12 3'

E509199-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Benzene	ND	0.0250	1	09/19/25	09/22/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/22/25	
Toluene	ND	0.0250	1	09/19/25	09/22/25	
o-Xylene	ND	0.0250	1	09/19/25	09/22/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/22/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		95.2 %	70-130	09/19/25	09/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.0 %	70-130	09/19/25	09/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2538115
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>						
		94.4 %	61-141	09/19/25	09/20/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538132
Chloride	ND	20.0	1	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/24/2025 1:13:48PM
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BH12 4'

E509199-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Benzene	ND	0.0250	1	09/19/25	09/22/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/22/25	
Toluene	ND	0.0250	1	09/19/25	09/22/25	
o-Xylene	ND	0.0250	1	09/19/25	09/22/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/22/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		94.9 %	70-130	09/19/25	09/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.2 %	70-130	09/19/25	09/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2538115
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>						
		97.1 %	61-141	09/19/25	09/20/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538132
Chloride	29.8	20.0	1	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/24/2025 1:13:48PM
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BH13 1'

E509199-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Benzene	ND	0.0250	1	09/19/25	09/22/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/22/25	
Toluene	ND	0.0250	1	09/19/25	09/22/25	
o-Xylene	ND	0.0250	1	09/19/25	09/22/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/22/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		93.5 %	70-130	09/19/25	09/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.1 %	70-130	09/19/25	09/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2538115
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>						
		93.7 %	61-141	09/19/25	09/20/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538132
Chloride	53.0	20.0	1	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/24/2025 1:13:48PM
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BH13 2'

E509199-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Benzene	ND	0.0250	1	09/19/25	09/22/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/22/25	
Toluene	ND	0.0250	1	09/19/25	09/22/25	
o-Xylene	ND	0.0250	1	09/19/25	09/22/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/22/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		93.0 %	70-130	09/19/25	09/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.9 %	70-130	09/19/25	09/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2538115
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>						
		97.7 %	61-141	09/19/25	09/20/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538132
Chloride	39.5	20.0	1	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/24/2025 1:13:48PM
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BH13 3'

E509199-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Benzene	ND	0.0250	1	09/19/25	09/22/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/22/25	
Toluene	ND	0.0250	1	09/19/25	09/22/25	
o-Xylene	ND	0.0250	1	09/19/25	09/22/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/22/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		93.5 %	70-130	09/19/25	09/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.6 %	70-130	09/19/25	09/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2538115
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>						
		96.4 %	61-141	09/19/25	09/20/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538132
Chloride	96.4	20.0	1	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/24/2025 1:13:48PM
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BH13 4'

E509199-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Benzene	ND	0.0250	1	09/19/25	09/22/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/22/25	
Toluene	ND	0.0250	1	09/19/25	09/22/25	
o-Xylene	ND	0.0250	1	09/19/25	09/22/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/22/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		93.7 %	70-130	09/19/25	09/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.8 %	70-130	09/19/25	09/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2538115
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>						
		94.2 %	61-141	09/19/25	09/20/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538132
Chloride	ND	200	10	09/19/25	09/20/25	



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/24/2025 1:13:48PM
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Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2538114-BLK1)

Prepared: 09/19/25 Analyzed: 09/20/25

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	7.31		8.00		91.4	70-130			

LCS (2538114-BS1)

Prepared: 09/19/25 Analyzed: 09/20/25

Benzene	4.40	0.0250	5.00		88.0	70-130			
Ethylbenzene	4.24	0.0250	5.00		84.8	70-130			
Toluene	4.33	0.0250	5.00		86.6	70-130			
o-Xylene	4.29	0.0250	5.00		85.8	70-130			
p,m-Xylene	8.56	0.0500	10.0		85.6	70-130			
Total Xylenes	12.8	0.0250	15.0		85.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.40		8.00		92.5	70-130			

Matrix Spike (2538114-MS1)

Source: E509199-06

Prepared: 09/19/25 Analyzed: 09/20/25

Benzene	4.64	0.0250	5.00	ND	92.9	70-130			
Ethylbenzene	4.46	0.0250	5.00	ND	89.3	70-130			
Toluene	4.57	0.0250	5.00	ND	91.3	70-130			
o-Xylene	4.52	0.0250	5.00	ND	90.3	70-130			
p,m-Xylene	9.01	0.0500	10.0	ND	90.1	70-130			
Total Xylenes	13.5	0.0250	15.0	ND	90.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.38		8.00		92.3	70-130			

Matrix Spike Dup (2538114-MSD1)

Source: E509199-06

Prepared: 09/19/25 Analyzed: 09/20/25

Benzene	4.76	0.0250	5.00	ND	95.2	70-130	2.46	27	
Ethylbenzene	4.61	0.0250	5.00	ND	92.2	70-130	3.21	26	
Toluene	4.69	0.0250	5.00	ND	93.8	70-130	2.67	20	
o-Xylene	4.66	0.0250	5.00	ND	93.2	70-130	3.12	25	
p,m-Xylene	9.30	0.0500	10.0	ND	93.0	70-130	3.16	23	
Total Xylenes	14.0	0.0250	15.0	ND	93.0	70-130	3.15	26	
Surrogate: 4-Bromochlorobenzene-PID	7.66		8.00		95.8	70-130			



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/24/2025 1:13:48PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2538114-BLK1)

Prepared: 09/19/25 Analyzed: 09/20/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.31		8.00		91.4	70-130			

LCS (2538114-BS2)

Prepared: 09/19/25 Analyzed: 09/20/25

Gasoline Range Organics (C6-C10)	51.4	20.0	50.0		103	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.33		8.00		91.6	70-130			

Matrix Spike (2538114-MS2)

Source: E509199-06

Prepared: 09/19/25 Analyzed: 09/20/25

Gasoline Range Organics (C6-C10)	50.1	20.0	50.0	ND	100	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.28		8.00		91.0	70-130			

Matrix Spike Dup (2538114-MSD2)

Source: E509199-06

Prepared: 09/19/25 Analyzed: 09/20/25

Gasoline Range Organics (C6-C10)	44.5	20.0	50.0	ND	89.1	70-130	11.8	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.40		8.00		92.5	70-130			



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/24/2025 1:13:48PM
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Nonhalogenated Organics by EPA 8015D - DRO/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
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Blank (2538115-BLK1)

Prepared: 09/19/25 Analyzed: 09/19/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	47.4		50.0		94.8	61-141			

LCS (2538115-BS1)

Prepared: 09/19/25 Analyzed: 09/19/25

Diesel Range Organics (C10-C28)	247	25.0	250		98.7	66-144			
Surrogate: <i>n</i> -Nonane	46.6		50.0		93.3	61-141			

Matrix Spike (2538115-MS1)

Source: E509199-06

Prepared: 09/19/25 Analyzed: 09/19/25

Diesel Range Organics (C10-C28)	260	25.0	250	ND	104	56-156			
Surrogate: <i>n</i> -Nonane	49.7		50.0		99.3	61-141			

Matrix Spike Dup (2538115-MSD1)

Source: E509199-06

Prepared: 09/19/25 Analyzed: 09/19/25

Diesel Range Organics (C10-C28)	255	25.0	250	ND	102	56-156	1.99	20	
Surrogate: <i>n</i> -Nonane	48.4		50.0		96.9	61-141			



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/24/2025 1:13:48PM
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Anions by EPA 300.0/9056A

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
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Blank (2538132-BLK1)

Prepared: 09/19/25 Analyzed: 09/20/25

Chloride ND 20.0

LCS (2538132-BS1)

Prepared: 09/19/25 Analyzed: 09/20/25

Chloride 252 20.0 250 101 90-110

Matrix Spike (2538132-MS1)

Source: E509199-06

Prepared: 09/19/25 Analyzed: 09/20/25

Chloride 262 20.0 250 ND 105 80-120

Matrix Spike Dup (2538132-MSD1)

Source: E509199-06

Prepared: 09/19/25 Analyzed: 09/20/25

Chloride 264 20.0 250 ND 106 80-120 0.718 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.



Definitions and Notes

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	
5315 Buena Vista Dr	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Anna Byers	09/24/25 13:13

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				TAT				State			
Client: WPX Energy Permian, LLC.				Company: Devon Energy Production Co.				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Ram Ewe Federal #003				Address: 5315 Buena Vista Dr.				E 509199010580007							X	X			
Project Manager: Anna Byers				City, State, Zip: Carlsbad, NM, 88220															
Address: 13000 W County Rd 100				Phone: 575-885-7502															
City, State, Zip: Odessa, TX, 79765				Email: jim.raley@dvn.com															
Phone: 432-305-6415				Miscellaneous: PN:21975															
Email: NMTXGeoGroup@etechnv.com				IN: nMLB0704337034 CC:1094698801															
Sample Information											Analysis and Method				EPA Program				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	PCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
																Compliance	Y	or	N
																PWSID #			
																Sample Temp			Remarks
13:36	9/17/25	Soil	1	BH10	1'	1								X		2.2			
13:38			1	BH10	2'	2								X		1.5			
13:40			1	BH10	3'	3								X		1.5			
13:42			1	BH10	4'	4								X		1.2			
14:01			1	BH11	5'	5								X		3.9			
14:03			1	BH11	2'	6								X		2.0			
14:05			1	BH11	3'	7								X		2.1			
14:07			1	BH11	4'	8								X		1.8			
14:15			1	BH12	1'	9								X		3.0			
14:17			1	BH12	2'	10								X		2.3			
Additional Instructions:																			
I, (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.																			
Sampled by: <i>CF</i>																			
Relinquished by: (Signature)				Date	Time	Received by: (Signature)				Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.							
<i>Michelle Gonzales</i>				9/18/25	1100	<i>Michelle Gonzales</i>				9-18-25	1100								
<i>Michelle Gonzales</i>				9-18-25	1500	<i>Marissa Gonzales</i>				9-18-25	1500								
<i>Marissa Gonzales</i>				9-18-25	1905	<i>Andrew Musso</i>				9-18-25	1905								
<i>Andrew Musso</i>				9-18-25	2400	<i>Caitlynn</i>				9-19-25	745								
Relinquished by: (Signature)				Date	Time	Received by: (Signature)				Date	Time	Lab Use Only							
												Received on ice:							
												Y N							
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other												Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA							
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.																			



Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: WPX Energy Permian, LLC.				Company: Devon Energy Production Co.				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Ram Ewe Federal #003				Address: 5315 Buena Vista Dr.				E509199		01058-0007					X	X			
Project Manager: Anna Byers				City, State, Zip: Carlsbad, NM, 88220															
Address: 13000 W County Rd 100				Phone: 575-885-7502															
City, State, Zip: Odessa, TX, 79765				Email: jim.raley@dvn.com															
Phone: 432-305-6415				Miscellaneous: PN:21975															
Email: NMTXGeoGroup@etechnv.com				IN: nMLB0704337034 CC:1094698801															
Sample Information										Analysis and Method						EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEO 1005 - TX	PCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
																Compliance	Y	or	N
																PWSID #			
																Sample Temp			Remarks
14:19	9/17/25	Soil	1	BH 12	3'	11								X		2.3			
14:21			1	BH 12	4'	12								X		1.8			
14:43			1	BH 13	1'	13								X		1.9			
14:45			1	BH 13	2'	14								X		2.8			
14:47			1	BH 13	3'	15								X		2.3			
14:49			1	BH 13	4'	16								X		2.8			
Additional Instructions:																			
I, (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.																			
Sampled by: <i>CT</i>																			
Relinquished by: (Signature) <i>Michelle Gonzales</i>				Date <i>9/18/25</i>		Time <i>1100</i>		Received by: (Signature) <i>Michelle Gonzales</i>				Date <i>9-18-25</i>		Time <i>1100</i>		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.			
Relinquished by: (Signature) <i>Michelle Gonzales</i>				Date <i>9-18-25</i>		Time <i>1500</i>		Received by: (Signature) <i>Marissa Gonzales</i>				Date <i>9-18-25</i>		Time <i>1500</i>					
Relinquished by: (Signature) <i>Marissa Gonzales</i>				Date <i>9-18-25</i>		Time <i>1905</i>		Received by: (Signature) <i>Andrew Musso</i>				Date <i>9-18-25</i>		Time <i>1905</i>					
Relinquished by: (Signature) <i>Andrew Musso</i>				Date <i>9-18-25</i>		Time <i>2400</i>		Received by: (Signature) <i>Caitlin Han</i>				Date <i>9-19-25</i>		Time <i>745</i>					
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time		Lab Use Only			
																Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N			
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA									
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.																			

Envirotech Analytical Laboratory

Printed: 9/19/2025 12:48:31PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	WPX Energy - Carlsbad	Date Received:	09/19/25 07:45	Work Order ID:	E509199
Phone:	(575) 200-6754	Date Logged In:	09/18/25 16:22	Logged In By:	Caitlin Mars
Email:	anna@etechnv.com	Due Date:	09/25/25 17:00 (4 day TAT)		

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
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Courier

Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this discussion.

Comments/Resolution

Sample Turn Around Time (TAT)

- 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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

Sample Container

- 14. Are aqueous VOC samples present? No
- 15. Are VOC samples collected in VOA Vials? NA
- 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

- 20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

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 filtration 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

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

Date



envirotech Inc.

| Appendix G

P.O. Box 62228 Midland TX 79711 Tel: 432-563-2200 Fax: 432-563-2213

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 478805

QUESTIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 478805
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nMLB0704337034
Incident Name	NMLB0704337034 RAM EWE FEDERAL #003 @ 30-015-27737
Incident Type	Oil Release
Incident Status	Initial C-141 Approved
Incident Well	[30-015-27737] RAM EWE FEDERAL #003

Location of Release Source	
Site Name	RAM EWE FEDERAL #003
Date Release Discovered	01/23/2007
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	12,296
What is the estimated number of samples that will be gathered	12
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/01/2025
Time sampling will commence	07:00 AM
Please provide any information necessary for observers to contact samplers	Please contact Erick Herrera at 432-305-6416 with any questions
Please provide any information necessary for navigation to sampling site	From the intersection of Hidalgo Rural Rd and McKittrick Rd, head southwest for 1.3 mi, turn left for 0.5 mi, turn right for 0.2 mi to reach the provided GPS point (32.3438644, -104.2958145).

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 478805

CONDITIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 478805
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	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.	6/25/2025
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	6/25/2025

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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 478808

QUESTIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 478808
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nMLB0704337034
Incident Name	NMLB0704337034 RAM EWE FEDERAL #003 @ 30-015-27737
Incident Type	Oil Release
Incident Status	Initial C-141 Approved
Incident Well	[30-015-27737] RAM EWE FEDERAL #003

Location of Release Source	
Site Name	RAM EWE FEDERAL #003
Date Release Discovered	01/23/2007
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	12,296
What is the estimated number of samples that will be gathered	12
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/02/2025
Time sampling will commence	07:00 AM
Please provide any information necessary for observers to contact samplers	Please contact Erick Herrera at 432-305-6416 with any questions
Please provide any information necessary for navigation to sampling site	From the intersection of Hidalgo Rural Rd and McKittrick Rd, head southwest for 1.3 mi, turn left for 0.5 mi, turn right for 0.2 mi to reach the provided GPS point (32.3438644, -104.2958145).

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CONDITIONS

Action 478808

CONDITIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 478808
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	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.	6/25/2025
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	6/25/2025

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QUESTIONS

Action 505661

QUESTIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 505661
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nMLB0704337034
Incident Name	NMLB0704337034 RAM EWE FEDERAL #003 @ 30-015-27737
Incident Type	Oil Release
Incident Status	Initial C-141 Approved
Incident Well	[30-015-27737] RAM EWE FEDERAL #003

Location of Release Source	
Site Name	RAM EWE FEDERAL #003
Date Release Discovered	01/23/2007
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	12,296
What is the estimated number of samples that will be gathered	18
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/17/2025
Time sampling will commence	07:00 AM
Please provide any information necessary for observers to contact samplers	Please contact Erick Herrera at 432-305-6416 with any questions
Please provide any information necessary for navigation to sampling site	From the intersection of Hidalgo Rural Rd and McKittrick Rd, head southwest for 1.3 mi, turn left for 0.5 mi, turn right for 0.2 mi to reach the provided GPS point (32.3438644, 104.2958145).

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CONDITIONS

Action 505661

CONDITIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 505661
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	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.	9/12/2025
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	9/12/2025

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QUESTIONS

Action 559347

QUESTIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 559347
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nMLB0704337034
Incident Name	NMLB0704337034 RAM EWE FEDERAL #003 @ 30-015-27737
Incident Type	Oil Release
Incident Status	Remediation Plan Received
Incident Well	[30-015-27737] RAM EWE FEDERAL #003

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	RAM EWE FEDERAL #003
Date Release Discovered	01/23/2007
Surface Owner	Federal

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

Nature and Volume of Release	
<i>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.</i>	
Crude Oil Released (bbls) Details	Cause: Equipment Failure Flow Line - Production Crude Oil Released: 5 BBL Recovered: 0 BBL Lost: 5 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Flow Line - Production Produced Water Released: 8 BBL Recovered: 0 BBL Lost: 8 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 559347

QUESTIONS (continued)

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 559347
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	<i>Not answered.</i>

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dnv.com Date: 03/03/2026
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QUESTIONS, Page 3

Action 559347

QUESTIONS (continued)

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 559347
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

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

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<i>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.</i>	
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 Cl B)	1860
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	95.7
GRO+DRO (EPA SW-846 Method 8015M)	87.8
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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

On what estimated date will the remediation commence	05/17/2026
On what date will (or did) the final sampling or liner inspection occur	09/17/2025
On what date will (or was) the remediation complete(d)	12/31/2026
What is the estimated surface area (in square feet) that will be reclaimed	1578
What is the estimated volume (in cubic yards) that will be reclaimed	285
What is the estimated surface area (in square feet) that will be remediated	1578
What is the estimated volume (in cubic yards) that will be remediated	285

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

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

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QUESTIONS, Page 4

Action 559347

QUESTIONS (continued)

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 559347
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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	fEEM0112334510 HALFWAY DISPOSAL AND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
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: 03/03/2026
--	--

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

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QUESTIONS, Page 5

Action 559347

QUESTIONS (continued)

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 559347
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Deferral Requests Only	
<i>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.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 559347

QUESTIONS (continued)

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 559347
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	505663
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/18/2025
What was the (estimated) number of samples that were to be gathered	18
What was the sampling surface area in square feet	12296

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

Action 559347

CONDITIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 559347
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	The Remediation Plan is Conditionally Approved. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards for site assessment/characterization/proven depth to water determination. Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. Confirmation samples should be collected every 200 ft2. All off pad areas must meet reclamation standards set forth in the OCD Spill Rule. The work will need to occur in 90 days after the work plan has been reviewed.	3/9/2026