

CLOSURE REQUEST ADDENDUM

RDX 16 #009 Eddy County, New Mexico Incident Number nAPP2316445941

Prepared For: WPX Energy Permian, LLC 5315 Buena Vista Dr. Carlsbad, NM 88220

Carlsbad • Midland • San Antonio • Lubbock • Hobbs • Lafayette

Released to Imaging: 4/25/2024 8:30:55 AM

SYNOPSIS

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of WPX Energy Permian, LLC (WPX), presents the following Closure Request Addendum (CRA) that provides additional data associated with a previously submitted Closure Request Report (CRR) to document supplemental soil sampling events at the RDX 16 #009 (Site). Based on completed remedial actions, field observations and review of the laboratory analytical results from recent soil sampling events, WPX is requesting No Further Action (NFA) for Incident Number nAPP2316445941 and to postpone final remediation until the Site undergoes plugging and abandonment (P&A) activities.

A CRR was previously denied on November 11, 2023, by the New Mexico Oil Conservation Division (NMOCD) due to the following reason(s):

- "The closure report includes an inadequate number of floor samples. Please collect confirmation samples, representing no more than 200 ft2. When equipment is located in and around the release area, samples must come from the sidewalls of the release area excavation."
- "The OCD needs to know if the release went in, around, or under equipment/tanks. Not having sidewall samples from the actual excavation won't give us those sampling data points that we need."

SITE LOCATION AND RELEASE BACKGROUND

The Site is located in Unit F, Section 16, Township 26 South, Range 30 East, in Eddy County, New Mexico (32.0453377°, -103.8900681°) and is associated with oil and gas exploration and production operations on State Land (**Figure 1** in **Appendix A**).

On June 8, 2023, failure of the wellhead packing caused the release of approximately 3 barrels (bbls) of crude oil and 50 bbls of produced water onto the well pad surface. A vacuum truck was dispatched to the Site and recovered approximately 1 bbl of crude oil. No produced water was successfully recovered. WPX reported the release to the New Mexico Oil Conservation Division (NMOCD) on a Release Notification and Corrective Action Form C-141 on June 13, 2023, and was subsequently assigned Incident Number nAPP2316445941. **Figure 2** in **Appendix A** depicts the observed release footprint, hereafter referred to as the Area of Concern (AOC).

WPX retained a contractor to excavate immediate soil impacts from the surface of the AOC via visual observation. Impacted soil was hauled to a licensed and approved landfill facility under approved WPX waste manifests. The excavation was then backfilled with clean, locally sourced soil and recontoured to match pre-existing conditions. Following initial correction action efforts, Etech conducted site assessment and delineation activities to characterize the subject release by verifying the presence or absence of impacted soil within and around the AOC. Three potholes (PH01 through PH03) were advanced within the AOC and four potholes (PH04 through PH09) were advanced around the AOC to confirm horizontal delineation.

Due to the large extent of the AOC, NMOCD approved a Sampling Variance Request (SVR) for 5-point composite confirmation soil samples to represent a maximum of 400 square feet per soil sample collected from within the AOC floor and 200 square feet for lateral/edge confirmation soil samples on February 13, 2024. The SVR and approved email receipt is provided in **Appendix B**.

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:

Closure Request Addendum Incident Number nAPP2316445941 RDX 16 #009

- 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.

Depth to groundwater at the Site is estimated to be greater than 100 feet below ground surface (bgs) based on a soil boring (C-04068-POD1) that was drilled by Atkins Engineering Associates, Inc., located approximately 0.21 miles west of the Site. The soil boring location may be referenced on **Figure 1A** in **Appendix A**. Using a truck mounted drill rig equipped with a hollow stem auger, the soil boring was advanced to a total depth of 125 feet bgs. No fluids were observed throughout the drilling process nor after a 72-hour observation period. Following the observation period, the boring was plugged and abandoned according to the appropriate regulations. The boring log and plugging records are provided in **Appendix C**.

All other potential receptors are not within the established buffers in NMAC 19.15.29.12. Receptor details and sources used for the Site characterization are included in **Figure 1B** and **Figure 1C** in **Appendix A**.

Based on the results from the desktop review and estimated regional depth to groundwater at the Site, the following Closure Criteria was applied:

Constituents of Concern (COCs)	Laboratory Analytical Method	Closure Criteria ⁺	
Chloride	Environmental Protection Agency (EPA) 300.0	20,000 milligram per kilogram (mg/kg)	
Total Petroleum Hydrocarbon (TPH)	EPA 8015 M/D	2,500 mg/kg	
TPH-Gasoline Range Organics (GRO) + TPH-Diesel Range Organics (DRO)	EPA 8015 M/D	1,000 mg/kg	
Benzene	EPA 8021B	10 mg/kg	
Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA 8021B	50 mg/kg	

[†]The 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.

CONFIRMATION SOIL SAMPLING ACTIVITIES

On January 17, 2024, Etech collected 5-point composite confirmation soil samples at an approved sampling frequency of 400 square feet from the areas associated with the AOC floor (labeled as FS) and 200 square feet from the excavation AOC edges (labeled as SW). Soil samples were collected, and field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach[®] chloride QuanTab[®] test strips. The composite confirmation soil samples were comprised of five equivalent aliquots homogenized in a 1-gallon, resealable plastic bag. The confirmation soil samples were then placed into lab provided pre-cleaned glass jars, packed with minimal void spaces, labeled, and immediately placed on ice. The confirmation soil samples were transported under strict chain-of-custody

Closure Request Addendum Incident Number nAPP2316445941 RDX 16 #009 procedures to Envirotech, Inc. in Farmington, New Mexico, for analysis of COCs. The location of the confirmation soil samples are shown in **Figure 3** in **Appendix A**. Photographic documentation of confirmation soil sampling excavation activities is included in **Appendix D**.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for all final confirmation soil samples indicated all analyzed COCs were below the Site Closure Criteria. Additionally, concentrations of COCs for edge soil samples, specifically SW01 through SW04, provide horizontal delineation of the AOC. Laboratory analytical results are summarized in **Table 1** included in **Appendix E**. The executed chain-of-custody forms and laboratory analytical reports are provided in **Appendix F**.

CLOSURE REQUEST

Based on laboratory analytical results for confirmation soil samples associated with the inadvertent release, immediate residual soil impacts were delineated, excavated, and removed from the AOC, per the Site Closure Criteria.

Due to the active production status of the Site, WPX will reassess the AOC upon completion of P&A activities and subsequently remove identified residual impacts exceeding the reclamation standards. Since the depth to groundwater at the Site is estimated to be greater than 100 feet bgs and there are no sensitive receptors within the established buffers in NMAC 19.15.29.12, WPX believes leaving soil with chloride concentrations exceeding the reclamation standard but below the Site Closure Criteria is equally protective of human health, the environment, and groundwater. WPX estimates 742 cubic yards of soil to be removed during reclamation activities to achieve complete Site restoration but is subject to change. A Reclamation Report will be submitted upon completion of final remediation activities. The proposed Future Restoration Area is depicted on **Figure 4** in **Appendix A**.

As such, NFA appears warranted at this time and the CRA associated with Incident Number nAPP2316445941 should be respectfully considered for Closure by the NMOCD. If you have any questions or comments, please do not hesitate to contact Joseph Hernandez at (432) 305-6413 or joseph@etechenv.com or Erick Herrera at (432) 305-6416 or erick@etechenv.com. Appendix G provides correspondence email notification receipts associated with the subject release. The summary of previous Site activities, and laboratory results may be referenced in the previously submitted CRR in Appendix H.

Sincerely, Etech Environmental and Safety Solutions, Inc.

Erich

Erick Herrera Staff Geologist

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Joseph S. Hernandez Senior Managing Geologist

cc: Jim Raley, WPX New Mexico Oil Conservation Division State Land Office

Closure Request Addendum Incident Number nAPP2316445941 RDX 16 #009

Appendices:

Appendix A:	Figure 1: Site Map
	Figure 1A: Site Characterization Map – Groundwater
	Figure 2B: Site Characterization Map – Surficial Receptors
	Figure 1C: Site Characterization Map – Subsurface Receptors
	Figure 2: Area of Concern
	Figure 3: Confirmation Soil Sample Locations
	Figure 4: Future Restoration Area
Appendix B:	Approved Sampling Variance Request
Appendix C:	Referenced Well Record
Appendix D:	Photographic Log
Appendix E:	Tables
Appendix F:	Laboratory Analytical Reports & Chain-of-Custody Documentation
Appendix G:	NMOCD Notifications
Appendix H:	Previously Submitted Closure Request Report

Closure Request Addendum Incident Number nAPP2316445941 RDX 16 #009

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APPENDIX A

Figures





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APPENDIX B

Approved Sampling Variance Request



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

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

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Page 15cof 218

Action 302172

QUESTIONS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	302172
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites			
Incident ID (n#)	nAPP2316445941		
Incident Name	NAPP2316445941 RDX 16 #009 @ 30-015-39752		
Incident Type	Produced Water Release		
Incident Status	Remediation Closure Report Received		
Incident Well	[30-015-39752] RDX 16 #009		

Location of Release Source

Site Name	RDX 16 #009
Date Release Discovered	06/08/2023
Surface Owner	State

Sampling Event General Information

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Please answer all the questions in this group.	
What is the sampling surface area in square feet	5,008
What is the estimated number of samples that will be gathered	43
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/17/2024
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Please contact Gilbert Moreno with any questions at (432)305-6414
Please provide any information necessary for navigation to sampling site	From the intersection of Tarbrush and Pipeline Rd, go east on Pipeline Rd. for approximately 3.32 mi, turn right for 1.34 mi; turn left for 0.27 mi. to Site Location (32.0453, -103.8901).

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

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

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Operator:	OGRID:		
WPX Energy Permian, LLC	246289		
Devon Energy - Regulatory	Action Number:		
Oklahoma City, OK 73102	302172		
	Action Type:		
	[NOTIFY] Notification Of Sampling (C-141N)		

CONDITIONS

Create By	d Condition	Condition Date
jrale	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	1/10/2024

Page 16cof 218

Action 302172

Erick Herrera

From: Sent:	Hamlet, Robert, EMNRD <robert.hamlet@emnrd.nm.gov> Tuesday, January 16, 2024 10:50 AM</robert.hamlet@emnrd.nm.gov>
То:	Gilbert Moreno
Cc:	Raley, Jim; Devon-Team; Bratcher, Michael, EMNRD; Wells, Shelly, EMNRD; Velez, Nelson, EMNRD
Subject:	(Variance Approval) WPX Site Sampling Activity

Gilbert,

The variance is approved for collecting 5-point composite area floor samples to represent each 400 ft2 area. Sidewall/Edge confirmation samples will still need to be collected every 200 ft2 to define the edge of the release area. Please include this e-mail correspondence in the remediation and/or closure report.

Regards,

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



From: Gilbert Moreno <gilbert@etechenv.com>
Sent: Friday, January 12, 2024 4:46 PM
To: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Cc: Raley, Jim <Jim.Raley@dvn.com>; Devon-Team <Devon-Team@etechenv.com>; Bratcher, Michael, EMNRD
<mike.bratcher@emnrd.nm.gov>; Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Subject: [EXTERNAL] RE: WPX Site Sampling Activity

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

Robert,

We have prepared a cover letter with the sampling variance information and maps for your review.

Thanks,

Gilbert Moreno

Field Supervisor-Geologist



Work: (432) 305-6414 Cell: (832) 541-7719

From: Hamlet, Robert, EMNRD <<u>Robert.Hamlet@emnrd.nm.gov</u>>
Sent: Friday, January 12, 2024 8:38 AM
To: Gilbert Moreno <<u>gilbert@etechenv.com</u>>
Cc: Raley, Jim <<u>Jim.Raley@dvn.com</u>>; Devon-Team <<u>Devon-Team@etechenv.com</u>>; Bratcher, Michael, EMNRD
<<u>mike.bratcher@emnrd.nm.gov</u>>; Wells, Shelly, EMNRD <<u>Shelly.Wells@emnrd.nm.gov</u>>
Subject: WPX Site Sampling Activity

Gilbert,

We would need a proposed sampling grid map and sampling statistics showing equal or better protection of fresh water, public health and the environment. The demonstration should show that depth to groundwater and karst are not an issue. Also, that it's not within a 100-year floodplain or within 300 feet of a wetland.

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



From: Gilbert Moreno <<u>gilbert@etechenv.com</u>>
Sent: Thursday, January 11, 2024 12:51 PM
To: Hamlet, Robert, EMNRD <<u>Robert.Hamlet@emnrd.nm.gov</u>>
Cc: Enviro, OCD, EMNRD <<u>OCD.Enviro@emnrd.nm.gov</u>>; Raley, Jim <<u>Jim.Raley@dvn.com</u>>; Devon-Team <<u>Devon-Team@etechenv.com</u>>
Subject: [EXTERNAL] WPX Site Sampling Activity

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

Robert,

Due to the large Area of concern (5,008 square feet) at the RDX 16 #009 (**nAPP2316445941**), WPX requests a sampling variance of which confirmation soil samples represent a maximum frequency of 400 square feet per soil sample. Due to the shallow depth of the excavation, soil from the sidewalls are anticipated to be included in each representative composite floor soil sample. As such, 13 samples are anticipated to be collected from the excavation's floor compared to 25 samples, utilizing a frequency of 200 square feet. A sampling notification (C-141N) for this incident was submitted for next week and will include soil samples pending approval for the requested sampling frequency increase.

Thanks,

Gilbert Moreno Field Supervisor-Geologist



Work: (432) 305-6414 Cell: (832) 541-7719

APPENDIX C

Referenced Well Records





WELL RECORD & LOG office of the state engineer

STALL CLARK FROM ROMENCI, CAN MENICO

2027 TEV 12 IN 1-58

www.ose.state.nm.us

7	OSE POD NUM		LL NUMBER)					OSE FILE NUM C-4068	/BER(S)			
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CA1	RKI Exploration and Production, LLC											
TO	WELL OWNER MAILING ADDRESS							CITY		STATE	ZIP	
/ELI	ł		Center MD 35,					Tulsa		OK 74172		
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1.0	NW/4SW/4NW/4 Section 16, Township 26S, Range 30 E, N.M.P.M.											
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	0	5	5	white caliche small gravel	Y	N		
	5	20	15	light brown tine sand with small gravel	Y	√ N		
	20	40	20	tan sand, medium gravel, sandstone	Y	√ N		
	40	50	10	white tannish sand/sandstone	Y	✓ N		
	50	90	40	tannish very fine sandstone	Y	✓ N		
П	90	110	20	fine reddish tan sandstone	Y	✓ N		
4. HYDROGEOLOGIC LOG OF WELL	110	125	15	fine reddish sandstone with small layers of reddish clay	Y	√ N		
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Roswell Office 1900 WEST SECOND STREET ROSWELL, NM 88201

STATE OF NEW MEXICO OFFICE OF THE STATE ENGINEER

Trn Nbr: 606777 File Nbr: C 04068 Well File Nbr: C 04068 POD1

Jun. 12, 2017

JUSTIN BARMORE RKI EXPLORATION AND PRODUCTION LLC 3500 ONE WILLIAMS CENTER MD 35 TULSA, OK 74172

Greetings:

The above numbered permit was issued in your name on 05/08/2017.

The Well Record was received in this office on 05/17/2017, stating that it had been completed on 05/12/2017, and was a dry well. The well is to be plugged or capped or otherwise maintained in a manner satisfactory to the State Engineer.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 05/15/2018.

If you have any questions, please feel free to contact us.

Sincerely,

Deborah Dunaway

(575)622-6521

drywell

APPENDIX D

Photographic Log





APPENDIX E

Table



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Table 1 SOIL SAMPLE ANALYTICAL RESULTS WPX Energy Permian, LLC RDX 16 #009 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)	DRO+GRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closur Release (NMAC 19.15.)		s Impacted by a	10	50	NE	NE	NE	1,000	2,500	20,000
				Confirmation S	oil Samples - Incident	Number nAPP2316445	941	•		
FS01	01/17/2024	0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	11,800
FS02	01/17/2024	0.25	<0.0250	0.0643	<20.0	41.2	<50.0	41.2	41.2	9,060
FS03	01/17/2024	0.25	<0.0250	<0.0500	<20.0	357	460.0	357	817	8,370
FS04	01/17/2024	0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,990
FS05	01/17/2024	0.25	<0.0250	<0.0500	<20.0	378	494	378	872	7,740
FS06	01/17/2024	0.25	<0.0250	0.0375	<20.0	230	296	230	526	909
FS07	01/17/2024	0.25	<0.0250	0.0283	<20.0	99.3	133	99.3	232	8,280
FS08	01/17/2024	0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,590
FS09	01/17/2024	0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,130
FS10	01/17/2024	0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	782
FS11	01/17/2024	0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	241
FS12	01/17/2024	0.25	<0.0250	0.0719	<20.0	<25.0	<50.0	<25.0	<50.0	2,440
FS13	01/17/2024	0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,170
SW01	01/17/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	343
SW02	01/17/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	228
SW03	01/17/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	457
SW04	01/17/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	146

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 Standard⁺ for Soils Impacted by a Release

[†] The 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

Laboratory Analytical Reports & Chain-of-Custody Documentation







5796 U.S. Hwy 64 Farmington, NM 87401

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





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Practical Solutions for a Better Tomorrow

Analytical Report

WPX Energy - Carlsbad

Project Name: RDX 1

RDX 16 #009

Work Order: E401128

Job Number: 01058-0007

Received: 1/23/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 1/29/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 1/29/24

Gilbert Moreno 5315 Buena Vista Dr Carlsbad, NM 88220

Project Name: RDX 16 #009 Workorder: E401128 Date Received: 1/23/2024 6:00:00AM

Gilbert Moreno,



Page 30 of 218

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/23/2024 6:00:00AM, under the Project Name: RDX 16 #009.

The analytical test results summarized in this report with the Project Name: RDX 16 #009 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Field Offices:

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Envirotech Web Address: www.envirotech-inc.com

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Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
FS01 0.25'	5
QC Summary Data	6
QC - Volatile Organics by EPA 8021B	6
QC - Nonhalogenated Organics by EPA 8015D - GRO	7
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	8
QC - Anions by EPA 300.0/9056A	9
Definitions and Notes	10
Chain of Custody etc.	11

		Sample Sum	mary		
WPX Energy - Carlsbad	Project Name:		RDX 16 #009		Reported:
5315 Buena Vista Dr		Project Number:	01058-0007		Reported:
Carlsbad NM, 88220		Project Manager:	Gilbert Moreno		01/29/24 09:47
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS01 0.25'	E401128-01A	Soil	01/17/24	01/23/24	Glass Jar, 2 oz.



	5.	impic D						
WPX Energy - Carlsbad 5315 Buena Vista Dr	Project Name: Project Numbe		X 16 #009 58-0007			Reported:		
Carlsbad NM, 88220	Project Manag							
]	FS01 0.25'						
		E401128-01						
		Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: EG		Batch: 2404026		
Benzene	ND	0.0250	1	01/23/24	01/23/24			
Ethylbenzene	ND	0.0250	1	01/23/24	01/23/24			
Toluene	ND	0.0250	1	01/23/24	01/23/24			
p-Xylene	ND	0.0250	1	01/23/24	01/23/24			
p,m-Xylene	ND	0.0500	1	01/23/24	01/23/24			
Fotal Xylenes	ND	0.0250	1	01/23/24	01/23/24			
Surrogate: 4-Bromochlorobenzene-PID		95.3 %	70-130	01/23/24	01/23/24			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: EG		Batch: 2404026		
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/24	01/23/24			
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.3 %	70-130	01/23/24	01/23/24			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KH		Batch: 2404034		
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/24	01/25/24			
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/24	01/25/24			
Surrogate: n-Nonane		78.7 %	50-200	01/24/24	01/25/24			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2404020		
Chloride	11800	200	10	01/23/24	01/23/24			

Sample Data



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	01	DX 16 #009 1058-0007 ilbert Moreno					Reported: 1/29/2024 9:47:24AM
		Volatile O	rganics l	by EPA 802	IB				Analyst: EG
Analyte		Reporting	Spike	Source	_	Rec	DDD	RPD	
	Result mg/kg	Limit mg/kg	Level mg/kg	Result mg/kg	Rec %	Limits %	RPD %	Limit %	Notes
Blank (2404026-BLK1)							Prepared: 0	1/23/24 A	nalyzed: 01/23/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Foluene	ND	0.0250							
p-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Fotal Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.55		8.00		94.4	70-130			
LCS (2404026-BS1)							Prepared: 0	1/23/24 A	nalyzed: 01/23/24
Benzene	4.92	0.0250	5.00		98.3	70-130			
Ethylbenzene	4.84	0.0250	5.00		96.7	70-130			
Foluene	4.90	0.0250	5.00		97.9	70-130			
p-Xylene	4.84	0.0250	5.00		96.8	70-130			
o,m-Xylene	9.87	0.0500	10.0		98.7	70-130			
Fotal Xylenes	14.7	0.0250	15.0		98.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.59		8.00		94.9	70-130			
Matrix Spike (2404026-MS1)				Source: I	E 401128-0	1	Prepared: 0	1/23/24 A	nalyzed: 01/23/24
Benzene	5.20	0.0250	5.00	ND	104	54-133			
Ethylbenzene	5.12	0.0250	5.00	ND	102	61-133			
Foluene	5.19	0.0250	5.00	ND	104	61-130			
p-Xylene	5.13	0.0250	5.00	ND	103	63-131			
o,m-Xylene	10.4	0.0500	10.0	ND	104	63-131			
Fotal Xylenes	15.5	0.0250	15.0	ND	104	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.70		8.00		96.3	70-130			
Matrix Spike Dup (2404026-MSD1)				Source: I	E 401128-0	1	Prepared: 0	1/23/24 A	nalyzed: 01/23/24
Benzene	5.30	0.0250	5.00	ND	106	54-133	1.94	20	
Ethylbenzene	5.23	0.0250	5.00	ND	105	61-133	2.25	20	
Foluene	5.30	0.0250	5.00	ND	106	61-130	1.95	20	
o-Xylene	5.24	0.0250	5.00	ND	105	63-131	2.16	20	
o,m-Xylene	10.7	0.0500	10.0	ND	107	63-131	2.28	20	
Fotal Xylenes	15.9	0.0250	15.0	ND	106	63-131	2.24	20	



QC Summary Data

		QC D	uIIIII	aly Data	•				
WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	0	DX 16 #009 1058-0007 Gilbert Moreno					Reported: 1/29/2024 9:47:24AM
	No	nhalogenated O	Organics	by EPA 801	5D - GI	RO			Analyst: EG
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2404026-BLK1)							Prepared: 0	1/23/24 A	Analyzed: 01/23/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.77		8.00		97.2	70-130			
LCS (2404026-BS2)							Prepared: 0	1/23/24 A	Analyzed: 01/23/24
Gasoline Range Organics (C6-C10)	52.3	20.0	50.0		105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.84		8.00		98.0	70-130			
Matrix Spike (2404026-MS2)				Source: F	2401128-0)1	Prepared: 0	1/23/24 A	Analyzed: 01/23/24
Gasoline Range Organics (C6-C10)	53.4	20.0	50.0	ND	107	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.80		8.00		97.6	70-130			
Matrix Spike Dup (2404026-MSD2)				Source: H	2401128-0	01	Prepared: 0	1/23/24 A	Analyzed: 01/23/24
Gasoline Range Organics (C6-C10)	52.9	20.0	50.0	ND	106	70-130	0.916	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.76		8.00		97.0	70-130			

QC Summary Data

		QC S	umma	ary Data					
WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	0	DX 16 #009 1058-0007 ilbert Moreno					Reported: 1/29/2024 9:47:24AM
	Nonh	alogenated Org	anics 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
Blank (2404034-BLK1)							Prepared: 0	1/24/24 <i>A</i>	Analyzed: 01/24/24
Diesel Range Organics (C10-C28)	ND	25.0							-
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	43.0		50.0		86.1	50-200			
LCS (2404034-BS1)							Prepared: 0	1/24/24 /	Analyzed: 01/24/24
Diesel Range Organics (C10-C28)	197	25.0	250		78.8	38-132			
Surrogate: n-Nonane	42.5		50.0		85.0	50-200			
Matrix Spike (2404034-MS1)				Source: H	E401130-0	01	Prepared: 0	1/24/24 <i>A</i>	Analyzed: 01/24/24
Diesel Range Organics (C10-C28)	490	25.0	250	357	53.3	38-132			
Surrogate: n-Nonane	39.2		50.0		78.4	50-200			
Matrix Spike Dup (2404034-MSD1)				Source: H	E401130-0	01	Prepared: 0	1/24/24 A	Analyzed: 01/24/24
Diesel Range Organics (C10-C28)	565	25.0	250	357	83.2	38-132	14.2	20	
Surrogate: n-Nonane	42.7		50.0		85.5	50-200			


QC Summary Data

		C C		v					
WPX Energy - Carlsbad		Project Name:	R	DX 16 #009					Reported:
5315 Buena Vista Dr		Project Number:	01	1058-0007					-
Carlsbad NM, 88220		Project Manager	:: G	ilbert Moreno					1/29/2024 9:47:24AM
		Anions	by EPA 3	300.0/9056 <i>A</i>	4				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2404020-BLK1)							Prepared: 0	1/23/24 A	analyzed: 01/23/24
Chloride	ND	20.0							
LCS (2404020-BS1)							Prepared: 0	1/23/24 A	analyzed: 01/23/24
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2404020-MS1)				Source:	E401125-0	02	Prepared: 0	1/23/24 A	nalyzed: 01/23/24
Chloride	255	20.0	250	ND	102	80-120			
Matrix Spike Dup (2404020-MSD1)				Source:	E401125-0	02	Prepared: 0	1/23/24 A	analyzed: 01/23/24
Chloride	252	20.0	250	ND	101	80-120	0.906	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.



_		Dennitions		
ſ	WPX Energy - Carlsbad	Project Name:	RDX 16 #009	
	5315 Buena Vista Dr	Project Number:	01058-0007	Reported:
	Carlsbad NM, 88220	Project Manager:	Gilbert Moreno	01/29/24 09:47

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

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



Project Information

Chain of Custody

Page 1____ of __1__

		y Permia	n, LLC.			Bill To						se Or	nly					TA	Т	EPA I	Program		
	RDX 16 #0					Attention: Jim Raley		Lab	WO#		~	Job	Num	ber		1D	2D	3D	Standard	CWA	SDWA		
	Manager:			_		Attention: Jim Raley Lab WO# Job Number 10 Address: 5315 Buena Vista Dr. E 40 1) 28 010580007								5 day TAT		1							
	13000 W					City, State, Zip: Carlsbad, NM, 88	3220			-	1.1	Analy	sis an	d Me	thod		_			1	RCRA		
	te, Zip_Oo		79765			Phone: 575-885-7502		Phone: 575-885-7502		110	10	-							- 1				1
	32-541-7	1.44				Email: jim.raley@dvn.com			801											State			
imail: D	evon-tear	n@etech	env.com	1		WO: 21191055			Nq C						1				NM C	UT AZ	TX		
						Incident ID: nAPP2316445941			ORC														
	d by: Edyt	e Konan						17	TPH GTO/DRO/ORO by BOIS	V 8021	8260	6010	Chloride 300.0			C NM		¥	*				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample I	ID		Lab Number	Depth(ft.)	D Hdi	BTEX by 8021	VOC by \$260	Metals 6010	Chlorid			BGDOC	-	GDOC	-	Remark	s		
9:40	01.17.24	5	1			F501	1	0.25				-				x	-						
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1		~																					
-																							
Addition	al Instruc	tions:														-	- '						
					sample. I am inds for legal a	aware that tampering with or intentionally mis	labelling the sam	ple locat	tion,										ceived on ice the r ess than 6 °C on s				
	ed by: (Signa		Date		Time	Received by: (Signature)	Date	200	Time				-			La	b Us	e Onl			-		
allacutet	ngaf	- format	Date	22/24	II BLIC		1 dd	14	1	40	>	Rec	eived	on i	ce:	Y	/ N						
will	ed by: (Signa	sent	Fa	22-24	1630		Date 1-22	24	l	730)	T1	_		_	Τ2			<u>T3</u>				
telin Dish	ed by: (Signa	ture	Date	22.24	1 Ula	Received by: (Signature)	Date	24	Time	lor	7)	AVO	5 Tem	p°C	4								
	rix: S - Soil, So		Sludge, A -	Aqueous, O -	Other		Containe										s, v -	VOA					
lote: Sam	ples are disc	arded 30 di	ays after re	esults are re	ported unle	ss other arrangements are made. Hazard														nalysis of th	e above		

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

	WPX Energy - Carlsbad D	ate Received:	01/23/24	06:00	Work Order ID:	E401128
Phone:	(539) 573-4018 D	ate Logged In:	01/22/24	15:54	Logged In By:	Alexa Michaels
Email:		ue Date:	01/29/24	17:00 (4 day TAT)		
Chain c	of Custody (COC)					
1. Does	the sample ID match the COC?		Yes			
2. Does	the number of samples per sampling site location match	the COC	Yes			
3. Were	samples dropped off by client or carrier?		Yes	Carrier: Courier		
4. Was t	he COC complete, i.e., signatures, dates/times, requested	l analyses?	Yes			
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in th i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes		<u>Commen</u>	ts/Resolution
Sample	Turn Around Time (TAT)					
	he COC indicate standard TAT, or Expedited TAT?		Yes			
Sample	Cooler					
	a sample cooler received?		Yes			
8. If yes	s, was cooler received in good condition?		Yes			
9. Was t	he sample(s) received intact, i.e., not broken?		Yes			
10. Wer	e custody/security seals present?		No			
11. If ye	es, were custody/security seals intact?		NA			
12. Was	the sample received on ice? If yes, the recorded temp is 4°C, i.e Note: Thermal preservation is not required, if samples are re		Yes			
10 10	minutes of sampling		~			
13. If no	o visible ice, record the temperature. Actual sample ter	nperature: <u>4°(</u>	<u>2</u>			
	<u>Container</u>					
	aqueous VOC samples present?		No			
	VOC samples collected in VOA Vials?		NA			
	he head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?		NA			
	non-VOC samples collected in the correct containers?	o o Illo oto d9	Yes Yes			
19.18 un	e appropriate volume/weight or number of sample containers	confected?	ies			
	e field sample labels filled out with the minimum inform	ation				
Field L		anon.				
<u>Field L</u> 20. Wer	-		Yes			
Field La 20. Wer	Sample ID? Date/Time Collected?		Yes Yes			
<u>Field La</u> 20. Wer	Sample ID?					
Field La 20. Wer Sample	Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u>		Yes			
Field La 20. Wer Sample 21. Doe	Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese	erved?	Yes Yes No			
Field La 20. Wer Sample 21. Doe 22. Are	Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved?		Yes Yes No NA			
Field La 20. Wer Sample 21. Doe 22. Are	Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese		Yes Yes No			
Field L. 20. Wer Sample 21. Doe 22. Are 24. Is la Multipl	Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta hase Sample Matrix_	ıls?	Yes Yes No NA			
Sample 20. Wer 20. Wer 21. Doe 22. Are 24. Is la Multipl 26. Doe	Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta hase Sample Matrix s the sample have more than one phase, i.e., multiphase?	ıls?	Yes Yes No NA			
Sample 20. Wer 20. Wer 21. Doe 22. Are 24. Is la Multipl 26. Doe	Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta hase Sample Matrix_	ıls?	Yes Yes No NA No			
Sample 21. Doe 22. Are 24. Is la Multipl 26. Doe 27. If ye	Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta hase Sample Matrix s the sample have more than one phase, i.e., multiphase?	ıls?	Yes Yes No No No			
Sample 20. Wer 20. Wer 21. Doe 22. Are 24. Is la Multipl 26. Doe 27. If ye Subcon	Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta hase Sample Matrix s the sample have more than one phase, i.e., multiphase? es, does the COC specify which phase(s) is to be analyze	ıls? d?	Yes Yes No No No			

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



envirotech Inc.

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5796 U.S. Hwy 64 Farmington, NM 87401

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





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Practical Solutions for a Better Tomorrow

Analytical Report

WPX Energy - Carlsbad

Project Name: RDX 1

RDX 16 #009

Work Order: E401129

Job Number: 01058-0007

Received: 1/23/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 1/29/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 1/29/24

Gilbert Moreno 5315 Buena Vista Dr Carlsbad, NM 88220

Project Name: RDX 16 #009 Workorder: E401129 Date Received: 1/23/2024 6:00:00AM

Gilbert Moreno,



Page 42 of 218

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/23/2024 6:00:00AM, under the Project Name: RDX 16 #009.

The analytical test results summarized in this report with the Project Name: RDX 16 #009 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Field Offices:

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

Michelle Golzales 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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Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
FS02 0.25'	5
QC Summary Data	6
QC - Volatile Organics by EPA 8021B	6
QC - Nonhalogenated Organics by EPA 8015D - GRO	7
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	8
QC - Anions by EPA 300.0/9056A	9
Definitions and Notes	10
Chain of Custody etc.	11

		Sample Sum	mary		·
WPX Energy - Carlsbad		Project Name:	RDX 16 #009		Doportoda
5315 Buena Vista Dr		Project Number:	01058-0007		Reported:
Carlsbad NM, 88220		Project Manager:	Gilbert Moreno		01/29/24 09:45
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS02 0.25'	E401129-01A	Soil	01/17/24	01/23/24	Glass Jar, 2 oz.



		mpic D				
WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Project Numbe Project Manage	r: 010:	K 16 #009 58-0007 ert Moreno			Reported: 1/29/2024 9:45:40AM
	F	S02 0.25'				
]	E401129-01				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: EG		Batch: 2404026
Benzene	ND	0.0250	1	01/23/24	01/23/24	
Ethylbenzene	ND	0.0250	1	01/23/24	01/23/24	
Foluene	0.0643	0.0250	1	01/23/24	01/23/24	
p-Xylene	ND	0.0250	1	01/23/24	01/23/24	
o,m-Xylene	ND	0.0500	1	01/23/24	01/23/24	
Total Xylenes	ND	0.0250	1	01/23/24	01/23/24	
Surrogate: 4-Bromochlorobenzene-PID		98.6 %	70-130	01/23/24	01/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: EG		Batch: 2404026
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/24	01/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.3 %	70-130	01/23/24	01/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2404034
Diesel Range Organics (C10-C28)	41.2	25.0	1	01/24/24	01/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/24	01/25/24	
Surrogate: n-Nonane		79.4 %	50-200	01/24/24	01/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2404020
Chloride	9060	100	5	01/23/24	01/23/24	



QC Summary Data

	Project Name: Project Number: Project Manager:	0						Reported: 1/29/2024 9:45:40AM
	Volatile Or	rganics	by EPA 802	1B				Analyst: EG
Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
						Prepared: 0	1/23/24 A	nalyzed: 01/23/24
ND	0.0250							
ND	0.0250							
ND	0.0250							
ND	0.0250							
ND	0.0500							
ND	0.0250							
7.55		8.00		94.4	70-130			
						Prepared: 0	1/23/24 A	nalyzed: 01/23/24
4.92	0.0250	5.00		98.3	70-130			
4.84	0.0250	5.00		96.7	70-130			
4.90	0.0250	5.00		97.9	70-130			
4.84	0.0250	5.00		96.8	70-130			
9.87	0.0500	10.0		98.7	70-130			
14.7	0.0250	15.0		98.1	70-130			
7.59		8.00		94.9	70-130			
			Source: I	E 401128-0	1	Prepared: 0	1/23/24 A	nalyzed: 01/23/24
5.20	0.0250	5.00	ND	104	54-133			
5.12	0.0250	5.00	ND	102	61-133			
5.19	0.0250	5.00	ND	104	61-130			
5.13	0.0250	5.00	ND	103	63-131			
10.4	0.0500	10.0	ND	104	63-131			
15.5	0.0250	15.0	ND	104	63-131			
7.70		8.00		96.3	70-130			
			Source: I	E401128-0	1	Prepared: 0	1/23/24 A	nalyzed: 01/23/24
5.30	0.0250	5.00	ND	106	54-133	1.94	20	
5.23	0.0250	5.00	ND	105	61-133	2.25	20	
5.30	0.0250	5.00	ND	106	61-130	1.95	20	
5.24	0.0250	5.00	ND	105	63-131	2.16	20	
10.7	0.0500	10.0	ND	107	63-131	2.28	20	
15.9	0.0250	15.0	ND	106	63-131	2.24	20	
	ND ND ND ND ND ND ND 7.55 7.55 4.92 4.84 4.90 4.84 9.87 14.7 7.59 5.20 5.12 5.19 5.13 10.4 15.5 7.70 5.30 5.23 5.30 5.24 10.7	Arroject Number: Project Manager: Project Manager: Volatile Or Result mg/kg Reporting Limit mg/kg ND 0.0250 7.55	Project Number: 0 Project Number: 0 Project Manager: 0 Volatile Organics 0 Result Reporting mg/kg Spike Level ND 0.0250 Solo 5.00 4.92 0.0250 S.00 5.00 4.84 0.0250 9.87 0.0500 9.87 0.0500 14.7 0.0250 5.00 5.00 5.12 0.0250 5.13 0.0250 7.70 8.00 5.30 0.0250 5.30 5.00 5.30 0.0250 5.30 0.0250	ND Output Spike Source Result Limit Level Result mg/kg mg/kg mg/kg mg/kg ND 0.0250 ND ND 0.0250 mg/kg ND 0.0250 ND ND 0.0250 mg/kg ND 0.0250 ND ND 0.0250 S.00 X4.92 0.0250 S.00 4.84 0.0250 S.00 4.84 0.0250 S.00 9.87 0.0500 IO.0 7.59 8.00 ND 5.12 0.0250 S.00 5.13 0.0250 S.00 5.13 0.0250 S.00	Project Number: 01058-0007 Project Manager: Gilbert Moreno Volatile Organics by EPA 8021B Result Reporting Mg/kg Spike Mg/kg Source Result Rec ND 0.0250 ND 0.0250 ND 0.0250 S.00 98.3 4.84 0.0250 5.00 98.3 4.84 0.0250 5.00 98.7 4.84 0.0250 5.00 98.7 4.84 0.0250 5.00 98.7 7.59 8.00 94.9 Source: E401128-0 5.20 5.00 ND 104 5.12 0.0250 5.00 ND 104 5.13 0.0250 5.00 ND 104 Source: E401128-0	Project Number: 01058-0007 Project Manager: Gilbert Moreno Volatile Organics by EPA 8021B Result Reporting mg/kg Spike mg/kg Source Result Rec Result ND 0.0250 mg/kg mg/kg % % ND 0.0250 season season % ND 0.0250 season season % ND 0.0250 season 94.4 70-130 ND 0.0250 season 94.4 70-130 ND 0.0250 season 94.4 70-130 4.92 0.0250 5.00 98.3 70-130 4.84 0.0250 5.00 97.9 70-130 4.84 0.0250 5.00 98.7 70-130 9.87 0.0500 10.0 98.7 70-130 9.87 0.0500 10.0 98.1 70-130 9.87 0.0500 10.0 98.1 70-130 9.87 0	Project Number: 01058-0007 Project Manager: Gilbert Moreno Volatile Organics by EPA 8021B Result Reporting mg/kg Spike mg/kg Source Result Rec Limits RPD mg/kg mg/kg mg/kg % % % % 0.0250 mg/kg mg/kg % % % % ND 0.0250 ND 0.0250 ND ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 Prepared: 0 4.84 0.0250 5.00 94.4 70-130 4.84 0.0250 5.00 97.9 70-130 4.84 0.0250 5.00 98.7 70-130 4.84 0.0250 5.00 98.7 70-130 7.59 8.00 94.9 70-130 94.9 7.50 8.00 ND 104 54-133 5.12 0.0250	ND Spike Source Rec Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg mg/kg % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % %<



QC Summary Data

		QC S	umm	ary Data					
WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	0	RDX 16 #009 1058-0007 Gilbert Moreno					Reported: 1/29/2024 9:45:40AM
	No	onhalogenated O	rganics	by EPA 801	5D - GI	RO			Analyst: EG
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2404026-BLK1)							Prepared: 0	1/23/24 <i>I</i>	Analyzed: 01/23/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.77		8.00		97.2	70-130			
LCS (2404026-BS2)							Prepared: 0	1/23/24 A	Analyzed: 01/23/24
Gasoline Range Organics (C6-C10)	52.3	20.0	50.0		105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.84		8.00		98.0	70-130			
Matrix Spike (2404026-MS2)				Source: E	2401128-0)1	Prepared: 0	1/23/24 A	Analyzed: 01/23/24
Gasoline Range Organics (C6-C10)	53.4	20.0	50.0	ND	107	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.80		8.00		97.6	70-130			
Matrix Spike Dup (2404026-MSD2)				Source: E	2401128-0	01	Prepared: 0	1/23/24 A	Analyzed: 01/23/24
Gasoline Range Organics (C6-C10)	52.9	20.0	50.0	ND	106	70-130	0.916	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.76		8.00		97.0	70-130			



QC Summary Data

		QC S	umma	ary Data					
WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	0	DX 16 #009 1058-0007 ilbert Moreno					Reported: 1/29/2024 9:45:40AM
	Nonh	alogenated Org	anics 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
Blank (2404034-BLK1)							Prepared: 0	1/24/24 <i>A</i>	Analyzed: 01/24/24
Diesel Range Organics (C10-C28)	ND	25.0							-
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	43.0		50.0		86.1	50-200			
LCS (2404034-BS1)							Prepared: 0	1/24/24 /	Analyzed: 01/24/24
Diesel Range Organics (C10-C28)	197	25.0	250		78.8	38-132			
Surrogate: n-Nonane	42.5		50.0		85.0	50-200			
Matrix Spike (2404034-MS1)				Source: H	E401130-0	01	Prepared: 0	1/24/24 /	Analyzed: 01/24/24
Diesel Range Organics (C10-C28)	490	25.0	250	357	53.3	38-132			
Surrogate: n-Nonane	39.2		50.0		78.4	50-200			
Matrix Spike Dup (2404034-MSD1)				Source: H	E401130-0	01	Prepared: 0	1/24/24 A	Analyzed: 01/24/24
Diesel Range Organics (C10-C28)	565	25.0	250	357	83.2	38-132	14.2	20	
Surrogate: n-Nonane	42.7		50.0		85.5	50-200			



QC Summary Data

		L L		v					
WPX Energy - Carlsbad		Project Name:	R	DX 16 #009					Reported:
5315 Buena Vista Dr		Project Number:	0	058-0007					•
Carlsbad NM, 88220		Project Manager	:: G	ilbert Moreno					1/29/2024 9:45:40AM
		Anions	by EPA 3	300.0/9056 <i>A</i>	4				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2404020-BLK1)							Prepared: 0	1/23/24 A	analyzed: 01/23/24
Chloride	ND	20.0							
LCS (2404020-BS1)							Prepared: 0	1/23/24 A	analyzed: 01/23/24
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2404020-MS1)				Source:	E401125-0	02	Prepared: 0	1/23/24 A	nalyzed: 01/23/24
Chloride	255	20.0	250	ND	102	80-120			
Matrix Spike Dup (2404020-MSD1)				Source:	E401125-0	02	Prepared: 0	1/23/24 A	analyzed: 01/23/24
Chloride	252	20.0	250	ND	101	80-120	0.906	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.



_		Deminions		
Γ	WPX Energy - Carlsbad	Project Name:	RDX 16 #009	
	5315 Buena Vista Dr	Project Number:	01058-0007	Reported:
	Carlsbad NM, 88220	Project Manager:	Gilbert Moreno	01/29/24 09:45

ND Analyte NOT DET	ECTED 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.





Project Information

Chain of Custody

Page 1 _of _1

Project: RDX 16 #009 Project Manager: Gilbert			_	Bill To					Lab Use Only						TAT				EPA Program		
Project Manager' Gilbert				Attention: Jim Raley					ab WO# Job Number									andard	CWA	SDWA	
			A	ddress: 5315 Bi	uena Vista Dr.		E401129 010580007								5	day TAT					
Address: 13000 W Count			_		Carlsbad, NM, 8	8220	1	-	_	A	Analy	sis and	Met	thod	_	_				RCRA	
City, State, Zip_Odessa,T	K, 79765		P	hone: 575-885-	7502														1.0.1		
Phone: 832-541-7719			E	mail: jim.raley@	@dvn.com			108											State		
Email: Devon-team@ete	henv.con	n	V	/0:21191055				P.					- 1	111				NM CO	UT AZ	TX	
Collected by: Edyte Kona		1	Ir	icīdent ID: nAPP	2316445941	100		TPH GRO/DRO/ORO by B015	021	160	10	00.00			INIS	X					
Time Date Matrix	Na. of Containers	Sample ID				Lab Number	Depth(ft.)	PH GRO/	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			2000	GDOC		×	Remarks		
	-					Number	1	H		>	4	0	-			10	-				
9:50 01.17.24 S	1			FS02		1	0.25							- 3	•			1	_		
1	-		_										_	-							
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Additional Instructions:		1					-	-	_		-		-	_	1	-					
, (field sampler), attest to the valid date or time of collection is conside		and the second second			ith or intentionally mi pled by: EK	slabelling the sam	ple locat	ión,											y they are sam exequent days.		
Relinquished by: (Signature)	Dat	e Ti	mo 01/22/21	Received by: (S		Date (1))-	74	Time	40)	Ree	eived			Lab	Jse Or	ylı			-	
Relinquished by: (Signature)	Dat		me 630	Received by: (S	ignature)	Date 1-22	.2.4	Time	72	5	Ti	erved	on ic	e: T:				72			
Relinquished by: Signature	Dati	112.00	me 011	Received by: (S	ilgnature)	Date	1.71	Time	60	0	11				-		-	13			
candlen who	300 1	1-02-04	MOO	hippy	A Hell	1.23-		-	60			5 Tem					-		-		
Sample Matrix: S - Soil, Sd - Solid, S				1/	s are made, Hazar	Containe															

leeereu	EI	nvirotech	Analytical	Laboratory		Printed: 1/24/2024 3:18:54PM
			Receipt Checl	-		
	s: Please take note of any NO checkmarks. e no response concerning these items within 24 hours of the	-	-		uested.	
Client:	WPX Energy - Carlsbad Da	ate Received:	01/23/24 06:00		Work Order ID:	E401129
Phone:	(539) 573-4018 Da	ate Logged In:	01/22/24 15:54		Logged In By:	Alexa Michaels
Email:		ue Date:	01/29/24 17:00	(4 day TAT)	20	
Chain o	f Custody (COC)					
	the sample ID match the COC?		Yes			
2. Does	the number of samples per sampling site location match	the COC	Yes			
3. Were	samples dropped off by client or carrier?		Yes	Carrier: Courier		
4. Was t	he COC complete, i.e., signatures, dates/times, requested	l analyses?	Yes	<u></u>		
	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	-	Yes		Commen	ts/Resolution
	Turn Around Time (TAT) the COC indicate standard TAT, or Expedited TAT?		Yes			
Sample	, 1					
	sample cooler received?		Yes			
	, was cooler received in good condition?		Yes			
	he sample(s) received intact, i.e., not broken?		Yes			
	e custody/security seals present?					
	s, were custody/security seals intact?		No			
12. Was t	the sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are re- minutes of sampling	ceived w/i 15	NA Yes			
13, If no	visible ice, record the temperature. Actual sample ter	nperature: <u>4</u>	<u>°C</u>			
<u>Sample</u>	Container					
	aqueous VOC samples present?		No			
15. Are	VOC samples collected in VOA Vials?		NA			
16. Is th	e head space less than 6-8 mm (pea sized or less)?		NA			
17. Was	a trip blank (TB) included for VOC analyses?		NA			
18, Are:	non-VOC samples collected in the correct containers?		Yes			
19. Is the	e appropriate volume/weight or number of sample containers	collected?	Yes			
Field La 20. Were	abel e field sample labels filled out with the minimum inform	ation:				
	Sample ID?		Yes			
	Date/Time Collected?		Yes	L		
(Collectors name?		Yes			
	Preservation					
	s the COC or field labels indicate the samples were prese	erved?	Yes			
	sample(s) correctly preserved? h filteration required and/or requested for dissolved meta	ils?	No No			
Multiph	nase Sample Matrix					
	s the sample have more than one phase, i.e., multiphase?		No			
	es, does the COC specify which phase(s) is to be analyzed		NA			
	tract Laboratory					
28. Are	samples required to get sent to a subcontract laboratory?		No			

NA Subcontract Lab: NA

Date

Client Instruction

envirotech Inc.

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

29. Was a subcontract laboratory specified by the client and if so who?





5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

WPX Energy - Carlsbad

Project Name: RDX 1

RDX 16 #009

Work Order: E401130

Job Number: 01058-0007

Received: 1/23/2024

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 1/29/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 1/29/24

Gilbert Moreno 5315 Buena Vista Dr Carlsbad, NM 88220

Project Name: RDX 16 #009 Workorder: E401130 Date Received: 1/23/2024 6:00:00AM

Gilbert Moreno,



Page 54 of 218

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/23/2024 6:00:00AM, under the Project Name: RDX 16 #009.

The analytical test results summarized in this report with the Project Name: RDX 16 #009 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.

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

Respectfully,

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

Field Offices:

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Michelle Golzales 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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Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
FS03 - 0.25'	5
FS04 - 0.25'	6
FS05 - 0.25'	7
QC Summary Data	8
QC - Volatile Organics by EPA 8021B	8
QC - Nonhalogenated Organics by EPA 8015D - GRO	9
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	10
QC - Anions by EPA 300.0/9056A	11
Definitions and Notes	12
Chain of Custody etc.	13

Page 56 of 218

		Sample Sum			
WPX Energy - Carlsbad		Project Name:	RDX 16 #009		Reported:
5315 Buena Vista Dr		Project Number:	01058-0007		Reporteur
Carlsbad NM, 88220		Project Manager:	Gilbert Moreno		01/29/24 14:03
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS03 - 0.25'	E401130-01A	Soil	01/17/24	01/23/24	Glass Jar, 2 oz.
FS04 - 0.25'	E401130-02A	Soil	01/17/24	01/23/24	Glass Jar, 2 oz.
FS05 - 0.25'	E401130-03A	Soil	01/17/24	01/23/24	Glass Jar, 2 oz.



	5.	imple D				
WPX Energy - Carlsbad	Project Name:		X 16 #009			
5315 Buena Vista Dr	Project Numbe		58-0007			Reported:
Carlsbad NM, 88220	Project Manag	ger: Gilb	ert Moreno			1/29/2024 2:03:44PM
	I	FS03 - 0.25'				
		E401130-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: EG		Batch: 2404026
Benzene	ND	0.0250	1	01/23/24	01/23/24	
Ethylbenzene	ND	0.0250	1	01/23/24	01/23/24	
Toluene	ND	0.0250	1	01/23/24	01/23/24	
p-Xylene	ND	0.0250	1	01/23/24	01/23/24	
o,m-Xylene	ND	0.0500	1	01/23/24	01/23/24	
Fotal Xylenes	ND	0.0250	1	01/23/24	01/23/24	
Surrogate: 4-Bromochlorobenzene-PID		97.5 %	70-130	01/23/24	01/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: EG		Batch: 2404026
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/24	01/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.3 %	70-130	01/23/24	01/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KH		Batch: 2404034
Diesel Range Organics (C10-C28)	357	25.0	1	01/24/24	01/25/24	
Oil Range Organics (C28-C36)	460	50.0	1	01/24/24	01/25/24	
Surrogate: n-Nonane		80.0 %	50-200	01/24/24	01/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2404020
Chloride	8370	200	10	01/23/24	01/23/24	



	5	ample D	ala			
WPX Energy - Carlsbad	Project Name:	RD	X 16 #009			
5315 Buena Vista Dr	Project Numbe	er: 010	58-0007			Reported:
Carlsbad NM, 88220	Project Manag	ger: Gilb	ert Moreno			1/29/2024 2:03:44PM
]	FS04 - 0.25'				
		E401130-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	ıt: EG		Batch: 2404026
Benzene	ND	0.0250	1	01/23/24	01/23/24	
Ethylbenzene	ND	0.0250	1	01/23/24	01/23/24	
Foluene	ND	0.0250	1	01/23/24	01/23/24	
p-Xylene	ND	0.0250	1	01/23/24	01/23/24	
o,m-Xylene	ND	0.0500	1	01/23/24	01/23/24	
Fotal Xylenes	ND	0.0250	1	01/23/24	01/23/24	
Surrogate: 4-Bromochlorobenzene-PID		97.6 %	70-130	01/23/24	01/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	ıt: EG		Batch: 2404026
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/24	01/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	01/23/24	01/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KH		Batch: 2404034
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/24	01/25/24	
Dil Range Organics (C28-C36)	ND	50.0	1	01/24/24	01/25/24	
Surrogate: n-Nonane		81.7 %	50-200	01/24/24	01/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	it: DT		Batch: 2404020
Chloride	4990	100	5	01/23/24	01/23/24	



	56	imple D	aca			
WPX Energy - Carlsbad	Project Name:	RD	K 16 #009			
5315 Buena Vista Dr	Project Numbe	r: 010:	58-0007			Reported:
Carlsbad NM, 88220	Project Manage	er: Gilb	ert Moreno			1/29/2024 2:03:44PM
	F	S05 - 0.25'				
	-	E401130-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	t: EG		Batch: 2404026
Benzene	ND	0.0250	1	01/23/24	01/23/24	
Ethylbenzene	ND	0.0250	1	01/23/24	01/23/24	
Toluene	ND	0.0250	1	01/23/24	01/23/24	
p-Xylene	ND	0.0250	1	01/23/24	01/23/24	
p,m-Xylene	ND	0.0500	1	01/23/24	01/23/24	
Total Xylenes	ND	0.0250	1	01/23/24	01/23/24	
Surrogate: 4-Bromochlorobenzene-PID		96.3 %	70-130	01/23/24	01/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	:: EG		Batch: 2404026
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/24	01/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.6 %	70-130	01/23/24	01/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst	:: KH		Batch: 2404034
Diesel Range Organics (C10-C28)	378	25.0	1	01/24/24	01/25/24	
Oil Range Organics (C28-C36)	494	50.0	1	01/24/24	01/25/24	
Surrogate: n-Nonane		86.6 %	50-200	01/24/24	01/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	:: DT		Batch: 2404020
Chloride	7740	200	10	01/23/24	01/23/24	



QC Summary Data

		QC DI		ary Data					
WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	0	RDX 16 #009)1058-0007 Gilbert Moreno					Reported: 1/29/2024 2:03:44PM
		Volatile Or	rganics	by EPA 802	1B				Analyst: EG
Analyte		Reporting	Spike	Source		Rec		RPD	
Analyte	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2404026-BLK1)							Prepared: 0	1/23/24 A	nalyzed: 01/23/24
Benzene	ND	0.0250					-		
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.55		8.00		94.4	70-130			
LCS (2404026-BS1)							Prepared: 0	1/23/24 A	nalyzed: 01/23/24
Benzene	4.92	0.0250	5.00		98.3	70-130			
Ethylbenzene	4.84	0.0250	5.00		96.7	70-130			
Toluene	4.90	0.0250	5.00		97.9	70-130			
o-Xylene	4.84	0.0250	5.00		96.8	70-130			
p,m-Xylene	9.87	0.0500	10.0		98.7	70-130			
Total Xylenes	14.7	0.0250	15.0		98.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.59		8.00		94.9	70-130			
Matrix Spike (2404026-MS1)				Source: I	E 401128-	01	Prepared: 0	1/23/24 A	nalyzed: 01/23/24
Benzene	5.20	0.0250	5.00	ND	104	54-133			
Ethylbenzene	5.12	0.0250	5.00	ND	102	61-133			
Toluene	5.19	0.0250	5.00	ND	104	61-130			
o-Xylene	5.13	0.0250	5.00	ND	103	63-131			
p,m-Xylene	10.4	0.0500	10.0	ND	104	63-131			
Total Xylenes	15.5	0.0250	15.0	ND	104	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.70		8.00		96.3	70-130			
Matrix Spike Dup (2404026-MSD1)				Source: I	E401128-	01	Prepared: 0	1/23/24 A	nalyzed: 01/23/24
Benzene	5.30	0.0250	5.00	ND	106	54-133	1.94	20	
Ethylbenzene	5.23	0.0250	5.00	ND	105	61-133	2.25	20	
Toluene	5.30	0.0250	5.00	ND	106	61-130	1.95	20	
o-Xylene	5.24	0.0250	5.00	ND	105	63-131	2.16	20	
p,m-Xylene	10.7	0.0500	10.0	ND	107	63-131	2.28	20	
Total Xylenes	15.9	0.0250	15.0	ND	106	63-131	2.24	20	
Surrogate: 4-Bromochlorobenzene-PID	7.78		8.00		97.3	70-130			



QC Summary Data

		QC 5	uIIIII	ary Data	L				
WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	0	DX 16 #009 1058-0007 Filbert Moreno					Reported: 1/29/2024 2:03:44PM
	Noi	nhalogenated C	Organics	by EPA 801	5D - GI	RO			Analyst: EG
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2404026-BLK1)							Prepared: 0	1/23/24 <i>A</i>	Analyzed: 01/23/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.77		8.00		97.2	70-130			
LCS (2404026-BS2)							Prepared: 0	1/23/24 <i>F</i>	Analyzed: 01/23/24
Gasoline Range Organics (C6-C10)	52.3	20.0	50.0		105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.84		8.00		98.0	70-130			
Matrix Spike (2404026-MS2)				Source: I	E 401128- ()1	Prepared: 0	1/23/24 <i>i</i>	Analyzed: 01/23/24
Gasoline Range Organics (C6-C10)	53.4	20.0	50.0	ND	107	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.80		8.00		97.6	70-130			
Matrix Spike Dup (2404026-MSD2)				Source: I	E 401128- ()1	Prepared: 0	1/23/24 A	Analyzed: 01/23/24
Gasoline Range Organics (C6-C10)	52.9	20.0	50.0	ND	106	70-130	0.916	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.76		8.00		97.0	70-130			

QC Summary Data

		QC S	umm	ary Data					
WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	0	RDX 16 #009 01058-0007 Gilbert Moreno					Reported: 1/29/2024 2:03:44PM
	Nonh	alogenated Org	anics by	F 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
Blank (2404034-BLK1)							Prepared: 0	1/24/24 A	analyzed: 01/24/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	43.0		50.0		86.1	50-200			
LCS (2404034-BS1)							Prepared: 0	1/24/24 A	analyzed: 01/24/24
Diesel Range Organics (C10-C28)	197	25.0	250		78.8	38-132			
Surrogate: n-Nonane	42.5		50.0		85.0	50-200			
Matrix Spike (2404034-MS1)				Source: F	401130-0	01	Prepared: 0	1/24/24 A	analyzed: 01/24/24
Diesel Range Organics (C10-C28)	490	25.0	250	357	53.3	38-132			
Surrogate: n-Nonane	39.2		50.0		78.4	50-200			
Matrix Spike Dup (2404034-MSD1)				Source: E	2401130-0	01	Prepared: 0	1/24/24 A	analyzed: 01/24/24
Diesel Range Organics (C10-C28)	565	25.0	250	357	83.2	38-132	14.2	20	
Surrogate: n-Nonane	42.7		50.0		85.5	50-200			



QC Summary Data

		QU N		ary Date	-				
WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220		Project Name: Project Number: Project Manager	0	DX 16 #009 1058-0007 iilbert Moreno					Reported: 1/29/2024 2:03:441
		Anions	by EPA	300.0/9056 <i>A</i>	4				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
Blank (2404020-BLK1)							Prepared: 0	1/23/24 .	Analyzed: 01/23/24
Chloride	ND	20.0							
LCS (2404020-BS1)							Prepared: 0	1/23/24	Analyzed: 01/23/24
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2404020-MS1)				Source:	E401125-()2	Prepared: 0	1/23/24	Analyzed: 01/23/24
Chloride	255	20.0	250	ND	102	80-120			
Matrix Spike Dup (2404020-MSD1)				Source:	E401125-()2	Prepared: 0	1/23/24	Analyzed: 01/23/24
Chloride	252	20.0	250	ND	101	80-120	0.906	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.



_		Deminions		
Γ	WPX Energy - Carlsbad	Project Name:	RDX 16 #009	
	5315 Buena Vista Dr	Project Number:	01058-0007	Reported:
l	Carlsbad NM, 88220	Project Manager:	Gilbert Moreno	01/29/24 14:03

porting 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.





Project Information

Chain of Custody

Page 1_of 1_

	PX Energ		n, LLC,			Bill To				La	ab Us	se Qr						TA				ogram
	RDX 16 #0														1D	2D	3D	Standa		WA	SDWA	
	Aanager:			_					E 401130 01058000									5 day T/	Ū.			
	13000 W				-	ity, State, Zip: Carlsbad, NM, 88	3220	-		-		Analy	sis ar	nd Me	thod	-	-		_		_	RCRA
	e, Zip_Oc		79765			hone: 575-885-7502		-	19	1.1							1		-			_
	32-541-7		-			mail: jim.raley@dvn.com		-	801										and a		ate	mul
Email: D	evon-team	n@etecn	env.com	1.		VO: 21191055		-	D to				1.1	1 1					NM	COUT	AZ	TX
Collecte	by: Edyt	e Konan			1	ncident ID; nAPP2316445941		5	TPH GIO/DRO/DRO/DRE HA	1208	8260	6010	Chioride 300.0			NN .		×	*			
Time Sampled	Date Sampled	Matrix	No. 01 Containers	Sample ID			Lab Number	Depthift.)	TPH GR	BTEX by 8021	VOC b/ 8260	Metals 6010	Chiorid			BGDOC		GOOC		Ren	narks	
10:00	01.17.24	5	1			FS03	1 -	0.25								x						
10:10	01.17.24	s	1			F504	2	0.25		11	1	ī		1		x		Г				
10:20	01.17.24	5	1			FS05	3	0.25	•							x	Ū.					
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	<u> </u>			-	_					_		-										
		_	-														1					
/																						
Addition	al Instruc	tions:																				
				ticity of this sample may be grounds fo		are that tampering with or intentionally mis on. Sempled by: CK	labelling the sam	ple loca	tion,										ceived on ice t less than 6 °C c			iled or
1	d by. (Signa	-		122/24 11	40	Received by: (Signature)	Date 1-22-	24	1.1.1	40)	Rec	eivec	d on i	ce:		b Us / N	se On	ly			
mid	the signa	sit	Date	1224 6	630	Received by: (Signature)	Date 1-22	24	Time	73	ь	T1				TZ		-	T3	~	-	
e la be	d by: (Signa	USDo	Date	22.24	1100	Received by: (Signature) Keytyn A Hall	Date 1.23.	24	Time	00	0	AVO	G Ten	np °C	4							
				Aqueous, O - Other			Containe			-					_		_					
				esults are reporte received by the la	d unless	other arrangements are made. Hazard	ous samples wi	II be re	turnet	to cli	ient p	r disp	used o	fatth	e cliet	it exp	ense.	Ther	eport for th	e analysis	of the	above

Envirotech Analytical Laboratory

Client:	WPX Energy - Carlsbad Da	te Received:	01/23/24	06:00		Work Order ID:	E401130
hone:		te Logged In:	01/22/24			Logged In By:	Alexa Michaels
Email:		e Date:		4 17:00 (4 da	y TAT)	<i>a</i> ,	
	<u>Custody (COC)</u>						
	he sample ID match the COC? he number of samples per sampling site location match t	he COC	Yes				
	samples dropped off by client or carrier?		Yes	C			
	the COC complete, i.e., signatures, dates/times, requested	analyses?	Yes Yes	G	urrier: Courier		
	all samples received within holding time?	anary 505:	Yes				
. were a	Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	field,	163			Commen	ts/Resolution
Sample 1	<u> Turn Around Time (TAT)</u>						
5. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample (<u>Cooler</u>						
7. Was a	sample cooler received?		Yes				
3. If yes,	was cooler received in good condition?		Yes				
9. Was th	he sample(s) received intact, i.e., not broken?		Yes				
0. Were	custody/security seals present?		No				
l1. If yes	s, were custody/security seals intact?		NA				
	he sample received on ice? If yes, the recorded temp is 4°C, i.e., Note: Thermal preservation is not required, if samples are rec minutes of sampling	eived w/i 15	Yes				
13. If no	visible ice, record the temperature. Actual sample tem	nperature: <u>4</u> °	<u>°C</u>				
	<u>Container</u>						
	aqueous VOC samples present?		No				
	VOC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	a trip blank (TB) included for VOC analyses?		NA 				
	non-VOC samples collected in the correct containers?	11 / 10	Yes				
	appropriate volume/weight or number of sample containers	collected?	Yes				
Field La		tion					
	field sample labels filled out with the minimum informa Sample ID?	auon:	Yes				
	Date/Time Collected?		Yes				
C	Collectors name?		Yes				
Sample I	Preservation						
	the COC or field labels indicate the samples were present	rved?	No				
	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved metal	ls?	No				
	ase Sample Matrix						
	the sample have more than one phase, i.e., multiphase?		No				
27, If yes	s, does the COC specify which phase(s) is to be analyzed	1?	NA				
Subconti	ract Laboratory						
	amples required to get sent to a subcontract laboratory?		No				
	a subcontract laboratory specified by the client and if so	who?	NA	Subcontr	act Lab: NA		
	-						

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



envirotech Inc.





5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

WPX Energy - Carlsbad

Project Name: RDX 16

RDX 16 #009

Work Order: E401131

Job Number: 01058-0007

Received: 1/23/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 1/29/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 1/29/24

Gilbert Moreno 5315 Buena Vista Dr Carlsbad, NM 88220

Project Name: RDX 16 #009 Workorder: E401131 Date Received: 1/23/2024 6:00:00AM

Gilbert Moreno,



Page 68 of 218

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/23/2024 6:00:00AM, under the Project Name: RDX 16 #009.

The analytical test results summarized in this report with the Project Name: RDX 16 #009 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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Michelle Golzales 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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Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
FS06 - 0.25'	5
QC Summary Data	6
QC - Volatile Organic Compounds by EPA 8260B	6
QC - Nonhalogenated Organics by EPA 8015D - GRO	7
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	8
QC - Anions by EPA 300.0/9056A	9
Definitions and Notes	10
Chain of Custody etc.	11

		Sample Sum	mary		
WPX Energy - Carlsbad		Project Name:			Doportodi
5315 Buena Vista Dr		Project Number:	01058-0007		Reported:
Carlsbad NM, 88220		Project Manager:	Gilbert Moreno		01/29/24 15:43
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS06 - 0.25'	E401131-01A	Soil	01/17/24	01/23/24	Glass Jar, 2 oz.



		L					
WPX Energy - Carlsbad	Project Name:	: RD2	X 16 #009				
5315 Buena Vista Dr	Project Numb	er: 010:	58-0007				Reported:
Carlsbad NM, 88220	Project Manag	ger: Gilb	ert Moreno	1			1/29/2024 3:43:50PM
]	FS06 - 0.25'					
		E401131-01					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: R/	AS		Batch: 2404041
Benzene	ND	0.0250	1	1	01/24/24	01/25/24	
Ethylbenzene	ND	0.0250	1	1	01/24/24	01/25/24	
Toluene	0.0375	0.0250	1	1	01/24/24	01/25/24	
p-Xylene	ND	0.0250	1	1	01/24/24	01/25/24	
o,m-Xylene	ND	0.0500	1	1	01/24/24	01/25/24	
Fotal Xylenes	ND	0.0250	1	1	01/24/24	01/25/24	
Surrogate: Bromofluorobenzene		96.3 %	70-130		01/24/24	01/25/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		01/24/24	01/25/24	
Surrogate: Toluene-d8		89.3 %	70-130		01/24/24	01/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: R/	AS		Batch: 2404041
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	01/24/24	01/25/24	
Surrogate: Bromofluorobenzene		96.3 %	70-130		01/24/24	01/25/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		01/24/24	01/25/24	
Surrogate: Toluene-d8		89.3 %	70-130		01/24/24	01/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: Kl	M		Batch: 2404047
Diesel Range Organics (C10-C28)	230	25.0	1	1	01/25/24	01/26/24	
Dil Range Organics (C28-C36)	296	50.0	1	1	01/25/24	01/26/24	
Surrogate: n-Nonane		116 %	50-200		01/25/24	01/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: D	Г		Batch: 2404044
Chloride	909	20.0	1	1	01/25/24	01/25/24	



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr		Project Name: Project Number:		OX 16 #009 058-0007					Reported:
Carlsbad NM, 88220		Project Manager:		lbert Moreno					1/29/2024 3:43:50PM
		Volatile Organic	Compou	inds by EPA	A 8260E	3			Analyst: RAS
Analyte		Reporting	Spike	Source		Rec		RPD	
	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2404041-BLK1)							Prepared: 0	1/24/24 A	nalyzed: 01/25/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Foluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.482		0.500		96.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.516		0.500		103	70-130			
Surrogate: Toluene-d8	0.310		0.500		89.3	70-130			
-	0.447		0.000		07.0	. 5-150			
LCS (2404041-BS1)							Prepared: 0	1/24/24 A	nalyzed: 01/25/24
Benzene	2.90	0.0250	2.50		116	70-130			
Ethylbenzene	2.48	0.0250	2.50		99.1	70-130			
Foluene	2.43	0.0250	2.50		97.0	70-130			
p-Xylene	2.39	0.0250	2.50		95.7	70-130			
p,m-Xylene	4.69	0.0500	5.00		93.7	70-130			
Fotal Xylenes	7.08	0.0250	7.50		94.4	70-130			
Surrogate: Bromofluorobenzene	0.490		0.500		98.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.513		0.500		103	70-130			
Surrogate: Toluene-d8	0.445		0.500		88.9	70-130			
Matrix Spike (2404041-MS1)				Source: E	2401150-0)1	Prepared: 0	1/24/24 A	nalyzed: 01/25/24
Benzene	2.99	0.0250	2.50	ND	119	48-131			
Ethylbenzene	2.53	0.0250	2.50	ND	101	45-135			
Foluene	2.48	0.0250	2.50	ND	99.3	48-130			
p-Xylene	2.47	0.0250	2.50	ND	98.6	43-135			
o,m-Xylene	4.80	0.0500	5.00	ND	96.0	43-135			
Fotal Xylenes	7.26	0.0250	7.50	ND	96.9	43-135			
Surrogate: Bromofluorobenzene	0.492		0.500		98.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.514		0.500		103	70-130			
Surrogate: Toluene-d8	0.442		0.500		88.4	70-130			
Matrix Spike Dup (2404041-MSD1)				Source: E	401150-0)1	Prepared: 0	1/24/24 A	nalyzed: 01/25/24
	2.96	0.0250	2.50	ND	118	48-131	1.01	23	
Benzene	2.49	0.0250	2.50	ND	99.8	45-135	1.57	27	
Benzene Ethylbenzene			2.50	ND	97.0	48-130	2.40	24	
	2.42	0.0250				43-135	1.68	27	
Ethylbenzene		0.0250 0.0250	2.50	ND	97.0	45-155	1.00		
Ethylbenzene Foluene	2.42		2.50 5.00	ND ND	97.0 94.5	43-135	1.51	27	
Ethylbenzene Foluene >-Xylene	2.42 2.43	0.0250							
Ethylbenzene Foluene o-Xylene o,m-Xylene	2.42 2.43 4.73	0.0250 0.0500	5.00	ND	94.5	43-135	1.51	27	
Ethylbenzene Foluene >-Xylene o,m-Xylene Fotal Xylenes	2.42 2.43 4.73 7.15	0.0250 0.0500	5.00 7.50	ND	94.5 95.4	43-135 43-135	1.51	27	


QC Summary Data

		QC SI	umma	ily Data					
WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	0	DX 16 #009 1058-0007 ilbert Moreno					Reported: 1/29/2024 3:43:50PM
	N	onhalogenated O	rganics	by EPA 801	5D - GR	0			Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2404041-BLK1)							Prepared: 0	1/24/24	Analyzed: 01/25/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.482		0.500		96.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.516		0.500		103	70-130			
Surrogate: Toluene-d8	0.447		0.500		89.3	70-130			
LCS (2404041-BS2)							Prepared: 0	1/24/24	Analyzed: 01/25/24
Gasoline Range Organics (C6-C10)	43.1	20.0	50.0		86.2	70-130			
Surrogate: Bromofluorobenzene	0.490		0.500		97.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.516		0.500		103	70-130			
Surrogate: Toluene-d8	0.447		0.500		89.3	70-130			
Matrix Spike (2404041-MS2)				Source: H	2401150-01		Prepared: 0	1/24/24	Analyzed: 01/25/24
Gasoline Range Organics (C6-C10)	43.1	20.0	50.0	ND	86.2	70-130			
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.529		0.500		106	70-130			
Surrogate: Toluene-d8	0.445		0.500		88.9	70-130			
Matrix Spike Dup (2404041-MSD2)				Source: H	2401150-01		Prepared: 0	1/24/24	Analyzed: 01/25/24
Gasoline Range Organics (C6-C10)	43.4	20.0	50.0	ND	86.8	70-130	0.644	20	
Surrogate: Bromofluorobenzene	0.493		0.500		98.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.522		0.500		104	70-130			
Surrogate: Toluene-d8	0.448		0.500		89.5	70-130			



QC Summary Data

		VC S	u1111116	ary Data					
WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	0	DX 16 #009 1058-0007 iilbert Moreno					Reported: 1/29/2024 3:43:50PM
	Nonh	alogenated Org	anics by	EPA 8015D	- DRO	/ORO			Analyst: KM
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2404047-BLK1)							Prepared: 0	1/25/24 A	analyzed: 01/26/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.4		50.0		109	50-200			
LCS (2404047-BS1)							Prepared: 0	1/25/24 A	analyzed: 01/26/24
Diesel Range Organics (C10-C28)	255	25.0	250		102	38-132			
Surrogate: n-Nonane	59.6		50.0		119	50-200			
Matrix Spike (2404047-MS1)				Source: E	401155-0	03	Prepared: 0	1/25/24 A	analyzed: 01/26/24
Diesel Range Organics (C10-C28)	259	25.0	250	ND	104	38-132			
Surrogate: n-Nonane	58.0		50.0		116	50-200			
Matrix Spike Dup (2404047-MSD1)				Source: E	401155-0	03	Prepared: 0	1/25/24 A	analyzed: 01/26/24
Diesel Range Organics (C10-C28)	264	25.0	250	ND	106	38-132	1.77	20	
Surrogate: n-Nonane	57.2		50.0		114	50-200			



QC Summary Data

		C		J					
WPX Energy - Carlsbad		Project Name:	F	RDX 16 #009					Reported:
5315 Buena Vista Dr		Project Number:	C	01058-0007					
Carlsbad NM, 88220		Project Manager	: 0	Gilbert Moreno					1/29/2024 3:43:50PM
		Anions	by EPA	300.0/9056	4				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2404044-BLK1)							Prepared: 0	1/25/24 A	Analyzed: 01/25/24
Chloride	ND	20.0							
LCS (2404044-BS1)							Prepared: 0	1/25/24 A	Analyzed: 01/25/24
Chloride	248	20.0	250		99.2	90-110			
Matrix Spike (2404044-MS1)				Source:	E401155-()4	Prepared: 0	1/25/24 A	Analyzed: 01/25/24
Chloride	248	20.0	250	ND	99.1	80-120			
Matrix Spike Dup (2404044-MSD1)				Source:	E401155-0)4	Prepared: 0	1/25/24 A	Analyzed: 01/25/24
Chloride	249	20.0	250	ND	99.6	80-120	0.451	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.



_		Dennitions		
Γ	WPX Energy - Carlsbad	Project Name:	RDX 16 #009	
	5315 Buena Vista Dr	Project Number:	01058-0007	Reported:
	Carlsbad NM, 88220	Project Manager:	Gilbert Moreno	01/29/24 15:43

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.





Project Information

Chain of Custody

Page _1_ _of _1

		y Permia	in, LLC.			Bill To						e On				_		AT			rogram	
	RDX 16 #0					Attention: Jim Raley		Lab	NO#	61131			Num) 2[) 3D	2.2	Standard	CWA	SDWA	
	Aanager:					Address: 5315 Buena Vista Dr.	20	EL	01	13				.600				50	ay TAT		DCDA	
	13000 W					City, State, Zip: Carlsbad, NM, 882 Phone: 575-885-7502	20	-	-	-	,	Analy	sis an	d Met	thod	-	-	-		-	RCRA	
	te, Zip_Oc 32-541-7		79765					-	12		-								P	State		
	evon-tear		any com			mail: jim.raley@dvn.com NO: 21191055	-	-	y 80										NMI CO	UT AZ	TX	
inan. D	evon-tear	nevereen	env.com	-		ncident ID: nAPP2316445941		1	ROB										INIVI CO	UT AL		
Collecte	d by: Edyt	e Konan				ncident 10. hAPP2316445941		7	TPH GRO/DRO/ORO by 8015	8021	8260	010	300.0		-		X		×			
Time Sampled	Date Sampled	Matrix	x No. of Containers Sample ID				Lab Number	Depth(ft.)	TPH GRO	BTEX by 8021	VOC by 8260	Metals (Metals 6010	Chloride 300.0			BGDOC	GDOC			Remarks	
10:30	01.17.24	5	1			FS06	1	0.25							3	(-			
																					_	
													/	-								
									-	/												
							/															
						61127424																
					-																	
				1																		
		1																				
	/			1																		
Addition	al Instruc	tions:						3														
				ticity of this sai may be ground		vare that tampering with or intentionally misla ion. Sampled by: EK	beiling the sam	ple locat	ion,										on ice the day an 6 °C on sub	y they are sam sequent days.	pled or	
Relinquish	ed by: (Sign:	ature)	Date D()	22/24	Time 11:540	Received by: (Signature)	Date 1-22-a	14	Time	40)	Rec	eivec	on ic		Lab	Use Or N	ly		-		
Relinquish	ed by: (Sign	sture)	Date [-		Time 30	Received by: (Signature)	Date 1-22-2	4	Time	73	0	T1			_ T				<u>T3</u>			
Relinquish	d by: (Signa	ature)	Date	22.24	14co	Received by: (Signature)	Date 1-28-	24	Time	6	20	AVO	Tem	p°C_	4							
ample Mat	rix: S - Soil, Si	d - Solid, Sg -	Sludge, A -	Aqueous, O - O	ther		Containe	Type								glass,	v - VO	A				
Note: Sam	ples are disc	arded 30 d	ays after re	esults are repr	orted unless	other arrangements are made. Hazardoi													for the ana	alysis of the	above	

Envirotech Analytical Laboratory

nstructions	: Please take note of any NO checkmarks.	Sample	Receipt	Checklist (SRC)		
we receive	e no response concerning these items within 24 hours of the	date of this not	ice, all the	samples will be analyzed as	requested.	
Client:	WPX Energy - Carlsbad D	ate Received:	01/23/24	06:00	Work Order ID:	E401131
Phone:	(539) 573-4018 D	ate Logged In:	01/22/24	15:55	Logged In By:	Alexa Michaels
Email:	devon-team@ensolum.com D	ue Date:	01/29/24	17:00 (4 day TAT)		
Chain o	f Custody (COC)					
1. Does	the sample ID match the COC?		Yes			
2. Does	the number of samples per sampling site location match	the COC	Yes			
3. Were	samples dropped off by client or carrier?		Yes	Carrier: Courier		
4. Was th	he COC complete, i.e., signatures, dates/times, requested	l analyses?	Yes			
5. Were	all samples received within holding time?		Yes			
	Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	e field,			Commen	ts/Resolution
Samnle	Turn Around Time (TAT)					
	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample	· 1					
	sample cooler received?		Yes			
	, was cooler received in good condition?		Yes			
9. Was tl	he sample(s) received intact, i.e., not broken?		Yes			
	e custody/security seals present?		No			
	s, were custody/security seals intact?		NA			
•	he sample received on ice? If yes, the recorded temp is 4°C, i.e.	6°+2°C	Yes			
121 1143 1	Note: Thermal preservation is not required, if samples are re		165			
	minutes of sampling					
13. If no	visible ice, record the temperature. Actual sample ter	nperature: <u>4</u> °	<u>°C</u>			
	<u>Container</u>					
	aqueous VOC samples present?		No			
	VOC samples collected in VOA Vials?		NA			
	e head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?		NA			
	non-VOC samples collected in the correct containers?		Yes			
	appropriate volume/weight or number of sample containers	s collected?	Yes			
Field La						
	e field sample labels filled out with the minimum inform Sample ID?	ation:	Vac			
	Date/Time Collected?		Yes Yes			
	Collectors name?		Yes			
Sample	Preservation		120			
	s the COC or field labels indicate the samples were press	erved?	No			
	sample(s) correctly preserved?		NA			
	h filteration required and/or requested for dissolved meta	ıls?	No			
Multiph	ase Sample Matrix					
	the sample have more than one phase, i.e., multiphase?		No			
	s, does the COC specify which phase(s) is to be analyze		NA			
Subcont	ract Laboratory					
	samples required to get sent to a subcontract laboratory?		No			
	a subcontract laboratory specified by the client and if so		NA	Subcontract Lab: NA		
<u>Client l</u>	Instruction					







5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

WPX Energy - Carlsbad

Project Name: RDX 1

RDX 16 #009

Work Order:	E401132
	L+01102

Job Number: 01058-0007

Received: 1/23/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 1/29/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 1/29/24

Gilbert Moreno 5315 Buena Vista Dr Carlsbad, NM 88220

Project Name: RDX 16 #009 Workorder: E401132 Date Received: 1/23/2024 6:00:00AM

Gilbert Moreno,



Page 80 of 218

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/23/2024 6:00:00AM, under the Project Name: RDX 16 #009.

The analytical test results summarized in this report with the Project Name: RDX 16 #009 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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Michelle Golzales 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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Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
FS07 0.25'	5
QC Summary Data	6
QC - Volatile Organics by EPA 8021B	6
QC - Nonhalogenated Organics by EPA 8015D - GRO	7
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	8
QC - Anions by EPA 300.0/9056A	9
Definitions and Notes	10
Chain of Custody etc.	11

		Sample Sum	mary		
WPX Energy - Carlsbad		Project Name:	RDX 16 #009		Depented
5315 Buena Vista Dr		Project Number:	01058-0007		Reported:
Carlsbad NM, 88220		Project Manager:	Gilbert Moreno		01/29/24 09:40
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS07 0.25'	E401132-01A	Soil	01/17/24	01/23/24	Glass Jar, 2 oz.



	56	ampic D	ala			
WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Project Numbe Project Manag	er: 010:	X 16 #009 58-0007 eert Moreno			Reported: 1/29/2024 9:40:40AN
]	FS07 0.25'				
		E401132-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	ıt: EG		Batch: 2404028
Benzene	ND	0.0250	1	01/23/24	01/24/24	
Ethylbenzene	ND	0.0250	1	01/23/24	01/24/24	
Toluene	0.0283	0.0250	1	01/23/24	01/24/24	
p-Xylene	ND	0.0250	1	01/23/24	01/24/24	
p,m-Xylene	ND	0.0500	1	01/23/24	01/24/24	
Total Xylenes	ND	0.0250	1	01/23/24	01/24/24	
Surrogate: 4-Bromochlorobenzene-PID		93.3 %	70-130	01/23/24	01/24/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	ıt: EG		Batch: 2404028
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/24	01/24/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.2 %	70-130	01/23/24	01/24/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	ıt: KH		Batch: 2404034
Diesel Range Organics (C10-C28)	99.3	25.0	1	01/24/24	01/25/24	
Oil Range Organics (C28-C36)	133	50.0	1	01/24/24	01/25/24	
Surrogate: n-Nonane		83.1 %	50-200	01/24/24	01/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	it: DT		Batch: 2404020
Chloride	8280	200	10	01/23/24	01/24/24	

Sample Data



QC Summary Data

	Project Name	R	DX 16 #009					Dementede
	5							Reported:
	=							1/20/2024 0.40.40.43
	Project Manager:	6	ilbert Moreno					1/29/2024 9:40:40AM
	Volatile O	rganics	by EPA 802	1 B				Analyst: EG
	Reporting	Spike	Source		Rec		RPD	
Result	Limit	Level	Result		Limits	RPD	Limit	
mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
						Prepared: 0	1/23/24 A	nalyzed: 01/23/24
ND	0.0250							
ND	0.0250							
ND	0.0250							
ND	0.0250							
ND	0.0500							
ND	0.0250							
7.77		8.00		97.1	70-130			
						Prepared: 0	1/23/24 A	nalyzed: 01/24/24
4.41	0.0250	5.00		88.2	70-130			
4.32	0.0250	5.00		86.5	70-130			
4.39	0.0250	5.00		87.7	70-130			
4.35	0.0250	5.00		87.0	70-130			
8.81	0.0500	10.0		88.1	70-130			
13.2	0.0250	15.0		87.8	70-130			
7.71		8.00		96.4	70-130			
			Source: 1	E401126-(08	Prepared: 0	1/23/24 A	nalyzed: 01/24/24
4.87	0.0250	5.00	ND	97.4	54-133			
4.77	0.0250	5.00	ND	95.4	61-133			
4.84	0.0250	5.00	ND	96.8	61-130			
4.79	0.0250	5.00	ND	95.9	63-131			
9.69	0.0500	10.0	ND	96.9	63-131			
14.5	0.0250	15.0	ND	96.6	63-131			
7.71		8.00		96.4	70-130			
			Source: 1	E 401126- (08	Prepared: 0	1/23/24 A	nalyzed: 01/24/24
5.05	0.0250	5.00	ND	101	54-133	3.67	20	
4.97	0.0250	5.00	ND	99.3	61-133	3.99	20	
5.03	0.0250	5.00	ND	101	61-130	3.78	20	
4.98	0.0250	5.00	ND	99.5	63-131	3.73	20	
10.1	0.0500	10.0	ND	101	63-131	3.98	20	
15.1	0.0250	15.0	ND	100	63-131	3.90	20	
	ND ND ND ND ND ND ND 7.77 4.41 4.32 4.39 4.35 8.81 13.2 7.71 4.87 4.77 4.84 4.79 9.69 14.5 7.71 5.05 4.97 5.03 4.98 10.1	Result mg/kg Reporting Limit mg/kg ND 0.0250 7.77	Project Number: 0 Project Number: 0 Project Manager: C Volatile Organics Spike Result Reporting Spike mg/kg mg/kg mg/kg ND 0.0250 mg/kg ND 0.0250 ND ND 0.0250 S.00 A.32 0.0250 5.00 4.33 0.0250 5.00 4.34 0.0250 5.00 4.35 0.0250 5.00 4.36 0.0250 5.00 4.37 0.0250 5.00 4.38 0.0500 10.0 13.2 0.0250 5.00 4.79 0.0250 5.00 4.79 0.0250 5.00 4.79 0.0250 5.00 4.79 <td>Project Number: 01058-0007 Project Manager: Gilbert Moreno Volatile Organics by EPA 802 Result Spike Source Result mg/kg mg/kg mg/kg ND 0.0250 mg/kg 100 0.0250 mg/kg 100 0.0250 mg/kg 101 0.0250 mg/kg</td> <td>Project Number: 01058-0007 Project Manager: Gilbert Moreno Volatile Organics by EPA 8021B Result Reporting mg/kg Spike mg/kg Source Result Rec ND 0.0250 mg/kg mg/kg % ND 0.0250 mg/kg mg/kg % ND 0.0250 mg/kg % ND 0.0250 mg/kg % ND 0.0250 mg/kg % ND 0.0250 mg/kg % A41 0.0250 sec sec 4.41 0.0250 sec sec 4.32 0.0250 sec sec 4.33 0.0250 sec sec 4.32 0.0250 sec sec 4.33 0.0250 sec sec 4.41 0.0500 sec sec 4.43 0.0250 s.00 sec 5.00 sec sec sec <tr< td=""><td>Project Number: 01058-0007 Project Manager: Gilbert Moreno Volatile Organics by EPA 8021B Result Reporting mg/kg Spike mg/kg Source Result Rec Limits ND 0.0250 mg/kg mg/kg % % ND 0.0250 seath Kee Limits ND 0.0250 seath Kee Kee A441 0.0250 seath Kee Kee 4.41 0.0250 seath Kee Kee 4.32 0.0250 5.00 88.2 70-130 4.33 0.0250 5.00 87.7 70-130 4.34 0.0250 5.00 87.8 70-130 3.2 0.0250 5.00 ND 95.4 61-133 4.441 0.0</td><td>Project Number: 01058-0007 Project Manager: Gilbert Moreno Volatile Organics by EPA 8021B Result Reporting mg/kg Spike mg/kg Source Result Rec Limits RPD mg/kg mg/kg mg/kg % % % ND 0.0250 mg/kg % % % ND 0.0250 not set to the set t</td><td>ND Spike Source Rec Rec Rec Rec Rec Rec Rec Rec Res RPD Limit mg/kg mg/kg mg/kg mg/kg mg/kg % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % %</td></tr<></td>	Project Number: 01058-0007 Project Manager: Gilbert Moreno Volatile Organics by EPA 802 Result Spike Source Result mg/kg mg/kg mg/kg ND 0.0250 mg/kg 100 0.0250 mg/kg 100 0.0250 mg/kg 101 0.0250 mg/kg	Project Number: 01058-0007 Project Manager: Gilbert Moreno Volatile Organics by EPA 8021B Result Reporting mg/kg Spike mg/kg Source Result Rec ND 0.0250 mg/kg mg/kg % ND 0.0250 mg/kg mg/kg % ND 0.0250 mg/kg % ND 0.0250 mg/kg % ND 0.0250 mg/kg % ND 0.0250 mg/kg % A41 0.0250 sec sec 4.41 0.0250 sec sec 4.32 0.0250 sec sec 4.33 0.0250 sec sec 4.32 0.0250 sec sec 4.33 0.0250 sec sec 4.41 0.0500 sec sec 4.43 0.0250 s.00 sec 5.00 sec sec sec <tr< td=""><td>Project Number: 01058-0007 Project Manager: Gilbert Moreno Volatile Organics by EPA 8021B Result Reporting mg/kg Spike mg/kg Source Result Rec Limits ND 0.0250 mg/kg mg/kg % % ND 0.0250 seath Kee Limits ND 0.0250 seath Kee Kee A441 0.0250 seath Kee Kee 4.41 0.0250 seath Kee Kee 4.32 0.0250 5.00 88.2 70-130 4.33 0.0250 5.00 87.7 70-130 4.34 0.0250 5.00 87.8 70-130 3.2 0.0250 5.00 ND 95.4 61-133 4.441 0.0</td><td>Project Number: 01058-0007 Project Manager: Gilbert Moreno Volatile Organics by EPA 8021B Result Reporting mg/kg Spike mg/kg Source Result Rec Limits RPD mg/kg mg/kg mg/kg % % % ND 0.0250 mg/kg % % % ND 0.0250 not set to the set t</td><td>ND Spike Source Rec Rec Rec Rec Rec Rec Rec Rec Res RPD Limit mg/kg mg/kg mg/kg mg/kg mg/kg % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % %</td></tr<>	Project Number: 01058-0007 Project Manager: Gilbert Moreno Volatile Organics by EPA 8021B Result Reporting mg/kg Spike mg/kg Source Result Rec Limits ND 0.0250 mg/kg mg/kg % % ND 0.0250 seath Kee Limits ND 0.0250 seath Kee Kee A441 0.0250 seath Kee Kee 4.41 0.0250 seath Kee Kee 4.32 0.0250 5.00 88.2 70-130 4.33 0.0250 5.00 87.7 70-130 4.34 0.0250 5.00 87.8 70-130 3.2 0.0250 5.00 ND 95.4 61-133 4.441 0.0	Project Number: 01058-0007 Project Manager: Gilbert Moreno Volatile Organics by EPA 8021B Result Reporting mg/kg Spike mg/kg Source Result Rec Limits RPD mg/kg mg/kg mg/kg % % % ND 0.0250 mg/kg % % % ND 0.0250 not set to the set t	ND Spike Source Rec Rec Rec Rec Rec Rec Rec Rec Res RPD Limit mg/kg mg/kg mg/kg mg/kg mg/kg % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % %



QC Summary Data

		QC 5	uIIIIIi	ary Data					
WPX Energy - Carlsbad 5315 Buena Vista Dr		Project Name: Project Number:	0	DX 16 #009 1058-0007					Reported:
Carlsbad NM, 88220		Project Manager:	G	ilbert Moreno					1/29/2024 9:40:40AM
	No	nhalogenated O	Organics	by EPA 801	5D - Gl	RO			Analyst: EG
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2404028-BLK1)							Prepared: 0	1/23/24 A	analyzed: 01/23/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.45		8.00		93.2	70-130			
LCS (2404028-BS2)							Prepared: 0	1/23/24 A	analyzed: 01/24/24
Gasoline Range Organics (C6-C10)	46.5	20.0	50.0		93.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.59		8.00		94.9	70-130			
Matrix Spike (2404028-MS2)				Source: F	401126-0	08	Prepared: 0	1/23/24 A	malyzed: 01/24/24
Gasoline Range Organics (C6-C10)	45.6	20.0	50.0	ND	91.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.68		8.00		96.1	70-130			
Matrix Spike Dup (2404028-MSD2)				Source: E	401126-0	08	Prepared: 0	1/23/24 A	analyzed: 01/24/24
Gasoline Range Organics (C6-C10)	48.6	20.0	50.0	ND	97.2	70-130	6.44	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.71		8.00		96.3	70-130			



QC Summary Data

		QC S	umm	aly Data					
WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	C	RDX 16 #009 01058-0007 Gilbert Moreno					Reported: 1/29/2024 9:40:40AM
	Nonh	alogenated Org	anics by	F 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
Blank (2404034-BLK1)							Prepared: 0	1/24/24 A	analyzed: 01/24/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	43.0		50.0		86.1	50-200			
LCS (2404034-BS1)							Prepared: 0	1/24/24 A	analyzed: 01/24/24
Diesel Range Organics (C10-C28)	197	25.0	250		78.8	38-132			
Surrogate: n-Nonane	42.5		50.0		85.0	50-200			
Matrix Spike (2404034-MS1)				Source: F	401130-0	01	Prepared: 0	1/24/24 A	analyzed: 01/24/24
Diesel Range Organics (C10-C28)	490	25.0	250	357	53.3	38-132			
Surrogate: n-Nonane	39.2		50.0		78.4	50-200			
Matrix Spike Dup (2404034-MSD1)				Source: E	2401130-0	01	Prepared: 0	1/24/24 A	analyzed: 01/24/24
Diesel Range Organics (C10-C28)	565	25.0	250	357	83.2	38-132	14.2	20	
Surrogate: n-Nonane	42.7		50.0		85.5	50-200			



QC Summary Data

		L L		v					
WPX Energy - Carlsbad		Project Name:	R	DX 16 #009					Reported:
5315 Buena Vista Dr		Project Number:	01	058-0007					-
Carlsbad NM, 88220		Project Manager	:: G	ilbert Moreno					1/29/2024 9:40:40AM
		Anions	by EPA 3	300.0/9056 <i>A</i>	4				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2404020-BLK1)							Prepared: 0	1/23/24 A	analyzed: 01/23/24
Chloride	ND	20.0							
LCS (2404020-BS1)							Prepared: 0	1/23/24 A	analyzed: 01/23/24
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2404020-MS1)				Source:	E401125-0	02	Prepared: 0	1/23/24 A	analyzed: 01/23/24
Chloride	255	20.0	250	ND	102	80-120			
Matrix Spike Dup (2404020-MSD1)				Source:	E401125-0	02	Prepared: 0	1/23/24 A	analyzed: 01/23/24
Chloride	252	20.0	250	ND	101	80-120	0.906	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.



_		2 thintions		
ſ	WPX Energy - Carlsbad	Project Name:	RDX 16 #009	
	5315 Buena Vista Dr	Project Number:	01058-0007	Reported:
	Carlsbad NM, 88220	Project Manager:	Gilbert Moreno	01/29/24 09:40

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.



Project Information

Chain of Custody

Page _1_ of

		y Permia	n, LLC.					Bill To			20				e On						AT			rogram
	DX 16 #0						n: Jim Ra				Lab	NO#		-	Job	Num	ber	1	D 20) 3D		andard	CWA	SDWA
	lanager:							Jena Vist			EL	61	13	2	61	059	SCO	100			50	ay TAT		
	13000 W							arlsbad,	VM, 8822	20			-	- 1	Analy	sis an	d Met	thod	-	-	_			RCRA
	e, Zip_Oo		79765	_			575-885-			-	- 11	10	10								111			
	32-541-7							dvn.com	h		_	801										-	State	
Email: De	von tear	n@etech	env.com		-	WO: 21		_			-	Oby										NM CO	UT AZ	TX
						Incident	ID: nAPP	23164459	41			/OR												
Collector	by: Edyt	Kanan										DRO	021	560	9	0.00			MN	×				
Time	Date	1	No. of	1	1					Lab	H(ft.)	GRO/	8 ÅC	by 82	ls 60	ide 3			S			×		
Sampled	Sampled	Matrix	Containers	Sample II	D					Numbe	Depth(ft.)	TPH GRO/DRO/ORO EV B015	BTEX 59 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC	GDOC			Remarks	
10:40	01.17.24	s	1			E	507			1	0.25		-	-					x					
10.40	V1.17.24	3		-		15				1	0.20	-	_				-	- 1	^			-		
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Addition	al Instruc	tions:																						
(field same	ler), attest to	the validity	and authen	ticity of this s	ample: Lam	aware that t	ampering wi	ith or intentio	inally mislat	elling the sar	nole locat	lon.		-	Sample	es requi	ing ther	mal pre	ervation	must be r	eceived	on ice the da	they are sam	pled or
				may be groun				pled by: E	<						receive	ed packs	d in ice	at an av	; temp a	bove 0 but	t less th	an 6 "C on sub	sequent days	
Relinquish	d þy: (Signa	ture)	Date	1 1 A 1 A	Time		ived by: (S		0	Date		Time								Use Or	nly			
T	HF.		Oll	22/40	11 340		nall		P	1-22-	14		40		Rec	eived	on ic	e:	Q1	N				
Relinquishe	d by: (Signa		Date	12-24	Time 20	Rece	yed by: (Si	ignature)	Y	Date		Time	72											
mu	mu i	sup	10	stat	1630		noter	Als	6		2.24	11	()	0	<u>T1</u>	-		_ 1	2	-	_	<u>T3</u>		
Relinquish	d by: (Signa	ture)	Date	122.	Time		ived by: (S			Date	- 11	Time						-						
And	en a	Alto	1-	11.14	240	DK	up gh	RH	all	1.23						Tem			-					
				Aqueous, O - (11			Containe		_						_		_	_	1 11	1.1	
Note: 5ami				esults are rep				liability of					to clie			psed of		client	expens	e. The	report	for the an	alysis of the	apove

Envirotech Analytical Laboratory

					· ·		
structions	s: Please take note of any NO checkmarks.	Sample	Receipt	: Checklist (SRC)		
	e no response concerning these items within 24 hours of the c	date of this not	tice, all the	e samples will	be analyzed as req	uested.	
Client:	WPX Energy - Carlsbad Da	ate Received:	01/23/24	4 06:00		Work Order ID:	E401132
Phone:	(539) 573-4018 Da	ate Logged In:	01/22/24	4 15:56		Logged In By:	Alexa Michaels
Email:	devon-team@ensolum.com Du	le Date:	01/29/24	4 17:00 (4 day	TAT)		
Chain of	f Custody (COC)						
	the sample ID match the COC?		Yes				
	the number of samples per sampling site location match	the COC	Yes				
3. Were	samples dropped off by client or carrier?		Yes	Car	rier: <u>Courier</u>		
4. Was th	he COC complete, i.e., signatures, dates/times, requested	l analyses?	Yes		<u></u>		
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes			Commen	ts/Resolution
Sample '	Turn Around Time (TAT)						
6. Did th	ne COC indicate standard TAT, or Expedited TAT?		Yes				
Sample	Cooler						
7. Was a	sample cooler received?		Yes				
8. If yes,	, was cooler received in good condition?		Yes				
9. Was tl	he sample(s) received intact, i.e., not broken?		Yes				
10. Were	e custody/security seals present?		No				
11. If ye	s, were custody/security seals intact?		NA				
	the sample received on ice? If yes, the recorded temp is 4°C, i.e., Note: Thermal preservation is not required, if samples are rec minutes of sampling	ceived w/i 15	Yes				
13. lf no	visible ice, record the temperature. Actual sample ten	nperature: <u>4</u>	<u>°C</u>				
	Container						
	aqueous VOC samples present?		No				
	VOC samples collected in VOA Vials?		NA				
	e head space less than 6-8 mm (pea sized or less)?		NA				
	a trip blank (TB) included for VOC analyses?		NA				
	non-VOC samples collected in the correct containers?	11	Yes				
	e appropriate volume/weight or number of sample containers	collected?	Yes				
Field La		ations					
	e field sample labels filled out with the minimum informa Sample ID?	auon.	Yes				
	Date/Time Collected?		Yes				
(Collectors name?		Yes				
	Preservation						
21. Does	s the COC or field labels indicate the samples were prese	rved?	No				
	sample(s) correctly preserved?		NA				
24. Is lat	b filteration required and/or requested for dissolved meta	ıls?	No				
Multiph	nase Sample Matrix						
26, Does	s the sample have more than one phase, i.e., multiphase?		No				
27, If ye	s, does the COC specify which phase(s) is to be analyzed	d?	NA				
Subcont	tract Laboratory						
-	samples required to get sent to a subcontract laboratory?		No				
	a subcontract laboratory specified by the client and if so		NA	Subcontrac	rt Lab: NA		
	Instruction						

Date

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





5796 U.S. Hwy 64 Farmington, NM 87401

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





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Practical Solutions for a Better Tomorrow

Analytical Report

WPX Energy - Carlsbad

Project Name: RDX 10

RDX 16 #009

Work Order: E401133

Job Number: 01058-0007

Received: 1/23/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 1/29/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 1/29/24

Gilbert Moreno 5315 Buena Vista Dr Carlsbad, NM 88220

Project Name: RDX 16 #009 Workorder: E401133 Date Received: 1/23/2024 6:00:00AM

Gilbert Moreno,



Page 92 of 218

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/23/2024 6:00:00AM, under the Project Name: RDX 16 #009.

The analytical test results summarized in this report with the Project Name: RDX 16 #009 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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Envirotech Web Address: www.envirotech-inc.com

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Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
FS08 0.25'	5
FS09 0.25'	6
FS10 0.25'	7
FS11 0.25'	8
FS12 0.25'	9
FS13 0.25'	10
QC Summary Data	11
QC - Volatile Organics by EPA 8021B	11
QC - Nonhalogenated Organics by EPA 8015D - GRO	12
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	13
QC - Anions by EPA 300.0/9056A	14
Definitions and Notes	15
Chain of Custody etc.	16

Sample Summary

Page 94 of 218

		Sample Sum	mai y		
WPX Energy - Carlsbad		Project Name:	RDX 16 #009		Reported:
5315 Buena Vista Dr		Project Number:	01058-0007		reporteut
Carlsbad NM, 88220		Project Manager:	Gilbert Moreno		01/29/24 09:53
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS08 0.25'	E401133-01A	Soil	01/17/24	01/23/24	Glass Jar, 2 oz.
FS09 0.25'	E401133-02A	Soil	01/17/24	01/23/24	Glass Jar, 2 oz.
FS10 0.25'	E401133-03A	Soil	01/17/24	01/23/24	Glass Jar, 2 oz.
FS11 0.25'	E401133-04A	Soil	01/17/24	01/23/24	Glass Jar, 2 oz.
FS12 0.25'	E401133-05A	Soil	01/17/24	01/23/24	Glass Jar, 2 oz.
FS13 0.25'	E401133-06A	Soil	01/17/24	01/23/24	Glass Jar, 2 oz.



	5	imple D	aca			
WPX Energy - Carlsbad	Project Name:		X 16 #009			
5315 Buena Vista Dr	Project Numbe		58-0007			Reported:
Carlsbad NM, 88220	Project Manag	ger: Gilb	ert Moreno			1/29/2024 9:53:28AM
		FS08 0.25'				
		E401133-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: BA		Batch: 2404031
Benzene	ND	0.0250	1	01/23/24	01/25/24	
Ethylbenzene	ND	0.0250	1	01/23/24	01/25/24	
Toluene	ND	0.0250	1	01/23/24	01/25/24	
p-Xylene	ND	0.0250	1	01/23/24	01/25/24	
o,m-Xylene	ND	0.0500	1	01/23/24	01/25/24	
Total Xylenes	ND	0.0250	1	01/23/24	01/25/24	
Surrogate: 4-Bromochlorobenzene-PID		93.3 %	70-130	01/23/24	01/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: BA		Batch: 2404031
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/24	01/25/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.3 %	70-130	01/23/24	01/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KH		Batch: 2404034
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/24	01/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/24	01/24/24	
Surrogate: n-Nonane		83.0 %	50-200	01/24/24	01/24/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: IY		Batch: 2404021
Chloride	4590	40.0	2	01/23/24	01/24/24	

Sample Data



Sample Data

	Di	ample D	ala			
WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Project Numbe Project Manag	er: 010	X 16 #009 58-0007 pert Moreno			Reported: 1/29/2024 9:53:28AM
Cansoau NM, 88220			ert Moreno			1/29/2024 9.55.26AW
		FS09 0.25'				
		E401133-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2404031
Benzene	ND	0.0250	1	01/23/24	01/25/24	
Ethylbenzene	ND	0.0250	1	01/23/24	01/25/24	
Toluene	ND	0.0250	1	01/23/24	01/25/24	
p-Xylene	ND	0.0250	1	01/23/24	01/25/24	
p,m-Xylene	ND	0.0500	1	01/23/24	01/25/24	
Fotal Xylenes	ND	0.0250	1	01/23/24	01/25/24	
Surrogate: 4-Bromochlorobenzene-PID		93.6 %	70-130	01/23/24	01/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2404031
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/24	01/25/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.7 %	70-130	01/23/24	01/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2404034
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/24	01/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/24	01/24/24	
Surrogate: n-Nonane		79.5 %	50-200	01/24/24	01/24/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2404021
Chloride	1130	20.0	1	01/23/24	01/24/24	



	6	ampie D	ala			
WPX Energy - Carlsbad	Project Name	: RD2	X 16 #009			
5315 Buena Vista Dr	Project Numb	er: 010	58-0007			Reported:
Carlsbad NM, 88220	Project Mana	ger: Gilb	ert Moreno			1/29/2024 9:53:28AM
		FS10 0.25'				
		E401133-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2404031
Benzene	ND	0.0250	1	01/23/24	01/25/24	
Ethylbenzene	ND	0.0250	1	01/23/24	01/25/24	
Toluene	ND	0.0250	1	01/23/24	01/25/24	
o-Xylene	ND	0.0250	1	01/23/24	01/25/24	
p,m-Xylene	ND	0.0500	1	01/23/24	01/25/24	
Total Xylenes	ND	0.0250	1	01/23/24	01/25/24	
Surrogate: 4-Bromochlorobenzene-PID		93.2 %	70-130	01/23/24	01/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2404031
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/24	01/25/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.6 %	70-130	01/23/24	01/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2404034
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/24	01/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/24	01/24/24	
Surrogate: n-Nonane		81.5 %	50-200	01/24/24	01/24/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2404021
Chloride	782	20.0	1	01/23/24	01/24/24	



	5	ample D	ala			
WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Project Numb Project Manag	er: 010:	X 16 #009 58-0007 pert Moreno		Reported: 1/29/2024 9:53:28AM	
		FS11 0.25'				
		E401133-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: BA		Batch: 2404031
Benzene	ND	0.0250	1	01/23/24	01/25/24	
Ethylbenzene	ND	0.0250	1	01/23/24	01/25/24	
Toluene	ND	0.0250	1	01/23/24	01/25/24	
p-Xylene	ND	0.0250	1	01/23/24	01/25/24	
p,m-Xylene	ND	0.0500	1	01/23/24	01/25/24	
Fotal Xylenes	ND	0.0250	1	01/23/24	01/25/24	
Surrogate: 4-Bromochlorobenzene-PID		92.9 %	70-130	01/23/24	01/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: BA		Batch: 2404031
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/24	01/25/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.5 %	70-130	01/23/24	01/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KH		Batch: 2404034
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/24	01/24/24	
Dil Range Organics (C28-C36)	ND	50.0	1	01/24/24	01/24/24	
Surrogate: n-Nonane		76.5 %	50-200	01/24/24	01/24/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: IY		Batch: 2404021
Chloride	241	20.0	1	01/23/24	01/24/24	

Sample Data

56	ample D	ala			
Project Numbe	er: 010	58-0007			Reported:
Project Manag	er: Gilb	ert Moreno			1/29/2024 9:53:28AM
	FS12 0.25'				
	E401133-05				
	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analyst	:: BA		Batch: 2404031
ND	0.0250	1	01/23/24	01/25/24	
ND	0.0250	1	01/23/24	01/25/24	
0.0719	0.0250	1	01/23/24	01/25/24	
ND	0.0250	1	01/23/24	01/25/24	
ND	0.0500	1	01/23/24	01/25/24	
ND	0.0250	1	01/23/24	01/25/24	
	92.7 %	70-130	01/23/24	01/25/24	
mg/kg	mg/kg	Analyst	:: BA		Batch: 2404031
ND	20.0	1	01/23/24	01/25/24	
	90.0 %	70-130	01/23/24	01/25/24	
mg/kg	mg/kg	Analyst	:: KH		Batch: 2404034
ND	25.0	1	01/24/24	01/24/24	
ND	50.0	1	01/24/24	01/24/24	
	83.6 %	50-200	01/24/24	01/24/24	
mg/kg	mg/kg	Analyst	:: IY		Batch: 2404021
2440	200	10	01/23/24	01/24/24	
	Project Name: Project Numbe Project Manag Result mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND	Project Name: RD2 Project Number: 0105 Project Nanager: Gilb Project Manager: Gilb FS12 0.25' E401133-05 E401133-05 Imit mg/kg mg/kg ND 0.0250 ND 20.0 90.0 % mg/kg Mg/kg Mg/kg ND 25.0 ND 50.0 ND 50.0 S0.0	Project Number: 01058-0007 Project Manager: Gilbert Moreno FS12 0.25' E401133-05 Reporting Result Limit Dilution mg/kg mg/kg Analyst ND 0.0250 1 ND 20.07% 70-130 mg/kg mg/kg Malyst MD 25.0 1 ND 50.0 1 ND 50.0 1	I Project Name: RDX 16 #009 Project Number: 01058-0007 Project Manager: Gilbert Moreno FS12 0.25' State St	Project Name: RDX 16 #009 Project Number: 01058-0007 Project Manager: Gilbert Moreno FS12 0.25' FS12 0.25' Fd011133-05 Fe011133-05 Fe101133-05 Result Dilution Prepared Analyzed MC 0.0250 1 01/23/24 01/25/24 ND 20.0 1 01/23/24 01/25/24 ND 20.0 1 01/23/24 01/25/24 ND 20.0 1 01/23/24 01/25/24 <t< td=""></t<>



Sample Data

	Reported: 1/29/2024 9:53:28AM
	-
	1/29/2024 9:53:28AM
epared Analyzed	Notes
	Batch: 2404031
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	Batch: 2404034
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	Batch: 2404021
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QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	01	DX 16 #009 1058-0007 ilbert Moreno					Reported: 1/29/2024 9:53:28AM
		Volatile O	rganics l	oy EPA 802	1 B				Analyst: BA
Analyte	Derrelt	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	Result mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2404031-BLK1)							Prepared: 0	1/23/24 A	nalyzed: 01/25/24
Benzene	ND	0.0250							•
Ethylbenzene	ND	0.0250							
Foluene	ND	0.0250							
p-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Fotal Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.57		8.00		94.6	70-130			
LCS (2404031-BS1)							Prepared: 0	1/23/24 A	nalyzed: 01/25/24
Benzene	3.88	0.0250	5.00		77.5	70-130			
Ethylbenzene	3.72	0.0250	5.00		74.3	70-130			
Foluene	3.87	0.0250	5.00		77.3	70-130			
p-Xylene	3.86	0.0250	5.00		77.3	70-130			
,m-Xylene	7.68	0.0500	10.0		76.8	70-130			
Fotal Xylenes	11.5	0.0250	15.0		77.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.58		8.00		94.8	70-130			
Matrix Spike (2404031-MS1)				Source:]	E401134-0	02	Prepared: 0	1/23/24 A	nalyzed: 01/25/24
Benzene	4.40	0.0250	5.00	ND	87.9	54-133			
Ethylbenzene	4.19	0.0250	5.00	ND	83.9	61-133			
Foluene	4.39	0.0250	5.00	ND	87.7	61-130			
p-Xylene	4.37	0.0250	5.00	ND	87.4	63-131			
o,m-Xylene	8.66	0.0500	10.0	ND	86.6	63-131			
Fotal Xylenes	13.0	0.0250	15.0	ND	86.9	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.59		8.00		94.9	70-130			
Matrix Spike Dup (2404031-MSD1)				Source:	E401134-(02	Prepared: 0	1/23/24 A	nalyzed: 01/25/24
Benzene	4.60	0.0250	5.00	ND	91.9	54-133	4.44	20	
Ethylbenzene	4.41	0.0250	5.00	ND	88.1	61-133	4.98	20	
Foluene	4.60	0.0250	5.00	ND	91.9	61-130	4.67	20	
o-Xylene	4.55	0.0250	5.00	ND	91.0	63-131	4.06	20	
-	9.09	0.0500	10.0	ND	90.9	63-131	4.90	20	
o,m-Xylene	9.09	0.0500	10.0	T(D)	<i>J</i> 0. <i>J</i>	05 151		20	



QC Summary Data

		QC D		II y Data	•				
WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	0	DX 16 #009 1058-0007 ilbert Moreno					Reported: 1/29/2024 9:53:28AM
	No	nhalogenated O			5D - Gl	RO			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
Blank (2404031-BLK1)							Prepared: 0	1/23/24 A	nalyzed: 01/25/24
Gasoline Range Organics (C6-C10)	ND	20.0							•
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.25		8.00		90.6	70-130			
LCS (2404031-BS2)							Prepared: 0	1/23/24 A	nalyzed: 01/25/24
Gasoline Range Organics (C6-C10)	36.6	20.0	50.0		73.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.33		8.00		91.6	70-130			
Matrix Spike (2404031-MS2)				Source: F	2401134-0	02	Prepared: 0	1/23/24 A	nalyzed: 01/25/24
Gasoline Range Organics (C6-C10)	35.7	20.0	50.0	ND	71.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.29		8.00		91.2	70-130			
Matrix Spike Dup (2404031-MSD2)				Source: E	2401134-0	02	Prepared: 0	1/23/24 A	nalyzed: 01/25/24
Gasoline Range Organics (C6-C10)	41.2	20.0	50.0	ND	82.3	70-130	14.2	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.32		8.00		91.5	70-130			



QC Summary Data

		QC DI		I J Data					
WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	0	DX 16 #009 1058-0007 ilbert Moreno					Reported: 1/29/2024 9:53:28AM
	Nonh	alogenated Orga		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
Blank (2404034-BLK1)							Prepared: 0	1/24/24 <i>F</i>	Analyzed: 01/24/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	43.0		50.0		86.1	50-200			
LCS (2404034-BS1)							Prepared: 0	1/24/24 <i>A</i>	Analyzed: 01/24/24
Diesel Range Organics (C10-C28)	197	25.0	250		78.8	38-132			
Surrogate: n-Nonane	42.5		50.0		85.0	50-200			
Matrix Spike (2404034-MS1)				Source: H	E401130-0	1	Prepared: 0	1/24/24 <i>A</i>	Analyzed: 01/24/24
Diesel Range Organics (C10-C28)	490	25.0	250	357	53.3	38-132			
Surrogate: n-Nonane	39.2		50.0		78.4	50-200			
Matrix Spike Dup (2404034-MSD1)				Source: F	E 401130- 0)1	Prepared: 0	1/24/24 A	Analyzed: 01/24/24
Diesel Range Organics (C10-C28)	565	25.0	250	357	83.2	38-132	14.2	20	
Surrogate: n-Nonane	42.7		50.0		85.5	50-200			
arogue. a nonane	72.7								



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	0	RDX 16 #009 1058-0007 Gilbert Moreno					Reported: 1/29/2024 9:53:28AM
		Anions	by EPA	300.0/9056 <i>A</i>	•				Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2404021-BLK1)							Prepared: 0	1/23/24 A	Analyzed: 01/23/24
Chloride	ND	20.0							
LCS (2404021-BS1)							Prepared: 0	1/23/24 A	Analyzed: 01/23/24
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2404021-MS1)				Source:	E401126-()3	Prepared: 0	1/23/24 A	Analyzed: 01/23/24
Chloride	256	20.0	250	ND	103	80-120			
Matrix Spike Dup (2404021-MSD1)				Source:	E401126-()3	Prepared: 0	1/23/24 A	Analyzed: 01/23/24
Chloride	259	20.0	250	ND	103	80-120	0.868	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.



_		Deminions		
Γ	WPX Energy - Carlsbad	Project Name:	RDX 16 #009	
	5315 Buena Vista Dr	Project Number:	01058-0007	Reported:
	Carlsbad NM, 88220	Project Manager:	Gilbert Moreno	01/29/24 09:53

ND Analyte NOT DET	ECTED 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.





Project Information

Chain of Custody

Page _1__ of _

Client: V	VPX Energ	y Permia	in, LLC.		Bill To		Lab Us					Ise Only				TAT				EPA Program		
Project:	RDX 16 #0	009			Attention: Jim Raley					Job Number				2D	3D	St	andard	CWA	SDWA			
Project I	Manager:	Gilbert N	loreno		Address: 5315 Buena Vista D	r.	E40133000		56	000-	1			S	day TAT	1						
Address	: 13000 W	County	Rd 100		City, State, Zip: Carlsbad, NN	1, 88220							d Metho							RCRA		
City, Sta	te, Zip_Oc	dessa,TX,	79765		Phone: 575-885-7502														1			
Phone: 8	332-541-7	719			Email: jim.raley@dvn.com		1	\$015								1.1			State			
Email: D	evon-tean	n@etech	nenv.com	6	WO: 21191055		1	by 2						-			1.5	NM CO	UT AZ	TX		
Collecte	d by: Edyt		e Konan	Konan			Incident ID: nAPP2316445941			TPH GRO/DRO/ORO by 2015	8021	3260	010	300.0		WW		TX				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	Depth(ft.)	TPH GRO	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	T.	BGDOC		GDOC			Remarks			
10:50	01.17.24	S	1		FS08	1	0.25'							x								
11:00	01.17.24	S	1	-	FS09	2	0.25'							х								
11:10	01.17.24	S	1		FS10	3	0.25'							x								
11:20	01.17.24	S	1		FS11	4	0.25							x								
11:30	01.17.24	S	1	1	F\$12	5	0.25			Ī				x								
11:40	01.17.24	S	1		FS13	6	0.25'							×					_			
		_			01/22/24		-	-	-	-	_	-	-	-	-	-				_		
				-	01								-	1	1			1				
		-		(C												T						
Addition	nal Instruc	ctions:				1								-		-						
				ticity of this sample. may be grounds for	I am aware that tampering with or intentional legal action. Sampled by: EK	ily mislabelling the sam	ple locati	on,										d on ice the da an 6 °C on sub				
Relinquish	ed by: (Signa		Date	Time	AC Received by: (Signature)	L -22-	24	Time	40		Rece	eived	on ice		ab U	se Or N	nly					
alick		Dul	Date	22:24 14	30 Received by: (Signature)	Date 1-22-1	24	Time 1	73	0	T1			<u>T2</u>		_	_	<u>T3</u>	_			
telingfish	ed by: (Signa	Alge	Date	22.24 Z	Hereived by: (Signature)	Date 1-23.	24	Time	60	D	AVG	Tem	p°C_	4								
ample Ma	e Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other				Container		g-g	ass, p	- 00	lv/pla	stic,	ag - am	ber gl	ass, v	- VOA	1						

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

3

Envirotech Analytical Laboratory

Twe 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 - Carlebad Date Received: $01/23/24 06:00$ Work Order ID: $e401133$ Phone: (339) 573-4018 Date Logged In: $01/22/24 15:56$ Logged In By: Alexa Michaels Email: devon-team@emsolum.com Dae Date: $01/29/24 17:00 (4 day TAT)$ Vers Chain of Custody (COC) . Yes . . . 1. Does the samples of pmatch the COC? Yes <	VPX Energy - Carlsbad Date Received State Logged Date Logged Date Code Code Code Code Code Code Code Cod	i: 01/23/24 0 in: 01/22/24 01/29/24 Yes Yes Yes Yes Yes Yes Yes	06:00 15:56 17:00 (4 day TAT)		Work Order ID: Logged In By:	Alexa Michaels
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	539) 573-4018 Date Logged I evon-team@ensolum.com Due Date: istody (COC) sample ID match the COC? number of samples per sampling site location match the COC ples dropped off by client or carrier? COC complete, i.e., signatures, dates/times, requested analyses? amples received within holding time? lote: Analysis, such as pH which should be conducted in the field, e, 15 minute hold time, are not included in this disucssion. n Around Time (TAT) OC indicate standard TAT, or Expedited TAT? ber nple cooler received? s cooler received in good condition?	in: 01/22/24 01/29/24 Yes Yes Yes Yes Yes Yes	15:56 17:00 (4 day TAT)	ourier	Logged In By:	Alexa Michaels
Email: devon-team@ensolum.com Due Date: 01/29/24 17:00 (4 day TAT) Chain of Castody (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 Note: 1.0 in the field, i.e., 15 minute hold time, are not included in this discussion. Comments/Resolution Sample Cooler Yes 6. Did the COC indicate standard TAT; or Expedited TAT? Yes 9. Was the sample cooler received? Yes 8. If yes, was cooler received ing good condition? Yes 9. Was the sample cooler received mined; if samples are received wit 15 minutes of sample received on is oft repaired; if samples are received wit 15 minutes of sampling No 11. If yes, were custody/security seals intact? No No 12. Was the sample record the temperature. Actual gancous VOC samples present? No 13. If no visible ice, record the temperature. Actual gancous VOC samples collected in VOA Vials? NA 14. Are aqueous VOC s	evon-team@ensolum.com Due Date: Istody (COC) sample ID match the COC? number of samples per sampling site location match the COC ples dropped off by client or carrier? COC complete, i.e., signatures, dates/times, requested analyses? amples received within holding time? lote: Analysis, such as pH which should be conducted in the field, e, 15 minute hold time, are not included in this disucssion. n Around Time (TAT) OC indicate standard TAT, or Expedited TAT? <u>bler</u> nple cooler received? s cooler received in good condition?	01/29/24 Yes Yes Yes Yes Yes	17:00 (4 day TAT)	ourier		
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19. Is the appropriate volume/weight or number of sample containers collected? Yes		NA				
	-					
		Yes				
<u>Field Label</u>						
20. Were field sample labels filled out with the minimum information:		Var				
Sample ID? Yes Date/Time Collected? Yes	1					
Date/Time Collected? Yes Collectors name? Yes						
Sample Preservation		163				
21. Does the COC or field labels indicate the samples were preserved? No		No				
22. Are sample(s) correctly preserved? NA						
24. Is lab filteration required and/or requested for dissolved metals? No		No				
Multiphase Sample Matrix	Sample Matrix					
26. Does the sample have more than one phase, i.e., multiphase? No		No				
27. If yes, does the COC specify which phase(s) is to be analyzed? NA						
Subcontract Laboratory	t Laboratory					
28. Are samples required to get sent to a subcontract laboratory? No		No				
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA			Subcontract Lab:	NA		
<u>Client Instruction</u>	ruction					







5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

WPX Energy - Carlsbad

Project Name: RDX 16

RDX 16 #009

Work Order:	E401134

Job Number: 01058-0007

Received: 1/23/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 1/29/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.
Date Reported: 1/29/24

Gilbert Moreno 5315 Buena Vista Dr Carlsbad, NM 88220

Project Name: RDX 16 #009 Workorder: E401134 Date Received: 1/23/2024 6:00:00AM

Gilbert Moreno,



Page 109 of 218

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/23/2024 6:00:00AM, under the Project Name: RDX 16 #009.

The analytical test results summarized in this report with the Project Name: RDX 16 #009 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Field Offices:

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Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SW01 0-0.25'	5
SW02 0-0.25'	6
SW03 0-0.25'	7
SW04 0-0.25'	8
QC Summary Data	9
QC - Volatile Organics by EPA 8021B	9
QC - Nonhalogenated Organics by EPA 8015D - GRO	10
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	11
QC - Anions by EPA 300.0/9056A	12
Definitions and Notes	13
Chain of Custody etc.	14

Sample Summary

Page 111 of 218

		Sample Sum	illai y		
WPX Energy - Carlsbad		Project Name:	RDX 16 #009		Reported:
5315 Buena Vista Dr		Project Number:	01058-0007		Reporteu.
Carlsbad NM, 88220		Project Manager:	Gilbert Moreno		01/29/24 09:55
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
	Las sample is	1, 1,000	Sampira	100001.00	
SW01 0-0.25'	E401134-01A	Soil	01/17/24	01/23/24	Glass Jar, 2 oz.
SW02 0-0.25'	E401134-02A	Soil	01/17/24	01/23/24	Glass Jar, 2 oz.
SW03 0-0.25'	E401134-03A	Soil	01/17/24	01/23/24	Glass Jar, 2 oz.
SW04 0-0.25'	E401134-04A	Soil	01/17/24	01/23/24	Glass Jar, 2 oz.



	~					
WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Project Numbe Project Manag	er: 010	X 16 #009 58-0007 pert Moreno			Reported: 1/29/2024 9:55:07AM
		E401134-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: BA		Batch: 2404031
Benzene	ND	0.0250	1	01/23/24	01/25/24	
Ethylbenzene	ND	0.0250	1	01/23/24	01/25/24	
Foluene	ND	0.0250	1	01/23/24	01/25/24	
p-Xylene	ND	0.0250	1	01/23/24	01/25/24	
p,m-Xylene	ND	0.0500	1	01/23/24	01/25/24	
Fotal Xylenes	ND	0.0250	1	01/23/24	01/25/24	
Surrogate: 4-Bromochlorobenzene-PID		94.0 %	70-130	01/23/24	01/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: BA		Batch: 2404031
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/24	01/25/24	
urrogate: 1-Chloro-4-fluorobenzene-FID		89.5 %	70-130	01/23/24	01/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KH		Batch: 2404034
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/24	01/25/24	
Dil Range Organics (C28-C36)	ND	50.0	1	01/24/24	01/25/24	
Surrogate: n-Nonane		81.6 %	50-200	01/24/24	01/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2404037
Chloride	343	20.0	1	01/24/24	01/24/24	



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WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Project Numbe Project Manag	mber: 01058-0007				Reported: 1/29/2024 9:55:07AM
		W02 0-0.25'				
		E401134-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	:: BA		Batch: 2404031
Benzene	ND	0.0250	1	01/23/24	01/25/24	
Ethylbenzene	ND	0.0250	1	01/23/24	01/25/24	
Toluene	ND	0.0250	1	01/23/24	01/25/24	
p-Xylene	ND	0.0250	1	01/23/24	01/25/24	
p,m-Xylene	ND	0.0500	1	01/23/24	01/25/24	
Total Xylenes	ND	0.0250	1	01/23/24	01/25/24	
Surrogate: 4-Bromochlorobenzene-PID		93.9 %	70-130	01/23/24	01/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	:: BA		Batch: 2404031
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/24	01/25/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.2 %	70-130	01/23/24	01/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	:: KH		Batch: 2404034
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/24	01/25/24	
Dil Range Organics (C28-C36)	ND	50.0	1	01/24/24	01/25/24	
Surrogate: n-Nonane		85.5 %	50-200	01/24/24	01/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	:: DT		Batch: 2404037
Chloride	228	40.0	2	01/24/24	01/24/24	



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WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Project Number: Project Manager:		X 16 #009 58-0007 pert Moreno	Reported: 1/29/2024 9:55:07AM		
	S	W03 0-0.25				
		E401134-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: BA		Batch: 2404031
Benzene	ND	0.0250	1	01/23/24	01/25/24	
Ethylbenzene	ND	0.0250	1	01/23/24	01/25/24	
Toluene	ND	0.0250	1	01/23/24	01/25/24	
p-Xylene	ND	0.0250	1	01/23/24	01/25/24	
o,m-Xylene	ND	0.0500	1	01/23/24	01/25/24	
Fotal Xylenes	ND	0.0250	1	01/23/24	01/25/24	
Surrogate: 4-Bromochlorobenzene-PID		94.5 %	70-130	01/23/24	01/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: BA		Batch: 2404031
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/24	01/25/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.1 %	70-130	01/23/24	01/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KH		Batch: 2404034
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/24	01/25/24	
Dil Range Organics (C28-C36)	ND	50.0	1	01/24/24	01/25/24	
Surrogate: n-Nonane		76.7 %	50-200	01/24/24	01/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2404037
Chloride	457	40.0	2	01/24/24	01/24/24	



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WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Project Number: Project Manager:		X 16 #009 58-0007 pert Moreno	Reported: 1/29/2024 9:55:07AM		
	S	W04 0-0.25'				
		E401134-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: BA		Batch: 2404031
Benzene	ND	0.0250	1	01/23/24	01/25/24	
Ethylbenzene	ND	0.0250	1	01/23/24	01/25/24	
Toluene	ND	0.0250	1	01/23/24	01/25/24	
p-Xylene	ND	0.0250	1	01/23/24	01/25/24	
p,m-Xylene	ND	0.0500	1	01/23/24	01/25/24	
Fotal Xylenes	ND	0.0250	1	01/23/24	01/25/24	
Surrogate: 4-Bromochlorobenzene-PID		94.6 %	70-130	01/23/24	01/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: BA		Batch: 2404031
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/24	01/25/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.8 %	70-130	01/23/24	01/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KH		Batch: 2404034
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/24	01/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/24	01/25/24	
Surrogate: n-Nonane		83.2 %	50-200	01/24/24	01/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2404037
Chloride	146	20.0	1	01/24/24	01/24/24	



QC Summary Data

	Project Name:	RI	OX 16 #009					D
	Project Number:	01	058-0007					Reported:
	Project Manager:		lbert Moreno					1/29/2024 9:55:07AM
	Volatile O	rganics b	oy EPA 802	1B				Analyst: BA
	Poporting	Snike	Source		Pag		DDD	
Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
						Prepared: 0	1/23/24 A	nalyzed: 01/25/24
ND	0.0250					-		•
ND								
ND								
7.57		8.00		94.6	70-130			
						Prepared: 0	1/23/24 A	nalyzed: 01/25/24
3.88	0.0250	5.00		77.5	70-130			
3.72	0.0250	5.00		74.3	70-130			
3.87	0.0250	5.00		77.3	70-130			
3.86	0.0250	5.00		77.3	70-130			
7.68	0.0500	10.0		76.8	70-130			
11.5	0.0250	15.0		77.0	70-130			
7.58		8.00		94.8	70-130			
			Source:	E401134-0	2	Prepared: 0	1/23/24 A	nalyzed: 01/25/24
4.40	0.0250	5.00	ND	87.9	54-133			
4.19	0.0250	5.00	ND	83.9	61-133			
4.39	0.0250	5.00	ND	87.7	61-130			
4.37	0.0250	5.00	ND	87.4	63-131			
8.66	0.0500	10.0	ND	86.6	63-131			
13.0	0.0250	15.0	ND	86.9	63-131			
7.59		8.00		94.9	70-130			
			Source:	E401134-0	02	Prepared: 0	1/23/24 A	nalyzed: 01/25/24
4.60	0.0250	5.00	ND	91.9	54-133	4.44	20	
4.41	0.0250	5.00	ND	88.1	61-133	4.98	20	
4.60	0.0250	5.00	ND	91.9	61-130	4.67	20	
4.55	0.0250	5.00	ND	91.0	63-131	4.06	20	
9.09	0.0500	10.0	ND	90.9	63-131	4.90	20	
13.6	0.0250	15.0	ND	91.0	63-131	4.62	20	
-	ND ND ND ND ND ND 7.57 3.88 3.72 3.87 3.86 7.68 11.5 7.58 4.40 4.19 4.39 4.37 8.66 13.0 7.59 4.60 4.41 4.60 4.55 9.09	Result mg/kg Reporting Limit mg/kg ND 0.0250 7.57	Result mg/kg Reporting Limit mg/kg Spike Level mg/kg ND 0.0250 7.57 8.00 3.88 0.0250 5.00 3.72 0.0250 5.00 3.87 0.0250 5.00 3.86 0.0250 5.00 7.58 8.00 4.40 0.0250 5.00 4.39 0.0250 5.00 4.37 0.0250 5.00 4.39 0.0250 5.00 4.30 0.0250 5.00 4.37 0.0250 5.00 4.60 0.0250 5.00 4.60 0.0250 5.00 4.60 0.0250	Result mg/kg Reporting Limit mg/kg Spike Level mg/kg Source Result mg/kg ND 0.0250 mg/kg mg/kg 3.88 0.0250 5.00 mg/kg 3.86 0.0250 5.00 mg/kg 7.58 8.00 mg/kg mg/kg 4.40 0.0250 5.00 ND 4.37 0.0250 5.00 ND 4.39 0.0250 5.00 ND 7.59	Result mg/kg Limit mg/kg Level mg/kg Result mg/kg Rec mg/kg ND 0.0250 mg/kg mg/kg % ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 7.57 8.00 94.6 3.88 0.0250 5.00 77.5 3.72 0.0250 5.00 77.3 3.86 0.0250 5.00 77.3 7.68 0.0500 10.0 76.8 11.5 0.0250 5.00 ND 7.58 8.00 94.8 Source: E401134-0 4.40 0.0250 5.00 ND 4.33 0.0250 5.00 ND 83.9 4.39 0.0250 5.00 ND 87.4 4.66 0.0500 10.0 ND 86.6 13.0 0.0250 </td <td>Result mg/kg Reporting Limit Spike mg/kg Source Result mg/kg Rec % Rec Limits % ND 0.0250 mg/kg % % ND 0.0250 % ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 7.57 8.00 94.6 70-130 3.88 0.0250 5.00 77.3 70-130 3.87 0.0250 5.00 77.3 70-130 3.86 0.0250 5.00 77.3 70-130 7.58 8.00 94.8 70-130 7.58 8.00 94.8 70-130 4.40 0.0250 5.00 ND 83.9 61-133 4.19 0.0250 5.00 ND 83.9 61-133</td> <td>Result mg/kg Reporting Limit mg/kg Spike mg/kg Source Result mg/kg Rec Result mg/kg Rec % Rec Limits % RPD % ND 0.0250 mg/kg % % % % ND 0.0250 nD 0.0250 nD Prepared: 0 ND 0.0250 nD 0.0250 nD nD nD ND 0.0250 nD 94.6 70-130 nD nD 7.57 8.00 94.6 70-130 nD nD</td> <td>Result Limit Spike Level Source Result Rec mg/kg Rec % Rec % Rec % Rec % Rec % Rep % RPD % Limit % mg/kg mg/kg mg/kg % % % % % ND 0.0250 mg/kg % % % % % ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND ND 0.0250 ND 0.0250 5.00 77.5 70-130 Prepared: 01/23/24 A 3.88 0.0250 5.00 77.3 70-130 Prepared: 01/23/24 A 3.86 0.0250 5.00 77.3 70-130 Prepared: 01/23/24 A 4.40 0.0250 5.00 ND 87.9 54-133 4.44 <</td>	Result mg/kg Reporting Limit Spike mg/kg Source Result mg/kg Rec % Rec Limits % ND 0.0250 mg/kg % % ND 0.0250 % ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 7.57 8.00 94.6 70-130 3.88 0.0250 5.00 77.3 70-130 3.87 0.0250 5.00 77.3 70-130 3.86 0.0250 5.00 77.3 70-130 7.58 8.00 94.8 70-130 7.58 8.00 94.8 70-130 4.40 0.0250 5.00 ND 83.9 61-133 4.19 0.0250 5.00 ND 83.9 61-133	Result mg/kg Reporting Limit mg/kg Spike mg/kg Source Result mg/kg Rec Result mg/kg Rec % Rec Limits % RPD % ND 0.0250 mg/kg % % % % ND 0.0250 nD 0.0250 nD Prepared: 0 ND 0.0250 nD 0.0250 nD nD nD ND 0.0250 nD 94.6 70-130 nD nD 7.57 8.00 94.6 70-130 nD nD	Result Limit Spike Level Source Result Rec mg/kg Rec % Rec % Rec % Rec % Rec % Rep % RPD % Limit % mg/kg mg/kg mg/kg % % % % % ND 0.0250 mg/kg % % % % % ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND ND 0.0250 ND 0.0250 5.00 77.5 70-130 Prepared: 01/23/24 A 3.88 0.0250 5.00 77.3 70-130 Prepared: 01/23/24 A 3.86 0.0250 5.00 77.3 70-130 Prepared: 01/23/24 A 4.40 0.0250 5.00 ND 87.9 54-133 4.44 <



QC Summary Data

		QC D		ii y Data					
WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	01	DX 16 #009 058-0007 ilbert Moreno					Reported: 1/29/2024 9:55:07AM
	Noi	nhalogenated O		by EPA 801	5D - GI	RO			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
Blank (2404031-BLK1)							Prepared: 0	1/23/24 A	nalyzed: 01/25/24
Gasoline Range Organics (C6-C10)	ND	20.0							-
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.25		8.00		90.6	70-130			
LCS (2404031-BS2)							Prepared: 0	1/23/24 A	nalyzed: 01/25/24
Gasoline Range Organics (C6-C10)	36.6	20.0	50.0		73.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.33		8.00		91.6	70-130			
Matrix Spike (2404031-MS2)				Source: F	2401134-0	02	Prepared: 0	1/23/24 A	nalyzed: 01/25/24
Gasoline Range Organics (C6-C10)	35.7	20.0	50.0	ND	71.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.29		8.00		91.2	70-130			
Matrix Spike Dup (2404031-MSD2)				Source: E	2401134-0	02	Prepared: 0	1/23/24 A	nalyzed: 01/25/24
Gasoline Range Organics (C6-C10)	41.2	20.0	50.0	ND	82.3	70-130	14.2	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.32		8.00		91.5				

QC Summary Data

		QC DI		I y Data					
WPX Energy - Carlsbad 5315 Buena Vista Dr		Project Name: Project Number:		DX 16 #009 1058-0007					Reported:
Carlsbad NM, 88220		Project Manager:	G	ilbert Moreno					1/29/2024 9:55:07AM
	Nonh	alogenated Orga	anics by	EPA 8015D	- DRO	/ORO			Analyst: KH
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2404034-BLK1)							Prepared: 0	1/24/24 A	analyzed: 01/24/24
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	43.0		50.0		86.1	50-200			
LCS (2404034-BS1)							Prepared: 0	1/24/24 A	analyzed: 01/24/24
Diesel Range Organics (C10-C28)	197	25.0	250		78.8	38-132			
Surrogate: n-Nonane	42.5		50.0		85.0	50-200			
Matrix Spike (2404034-MS1)				Source: I	E401130-(01	Prepared: 0	1/24/24 A	analyzed: 01/24/24
Diesel Range Organics (C10-C28)	490	25.0	250	357	53.3	38-132			
Surrogate: n-Nonane	39.2		50.0		78.4	50-200			
Matrix Spike Dup (2404034-MSD1)				Source: I	E 401130- (01	Prepared: 0	1/24/24 A	analyzed: 01/24/24
Diesel Range Organics (C10-C28)	565	25.0	250	357	83.2	38-132	14.2	20	
Surrogate: n-Nonane	42.7		50.0		85.5	50-200			



QC Summary Data

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WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220		Project Name: Project Number: Project Manager	0	DX 16 #009 1058-0007 filbert Moreno					Reported: 1/29/2024 9:55:07A
		Anions	by EPA	300.0/9056 <i>A</i>	\				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
Blank (2404037-BLK1)							Prepared: 0	1/24/24	Analyzed: 01/24/24
Chloride	ND	20.0							
LCS (2404037-BS1)							Prepared: 0	1/24/24	Analyzed: 01/24/24
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2404037-MS1)				Source:	E401136-0	3	Prepared: 0	1/24/24	Analyzed: 01/24/24
Chloride	260	20.0	250	ND	104	80-120			
Matrix Spike Dup (2404037-MSD1)				Source:	E401136-0	3	Prepared: 0	1/24/24	Analyzed: 01/24/24
Chloride	263	20.0	250	ND	105	80-120	0.997	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.



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WPX Energy - Carlsbad	Project Name:	RDX 16 #009	
5315 Buena Vista Dr	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Gilbert Moreno	01/29/24 09:55

ND Analyte NOT DET	ECTED 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.





Project Information

Chain of Custody

Page _1__ of _1__

Client. W	WPX Energy Permian, LLC. Bill To						Lab Use Only							TA			T EPA Program						
Project: RDX 16 #009 Attention: Jim Raley							Lab WQ# Iob				Job Number			1D	2D	30		andard	CWA	SDWA			
Project Manager. Gilbert Moreno Address: 5315 Buena Vista Dr.						E 401134			_		_	_					50	IA1 YEL					
						City, State, Zip: Carlsba	d, NM, 8822	0				A	naly		d Me	thod							RCRA
City, Stat	e, Zip_Oc	lessa, TX,	79765			Phone: 575-885-7502							—		Γ								
Phone: 8		-				Email: jim raley@dvn.c	om			2	1			1	1							State	
Email: D	won-team	neetech	env.com	۱ ١		WO: 21191055]	15	1			1	1						NM CO	UT AZ	IX
					_	Incident ID: nAPP231644	45941		1	18	1							- 1	- 1				
					- 1					j ĝ	=	9		ŝ	1		ž		z				
Collecter	by: Edyt	e Konan							7	15	18	2	3	1	1								
Time	Date Sampled	Matria		Sample I	D			Leb Number	Deposits	STOR AS OBO/OBO/OB9 H41	11 x 54 0011	NOC 14 1160	Verain 6010	Cherry			2000		ğ			Remark	•
9:00	01.17.24	s	1	1		SWO1		1	0-0.25					Γ	Γ		x						
9:10	01.17.24	s	1	<u> </u>		SW02		2	0-0.25		\vdash		1	\vdash	\vdash	\square	×			-			
9:20	01.17.24	s	1			SW03		3	0-0.25	–			\vdash		\vdash		×		-				
_								1		⊢	\vdash		-	-	\vdash	\vdash		-	-				
9:30	01.17.24	s	1			SW04		4	0-0.25					-	-		×		_				
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Addition	al Instruc	tions:																					
	-			whichly of these I may be group		en eware that tampering with or inte al action. Semeled by:		the same	le locatio	v.													
Rolenquesh	d by, (Seri	ture)	Dete		Time	Received by: (Signature	e)	Deta		Time			1-				L	b Üs	e Ön	ły			
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Mich	ielle C	ionzal	es 1.	-22-24	163			1.23	·24	Ĩ	:0	x	п				12				T3		-
Relinquish	d by: (Sign	sture)	Dete	,	Time	Received by: (SQMature	1)	Dete		Terme					mp *(_4	Ŧ			-			
				Aqueous, O -	<u> </u>			Container	Type								-	W . 1	TO A				
	C	- 2000L 24			ported	less other arrangements are ma	de. Hazardout	samples will	beretu	med	0 (144	100	51000	ad of	at the	client	61074		No.m	0.0	w the anal	and the	how
Made Sem	las are de	anded to d	and softer of																				

Envirotech Analytical Laboratory

Client:	WPX Energy - Carlsbad Da	te Received:	01/23/24	06:00	Work Order ID:	E401134
Phone:	(539) 573-4018 Da	te Logged In:	01/22/24		Logged In By:	Alexa Michaels
Email:	· · ·	ie Date:		17:00 (4 day TAT)		
'hain o	f Custody (COC)					
	the sample ID match the COC?		Yes			
	the number of samples per sampling site location match t	the COC	Yes			
	samples dropped off by client or carrier?		Yes	Carrier: Courier		
	he COC complete, i.e., signatures, dates/times, requested	analyses?	Yes	Carrier. <u>Courier</u>		
	all samples received within holding time?	unuiy 505.	Yes			
	Note: Analysis, such as pH which should be conducted in the	field,	100		0	4- /D] - 4"
	i.e, 15 minute hold time, are not included in this disucssion.				Commen	ts/Resolution
	Turn Around Time (TAT)					
	ne COC indicate standard TAT, or Expedited TAT?		Yes			
Sample						
	sample cooler received?		Yes			
•	, was cooler received in good condition?		Yes			
	he sample(s) received intact, i.e., not broken?		Yes			
	e custody/security seals present?		No			
11. If ye	s, were custody/security seals intact?		NA			
	he sample received on ice? If yes, the recorded temp is 4°C, i.e., Note: Thermal preservation is not required, if samples are rec minutes of sampling visible ice, record the temperature. Actual sample tem	ceived w/i 15	Yes <u>°C</u>			
Sample	<u>Container</u>	-				
	aqueous VOC samples present?		No			
15. Are	VOC samples collected in VOA Vials?		NA			
16. Is the	e head space less than 6-8 mm (pea sized or less)?		NA			
17. Was	a trip blank (TB) included for VOC analyses?		NA			
18. Are 1	non-VOC samples collected in the correct containers?		Yes			
19. Is the	appropriate volume/weight or number of sample containers	collected?	Yes			
Field La	ibel					
20. Were	e field sample labels filled out with the minimum informa	ation:				
	Sample ID?		Yes			
	Date/Time Collected?		Yes			
	Collectors name?		Yes			
	<u>Preservation</u> s the COC or field labels indicate the samples were prese	mad?	No			
	sample(s) correctly preserved?	ivel:	NO			
	b filteration required and/or requested for dissolved meta	1s?	NA			
	nase Sample Matrix_ s the sample have more than one phase, i.e., multiphase?		ът			
		19	No			
-	s, does the COC specify which phase(s) is to be analyzed	11	NA			
	tract Laboratory					
	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		
<u>Client</u> l	Instruction					



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

APPENDIX G

NMOCD Notifications

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



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

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

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

Page 1124 of 218 QUESTIONS

Action 302172

QUESTIONS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	302172
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites			
Incident ID (n#)	nAPP2316445941		
Incident Name	NAPP2316445941 RDX 16 #009 @ 30-015-39752		
Incident Type	Produced Water Release		
Incident Status	Remediation Closure Report Received		
Incident Well	[30-015-39752] RDX 16 #009		

Location of Release Source

Site Name	RDX 16 #009
Date Release Discovered	06/08/2023
Surface Owner	State

Sampling Event General Information

1_ all th otio in thi

Please answer all the questions in this group.	
What is the sampling surface area in square feet	5,008
What is the estimated number of samples that will be gathered	43
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/17/2024
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Please contact Gilbert Moreno with any questions at (432)305-6414
Please provide any information necessary for navigation to sampling site	From the intersection of Tarbrush and Pipeline Rd, go east on Pipeline Rd. for approximately 3.32 mi, turn right for 1.34 mi; turn left for 0.27 mi. to Site Location (32.0453, -103.8901).

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

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

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1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	302172
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Create By	d Condition	Condition Date
jrale	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	1/10/2024

Page 1125eof 218

Action 302172

APPENDIX H

Previously Submitted Closure Request Report

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CLOSURE REQUEST REPORT

RDX 16 #009 Eddy County, New Mexico Incident Number nAPP2316445941

Prepared For: WPX Energy Permian, LLC 5315 Buena Vista Dr. Carlsbad, NM 88220

Carlsbad • Midland • San Antonio • Lubbock • Hobbs • Lafayette

Released to Imaging: 4/25/2024 8:30:55 AM

SYNOPSIS

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of WPX Energy Permian, LLC (WPX), presents the following Closure Request Report (CRR) to document site assessment and soil sampling activities performed for an inadvertent release of crude oil and produced water at the RDX 16 #009 (Site). Based on completed remedial actions and laboratory analytical results from recent soil sampling events, WPX is requesting No Further Action (NFA) at the Site.

SITE LOCATION AND RELEASE BACKGROUND

The Site is located in Unit F, Section 16, Township 26 South, Range 30 East, in Eddy County, New Mexico (32.0453377°, -103.8900681°) and is associated with oil and gas exploration and production operations on State Land (**Figure 1** in **Appendix A**).

On June 8, 2023, failure of the wellhead packing caused the release of approximately 3 barrels (bbls) of crude oil and 50 (bbls) of produced water onto the well pad surface. A vacuum truck was dispatched to the Site and recovered approximately 1 bbl of crude oil. WPX reported the release to the New Mexico Oil Conservation Division (NMOCD) on a Release Notification and Corrective Action Form C-141 on June 13, 2023, and was subsequently assigned Incident Number nAPP2316445941. A crude oil released volume was reported on the Initial Form C-141, however, the checkbox denotation was not completed under the section "Nature and Volume of Release. The correction is provided on the Final Form C-141. **Figure 2** in **Appendix A** depicts the observed release footprint, hereafter referred to as the Area of Concern (AOC).

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.

Depth to groundwater at the Site is estimated to be greater than 100 feet below ground surface (bgs) based on a soil boring (C-04068-POD1) that was drilled by Atkins Engineering Associates, Inc., located approximately 0.21 miles west of the Site. The soil boring location may be referenced on **Figure 1** in **Appendix A**. Using a truck mounted drill rig equipped with a hollow stem auger, the soil boring was advanced to a total depth of 125 feet bgs. No fluids were observed throughout the drilling process nor after a 72-hour observation period. Following the observation period, the boring was plugged and abandoned according to the appropriate regulations. The boring log and plugging records are provided in **Appendix B**.

Based on the desktop review of the current Bureau of Land Management (BLM) Carlsbad Field Office (CFO) karst cave potential map, this Site is located in a medium potential karst area. All other potential

Closure Request Report Incident Number nAPP2316445941 RDX 16 #009 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 1** in **Appendix A**.

Based on the results from the desktop review and estimated regional depth to groundwater at the Site, the following Closure Criteria was applied:

Constituents of Concern (COCs)	Laboratory Analytical Method	Closure Criteria
Chloride	Environmental Protection Agency (EPA) 300.0	20,000 milligram per kilogram (mg/kg)
Total Petroleum Hydrocarbon (TPH)	EPA 8015 M/D	2,500 mg/kg
Gasoline Range Organics (GRO) + Diesel Range Organics (DRO)	EPA 8015 M/D	1,000 mg/kg
Benzene	EPA 8021B	10 mg/kg
Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA 8021B	50 mg/kg

SITE ASSESSMENT AND DELINEATION SOIL SAMPLING ACTIVITIES

On June 28, 2023, Etech conducted site assessment and delineation activities to characterize the subject release by verifying the presence or absence of impacted soil within and around the AOC. Nine delineation potholes (PH01 through PH09) were advanced via mechanical equipment to assess the vertical and lateral extent of the AOC. Three potholes (PH01 through PH03) were advanced within the AOC and four potholes (PH04 through PH09) were advanced in every cardinal direction surrounding the AOC to confirm horizontal delineation. Delineation activities were 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 total of two 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 locations of the delineation soil samples are shown in **Figure 2** in **Appendix A**. Photographic documentation of delineation activities is included in **Appendix D**.

The 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 Analytical Laboratory (Envirotech) in Farmington, New Mexico, for analysis of COCs.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for delineation soil samples PH01 through PH09 indicated all analyzed COCs were below the Site Closure Criteria.

Additionally, concentrations of COCs for potholes surrounding the AOC (PH04 through PH09) provide horizontal delineation of the AOC. Laboratory analytical results are summarized in **Table 1** included in **Appendix E**. The executed chain-of-custody forms and laboratory analytical reports are provided in **Appendix F**.

CLOSURE REQUEST

Based on laboratory analytical results for all delineation soil samples, concentrations of COCs for delineation soil samples collected within the AOC were below the Site Closure Criteria. Furthermore, delineation soil samples collected around the AOC define the horizontal periphery of the subject release. WPX believes the initial remedial actions have mitigated impacts at the Site and meet the requirements set forth in NMAC 19.15.29.13 to be protective of human health, the environment and groundwater. As

Closure Request Report Incident Number nAPP2316445941 RDX 16 #009 such, NFA appears warranted at this time and this CRR for Incident Number nAPP2316445941 should be respectfully considered for Closure by the NMOCD.

If you have any questions or comments, please do not hesitate to contact Joseph Hernandez at (281) 702-2329 or joseph@etechenv.com or Gilbert Moreno at (832) 541-7719 or gilbert@etechenv.com. Appendix G provides correspondence email notification receipts associated with the subject release.

Sincerely, Etech Environmental and Safety Solutions, Inc.

Gilbert Moreno Project Geologist

nyn Hoh

Joseph S. Hernandez Senior Managing Geologist

cc: Jim Raley, WPX New Mexico Oil Conservation Division State Land Office

Appendices:

Appendix A: Figure 1: Site Map

Figure 2: Delineation Soil Sample Locations

- Appendix B: Referenced Well Records
- Appendix C: Lithologic Sampling Logs
- Appendix D: Photographic Log
- Appendix E: Tables
- Appendix F: Laboratory Analytical Reports & Chain-of-Custody Documentation
- Appendix G: NMOCD Notifications

APPENDIX A

Figures

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APPENDIX B

Referenced Well Records

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WELL RECORD & LOG

1041 - 2017 - 2017 - 2017 2017 - 127 - 127 - 2017 - 58

OFFICE OF THE STATE ENGINEER

www.	ose.stat	e.nm.us

	OSE POD NU	IMBER (WE	LL NUMBER)					OSE FILE NUI	MBER(S)	· · ·			
ZO	C-4068 PC	DDI			C-4068								
E.	WELL OWN	ER NAME(S))		PHONE (OPTIONAL)								
DC/	RKI Explo	ration and	Production, LLC										
ΓF	WELL OWN	ER MAILING	G ADDRESS		CITY		STATE	ZIP					
EL	3500 One '	Williams	Center MD 35,			Tulsa		OK 74172					
D N			DI	GREES	MINUTES	SECON	IDS						
AN	WELL		. DI	32	2	43.	~ -	* ACCURACY	REQUIRED: ONE TEN	TH OF A SECOND			
ML	LOCATIO		TITUDE				IN		QUIRED: WGS 84	In or Mapconap			
NER	(FROM GP	LO	NGITUDE	103	53	39.1			-				
GENERAL AND WELL LOCATION	DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE												
Τ.	NW/4SW/	4NW/4 Se	ection 16, Township	26S, Range 3	0 E, N.M.P.M								
	LICENSE NU	04070	NAME OF LICENSED						NAME OF WELL DR				
	124		NAME OF LICENSED		ckie D. Atkins	,				ineering Associates,	Inc		
	DRILLING S		DRILLING ENDED		PLETED WELL (F		BOREHO	E DEPTH (FT)	-	ST ENCOUNTERED (FT			
	5/11/2		5/12/2017	DECHTOLCOM	n/a	.)		125		ne encountered			
			3/12/2017							/EL IN COMPLETED W	ELL (ET)		
	COMPLETE	WELL IS:	ARTESIAN	🔽 DRY HOLE	DRY HOLE SHALLOW (UNCONFINED)				n/a				
ION										in a Post			
IAT	DRILLING FI	LUID:	AIR	MUD ADDITIVES – SPECIFY:									
NRN	DRILLING M	IETHOD:	ROTARY	HAMMER	CABLE 1	TOOL	🔽 OTHE	R – SPECIFY:	hollow stem	auger with air rota	ary		
NFC	DEPTH (feet bgl)		BORE HOLE		ATERIAL ANI	D/OR	CA	SING	CASING	CASING WALL	SLOT		
191	FROM T		DIAM		GRADE			IECTION	INSIDE DIAM.	THICKNESS	SIZE		
CASING INFORMATION			(inches)		(include each casing string, and note sections of screen)			YPE	(inches)	(inches)	(inches)		
С З	0	125	±6.625	n/a				n/a	n/a	n/a 👘	n/a		
DRILLING &										(entre d'artes		
T										S. 10	F 2 2		
RII													
2. I													
		-											
	DEPTH	(feet bgl)	BORE HOLE	LIST	ANNÚLAR SI	EAL MA	TERIALA	ND	AMOUNT	METHO	DD OF		
T	FROM	TO	BORE HOLE LIST ANNULAR SEAL MATERIAL A DIAM. (inches) GRAVEL PACK SIZE-RANGE BY INTE						(cubic feet)	PLACE			
RI	n/a					n/a			n/a		a		
ATE	11/a	n/a	10 a			n/a				103	· · · · · · ·		
ANNULAR MATERIAL								· · · · · · · · · · · · · · · · · · ·					
LA1	· · ·												
NN	├ 					<u></u>			<u> </u>				
ŕ													

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 10/29/15	5)
FILE NUMBER C-4068	POD NUMBER	TRN NUMBER 606777	
LOCATION QUS. 30E. 16.	.1.3.1	EXPL FAGE 1 O	F 2

	DEPTH (FROM	feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZO (attach supplemental sheets to fully describe all units)	TTEE .	WATER BEARING? YES / NO)	YIEL WA BEA	MATED D FOR TER- RING S (gpm)
	0	5	5	white caliche small gravel		Y √N		
	5	20	15	light brown fine sand with small gravel		Y √N		
	20	40	20	tan sand, medium gravel, sandstone		Y √N		
	40	50	10	white tannish sand/sandstone		Y ✓ N		<u> </u>
	50	90	40	tannish very fine sandstone		Y ✓ N		
_	90	110	20	fine reddish tan sandstone		Y √ N		
4. HYDROGEOLOGIC LOG OF WELL	110	125	15	fine reddish sandstone with small layers of reddish clay		Y √N	+	~~~
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5						Y N		<u> </u>
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	METHOD U			DF WATER-BEARING STRATA: BAILER OTHER – SPECIFY:	ł	STIMATED ELD (gpm):	0.	00
Ę	WELL TEST			CH A COPY OF DATA COLLECTED DURING WELL TESTING, J E, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN (),
TEST; RIG SUPERVISION	MISCELLA	NEOUS INF	DUI	adapted from Souder Miller & Associates oversight. Boring to ing advanced with combination of air rotary and hollow stem a ing not converted to well. Boring abandoned see plugging reco	ager toomig.	esence/abso No water er	ence of wa ncountered	ater. d.
0 I E0				ISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CO	ONSTRUCTIO	N OTHER T	HAN LICE	ENSEE:
.,	Guadalupe "	Lupe" Ley	ba, Shane Eldridg	;e				
		SIGNED		S THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BE SCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL				
	CORRECT R	ECORD O		DAYS AFTER COMPLETION OF WELL DRILLING:		TH THE STA		NEEK
	CORRECT R	ECORD OI ERMIT HO				5/17/2017		
	CORRECT R	ECORD OF ERMIT HO	Der within 20	DAYS AFTER COMPLETION OF WELL DRILLING:				
	CORRECT R AND THE PI	ECORD OI ERMIT HO Sourter SIGNATI	Der within 20	DAYS AFTER COMPLETION OF WELL DRILLING: Jackie D. Atkins / PRINT SIGNEE NAME	-	5/17/2017 DATE		
OR	CORRECT R	ECORD OI ERMIT HO Sourter SIGNATI	Der within 20	DAYS AFTER COMPLETION OF WELL DRILLING: Jackie D. Atkins / PRINT SIGNEE NAME	VELL RECORI	5/17/2017 DATE		



Roswell Office 1900 WEST SECOND STREET ROSWELL, NM 88201

STATE OF NEW MEXICO OFFICE OF THE STATE ENGINEER

Trn Nbr: 606777 File Nbr: C 04068 Well File Nbr: C 04068 POD1

Jun. 12, 2017

JUSTIN BARMORE RKI EXPLORATION AND PRODUCTION LLC 3500 ONE WILLIAMS CENTER MD 35 TULSA, OK 74172

Greetings:

The above numbered permit was issued in your name on 05/08/2017.

The Well Record was received in this office on 05/17/2017, stating that it had been completed on 05/12/2017, and was a dry well. The well is to be plugged or capped or otherwise maintained in a manner satisfactory to the State Engineer.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 05/15/2018.

If you have any questions, please feel free to contact us.

Sincerely,

Deborah Dunaway

(575)622-6521

drywell

APPENDIX C

Lithologic Sampling Logs

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	-	-			Sample Name: PH01	Date: 06/28/2023				
					Site Name: RDX 16 #009					
				Incident Number: nAPP2316445941						
				Job Number: 18317						
		SOIL SAMPL	ING LOO	Logged By: Edyte Konan	Method: Backhoe					
Site Coordinates: 32			<u> </u>	Hole Diameter: N/A	Total Depth: 2'					
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. No correction factors included.										
Moisture Content Chloride (ppm) Vapor	(ppm) Staining	Sample ID Sample Depth (feet bgs)	Depth (feet bgs)		criptions/Notes					
Dry 10,068 0.	.8 No	PH01 0.5	0 0.5	CCHE	0-1' bgs:Pad surface CALICHE	, dry, no staining, no odor				
Dry 2,404 1.	.3 No		1 -	SW-SM	1-2' bgs: SAND,dry, light browr grained, with some silt, non-pla no staining, no odor					
Dry 1,588 0.	.7 No	PH01 2	2							
	• •			al Depth:	2 feet bgs					

e							
			-		Sample Name: PH02	Date: 06/28/2023	
	T				Site Name: RDX 16 #009		
					Incident Number: nAPP2316445941		
	6 B.				Job Number: 18317		
		SOIL SAMPLI	NG LOG	Logged By: Edyte Konan	Method: Backhoe		
Site Coordinates: 3					Hole Diameter: N/A	Total Depth: 1.5'	
					ips and PID for chloride and va ion factors included.	apor, respectively. Chloride test	
performed with 1.4							
Moisture Content Chloride (ppm) Vapor	(ppm) Staining	Sample ID Sample Depth (feet bgs)	Depth (feet bgs)		scriptions/Notes		
Dry 13,356 0	0.4 No I	PH02 0.5	0 - 0.5	CCHE	0-1' bgs:Pad surface CALICH	IE, dry, no staining, no odor	
	0 No	1	_ 1	SW-SM	grained, with some silt, non-p	own, well graded, fine to coarse lastic, and noncohesive,	
Dry 6,576	0 No I	PH02 1.5	1.5		no staining, no odor .5 feet bgs		

	6	-									
		1 -		-	-			Sample Name: PH03	Date: 06/28/2023		
TECH								Site Name: RDX 16 #009			
								Incident Number: nAPP2316445941			
			0.1	0.011	0440		Job Number: 18317				
						ING LO	Logged By: Edyte Konan	Method: Backhoe			
Site Coo							Hole Diameter: N/A	Total Depth: 2'			
	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. No correction factors included.										
Moisture Content	Content Chloride (ppm) Vapor (ppm) Staining Staining Staining Staining (fpm) (ppm) (ppm) Staining (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm				epth it bgs)	S/Roc /mbol	Lithologic Descriptions/Notes				
မီ ပိ	le Ch	,≍ q	Sta	Sam	Sa D	(fee	l SC K S				
	5,592	0	No	PH03	0.5	0 0.5		0-1' bgs:Pad surface CALICHE	, dry, no staining, no odor		
Dry	3,452	0	No		1	1	SW/ SM	1-2' bgs: SAND,dry, light browr	well graded fine to coarse		
	5,-152	Ŭ			' -	+ '		grained, with some silt, non-pla	-		
						Ţ		no staining, no odor			
				DUIGE							
Dry	<120	0.2	NO	PH03	2	2 	 al Denth:	2 feet bgs			

		-	5		Sample Name: PH04	Date: 06/28/2023			
		ECH			Site Name: RDX 16 #009 Incident Number: nAPP2316445941				
		SOIL SAMPLI		Job Number: 18317					
			NG LUG	3	Logged By: Edyte Konan	Method: Backhoe			
Site Coordinates				Toet Str	Hole Diameter: N/A	Total Depth: 1'			
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. No correction factors included.									
Moisture Content Chloride (ppm)	Vapor (ppm) Staining	Sample ID Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Roc k Symbol	Lithologic Descriptions/Notes				
Dry 284	0 No	PH04 0.5	0 0.5	SP	0-1' SAND, dry, light brown, poo grained, non-plastic, and nonco				
Dry 216	0 No	PH04 1	1						
	- 110		-	al Depth:	1 foot bgs				

	3					Semale Neme: DI 105	Data: 06/28/2022		
		-	11	n		Sample Name: PH05 Site Name: RDX 16 #009	Date: 06/28/2023		
					Incident Number: nAPP2316445941				
		-			Job Number: 18317				
	DLOGIC				Logged By: Edyte Konan	Method: Backhoe			
Site Coordinate					Hole Diameter: N/A	Total Depth: 1'			
				CH Chloride	e Test Str		-		
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. No correction factors included.									
Moisture Content Chloride (ppm)	Vapor (ppm) Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	Lithologic Descriptions/Notes				
Dry 216	0 No	PH05	0.5	0 - 0.5	CCHE	0-1' bgs:Pad surface CALICHE	, dry, no staining, no odor		
Dry 152	0 No	D PH05	1	1					
N 102		- 00	· 1	-	al Depth:	l 1 foot bgs			

6	-								
						Sample Name: PH06	Date: 06/28/2023		
		-				Site Name: RDX 16 #009			
		-6	1		Incident Number: nAPP2316445941				
					Job Number: 18317				
				ING LOC	כ	Logged By: Edyte Konan	Method: Backhoe		
Site Coordinates					o Toot Of	Hole Diameter: N/A	Total Depth: 1'		
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. No correction factors included.									
Moisture Content Chloride (ppm)	Vapor (ppm) Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Roc k Symbol		criptions/Notes		
Dry 216	0 No	PH06	0.5	0 0.5	CCHE	0-1' bgs:Pad surface CALICHE	, dry, no staining, no odor		
Dry 152	0.1 No	PH06	1	1					
		1,1100			al Depth:	I foot bgs			
6						-	1		
------------------------------------------	----------------------------	-----------	-------------------------------	---------------------	----------------------	------------------------------------------------------------	---------------------------------		
		-				Sample Name: PH07	Date: 06/28/2023		
						Site Name: RDX 16 #009			
			1			Incident Number: nAPP231644	5941		
						Job Number: 18317			
	LOGIC /			NG LOO	3	Logged By: Edyte Konan	Method: Backhoe		
Site Coordinates						Hole Diameter: N/A	Total Depth: 1'		
						ips and PID for chloride and vap tion factors included.	or, respectively. Chloride test		
Moisture Content Chloride (ppm)	Vapor (ppm) Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Roc k Symbol	Lithologic Des	criptions/Notes		
Dry 152	0 No	D PH07	0.5	0 0.5	CCHE	0-1' bgs:Pad surface CALICHE	, dry, no staining, no odor		
Dry 124	0 No	5 PH07	1	1					
	<u> </u>	-1.107	•		al Depth:	I foot bgs			

6							
	1					Sample Name: PH08	Date: 06/28/2023
			-			Site Name: RDX 16 #009	50.44
		-	1			Incident Number: nAPP231644	0941
					<u>~</u>	Job Number: 18317	
				ING LOO	כ	Logged By: Edyte Konan	Method: Backhoe
Site Coordinates				이내 아니~~~~	o Test Of	Hole Diameter: N/A	Total Depth: 1'
						rips and PID for chloride and vap tion factors included.	
Moisture Content Chloride (ppm)	Vapor (ppm) Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Roc k Symbol		criptions/Notes
Dry 152	0 N	o PH08	0.5	0.5	CCHE	0-1' bgs:Pad surface CALICHE	, dry, no staining, no odor
Dry 124	0.1 N	o PH08	1	1			
		-	•		al Depth:	I foot bgs	

6							1
	-	-				Sample Name: PH09	Date: 06/28/2023
						Site Name: RDX 16 #009	
			1			Incident Number: nAPP231644	5941
					_	Job Number: 18317	
	LOGIC /			ING LOO	3	Logged By: Edyte Konan	Method: Backhoe
Site Coordinates						Hole Diameter: N/A	Total Depth: 1'
						ips and PID for chloride and vap tion factors included.	or, respectively. Chloride test
Moisture Content Chloride (ppm)	Vapor (ppm) Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Roc k Symbol	Lithologic Des	criptions/Notes
Dry 124	0 No	PH09	0.5	0 0.5	CCHE	0-1' bgs:Pad surface CALICHE	, dry, no staining, no odor
Dry <120	0 No	PH09	1	1			
	<u> </u>	1 1 1 100	•		al Depth:	I foot bgs	

APPENDIX D

Photographic Log

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









APPENDIX E

Tables

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



eTEC	CH		Table 1 SOIL SAMPLE ANALYTICAL RESULTS WPX Energy Permian, LLC RDX 16 #009 Eddy County, New Mexico								
Sample I.D.	Samp i e Date	Samp l e Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	DRO+GRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)	
NMOCD Table I Closur Release (NMAC 19.15.		s Impacted by a	10	50	NE	NE	NE	1,000	2,500	20,000	
				Delineation Se	oil Samples - Incident	Number nAB16326485	16				
PH01	06/28/2023	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	10,300	
PH01	06/28/2023	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,050	
PH02	06/28/2023	0.5	<0.0250	<0.0500	<20.0	140	71.6	140	211 <u>.</u> 6	14,600	
PH02	06/28/2023	1.5	<0.0250	<0.0500	<20.0	93.6	<50.0	93.6	93.6	6,660	
PH03	06/28/2023	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,910	
PH03	06/28/2023	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	86.1	
PH04	06/28/2023	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	247	
PH04	06/28/2023	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	214	
PH05	06/28/2023	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	184	
PH05	06/28/2023	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	472	
PH06	06/28/2023	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	200	
PH06	06/28/2023	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	462	
PH07	06/28/2023	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	153	
PH07	06/28/2023	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	122	
PH08	06/28/2023	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	144	
PH08	06/28/2023	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	119	
PH09	06/28/2023	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	101	
PH09	06/28/2023	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	89.0	

Notes: bgs: below ground surface mg/kg: miligrams per klogram BTEX: Benzone. Toluene, Ethylbenzene, and Xylenes GRO: Gasoline Range Organics DRO: Diesel Range Organics DRO: Diesel Range Organics TPH: Total Perbolam Hydrocarbon TPH: Total Perbolam Hydrocarbon DMACC: New Mexico Administrative Code Concentrations in **bold** exceed the NMOCD Table I Closure Criteria and/or Reclamation Standard for Soils Impacted by a Release

Page 1 of 1

APPENDIX F

Laboratory Analytical Reports & Chain-of-Custody Documentation

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







5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

WPX Energy - Carlsbad

Project Name:

RDX 16-9H

Work Order: E306236

Job Number: 01058-0007

> Received: 6/30/2023

> > **Revision: 1**

Report Reviewed By:

Walter Hinchman Laboratory Director 7/10/23

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

Date Reported: 7/10/23

Joseph Hernandez 5315 Buena Vista Dr Carlsbad, NM 88220

Project Name: RDX 16-9H Workorder: E306236 Date Received: 6/30/2023 8:20:00AM

Joseph Hernandez,





Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/30/2023 8:20:00AM, under the Project Name: RDX 16-9H.

The analytical test results summarized in this report with the Project Name: RDX 16-9H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Field Offices:

Southern New Mexico Area

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
PH01 0.5'	5
PH01 2'	6
PH02 0.5'	7
PH02 1.5'	8
PH03 0.5'	9
PH03 2'	10
QC Summary Data	11
QC - Volatile Organics by EPA 8021B	11
QC - Nonhalogenated Organics by EPA 8015D - GRO	12
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	13
QC - Anions by EPA 300.0/9056A	14
Definitions and Notes	15
Chain of Custody etc.	16

Sample Summary

Page 158 of 218

		~~~r~~	J		
WPX Energy - Carlsbad		Project Name:	RDX 16-9H		Reported:
5315 Buena Vista Dr		Project Number:	01058-0007		Keporteu.
Carlsbad NM, 88220		Project Manager:	Joseph Hernandez		07/10/23 14:48
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
PH01 0.5'	E306236-01A	Soil	06/28/23	06/30/23	Glass Jar, 2 oz.
PH01 2'	E306236-02A	Soil	06/28/23	06/30/23	Glass Jar, 2 oz.
PH02 0.5'	E306236-03A	Soil	06/28/23	06/30/23	Glass Jar, 2 oz.
РН02 1.5'	E306236-04A	Soil	06/28/23	06/30/23	Glass Jar, 2 oz.
РН03 0.5'	E306236-05A	Soil	06/28/23	06/30/23	Glass Jar, 2 oz.
PH03 2'	E306236-06A	Soil	06/28/23	06/30/23	Glass Jar, 2 oz.



Project Name	e: RD2	х 16-9Н			
Project Numb Project Mana		58-0007			<b>Reported:</b> 7/10/2023 2:48:07PM
-	PH01 0.5'	-			
	E306236-01				
	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analys	ıt: SL		Batch: 2326080
ND	0.0250	1	06/30/23	07/02/23	
ND	0.0250	1	06/30/23	07/02/23	
ND	0.0250	1	06/30/23	07/02/23	
ND	0.0250	1	06/30/23	07/02/23	
ND	0.0500	1	06/30/23	07/02/23	
ND	0.0250	1	06/30/23	07/02/23	
	95.8 %	70-130	06/30/23	07/02/23	
mg/kg	mg/kg	Analyst: SL			Batch: 2326080
ND	20.0	1	06/30/23	07/02/23	
	85.7 %	70-130	06/30/23	07/02/23	
) mg/kg	mg/kg	g Analyst: KM			Batch: 2327033
ND	25.0	1	07/06/23	07/07/23	
ND	50.0	1	07/06/23	07/07/23	
	100 %	50-200	07/06/23	07/07/23	
mg/kg	mg/kg	Analys	t: BA		Batch: 2327018
10300	400	20	07/05/23	07/07/23	
	Project Mana Result mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND	Project Manager:         Jose           PHOI 0.5'           E306236-01           Reporting           Result         Limit           mg/kg         mg/kg           MD         0.0250           ND         20.0           85.7 %         MG           ND         25.0           ND         50.0           ND         50.0           100 %         mg/kg           mg/kg         mg/kg	Project Manager:         Joseph Hernandez           PH01 0.5'           E306236-01           Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Analys           MD         0.0250         1           ND         0.0250         1           MD         20.0         1           MD         20.0         1           MD         25.0         1           ND         25.0         1           ND         50.0         1           ND         50.200         1           IO0 %         50-200 <td>Project Manager:       Joseph Hernandez         PH01 0.5'         E306236-01         Reporting         Result       Limit       Dilution       Prepared         mg/kg       mg/kg       Analyst: SL         ND       0.0250       1       06/30/23         ND       20.0       1       06/30/23         mg/kg       mg/kg       Mg/kg       Analyst: SL         ND       25.0       1       06/30/23         ND       25.0       1       07/06/23         ND       25.0       1       07/06/23         ND       50.0       1       &lt;</td> <td>Project Manager:       Joseph Hernandez         PH01 0.5'         E306236-01         E306236-01         Result       Limit       Dilution       Prepared       Analyzed         Mg/kg       mg/kg       Analyzed       Marged       Marged         Mg/kg       mg/kg       Analyst: SL       V       V         ND       0.0250       1       06/30/23       07/02/23         ND       20.0       1       06/30/23       07/02/23         MD       20.0       1       06/30/23       07/02/23         MD       20.0       1       06/30/23       07/02/23         MD       20.0       1       06/30/23</td>	Project Manager:       Joseph Hernandez         PH01 0.5'         E306236-01         Reporting         Result       Limit       Dilution       Prepared         mg/kg       mg/kg       Analyst: SL         ND       0.0250       1       06/30/23         ND       20.0       1       06/30/23         mg/kg       mg/kg       Mg/kg       Analyst: SL         ND       25.0       1       06/30/23         ND       25.0       1       07/06/23         ND       25.0       1       07/06/23         ND       50.0       1       <	Project Manager:       Joseph Hernandez         PH01 0.5'         E306236-01         E306236-01         Result       Limit       Dilution       Prepared       Analyzed         Mg/kg       mg/kg       Analyzed       Marged       Marged         Mg/kg       mg/kg       Analyst: SL       V       V         ND       0.0250       1       06/30/23       07/02/23         ND       20.0       1       06/30/23       07/02/23         MD       20.0       1       06/30/23       07/02/23         MD       20.0       1       06/30/23       07/02/23         MD       20.0       1       06/30/23

## Sample Data



21	ample D	ala			
Project Name:	: RD2	К 16-9Н			
Project Numb	er: 010:	58-0007			Reported:
Project Manag	ger: Jose	ph Hernandez			7/10/2023 2:48:07PM
	PH01 2'				
	E306236-02				
	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analys	t: SL		Batch: 2326080
ND	0.0250	1	06/30/23	07/02/23	
ND	0.0250	1	06/30/23	07/02/23	
ND	0.0250	1	06/30/23	07/02/23	
ND	0.0250	1	06/30/23	07/02/23	
ND	0.0500	1	06/30/23	07/02/23	
ND	0.0250	1	06/30/23	07/02/23	
	96.2 %	70-130	06/30/23	07/02/23	
mg/kg	mg/kg	Analyst: SL			Batch: 2326080
ND	20.0	1	06/30/23	07/02/23	
	85.0 %	70-130	06/30/23	07/02/23	
mg/kg	mg/kg	Analys	it: KM		Batch: 2327033
ND	25.0	1	07/06/23	07/07/23	
ND	50.0	1	07/06/23	07/07/23	
	83.0 %	50-200	07/06/23	07/07/23	
mg/kg	mg/kg	Analys	it: BA		Batch: 2327018
· · · · · ·	Project Name Project Numb Project Manag Result <u>mg/kg</u> ND ND ND ND ND ND ND ND ND ND ND ND ND	Project Name:     RD2       Project Number:     0105       Project Manager:     Jose       Project Manager:     Jose       Project Manager:     Jose       PH01 2'     E306236-02       BResult     Limit       mg/kg     mg/kg       MD     0.0250       ND     20.0       85.0 %     Mg/kg       MD     25.0       ND     25.0       ND     25.0       ND     50.0	Project Number:       01058-0007 JosepHernandez         Project Manager:       JosepHernandez         PH01 2'         E306236-02         E306236-02         Result       Limit       Dilution         mg/kg       mg/kg       Analys         ND       0.0250       1         ND       20.0       1         mg/kg       mg/kg       Analys         ND       20.0       1         MD       25.0       1         ND       25.0       1         MD       50.0       1         MD       50.0       1         MD       50.0       1         MD       50.0       1 <td>I         Project Name:       RDX 16-9H         Project Number:       01058-0007         Project Manager:       Joseph Hernandez         PH01 2'         FH01 2'         E306236-02         PH01 2'         Result       Dilution       Prepared         Mg/kg       mg/kg       Analyst: SU         ND       0.0250       1       06/30/23         ND       20.0       1       06/30/23         MD       20.0       1       06/30/23         MD       20.0       1       06/30/23         MD       20.0       1       06/30/23         MD       25.0</td> <td>Image: RDX 16-9H         Project Name: Di058-0007         Project Manager: Joseph Hernandez         PH01 2'         E306236-02         Result       Dilution       Prepared       Analyzed         Mg/kg       mg/kg       Analyzed       Of/02/23       Of/02/23       Of/02/23         ND       0.0250       1       06/30/23       Of/02/23       Of/02/23         ND       20.0       1       06/30/23       Of/02/23       Of/02/23       Of/02/23         ND       20.0       1       06/30/23       Of/02/23       Of/02/23       Of/02/23         MD       20</td>	I         Project Name:       RDX 16-9H         Project Number:       01058-0007         Project Manager:       Joseph Hernandez         PH01 2'         FH01 2'         E306236-02         PH01 2'         Result       Dilution       Prepared         Mg/kg       mg/kg       Analyst: SU         ND       0.0250       1       06/30/23         ND       20.0       1       06/30/23         MD       20.0       1       06/30/23         MD       20.0       1       06/30/23         MD       20.0       1       06/30/23         MD       25.0	Image: RDX 16-9H         Project Name: Di058-0007         Project Manager: Joseph Hernandez         PH01 2'         E306236-02         Result       Dilution       Prepared       Analyzed         Mg/kg       mg/kg       Analyzed       Of/02/23       Of/02/23       Of/02/23         ND       0.0250       1       06/30/23       Of/02/23       Of/02/23         ND       20.0       1       06/30/23       Of/02/23       Of/02/23       Of/02/23         ND       20.0       1       06/30/23       Of/02/23       Of/02/23       Of/02/23         MD       20



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WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Project Numbe Project Manag	er: 010	K 16-9H 58-0007 ph Hernandez			<b>Reported:</b> 7/10/2023 2:48:07PM
		PH02 0.5'				
		E306236-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	: SL		Batch: 2326080
Benzene	ND	0.0250	1	06/30/23	07/02/23	
Ethylbenzene	ND	0.0250	1	06/30/23	07/02/23	
Toluene	ND	0.0250	1	06/30/23	07/02/23	
p-Xylene	ND	0.0250	1	06/30/23	07/02/23	
o,m-Xylene	ND	0.0500	1	06/30/23	07/02/23	
Fotal Xylenes	ND	0.0250	1	06/30/23	07/02/23	
Surrogate: 4-Bromochlorobenzene-PID		97.4 %	70-130	06/30/23	07/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	: SL		Batch: 2326080
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/23	07/02/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.6 %	70-130	06/30/23	07/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g Analyst: KM			Batch: 2327033
Diesel Range Organics (C10-C28)	140	25.0	1	07/06/23	07/07/23	
Dil Range Organics (C28-C36)	71.6	50.0	1	07/06/23	07/07/23	
Surrogate: n-Nonane		86.5 %	50-200	07/06/23	07/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	: BA		Batch: 2327018
Chloride	14600	400	20	07/05/23	07/07/23	



	imple D				
5	er: 010	58-0007			<b>Reported:</b> 7/10/2023 2:48:07PM
	PH02 1.5'				
	E306236-04				
	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analys	t: SL		Batch: 2326080
ND	0.0250	1	06/30/23	07/02/23	
ND	0.0250	1	06/30/23	07/02/23	
ND	0.0250	1	06/30/23	07/02/23	
ND	0.0250	1	06/30/23	07/02/23	
ND	0.0500	1	06/30/23	07/02/23	
ND	0.0250	1	06/30/23	07/02/23	
	96.1 %	70-130	06/30/23	07/02/23	
mg/kg	mg/kg	Analyst: SL		Batch: 2326080	
ND	20.0	1	06/30/23	07/02/23	
	84.4 %	70-130	06/30/23	07/02/23	
mg/kg	mg/kg	Analys	t: KM		Batch: 2327033
93.6	25.0	1	07/06/23	07/07/23	
ND	50.0	1	07/06/23	07/07/23	
	89.5 %	50-200	07/06/23	07/07/23	
mg/kg	mg/kg	Analys	t: BA		Batch: 2327018
6660	100	5	05/05/02	05/05/00	
	Project Name: Project Numbe Project Manag Result <u>mg/kg</u> ND ND ND ND ND ND ND ND ND ND ND ND ND	Project Name:         RD2           Project Number:         0103           Project Manager:         Jose           Project Manager:         Jose           Project Manager:         Jose           PH02 1.5'         E306236-04           E306236-04         Reporting           Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         20.0           84.4 %         mg/kg           mg/kg         mg/kg           93.6         25.0           ND         50.0           89.5 %         mg/kg	Project Number:       01058-0007         Project Manager:       Josephernandez         Project Manager:       Josephernandez         PHO2 1.5'       E306236-04         E306236-04       Dilution         Result       Limit       Dilution         Mg/kg       mg/kg       Analys         MD       0.0250       1         ND       20.0       1         Mg/kg       mg/kg       Analys         Mg/kg       25.0       1         ND       50.0       1         ND       50.0       1         ND       50.0       1         Mg/kg       89.5 %       50-200	I RDX 16-9H         Project Namber:       01058-0007         Project Manager:       Joseph Hernandez         PH02 1.5'         FH02 1.5'         FBH02 1.5'         Result       Dilution       Prepared         Result       Dilution       Prepared         MD       0.0250       1       06/30/23         ND       0.0250       1       06/30/23         ND       0.0250       1       06/30/23         ND       20.0       1       06/30/23         ND       20.0       1       06/30/23         ND       20.0       1       06/30/23       0	Project Name:       RDX 16-9H         Project Number:       01058-0007         Project Manager:       Joseph Hernandez         PH02 1.5'         E306236-04         Result       Dilution       Prepared       Analyzed         MC       Dilution       Prepared       Analyzed         mg/kg       mg/kg       Analyst: SL       V         ND       0.0250       1       06/30/23       07/02/23         ND       20.0       1       06/30/23       07/02/23         ND       20.0       1       06/30/23       07/02/23         MD       20.0       1       06/



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WPX Energy - Carlsbad 5315 Buena Vista Dr	Project Name: Project Numbe	er: 010	X 16-9H 58-0007			Reported:
Carlsbad NM, 88220	Project Manag	er: Jose	ph Hernandez			7/10/2023 2:48:07PM
		PH03 0.5'				
		E306236-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: SL		Batch: 2326080
Benzene	ND	0.0250	1	06/30/23	07/03/23	
Ethylbenzene	ND	0.0250	1	06/30/23	07/03/23	
Toluene	ND	0.0250	1	06/30/23	07/03/23	
o-Xylene	ND	0.0250	1	06/30/23	07/03/23	
o,m-Xylene	ND	0.0500	1	06/30/23	07/03/23	
Fotal Xylenes	ND	0.0250	1	06/30/23	07/03/23	
Surrogate: 4-Bromochlorobenzene-PID		97.0 %	70-130	06/30/23	07/03/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2326080
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/23	07/03/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.1 %	70-130	06/30/23	07/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2327033
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/07/23	
Surrogate: n-Nonane		89.1 %	50-200	07/06/23	07/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2327018
Chloride	5910	40.0	2	07/05/23	07/07/23	



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WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Project Numbe Project Manag	er: 010	X 16-9H 58-0007 ph Hernandez			<b>Reported:</b> 7/10/2023 2:48:07PM
		PH03 2'				
		E306236-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: SL		Batch: 2326080
Benzene	ND	0.0250	1	06/30/23	07/02/23	
Ethylbenzene	ND	0.0250	1	06/30/23	07/02/23	
Toluene	ND	0.0250	1	06/30/23	07/02/23	
p-Xylene	ND	0.0250	1	06/30/23	07/02/23	
o,m-Xylene	ND	0.0500	1	06/30/23	07/02/23	
Total Xylenes	ND	0.0250	1	06/30/23	07/02/23	
Surrogate: 4-Bromochlorobenzene-PID		96.2 %	70-130	06/30/23	07/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2326080
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/23	07/02/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.6 %	70-130	06/30/23	07/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KM		Batch: 2327033
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/07/23	
Surrogate: n-Nonane		92.5 %	50-200	07/06/23	07/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: BA		Batch: 2327018
Chloride	86.1	20.0	1	07/05/23	07/07/23	



# QC Summary Data

	Project Name:							Reported:
	5							
	Project Manager:	Jo	seph Hernand	lez				7/10/2023 2:48:07PM
	Volatile O	rganics b	oy EPA 802	21 <b>B</b>				Analyst: SL
	Reporting	Spike	Source		Rec		RPD	
mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
						Prepared: 0	6/30/23 A	analyzed: 07/01/23
ND	0.0250							
ND	0.0250							
ND	0.0250							
ND	0.0250							
ND	0.0500							
ND	0.0250							
7.63		8.00		95.3	70-130			
						Prepared: 0	6/30/23 A	analyzed: 07/01/23
5.18	0.0250	5.00		104	70-130			
5.02	0.0250	5.00		100	70-130			
5.13	0.0250	5.00		103	70-130			
5.05	0.0250	5.00		101	70-130			
10.2	0.0500	10.0		102	70-130			
15.2	0.0250	15.0		102	70-130			
7.76		8.00		97.0	70-130			
			Source:	E306236-	06	Prepared: 0	6/30/23 A	analyzed: 07/02/23
4.98	0.0250	5.00	ND	99.7	54-133			
4.83	0.0250	5.00	ND	96.5	61-133			
4.93	0.0250	5.00	ND	98.7	61-130			
4.86	0.0250	5.00	ND	97.1	63-131			
9.80	0.0500	10.0	ND	98.0	63-131			
14.7	0.0250	15.0	ND	97.7	63-131			
7.75		8.00		96.9	70-130			
			Source:	E306236-	06	Prepared: 0	6/30/23 A	analyzed: 07/02/23
5.06	0.0250	5.00	ND	101	54-133	1.52	20	
4.91	0.0250	5.00	ND	98.2	61-133	1.76	20	
5.02	0.0250	5.00	ND	100	61-130	1.74	20	
4.94	0.0250	5.00	ND	98.8	63-131	1.73	20	
7.77								
9.97	0.0500	10.0	ND	99.7	63-131	1.71	20	
	ND ND ND ND 7.63 5.18 5.02 5.13 5.05 10.2 15.2 7.76 4.98 4.83 4.93 4.86 9.80 14.7 7.75 5.06 4.91	Project Number: Project Manager:           Volatile Or           Result mg/kg         Reporting Limit mg/kg           ND         0.0250           S.18         0.0250           5.02         0.0250           5.03         0.0250           5.04         0.0250           5.05         0.0250           10.2         0.0500           15.2         0.0250           4.98         0.0250           4.86         0.0250           4.86         0.0250           9.80         0.0500           14.7         0.0250           7.75         5.06	Project Number:         01           Project Number:         01           Project Manager:         Jc           Volatile Organics I         Imit           Result         Reporting         Spike           mg/kg         mg/kg         mg/kg           ND         0.0250           S.18         0.0250         5.00           S.02         0.0250         5.00           S.03         0.0250         5.00           S.04         0.0250         5.00           MD         0.0250         5.00           S.05         0.0250         5.00           MD         0.0250         5.00           S.05         0.0250         5.00           MO         0.0250         5.00           4.98	Project Number:         01058-0007           Project Manager:         Joseph Hernand           Volatile Organics by EPA 802           Result         Reporting         Spike         Source           Result         Limit         Level         Result           mg/kg         mg/kg         mg/kg         mg/kg           ND         0.0250         ND           S.18         0.0250         S.00           S.02         0.0250         S.00           S.03         0.0250         S.00           S.13         0.0250         S.00           S.05         0.0250         S.00           S.05         0.0250         S.00           S.05         0.0250         S.00           S.06         0.0250         S.00           S.010         ND         ND           S.02         S.00         ND           S.03         S.00         ND           S.02	ND         0.0250         Spike         Source           Result         Reporting         Spike         Source           mg/kg         mg/kg         mg/kg         mg/kg         %           ND         0.0250         ND         0.0250           7.63         8.00         95.3           5.18         0.0250         5.00         104           5.02         0.0250         5.00         102           7.76         8.00         97.0         102           7.76         8.00         ND         97.1           4.98         0.0250         5.00         ND	Project Number:         01058-0007           Project Manager:         Joseph Hernandez           Volatile Organics by EPA 8021B           Result         Reporting mg/kg         Spike mg/kg         Source Result         Rec Limits           ND         0.0250         mg/kg         mg/kg         %         %           ND         0.0250         mg/kg         mg/kg         %         %           ND         0.0250         mg/kg         mg/kg         %         %           ND         0.0250         mg/kg         95.3         70-130           ND         0.0250         104         70-130           ND         0.0250         100         70-130           ND         0.0250         101         70-130           S.18         0.0250         5.00         101         70-130           S.02         0.0250         5.00         101         70-130           S.13         0.0250         5.00         101         70-130           S.13         0.0250         5.00         101         70-130           S.12         0.0250         5.00         102         70-130           S.13         0.0250         5.00	Project Number:         01058-0007           Project Manager:         Joseph Hernandez           Volatile Organics by EPA 8021B           Result         Rec         Rec         Limit         RPD           mg/kg         mg/kg         mg/kg         mg/kg         %         %         %           ND         0.0250         mg/kg         mg/kg         Prepared: 0           ND         0.0250            Prepared: 0           S18         0.0250         5.00         104         70-130            S13         0.0250         5.00         101         70-130            S13         0.0250         5.00         101         70-130            S13         0.0250 <td>Project Number:         01058-0007           Project Manager:         Joseph Hernandez           Volatile Organics by EPA 8021B           Result         Reporting mg/kg         Spike mg/kg         Source mg/kg         Rec         Rec         Reporting PD         RPD         Limit Limit           mg/kg         mg/kg         mg/kg         mg/kg         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %</td>	Project Number:         01058-0007           Project Manager:         Joseph Hernandez           Volatile Organics by EPA 8021B           Result         Reporting mg/kg         Spike mg/kg         Source mg/kg         Rec         Rec         Reporting PD         RPD         Limit Limit           mg/kg         mg/kg         mg/kg         mg/kg         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %         %



## **QC Summary Data**

		QC D	umm	ary Data	A				
WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220		Project Name: Project Number: Project Manager	0	RDX 16-9H 11058-0007 oseph Hernand	P7				<b>Reported:</b> 7/10/2023 2:48:07PM
Carisbad Ani, 00220	Noi	nhalogenated (				RO			Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2326080-BLK1)							Prepared: 0	6/30/23 A	nalyzed: 07/01/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.19		8.00		89.9	70-130			
LCS (2326080-BS2)							Prepared: 0	6/30/23 A	analyzed: 07/02/23
Gasoline Range Organics (C6-C10)	40.0	20.0	50.0		80.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.98		8.00		87.2	70-130			
Matrix Spike (2326080-MS2)				Source:	E306236-0	06	Prepared: 0	6/30/23 A	analyzed: 07/02/23
Gasoline Range Organics (C6-C10)	40.7	20.0	50.0	ND	81.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.19		8.00		89.8	70-130			
Matrix Spike Dup (2326080-MSD2)				Source:	E306236-0	06	Prepared: 0	6/30/23 A	analyzed: 07/02/23
Gasoline Range Organics (C6-C10)	41.5	20.0	50.0	ND	83.1	70-130	1.95	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.17		8.00		89.6	70-130			



## QC Summary Data

		QU D			A				
WPX Energy - Carlsbad 5315 Buena Vista Dr		Project Name: Project Number:		DX 16-9H 1058-0007					Reported:
Carlsbad NM, 88220		Project Manager:		oseph Hernand	ez				7/10/2023 2:48:07PM
	Nonh	alogenated Org	anics by	EPA 8015D	- DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2327033-BLK1)							Prepared: 0	7/06/23 Ai	nalyzed: 07/07/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.0		50.0		91.9	50-200			
LCS (2327033-BS1)							Prepared: 0	7/06/23 Ai	nalyzed: 07/10/23
Diesel Range Organics (C10-C28)	239	25.0	250		95.6	38-132			
Surrogate: n-Nonane	45.4		50.0		90.8	50-200			
Matrix Spike (2327033-MS1)				Source:	E306236-0	04	Prepared: 0	7/06/23 Ai	nalyzed: 07/07/23
Diesel Range Organics (C10-C28)	366	25.0	250	93.6	109	38-132			
Surrogate: n-Nonane	41.0		50.0		81.9	50-200			
Matrix Spike Dup (2327033-MSD1)				Source:	E306236-(	04	Prepared: 0	7/06/23 Ai	nalyzed: 07/07/23
Diesel Range Organics (C10-C28)	383	25.0	250	93.6	116	38-132	4.62	20	
Surrogate: n-Nonane	42.0		50.0		84.1	50-200			



## **QC** Summary Data

				J					
WPX Energy - Carlsbad		Project Name:		RDX 16-9H					Reported:
5315 Buena Vista Dr		Project Number:		1058-0007					
Carlsbad NM, 88220		Project Manager	: J	oseph Hernand	ez				7/10/2023 2:48:07PM
		Anions	by EPA	<b>300.0/905</b> 6 <i>I</i>	A				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2327018-BLK1)							Prepared: 0	7/05/23	Analyzed: 07/06/23
Chloride	ND	20.0							
LCS (2327018-BS1)							Prepared: 0	7/05/23	Analyzed: 07/06/23
Chloride	265	20.0	250		106	90-110			
Matrix Spike (2327018-MS1)				Source:	E306234-0	01	Prepared: 0	7/05/23	Analyzed: 07/06/23
Chloride	427	20.0	250	153	110	80-120			
Matrix Spike Dup (2327018-MSD1)				Source:	E306234-0	D1	Prepared: 0	7/05/23	Analyzed: 07/06/23
Chloride	418	20.0	250	153	106	80-120	2.14	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.



		_ •		
ſ	WPX Energy - Carlsbad	Project Name:	RDX 16-9H	
	5315 Buena Vista Dr	Project Number:	01058-0007	Reported:
	Carlsbad NM, 88220	Project Manager:	Joseph Hernandez	07/10/23 14:48

ND	Analyte NOT DETECTED at or above the reporting limit
1.02	many to rise reporting minit

NR Not Reported

- RPD Relative Percent Difference
- DNI Did Not Ignite

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

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



#### **Project Information**

#### Chain of Custody

#### Page 1 of 1

envirotech

Client: W	/PX Energy Pe	rmian LLC		1	Bill To		1	-	La	b Us	se Or	ly		-		TA	T	1	EPA P	rogram
	RDX 16-9H				Attention: Jim Raley	10	Lab	WOt					er.	1D	2D	3D	Standa	ard	CWA	SDWA
Project N	Aanager: Jose	ph Herna	ndez		Address: 5315 Buena Vista Dr.		FS	3di	23	0	de	Numbe	007	-	-		3 day 1			
	13000 W Cou				City, State, Zip: Carlsbad, NM, 88	3220	-				Anal	/sis and	Metho	1	-	-				RCRA
City, Stat	e, Zip Odessa	TX. 7976	55		Phone: 575-885-7502			1					1	1	T					
	281) 702-2329		-		Email: jim.raley@dvn.com			OBO											State	
Email: D	evon-team@e	techenv.	com		WB5/WO: 21191055			0/0	4	1	12.1	8		NN			NM	CO	UT AZ	TX
	d by: Edyte Ko				Incident ID: nAPP2316445941			S(DR	802	3260	010	300				ž				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab	Depth[ft.]	TPH GRO/DRO/ORO by	6TEX by 8021	VOC by 8260	Metals 6010	Chlaride 300.0		BGDOC		GDOC			Remarks	1.1
12:00	6/28/2023	5	1		PHO1	1	0.5	-						x						
12:10	6/28/2023	S	1		PH01	2	2'							x						
12:20	6/28/2023	S	1		PH02	3	0.5							x						
12:30	6/28/2023	s	1		PH02	4	1.5							x						
12:40	6/28/2023	S	1		PH03	5	0.5							x						
12:50	6/28/2023	s	1		PH03	6	2'							x						
	1.5.5.5																-	_		
			Kat	-							1	一	7	F	T					
		/	-							>	1									
/						/	1													
Addition	al Instruction	s:						-												
				of this sample. I am a e grounds for legal ac	ware that tampering with or intentionally mislabel tion. Sampled by:	lling the sample lo	cation,			1							ueived on ice t 5 °C on subsec			ed or received
Relinquish	ed by: (Signature	)	Date Ob	125/23 Time	45 Received by: (Signature)	Date	23	Time	445		Rec	eived o	n ice:	-	ab U	se On	lγ			
Mic		unde	Date	1923 IT	Received by: (Signature)	Date 6-2		Time	73	0	T1			T2			T3		_	
Relinquish	ed by: (Signature	550	Date 6	29-23 L	300 Bith Mar	- Lorzol	23	Time 8	20	)	AVG	Temp	°c L	ł						
-	rix: S - Soil, Sd - Sol		e, A - Aqueo	us, O - Other	-	Containe	er Type	-	_					er gla	155, V	VOA				
Note: Sam	ples are discarde	d 30 days a	fter results	are reported unles	s other arrangements are made. Hazardous												ort for the	analysis	of the ab	ove
samples is	applicable only t	o those san	nples receiv	ed by the laborato	y with this COC. The liability of the laborator	ry is limited to th	ie amo	unt pi	id for	on th	e rep	ort.								

Page 16 of 17

## **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

<ul> <li>Control of the control of</li></ul>	Instrument     Date Lagged in     06/20/23 17.38     Lagged in ty:     Catilin Mars       Instrument     Due Date:     07/10/23 17.00 (4 day TAT)     Lagged in ty:     Catilin Mars       The sample ID match the COC?     Yes     Vers     Vers     Vers     Vers       Ware consubs dropped of Dy beint or carrier?     Yes     Vers     Vers     Vers       Ware consubles, i.e., signatures, datasytings, requested analyses?     Yes     Vers     Vers       Name:     Data bandles	Client:	WPX Energy - Carlsbad Da	te Received:	06/30/23	08:20		Work Order ID:	E306236
Email:     jhermaderz@moslum.com     Due Due     07/10/23 17/00 (4 day TAT)         Amage of Castedov (COC)      Ves          1. Does the ammple ID match the COC (Yes        Yes        Carrier: Courier          4. Was the COC complete, i.e., signatures, datavitimes, requested analyses?       Yes        Carrier: Courier          4. Was the COC complete, i.e., signatures, datavitimes, requested analyses?       Yes        Carrier: Courier          5. Were all samples toole trues or tooledued in the field.        Yes        Comments/Resolution          5. Wore Camples, i.e., signatures, datavitimes, requested analyses?       Yes        Sample Cooler received in port outclude in the field.          7. Was a sample cooler received in good condition?       Yes        Sample cooler received?        Comments/Resolution          9. Was the sample cooler received?        Yes        Sample cooler received?        Yes          9. Was the sample cooler received?        Yes        Sample received on inon trapical, if samples are received wi 15       minutes of analping        Sample received inite, it, c. of %er          10. Ure visible vice, record the temperature.        Actual sample tooler received in No Tool Yes        No          13. Haro visible vice, record the temperature.        Actual sample tooler rece	inali: jernandezigenolan.com Du Du Du (71/023 17:00 (4 day TAT) The sample D match the COC? So the number of samples per sampling site location match the COC Yes Does the number of samples per sampling site location match the COC Yes Was the COC complete, i.e., signatures, dates times, requested analyses? Yes Was analysis, ach as plf which whould be conducted in the field, i.e. 15. minute hold ing; gene on toleladel in this discussion. <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments/Resolution</b> <b>Comments</b>		(539) 573-4018 Da	te Logged In					
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 torepoid of Wig claim of carrier?       Yes         4. Was the COC complete, i.e., signatures, dates/times, requested analyses?       Yes         Note: Analysis, such as pH which should be conducted in the field.       Yes         i.e., 15 minute hold im g, are not included in the discussion.       Comments/Resolution         Sample Cooler       Yes         7. Was a sample cooler received in good condition?       Yes         8. Bryse, was cooler received in good condition?       Yes         9. Was the sample(so) received intert, i.e., not broken?       Yes         9. Was the sample received on its? If yes, the roorded remp is 4°C, i.e., 6*2°C       Yes         9. Was the sample received on its? If yes, the roorded remp is 4°C, i.e., 6*2°C       Yes         9. Was the sample received on its? If yes, the roorded remp is 4°C, i.e., 6*2°C       Yes         9. Was the sample received on its? If yes, the roorded remp is 4°C, i.e., 6*2°C       Yes         9. Was the sample received in the interparture: 4°C       Yes         10. Were custody/security seals intere?       No         11. Hyse, were custody/security seals intere?       Yes         Some Continer       Yes         13. If no visible loce, record the temp	Does the sample ID match the COC?     Yes       Does the number of samples per sampling site location match the COC     Yes       Was the COC complete, i.e, signatures, dates/times, requested analyses?     Yes       Was the COC complete, i.e, signatures, dates/times, requested analyses?     Yes       Note: Analysis, such any different or carrier?     Yes       Note: Analysis, such any different or carrier?     Yes       Sample Concert     Yes       Did the COC indicate standard TAT, or Expedited TAT?     Yes       Sample Cooler received?     Yes       Was a sample cooler received?     Yes       Was a sample scoler received?     Yes       Was the sample's neeved an iso? If Yes, the recorder tampis 47°, i.e., 6*2*C     Yes       Nat: Thermal preservation is not required, if samples are received wit?     Yes       minutes of sampling     Sample scolered in NoA Vials?       A. Caracocu VOC samples present?     No       S. Are copocu VOC samples present?     No       S. Are copocu VOC samples scole							Logged in Dy.	
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 torepoid of Wig claim of carrier?       Yes         4. Was the COC complete, i.e., signatures, dates/times, requested analyses?       Yes         Note: Analysis, such as pH which should be conducted in the field.       Yes         i.e., 15 minute hold im g, are not included in the discussion.       Comments/Resolution         Sample Cooler       Yes         7. Was a sample cooler received in good condition?       Yes         8. Bryse, was cooler received in good condition?       Yes         9. Was the sample(so) received intert, i.e., not broken?       Yes         9. Was the sample received on its? If yes, the roorded remp is 4°C, i.e., 6*2°C       Yes         9. Was the sample received on its? If yes, the roorded remp is 4°C, i.e., 6*2°C       Yes         9. Was the sample received on its? If yes, the roorded remp is 4°C, i.e., 6*2°C       Yes         9. Was the sample received on its? If yes, the roorded remp is 4°C, i.e., 6*2°C       Yes         9. Was the sample received in the interparture: 4°C       Yes         10. Were custody/security seals intere?       No         11. Hyse, were custody/security seals intere?       Yes         Some Continer       Yes         13. If no visible loce, record the temp	Does the sample ID match the COC?     Yes       Does the number of samples per sampling site location match the COC     Yes       Was the COC complete, i.e, signatures, dates/times, requested analyses?     Yes       Was the COC complete, i.e, signatures, dates/times, requested analyses?     Yes       Note: Analysis, such any different or carrier?     Yes       Note: Analysis, such any different or carrier?     Yes       Sample Concert     Yes       Did the COC indicate standard TAT, or Expedited TAT?     Yes       Sample Cooler received?     Yes       Was a sample cooler received?     Yes       Was a sample scoler received?     Yes       Was the sample's neeved an iso? If Yes, the recorder tampis 47°, i.e., 6*2*C     Yes       Nat: Thermal preservation is not required, if samples are received wit?     Yes       minutes of sampling     Sample scolered in NoA Vials?       A. Caracocu VOC samples present?     No       S. Are copocu VOC samples present?     No       S. Are copocu VOC samples scole	Chain o	f Custody (COC)						
<ul> <li>2. Does the number of samples per sampling site location match the COC Yes</li> <li>3. Were samples dropped off by elient or carrier?</li> <li>4. Was the COC complets, i.e., againatres, dates/fines, requested analyses?</li> <li>5. Were all samples received within holding time?</li> <li>5. Wore all samples received within holding time?</li> <li>6. Did the COC indicate standard TAT, or Expedited TAT?</li> <li>7. Was a sample cooler received?</li> <li>8. If yes, was cooler received?</li> <li>9. Was the sample cooler received?</li> <li>9. Was the sample cooler received?</li> <li>9. Was the sample received in good condition?</li> <li>9. Was the sample received in the broken?</li> <li>9. Was the sample received in the orthore?</li> <li>9. Was the sample received in the required, if samples are received wills minutes of sampling</li> <li>13. If not visible ice, record the temperature: 4°C</li> <li>9. Sample Container</li> <li>14. Are aqueous VOC samples present?</li> <li>15. Are VOC samples collected in the orrert containers?</li> <li>16. Is the head space loss than 6-8 mm (rea sized or less)?</li> <li>17. Was a trib Buth. (TB) includeed for VOC analyses?</li> <li>18. Are non-VOC samples collected?</li> <li>9. Was the sample torther of the minute information:</li> <li>9. Sample 102</li> <li>9. Date: Time Collected?</li> <li>9. Collectors name?</li> <li>9. Collectors name?</li> <li>9. Sample 102</li> <li>9. Date: Time Collected?</li> <li>9. Sample 102</li> <li>9. Date: Time Collected?</li> <li>9. Sample 102</li> <li>9. Sample 102</li> <li>9. Sample 102</li> <li>9. Sample 102</li> <li>9. Sample 102</li></ul>	<ul> <li>Does the number of samples per sampling site location match the COC Yes</li> <li>Were samples dropped off by client or carrier?</li> <li>Yes the COC complete, i.e., signatures, dates/times, requested analyses?</li> <li>Yes analyses, such as pH which should be conduced in the field, i.e., 15 minute hold time, are not included in this discussion.</li> <li>Sample Cond round Time CTAT</li> <li>Yes analyse collect estandard TAT, or Expedited TAT?</li> <li>Yes a sample coller received?</li> <li>Yes, was a sample coller received?</li> <li>Yes, was color received?</li> <li>Yes, the received in tact, i.e., on thorken?</li> <li>Yes was the sample coler received in the field, is anyles are received with the minimum information:</li> <li>Are auguous WOC samples present?</li> <li>No</li> <li>Are updows WOC samples collected in the orreet containers?</li> <li>Yes the hand space less than 6-8 mm (pea sized or less)?</li> <li>Na</li> <li>Are updows WOC samples collected in the orreet containers?</li> <li>Yes and be contered?</li> <li>Yes the band space less than 6-8 mm (pea sized or less)?</li> <li>Na</li> <li>Are torreet than one space collected?</li> <li>Yes and the context on the sample were preserved?</li> <li>Na</li> <li>Are updows field labels indicate the samples were preserved?</li> <li>Na</li> <li>Are sample labels field out with the minimum information:</li> <li>Sample ID?</li> <li>Are sample share than one phase, i.e., multiphase?</li> <li>Na</li> <li>Are sample share than one phase, i.e., multiphase?</li> <li>Na</li> <li>Are sample share than one phase, i.e., multiphase?<!--</td--><td></td><td></td><td></td><td>Yes</td><td></td><td></td><td></td><td></td></li></ul>				Yes				
3. Were samples dropped off by client or carrier? Yes 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes Note: Analysis, such as pH which should be conducted in the field. i.e. 15 minute hold time, ure on tended of in the discussion. <b>Sample Turn Around Time (TAT)</b> 6. Did the COC indicate standard TAT, or Expedited TAT? Yes <b>Sample Cooler</b> 7. Was a sample cooler received? In good condition? 9. Was the sample(s) received intact, i.e., not broken? 9. Was the sample(s) received intact, i.e., not broken? 10. Were custody/security seals presen? 10. Were custody/security seals presen? 11. If yes, were custody/security seals intact? Now: Thermal preservation is not requied. If samples are received wil 15 minute of sampling 13. If no visible ice, record the temperature. Actual sample temperature: <u>4°C</u> <b>Sample Cooler</b> 5. Sample cooler teneived in teo? If yes, the recorded temp is 4°C, i.e., 6°+2°C Yes Not: Thermal preservation is not requied, if samples are received wil 15 minute of sampling 13. If no visible ice, record the temperature. Actual sample temperature: <u>4°C</u> <b>Sample Cooler</b> 14. Are aqueous VOC samples collected in VOA Yula? 15. Are VOC samples collected in to YOA canalyses? 16. Is the head space leves than 6. Are min (pea sized or less)? 17. Was a trip black (TB) included for VOC analyses? 18. Are non-VOC samples collected? 19. Is the appropriate volume/weight or number of sample cominaers collected? Yes <b>Sample 1</b> 10. Love the COC of reld labek indicate the samples were preserved? No 21. Orece (Cord reld labek indicate the samples were preserved? No 21. Orece (CO C reld labek indicate the samples were preserved? No 21. Orece (CO C reld labek indicate the samples were preserved? No 21. Orece (CO C reld labek indicate the samples were preserved? No 21. Orece (CO C reld labek indicate the samples were preserved? No 21. Orece (CO C reld labek indicate the samples were preserved? No 21. Orece (CO C reld labek indicate the samples were pre	<ul> <li>Were samples forpped off by client or carrier?</li> <li>Was the COC complete, i.e., signatures, dates/times, requested analyses?</li> <li>Vere all samples received within holding time?</li> <li>Ves</li> <li>Note: Analysis, such as pH which should be conducted in the field.</li> <li>is. 15 minute hold ine, are not included in the discussion.</li> <li>Sample Core received 71 which should be conducted in the field.</li> <li>is. 15 minute holding, are not included in the discussion.</li> <li>Sample Core received 71 which should be conducted in the field.</li> <li>is. 15 minute holding, are not included in the discussion.</li> <li>Sample Core received 71 which should be conducted in the field.</li> <li>is. 15 minute holding, are not included in the discussion.</li> <li>Sample Core received in good condition?</li> <li>Yes</li> <li>Was the sample(s) received intact, i.e., not broken?</li> <li>Yes</li> <li>Was the sample received in iter first, the recorded temp is 4°C, i.e., 6°42°C</li> <li>Yes</li> <li>Nate: Thermal preservation is not required, if samples are received wit 15 minutes of sampling</li> <li>Max the sample received the temperature. Actual sample temperature: <u>4°C</u></li> <li>Sample Container</li> <li>A rea quecous VOC samples present?</li> <li>No</li> <li>A rea quecous VOC samples collected in VOA Vials?</li> <li>Na to the sample labels filled out with the minimum information:</li> <li>Sample LO?</li> <li>Na to reque to visible vision required if samples are received?</li> <li>Yes</li> <li>Sample LO?</li> <li>Na to reque to vision vision required in the minimum information:</li> <li>Sample LO?</li> <li>Na to reque to vision vision requered?</li> <li>Yes</li> <li>Sample LO?</li> <li>Na to reque to vision vision requered?</li> <li>Na to reque to vision vision requered?</li> <li>Na to requere vision vision requere vision vision requere vision vision requere visi</li></ul>		•	the COC					
4. Was the COC complete, i.e., signatures, datas/times, requested analyses? Yes 5. Were all samples received within holding time? Yes Not: Analysis, such a pit which should be conducted in the field, i.e. 15 minute hold time, are not included in this discussion. 5. Some Circuit Around Time (TAT) 6. Did the COC indicate standard TAT, or Expedited TAT? Yes 5. Sample cooler received? Yes 8. If yes, was cooler received? Yes 9. Was a sample cooler received? Yes 9. Was a sample cooler received in good condition? Yes 9. Was a sample cooler received in good condition? Yes 10. Were custody/security seals present? No 11. If yes, were custody/security seals present? No 12. Was a sample cooler received in good condition? Yes 13. If no visible ice, record the temperature. Actual sample temperature: $\frac{4^{OC}}{2^{OC}}$ 14. Arr caqueous 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 16. Is the head space less than 6-8 mm (pea sized or less)? NA 17. Was a tribuid (TB) included for VOC canalyses? NA 18. Are non-VOC samples collected in the correct containers? Yes 19. Use or somple collected? Yes 5. Sample ID? Yes 5. Sample Arease the former than one phase, i.e., multiphase? No 2. Are sample(s) correctly integrated for dissolved metals? No 5. Are sample have nore than one phase, i.e., multiphase? No 5. Are sample have more than one phase, i.e., multiphase? No 5. Are sample have more than one phase, i.e., multiphase? No 5. Are samples required to grate to a subcontract laborator? Yes 5. Are samples required to grate to a subcontract laborator? Yes 5. Sample Sample have more than one phase, i.e., multiphase? No 5. Are samples r	<ul> <li>I. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes Note: Analysis, such as play which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.</li> <li>I. To the COC indicate standard TAT, or Expedited TAT? Yes imple Cooler received? Yes yes apple cooler received? Yes yes was cooler received? Yes yes was cooler received? Yes yes was cooler received? Yes Note: Analysis, was a play for any the book of the temperature? No</li> <li>O. Were custody/security seals intact? No</li> <li>O. Were custody/security seals intact? No</li> <li>I. If yes, were custody/security seals intact? No</li> <li>I. If yes, were custody/security seals intact? No</li> <li>No the sample(s) received intermetire. Actual sample temperature: <u>4°C</u> is anyle contrainer of the temperature. Actual sample temperature: <u>4°C</u> is anyle container? Yes No.</li> <li>A. Are aqueous VOC samples collected? In the origin size of class? NA</li> <li>A. Are aqueous VOC samples collected in the eminimum information: Sample lobels filled out with the minimum information: No</li> <li>A. Are anon-VOC or field labels indicate the samples were preserved? No</li> <li>A. Is also fill</li></ul>					Carrier: Cou	rier		
Note: Analysis, such as pH wheth aboud be conducted in the field, is, it 5 minute hold time, ne not included in this discussion. Sample Color race used of the COC indicate standard TAT, or Expedited TAT? Ves Sample Color received? Ves 8. If yes, was cooler received? Yes 9. Was the sample (so cervice) finate, i.e., not broken? Yes 9. Was the sample (so cervice) finate, i.e., not broken? Yes 10. Were custody/security seals present? No 11. If yes, were custody/security seals intat? NA 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes No: The main preservation is not required, if samples are received wi 15 minutes of sampling 13. If no visible (expected in the temperature: <u>4°C</u> 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 (pen asized or less)? NA 17. Was at tip blank (TB) included for VOC analyses? NA 18. Are non-VOC samples collected in the minimum information: Sample ID? Yes Collectors name? Yes Sample ID? Yes Sample Low: 10. Does the COC of field blabelis indicate the sample were preserved? No 22. Are sample (s) correctly preserved? No 23. Are sample (s) correctly preserved? No 24. Is lab filteration required and/or requested for dissolved metals? Na 41. Is lab filteration required and/or requested for dissolved metals? Na 41. Is lab filteration required and/or requested for dissolved metals? Na 42. Is lab filteration required and/or requested for dissolved metals? Na 43. Is lab filteration required and/or requested for dissolved metals? Na 44. Is lab filteration required and/or requested for dissolved metals? Na 44. Is lab filteration required and/or requested for dissolved metals? Na 44. Is lab filteration required and/or requested for dissolved metals? Na 45. Shoes the sample have more than one phase, i.e., multiphase? Na 45. Are samples required to get sent to a subcontract laborator? Na 46. Shoes manple sequired to get sent to a subcontra	Note: Analysis, such as pl4 which aboud be conducted in the field, is, 15 minute hold time, are not included in this discussion. Simple Core received? Note a sample cooler received? Nas a sample cooler received? Nas as sample cooler received? Nas the sample(sp) received in good condition? Nas the sample(sp) received in tact, i.e., not broken? Nas the sample(sp) received intact, i.e., not broken? Nas the sample received on is not required. If yes, there could only security seals intact? Nas the sample received on is not required. If sample cooler temperature. Actual sample temperature: $\frac{1}{2}$ C sample Container If no visible core, record the temperature. Actual sample temperature: $\frac{1}{2}$ C sample Container If no visible core, record the temperature. Actual sample temperature: $\frac{1}{2}$ C sample Container If no visible core, record the temperature. Actual sample temperature: $\frac{1}{2}$ C sample Container If no visible core, record the temperature. Actual sample temperature: $\frac{1}{2}$ C sample Container If no visible containers? Nas a trip blank (TB) included for VOC analyses? Na the appropriate volume/weight or number of sample containers collected? Yes Teld Labol No ever field sample labels filled out with the minimum information: Sample ID? No ever field sample labels filled out with the minimum information: Sample ID? No ever field sample labels filled out with the minimum information: Sample CoC or field labels indicate the samples were preserved? No Attichabel Sample ID? No ever field sample labels filled out with the minimum information: Sample ID? No ever field sample labels indicate the samples were preserved? No Attichabel Sample ID? No Sample Simple Matrix Are sample Kource than one phase, i.e., multiphase? No Are sample faver more than one phase, i.e., multiphase? No Sare sample faver more tha	4. Was th	ne COC complete, i.e., signatures, dates/times, requested	analyses?		Currier. <u>Cor</u>			
6. Did the COC indicate standard TAT, or Expedited TAT?       Yes         Sample Cooler       Series         9. Was a sample cooler received in good condition?       Yes         9. Was the sample cooler received in good condition?       Yes         9. Was the sample cooler received in good condition?       Yes         10. Were custody/security seals present?       No         11. If yes, were custody/security seals intact?       NA         12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C       Yes         Mote: Thermal preservation is not required, if samples are received wit 15 minutes of sampling       Na         13. If no visible ice, record the temperature. Actual sample temperature: $\frac{4°C}{4°C}$ Yes         Sample Container       Na         14. Are aqueous VOC samples collected in VOA Vials?       NA         15. Are VOC samples collected in the correct containers?       Yes         16. Is the head space less than 6-8 mm (pea sized or less)?       NA         18. Are non-VOC samples collected?       Yes         20. Were field sample labels filled out with the minimum information:       Yes         21. Does the COC or field labels indicate the samples were preservet?       No         22. Are sample(s) correctly preserved?       Na         23. Are samples cocoller received nor ephase, i.e., multiphase?       Na <td>A. Did the COC indicate standard TAT, or Expedited TAT?       Yes         sample Cooler       Yes         NWas a sample cooler received?       Yes         1. If yes, was cooler received in good condition?       Yes         0. Were custody/security seals intact; i.e., not broken?       Yes         0. Were custody/security seals intat?       No         1. If yes, were custody/security seals intat?       NA         2. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°42°C       Yes         minute of sampling       Note: Thermal preservation is not required, if samples are received wil 15 minutes of samples of samples for the temperature: 4°C       Yes         3. If no visible ice, record the temperature. Actual sample temperature: 4°C       Yes         <i>A</i> Are aqueous VOC samples present?       No         5. Are VOC samples collected in VOA Vials?       NA         6. Is the head space less than 6-8 mm (pea sized or less)?       NA         8. Are non-VOC samples collected in the correct containers?       Yes         9. Is the appropriate volume/weight or number of sample containers collected?       Yes         10. Were field sample labels filled out with the minimum information:       Yes         11. Joos the COC or field labels indicate the samples were preserved?       No         2. Are sample(f.) correctly preserved?       No         &lt;</td> <td>5. Were</td> <td>Note: Analysis, such as pH which should be conducted in the</td> <td>e field,</td> <td>Yes</td> <td></td> <td></td> <td><u>Commen</u></td> <td>ts/Resolution</td>	A. Did the COC indicate standard TAT, or Expedited TAT?       Yes         sample Cooler       Yes         NWas a sample cooler received?       Yes         1. If yes, was cooler received in good condition?       Yes         0. Were custody/security seals intact; i.e., not broken?       Yes         0. Were custody/security seals intat?       No         1. If yes, were custody/security seals intat?       NA         2. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°42°C       Yes         minute of sampling       Note: Thermal preservation is not required, if samples are received wil 15 minutes of samples of samples for the temperature: 4°C       Yes         3. If no visible ice, record the temperature. Actual sample temperature: 4°C       Yes <i>A</i> Are aqueous VOC samples present?       No         5. Are VOC samples collected in VOA Vials?       NA         6. Is the head space less than 6-8 mm (pea sized or less)?       NA         8. Are non-VOC samples collected in the correct containers?       Yes         9. Is the appropriate volume/weight or number of sample containers collected?       Yes         10. Were field sample labels filled out with the minimum information:       Yes         11. Joos the COC or field labels indicate the samples were preserved?       No         2. Are sample(f.) correctly preserved?       No         <	5. Were	Note: Analysis, such as pH which should be conducted in the	e field,	Yes			<u>Commen</u>	ts/Resolution
Sample Cooler       Yes         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 intact?       No         11. If yes, were custody/security seals intact?       NA         12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C       Yes         Note: Thermal preservation is not required. If samples are received will 15       minutes of sampling         13. If no visible ice, record the temperature. Actual sample temperature: <u>4°C</u> Sample Container         14. Are aqueous VOC samples present?       NA         15. Are VOC samples collected in the correct containers?       Yes         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         DateTime Collected?       Yes         Collected?       Yes         DateTime Collected?       Yes         Collected?       Yes         DateTime Collected?       Yes         Collected?       Yes         A. Is able filteration required for dissolved metals?       No	sample Cooler       Yes         Was a sample cooler received?       Yes         If yes, was cooler received in good condition?       Yes         0. Were custody/security seals present?       No         1. If yes, were custody/security seals present?       No         2. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C       Yes         Note: Thermal preservation is not required. If samples are received wi 15 minutes of sampling       No         1. If vor, Sible ice, record the temperature. Actual sample temperature: <u>4°C</u> Are aqueous VOC samples present?         A. Are aqueous VOC samples present?       No         5. Are VOC samples collected in VOA Vials?       NA         8. Are non-VOC samples collected in the correct containers?       Yes         9. Is the appropriate volume/weight or number of sample containers collected?       Yes         0. Were field sample labels filled out with the minimum information: Sample 10?       Yes         Date/Time Collected?       Yes         2. Are sample(s) correctly preserved?       No         4. Is lab filteration required and/or requested for dissolved metals?       No         2. Are sample (abels indicate the samples were preserved?       No         2. Are sample(s) correctly preserved?       No         4. Is lab filteration required and/or requested for dissolved metals?	Sample '	<u>Turn Around Time (TAT)</u>			Γ			
7. Was a sample cooler received?       Yes         8. If yes, was cooler received in good condition?       Yes         9. Was the sample(s) received intact, i.e., not broken?       Yes         10. Were custody/security seals present?       No         11. If yes, were custody/security seals intact?       NA         12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C       Yes         Not: Themal preservation is not required, if samples are received wi 15 minutes of sampling       NA         13. If no visible ice, record the temperature. Actual sample temperature: 4°C       Xannet Container         14. A re aqueous VOC samples present?       No         15. Are bad 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         Field Label       Yes         20. Were field sample labels filled out with the minimum information: Sample ID?       Yes         Samule Coccor field labels indicate the samples were preserved?       No         21. Jose the COC or field labels indicate the samples were preserved?       No         21. Jose the COC or field labels indicate the samples were preserved?       No         21. Jose the COC or field labels indicate the samples were preserved?       No         21	Was a sample cooler received?       Yes         If yes, was cooler received in good condition?       Yes         Was the sample(s) received intact, i.e., not broken?       Yes         No       No         0. Were custody/security seals present?       No         1. If yes, were custody/security is a intact?       NA         2. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C       Yes         Not: Themal preservation is not required, if samples are received wit 15       minutes of sampling         3. If no visible ice, record the temperature. Actual sample temperature: 4°C       minutes of sampling         6. If no visible ice, record the temperature. Actual sample temperature: 4°C       NA         7. Was a trip blank (TB) included for VOC analyses?       NA         8. Are non-VOC samples collected in the correct containers?       Yes         9. Is the appropriate volume/weight or number of sample containers collected?       Yes         7. Was a trip blank (TB) included for VOC analyses?       NA         9. Use the appropriate volume/weight or number of sample containers collected?       Yes         7. Gollectors name?       Yes         0. Were field sample labels filled out with the minimum information:       Sample Collected?         2. Are sample(i) correctly preserved?       No         1. Jos the COC or field labels indicate the sa	6. Did th	e COC indicate standard TAT, or Expedited TAT?		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 in circ? If yes, the recorded temp is 4°C, i.e., 6°±2°C       Yes         Note: Thermal preservation is not required, if samples are received wil 15       minutes of sampling         13. If no visible ice, record the temperature. Actual sample temperature: $4°C$ Xes         Sample Container       No         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 onimum information:       Yes         Sample ID?       Yes         Data/Time Collected?       Yes         Collectors name?       Yes         Sample ID?       Yes         Data/Time Collected?       Yes         Collectors name?       No         21. Are sample (s) correctly preserved?       No         21. Loss the COC or field labels indicat the samples were preserved?       No	<ul> <li>I. I yes, was cooler received in good condition?</li> <li>Yes</li> <li>Was the sample(s) received intact, i.e., not broken?</li> <li>No</li> <li>0. Were custody/security seals present?</li> <li>No</li> <li>1. If yes, were custody/security seals intact?</li> <li>NAA</li> <li>2. Was the sample received on ice? If yes, the reorded temp is 4°C, i.e., 6°±2°C</li> <li>Yes</li> <li>Note: Thermal preservation is not required, if samples are received wi 15 minutes of sampling</li> <li>3. If no visible ice, record the temperature. Actual sample temperature: <u>4°C</u></li> <li><b>Sample Container</b></li> <li>4. Are aqueous VOC samples collected in VOA Vials?</li> <li>NA</li> <li>6. Is the head space less than 6-8 mm (pea sized or less)?</li> <li>NA</li> <li>7. Was a trip blank (TB) included for VOC analyses?</li> <li>NA</li> <li>8. Are non-VOC samples collected in the minimum information:</li> <li>Sample ID?</li> <li>Nater Time Collected?</li> <li>Yes</li> <li>Collectors name?</li> <li>Yes</li> <li><b>collected?</b></li> <li>Yes<!--</td--><td><u>Sample</u></td><td><u>Cooler</u></td><td></td><td></td><td></td><td></td><td></td><td></td></li></ul>	<u>Sample</u>	<u>Cooler</u>						
9. Was the sample(s) received intact, i.e., not broken?       Yes         10. Were custody/security seals present?       No         11. If yes, were custody/security seals intact?       NA         12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C       Yes         Not: Themal preservation is not required, if samples are received win 15 minutes of sampling       The preservation is not required, if samples are received win 15 minutes of samples collected in VOA Vials?         13. If no visible ice, record the temperature. Actual sample temperature: 4°C       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 at tip 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         Collectors name?       Yes         Sample Dr?       Yes         Date/Time Collected?       Yes         Collectors name?       Yes         Sample forservation       No         21. Does the COC or field labels indicate the samples were preserved?       No         Multiphase Sample Matrix       No	Was the sample(s) received intact, i.e., not broken?       Yes         0. Were custody/security seals present?       No         1. If yes, were custody/security seals intact?       NA         2. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C       Yes         Now: Thermal preservation is not required, if samples are received wi 15 minutes of sampling       The received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C         3. If no visible ice, record the temperature.       Actual sample temperature: $4°C$ Sample Container         4. Are aqueous VOC samples present?       No         5. Are VOC samples collected in VOA Vials?       NA         7. Was at rip blank (TB) included for VOC analyses?       NA         8. Are non-VOC samples collected?       Yes         Yes       Duet/Time Collected?       Yes         O. Were field sample labels filled out with the minimum information:       Sample Collected?         Sample Preservation       Yes         10. Does the COC or field labels indicate the samples were preserved?       No         A. Are sample(s) correctly preserved?       Na         4. Is lab filteration required and/or requested for dissolved metals?       No         Autiphase Sample Matrix       No         4. Is lab filteration required the samples were preserved?       Na         A. To sample(s)	7. Was a	sample cooler received?		Yes				
10. Were custody/security seals present?     No       11. If yes, were custody/security seals intact?     NA       12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C     Yes       Not: Themap preservation is not required, if samples are received wil 15 minutes of sampling     Yes       13. If no visible ice, record the temperature. Actual sample temperature: 4°C     Yes       Sample Container     Image: Sample Spresent?     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       Field Label     20. Were field sample labels filled out with the minimum information:     Sample Collected?       Sample fD?     Yes       Collectors name?     Yes       21. Does the COC or field labels indicate the samples were preserved?     No       21. Does the COC or field labels indicate the samples were preserved?     No       22. Are sample (b) correcity preserved?     Na       24. Ls lab filteration required and/or requested for dissolved metals?     No       21. Does the COC specify meter than one phase, i.e., multiphase?     No       Multiphase Sample Matrix     No       26. Are samples have more than one phase, i.e., multiphase?     No <t< td=""><td>0. Were custody/security seals present?       No         1. If yes, were custody/security seals intact?       NA         2. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C       Yes         Not: Themal preservation is not required, if samples are received wii 15       minutes of sampling         3. If no visible ice, record the temperature. Actual sample temperature: <u>4°C</u>       sample Container         4. Are aqueous VOC samples present?       No         5. Are VOC samples collected in VOA Vials?       NA         6. Is the head space less than 6-8 mm (pea sized or less)?       NA         7. Was a trip blank (TB) included for VOC analyses?       NA         8. Are non-VOC samples collected in the correct containers?       Yes         9. Is the appropriate volume/weight or number of sample containers collected?       Yes         O. Were field sample labels filled out with the minimum information:       Sample ID?         Sample ID?       Yes         Collectors name?       Yes         Collectors name?       Yes         2. Are sample(s) correctly preserved?       NA         4. Is lab filteration required and/or requested for dissolved metals?       No         4. Is lab filteration required and/or requested for dissolved metals?       No         4. Is lab filteration required to get sent to a subcontract laboratory?       No<td>8. If yes,</td><td>was cooler received in good condition?</td><td></td><td>Yes</td><td></td><td></td><td></td><td></td></td></t<>	0. Were custody/security seals present?       No         1. If yes, were custody/security seals intact?       NA         2. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C       Yes         Not: Themal preservation is not required, if samples are received wii 15       minutes of sampling         3. If no visible ice, record the temperature. Actual sample temperature: <u>4°C</u> sample Container         4. Are aqueous VOC samples present?       No         5. Are VOC samples collected in VOA Vials?       NA         6. Is the head space less than 6-8 mm (pea sized or less)?       NA         7. Was a trip blank (TB) included for VOC analyses?       NA         8. Are non-VOC samples collected in the correct containers?       Yes         9. Is the appropriate volume/weight or number of sample containers collected?       Yes         O. Were field sample labels filled out with the minimum information:       Sample ID?         Sample ID?       Yes         Collectors name?       Yes         Collectors name?       Yes         2. Are sample(s) correctly preserved?       NA         4. Is lab filteration required and/or requested for dissolved metals?       No         4. Is lab filteration required and/or requested for dissolved metals?       No         4. Is lab filteration required to get sent to a subcontract laboratory?       No <td>8. If yes,</td> <td>was cooler received in good condition?</td> <td></td> <td>Yes</td> <td></td> <td></td> <td></td> <td></td>	8. If yes,	was cooler received in good condition?		Yes				
11. If yes, were custody/security seals intact?       NA         12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C       Yes         Note: Thermal preservation is not required, if samples are received wit 15       winitues of sampling         13. If no visible ice, record the temperature: Actual sample temperature: 4°C       Yes         Sample Container       No         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         Date/Time Collected?       Yes         Collectors name?       Yes         Date/Time Collected?       Yes         Collectors name?       Yes         Sample for Correctly preserved?       NA         21. Does the COC or field labels indicate the samples were preserved?       No         22. Are sample(s) correctly preserved?       NA         24. Is lab filteration required and/or requested for dissolved metals?       No         23. The sen bethe COC spiceifly which phase(s) is to be analyzed?       <	1. If yes, were custody/security seals intact?       NA         2. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C       Yes         Note: Thermal preservation is not required, if samples are received with 15       minitates of sampling         3. If no visible ice, record the temperature. Actual sample temperature: 4°C       Image: 4°C         Sample Container       No         4. Are aqueous VOC samples present?       No         5. Are VOC samples collected in VOA Vials?       NA         6. Is the head space less than 6-8 mm (pea sized or less)?       NA         7. Was a trip blank (TB) included for VOC analyses?       NA         8. Are non-VOC samples collected in the correct containers?       Yes         9. Is the appropriat volume/weight or number of sample containers collected?       Yes         Outer field sample labels filled out with the minimum information:       Sample ID?         Yes       Yes         Outer Collected?       Yes         Collectors name?       Yes         Collectors name?       Yes         Date Time Collected?       Yes         Collectors name?       No         12. Are sample(s) correctly preserved?       No         24. Is lab filteration required and/or requested for dissolved metals?       No         Multiphase Sample have more than one	9. Was th	ne sample(s) received intact, i.e., not broken?		Yes				
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C       Yes         Note: Thermal preservation is not required, if samples are received wit 15       minutes of sampling         13. If no visible ice, record the temperature. Actual sample temperature: 4°C       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         Pield Label       Yes         20. Were field sample labels filled out with the minimum information:       Sample ID?         Sample ID?       Yes         Date/Time Collected?       Yes         Collectors name?       Yes         21. Does the COC or field labels indicate the samples were preserved?       No         21. Does the COC or specify which phase(s) is to be analyzed?       No         24. Is lab filteration required and/or requested for dissolved metals?       No         7. If yes, does the COC specify which phase(s) is to be analyzed?       Na         28. Are sample required to get sent to a subcontract laborator?       No         27. If yes, does the COC specify which phase(s) is to be analyzed?       <	2. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C       Yes         Note: Thermal preservation is not required, if samples are received w/i 15       minutes of sampling         3. If no visible ice, record the temperature. Actual sample temperature: <u>4°C</u> Are aqueous VOC samples present?         Kample Container       No         4. Are aqueous VOC samples present?       No         5. Are VOC samples collected in VOA Vials?       NA         6. Is the head space less than 6-8 mm (pea sized or less)?       NA         7. Was a trip blank (TB) included for VOC analyses?       NA         8. Are non-VOC samples collected in the correct containers?       Yes         9. Is the appropriate volume/weight or number of sample containers collected?       Yes         Outer field sample labels       Filed Label       Yes         10. Were field sample labels filled out with the minimum information:       Sample Tor:       Yes         Sample ID?       Yes       Yes         Collected?       Yes       Yes         Collected?       Yes       Yes         Date: Time Collected?       Yes       Yes         Sample ID?       Yes       Yes         Date: Time Collected?       No       Yes         2. Are sample(s) correctly preserved?       No       Yes	10. Were	e custody/security seals present?		No				
Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling         13. If no visible ice, record the temperature. Actual sample temperature: $4^{\circ}$ C         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         20. Were field sample labels filled out with the minimum information:       Sample ID?         Sample ID?       Yes         Date/Time Collected?       Yes         Collectors name?       Yes         21. Does the COC or field labels indicate the samples were preserved?       No         22. Are sample(s) correctly preserved?       Na         24. Is lab filteration required and/or requested for dissolved metals?       No         Multiphase Sample Matrix       No         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         28. Are samples required to get sent to a subcontract laboratory?       Na<	Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling       In ovisible ice, record the temperature. Actual sample temperature: 4°C         Sample Container       4. Are aqueous VOC samples present?       No         4. Are aqueous VOC samples collected in VOA Vials?       NA         5. Are VOC samples collected in VOA vials?       NA         6. Is the head space less than 6-8 mm (pea sized or less)?       NA         8. Are non-VOC samples collected in the correct containers?       Yes         9. Is the appropriate volume/weight or number of sample containers collected?       Yes         10. Were field sample labels filled out with the minimum information:       Sample ID?         Sample ID?       Yes         Date/Time Collected?       Yes         Collectors name?       Yes         2. Are sample(s) correctly preserved?       No         2. Are sample(s) correctly preserved?       No         4. Is lab filteration required and/or requested for dissolved metals?       No         7. If yes, does the COC specify which phase(s) is to be analyzed?       No         8. Are samples required to get sent to a subcontract laboratory?       No	11. If yes	s, were custody/security seals intact?		NA				
Sample Container       No         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       Yes         20. Were field sample labels filled out with the minimum information:       Yes         Sample ID?       Yes         Date Time Collected?       Yes         Collectors name?       Yes         Sample file?       No         21. Does the COC or field labels indicate the samples were preserved?       No         22. Are sample(s) correctly preserved?       NA         24. Is lab filteration required and/or requested for dissolved metals?       No         Multiphase Sample Matrix       Xo         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         Multiphase Sample Matrix       Xo         26. Does the sample have more than one phase, i.e., multiphase?       No	isample Container       No         4. Are aqueous VOC samples present?       No         5. Are VOC samples collected in VOA Vials?       NA         6. Is the head space less than 6-8 mm (pea sized or less)?       NA         7. Was a trip blank (TB) included for VOC analyses?       NA         8. Are non-VOC samples collected in the correct containers?       Yes         9. Is the appropriate volume/weight or number of sample containers collected?       Yes         9. Is the appropriate volume/weight or number of sample containers collected?       Yes         0. Were field sample labels filled out with the minimum information:       Yes         Sample ID?       Yes         Date/Time Collected?       Yes         Collectors name?       Yes         2. Are sample(s) correctly preserved?       No         4. Is lab filteration required and/or requested for dissolved metals?       No         4. Is lab filteration required and/or nequested for dissolved metals?       No         4. If yes, does the COC specify which phase(s) is to be analyzed?       No         47. If yes, does the COC specify which phase(s) is to be analyzed?       No         47. If yes, does the COC specify which phase(s) is to be analyzed?       No         47. If yes, does the COC specify which phase(s) is to be analyzed?       No         48. Are samples required to get s		Note: Thermal preservation is not required, if samples are rec minutes of sampling	ceived w/i 15					
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       Yes         20. Were field sample labels filled out with the minimum information:       Yes         Sample ID?       Yes         Date/Time Collected?       Yes         Collectors name?       Yes         Sample for correctly preserved?       No         21. Does the COC or field labels indicate the samples were preserved?       No         22. Are sample(s) correctly preserved?       NA         24. Is lab filteration required and/or requested for dissolved metals?       No         Multiphase Sample Matrix       Xo         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       No         28. Are samples required to get sent to a subcontract laboratory?       No	4. Are aqueous VOC samples present?       No         5. Are VOC samples collected in VOA Vials?       NA         6. Is the head space less than 6-8 mm (pea sized or less)?       NA         7. Was a trip blank (TB) included for VOC analyses?       NA         8. Are non-VOC samples collected in the correct containers?       Yes         9. Is the appropriate volume/weight or number of sample containers collected?       Yes         7. Was a trip blank (TB) included for VOC analyses?       NA         8. Are non-VOC samples collected in the correct containers?       Yes         9. Is the appropriate volume/weight or number of sample containers collected?       Yes         7. Was a trip blank (TB) included for VOC analyses?       NA         9. Is the appropriate volume/weight or number of sample containers collected?       Yes         7. Was a trip blank (TB) included to the minimum information:       Sample Trieservation         9. Were field sample labels filled out with the minimum information:       Yes         Sample Preservation       Yes         11. Does the COC or field labels indicate the samples were preserved?       No         12. Are sample(s) correctly preserved?       No         14. Is lab filteration required and/or requested for dissolved metals?       No         17. If yes, does the COC specify which phase(is) is to be analyzed?       Na         Arbeont	13. If no	visible ice, record the temperature. Actual sample tem	nperature: <u>4°</u>	<u>'C</u>				
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         19. Is the appropriate volume/weight or number of sample containers collected?       Yes         20. Were field sample labels filled out with the minimum information:       Sample ID?         Sample ID?       Yes         Date/Time Collected?       Yes         Collectors name?       Yes         21. Does the COC or field labels indicate the samples were preserved?       No         22. Are sample(s) correctly preserved?       NA         24. Is lab filteration required and/or requested for dissolved metals?       No         25. Does the SCOC specify which phase(s) is to be analyzed?       Na         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       Na         28. Are samples required to get sent to a subcontract laboratory?       No	5. Are VOC samples collected in VOA Vials?       NA         6. Is the head space less than 6-8 mm (pea sized or less)?       NA         7. Was a trip blank (TB) included for VOC analyses?       NA         8. Are non-VOC samples collected in the correct containers?       Yes         9. Is the appropriate volume/weight or number of sample containers collected?       Yes <b>?ield Label</b> Yes         0. Were field sample labels filled out with the minimum information:       Sample ID?         Sample ID?       Yes         Date/Time Collected?       Yes         Collectors name?       Yes         21. Does the COC or field labels indicate the samples were preserved?       No         22. Are sample(s) correctly preserved?       No         24. Is lab filteration required and/or requested for dissolved metals?       No         72. If yes, does the COC specify which phase(s) is to be analyzed?       NA         73. If yes, does the COC specify which phase(s) is to be analyzed?       NA         74. Bab required to get sent to a subcontract laboratory?       No	<u>Sample</u>	<u>Container</u>						
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       Yes         20. Were field sample labels filled out with the minimum information:       Yes         Sample ID?       Yes         Date/Time Collected?       Yes         Collectors name?       Yes         21. Does the COC or field labels indicate the samples were preserved?       No         22. Are sample(s) correctly preserved?       No         24. Is lab filteration required and/or requested for dissolved metals?       No         Multiphase Sample Matrix       Yes         26. Does the sample have more than one phase, i.e., multiphase?       No         7. If yes, does the COC specify which phase(s) is to be analyzed?       NA         Subcontract Laboratory       No         Subcontract Laboratory       No	6. Is the head space less than 6-8 mm (pea sized or less)?       NA         7. Was a trip blank (TB) included for VOC analyses?       NA         8. Are non-VOC samples collected in the correct containers?       Yes         9. Is the appropriate volume/weight or number of sample containers collected?       Yes         9. Is the appropriate volume/weight or number of sample containers collected?       Yes         7. Were field sample labels filled out with the minimum information:       Sample ID?         9. Date/Time Collected?       Yes         Collectors name?       Yes         Collectors name?       Yes         21. Does the COC or field labels indicate the samples were preserved?       No         22. Are sample(s) correctly preserved?       No         23. Are sample fave more than one phase, i.e., multiphase?       No         41. Is lab filteration required and/or requested for dissolved metals?       No         42. Is got the COC specify which phase(s) is to be analyzed?       No         43. Is lab constract Laboratory.       No         44. Is lab filteration required to get sent to a subcontract laboratory?       No         45. Are sample have more than one phase, i.e., multiphase?       No         46. Does the sample have more than one phase, i.e., multiphase?       No         47. If yes, does the COC specify which phase(s) is to be analyzed?	14. Are a	aqueous VOC samples present?		No				
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         21. Does the COC or field labels indicate the samples were preserved?       No         22. Are sample(s) correctly preserved?       NA         24. Is lab filteration required and/or requested for dissolved metals?       No         Multiphase Sample Matrix       No         26. Does the sample have more than one phase, i.e., multiphase?       No         7. If yes, does the COC specify which phase(s) is to be analyzed?       NA         Subcontract Laboratory       No         28. Are samples required to get sent to a subcontract laboratory?       No	7. Was a trip blank (TB) included for VOC analyses?       NA         8. Are non-VOC samples collected in the correct containers?       Yes         9. Is the appropriate volume/weight or number of sample containers collected?       Yes         9. Is the appropriate volume/weight or number of sample containers collected?       Yes         7. Was a trip blank (TB) included for VOC analyses?       NA         9. Is the appropriate volume/weight or number of sample containers collected?       Yes         9. Is the appropriate volume/weight or number of sample containers collected?       Yes         7. Was a trip blank (TB) included for VOC analyses?       Na         9. Is the appropriate volume/weight or number of sample containers collected?       Yes         7. Was a trip blank (TB) included for VOC analyses?       Yes         9. Sample ID?       Yes         0. Olectors name?       Yes         Collectors name?       Yes         0. Does the COC or field labels indicate the samples were preserved?       No         12. Are sample(s) correctly preserved?       No         4. Is lab filteration required and/or requested for dissolved metals?       No         4. Is lab filteration required and/or requested for dissolved metals?       No         7. If yes, does the COC specify which phase(s) is to be analyzed?       NA         6. Does the sample have more than one phase, i.e	15. Are '	VOC samples collected in VOA Vials?		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       Yes         20. Were field sample labels filled out with the minimum information:       Yes         Sample ID?       Yes         Date/Time Collected?       Yes         Collectors name?       Yes         21. Does the COC or field labels indicate the samples were preserved?       No         22. Are sample(s) correctly preserved?       NA         24. Is lab filteration required and/or requested for dissolved metals?       No         Multiphase Sample Matrix       No         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       No         28. Are samples required to get sent to a subcontract laboratory?       No	8. Are non-VOC samples collected in the correct containers?       Yes         9. Is the appropriate volume/weight or number of sample containers collected?       Yes         7.64d Label       Yes         10. Were field sample labels filled out with the minimum information:       Sample ID?         Sample ID?       Yes         Date/Time Collected?       Yes         Collectors name?       Yes         11. Does the COC or field labels indicate the samples were preserved?       No         12. Are sample(s) correctly preserved?       NA         14. Is lab filteration required and/or requested for dissolved metals?       No         7.11 fyes, does the COC specify which phase(s) is to be analyzed?       No         7.11 fyes, does the COC specify which phase(s) is to be analyzed?       Na         7.11 fyes, does the COC specify which phase(s) is to be analyzed?       Na         7.11 fyes, does the COC specify which phase(s) is to be analyzed?       Na         7.11 fyes, does the COC specify which phase(s) is to be analyzed?       Na         7.12 field sample required to get sent to a subcontract laboratory?       No	16. Is the	e head space less than 6-8 mm (pea sized or less)?		NA				
19. Is the appropriate volume/weight or number of sample containers collected?       Yes         Field Label	9. Is the appropriate volume/weight or number of sample containers collected?       Yes         Sided Label				NA				
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       Yes         21. Does the COC or field labels indicate the samples were preserved?       No         22. Are sample(s) correctly preserved?       NA         24. Is lab filteration required and/or requested for dissolved metals?       No         Multiphase Sample Matrix       Xo         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       Xo         28. Are samples required to get sent to a subcontract laboratory?       No	Sided Label         00. Were field sample labels filled out with the minimum information:         Sample ID?       Yes         Date/Time Collected?       Yes         Collectors name?       Yes         Sample Preservation       Yes         P1. Does the COC or field labels indicate the samples were preserved?       No         P2. Are sample(s) correctly preserved?       NA         P4. Is lab filteration required and/or requested for dissolved metals?       No         Multiphase Sample Matrix       Yes         P6. Does the sample have more than one phase, i.e., multiphase?       No         Yes, does the COC specify which phase(s) is to be analyzed?       NA         Subcontract Laboratory       No         We samples required to get sent to a subcontract laboratory?       No								
20. Were field sample labels filled out with the minimum information:       Yes         Sample ID?       Yes         Date/Time Collected?       Yes         Collectors name?       Yes         Sample Preservation       Yes         21. Does the COC or field labels indicate the samples were preserved?       No         22. Are sample(s) correctly preserved?       NA         24. Is lab filteration required and/or requested for dissolved metals?       No         Multiphase Sample Matrix       Yes         26. Does the sample have more than one phase, i.e., multiphase?       No         77. If yes, does the COC specify which phase(s) is to be analyzed?       NA         Subcontract Laboratory       No         28. Are samples required to get sent to a subcontract laboratory?       No	20. Were field sample labels filled out with the minimum information:       Yes         Sample ID?       Yes         Date/Time Collected?       Yes         Collectors name?       Yes         Sample Preservation       Yes         P1. Does the COC or field labels indicate the samples were preserved?       No         P2. Are sample(s) correctly preserved?       NA         P4. Is lab filteration required and/or requested for dissolved metals?       No         Multiphase Sample Matrix       Yes         P6. Does the sample have more than one phase, i.e., multiphase?       No         P7. If yes, does the COC specify which phase(s) is to be analyzed?       NA         Subcontract Laboratory       No         P8. Are samples required to get sent to a subcontract laboratory?       No			collected?	Yes				
Sample ID?YesDate/Time Collected?YesCollectors name?YesSample PreservationYes21. Does the COC or field labels indicate the samples were preserved?No22. Are sample(s) correctly preserved?NA24. Is lab filteration required and/or requested for dissolved metals?NoMultiphase Sample MatrixYes26. Does the sample have more than one phase, i.e., multiphase?No27. If yes, does the COC specify which phase(s) is to be analyzed?NaSubcontract LaboratoryNa28. Are samples required to get sent to a subcontract laboratory?No	Sample ID?       Yes         Date/Time Collected?       Yes         Collectors name?       Yes         Sample Preservation       Yes         11. Does the COC or field labels indicate the samples were preserved?       No         22. Are sample(s) correctly preserved?       NA         24. Is lab filteration required and/or requested for dissolved metals?       No         Multiphase Sample Matrix       No         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       No         28. Are samples required to get sent to a subcontract laboratory?       No								
Date/Time Collected? Collectors name?YesSample PreservationYes21. Does the COC or field labels indicate the samples were preserved?No22. Are sample(s) correctly preserved?NA24. Is lab filteration required and/or requested for dissolved metals?NoMultiphase Sample MatrixNo26. Does the sample have more than one phase, i.e., multiphase?No27. If yes, does the COC specify which phase(s) is to be analyzed?NaSubcontract LaboratoryNa28. Are samples required to get sent to a subcontract laboratory?No	Date/Time Collected?       Yes         Collectors name?       Yes         Sample Preservation       Yes         21. Does the COC or field labels indicate the samples were preserved?       No         22. Are sample(s) correctly preserved?       NA         24. Is lab filteration required and/or requested for dissolved metals?       No         Multiphase Sample Matrix       No         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       No         28. Are samples required to get sent to a subcontract laboratory?       No		•	ation:	Vac				
Collectors name?YesSample PreservationVes21. Does the COC or field labels indicate the samples were preserved?No22. Are sample(s) correctly preserved?NA24. Is lab filteration required and/or requested for dissolved metals?NoMultiphase Sample MatrixNo26. Does the sample have more than one phase, i.e., multiphase?No27. If yes, does the COC specify which phase(s) is to be analyzed?NaSubcontract LaboratoryNa28. Are samples required to get sent to a subcontract laboratory?No	Collectors name?     Yes       Sample Preservation     No       21. Does the COC or field labels indicate the samples were preserved?     No       22. Are sample(s) correctly preserved?     NA       24. Is lab filteration required and/or requested for dissolved metals?     No       Multiphase Sample Matrix     No       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     NA       28. Are samples required to get sent to a subcontract laboratory?     No		1			L			
Sample Preservation21. Does the COC or field labels indicate the samples were preserved?No22. Are sample(s) correctly preserved?NA24. Is lab filteration required and/or requested for dissolved metals?NoMultiphase Sample Matrix	Sample Preservation       No         11. Does the COC or field labels indicate the samples were preserved?       No         12. Are sample(s) correctly preserved?       NA         14. Is lab filteration required and/or requested for dissolved metals?       No         16. Does the sample Matrix       No         17. If yes, does the COC specify which phase(s) is to be analyzed?       No         18. Are samples required to get sent to a subcontract laboratory?       No								
22. Are sample(s) correctly preserved?       NA         24. Is lab filteration required and/or requested for dissolved metals?       No         Multiphase Sample Matrix       No         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       NA         28. Are samples required to get sent to a subcontract laboratory?       No	12. Are sample(s) correctly preserved?       NA         14. Is lab filteration required and/or requested for dissolved metals?       No         14. Is lab filteration required and/or requested for dissolved metals?       No         15. Does the sample have more than one phase, i.e., multiphase?       No         16. Does the COC specify which phase(s) is to be analyzed?       NA         17. If yes, does the COC specify which phase(s) is to be analyzed?       NA         18. Are samples required to get sent to a subcontract laboratory?       No	Sample	Preservation						
24. Is lab filteration required and/or requested for dissolved metals?       No         Multiphase Sample Matrix       26. Does the sample have more than one phase, i.e., multiphase?       No         26. Does the core specify which phase(s) is to be analyzed?       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       No	24. Is lab filteration required and/or requested for dissolved metals?       No         Multiphase Sample Matrix       No         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       NA         28. Are samples required to get sent to a subcontract laboratory?       No	21. Does	s the COC or field labels indicate the samples were prese	rved?	No				
Multiphase Sample Matrix       No         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       No	Multiphase Sample Matrix       No         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       NA         28. Are samples required to get sent to a subcontract laboratory?       No	22. Are s	sample(s) correctly preserved?		NA				
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       NA         28. Are samples required to get sent to a subcontract laboratory?       No	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       NA         28. Are samples required to get sent to a subcontract laboratory?       No	24. Is lat	o filteration required and/or requested for dissolved meta	ls?	No				
27. If yes, does the COC specify which phase(s) is to be analyzed?       NA         Subcontract Laboratory       NA         28. Are samples required to get sent to a subcontract laboratory?       No	7. If yes, does the COC specify which phase(s) is to be analyzed?       NA         Subcontract Laboratory       NA         8. Are samples required to get sent to a subcontract laboratory?       No	<u>Multiph</u>	ase Sample Matrix						
Subcontract Laboratory       No         28. Are samples required to get sent to a subcontract laboratory?       No	Subcontract Laboratory 8. Are samples required to get sent to a subcontract laboratory? No	26. Does	the sample have more than one phase, i.e., multiphase?		No				
28. Are samples required to get sent to a subcontract laboratory? No	8. Are samples required to get sent to a subcontract laboratory? No	27. If ye	s, does the COC specify which phase(s) is to be analyzed	1?	NA				
28. Are samples required to get sent to a subcontract laboratory? No	8. Are samples required to get sent to a subcontract laboratory? No	Subcont	ract Laboratory						
		-			No				
				who?		Subcontract Lab.	NA		

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







5796 U.S. Hwy 64 Farmington, NM 87401

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





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**Practical Solutions for a Better Tomorrow** 

# **Analytical Report**

# WPX Energy - Carlsbad

**Project Name:** 

**RDX 16-9H** 

Work Order: E306235

Job Number: 01058-0007

> Received: 6/30/2023

> > **Revision: 1**

**Report Reviewed By:** 

Walter Hinchman Laboratory Director 7/10/23

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

Date Reported: 7/10/23

Joseph Hernandez 5315 Buena Vista Dr Carlsbad, NM 88220

Project Name: RDX 16-9H Workorder: E306235 Date Received: 6/30/2023 8:20:00AM

Joseph Hernandez,





Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/30/2023 8:20:00AM, under the Project Name: RDX 16-9H.

The analytical test results summarized in this report with the Project Name: RDX 16-9H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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# Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
PH04 0.5'	5
PH04 1'	6
PH05 0.5'	7
PH05 1'	8
PH06 0.5'	9
PH06 1'	10
QC Summary Data	11
QC - Volatile Organics by EPA 8021B	11
QC - Nonhalogenated Organics by EPA 8015D - GRO	12
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	13
QC - Anions by EPA 300.0/9056A	14
Definitions and Notes	15
Chain of Custody etc.	16

## Sample Summary

## Page 175 of 218

		Sumple Sum	iiiai y		
WPX Energy - Carlsbad		Project Name:	RDX 16-9H		Reported:
5315 Buena Vista Dr		Project Number:	01058-0007		Reported.
Carlsbad NM, 88220		Project Manager:	Joseph Hernandez		07/10/23 15:14
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
PH04 0.5'	E306235-01A	Soil	06/28/23	06/30/23	Glass Jar, 2 oz.
PH04 1'	E306235-02A	Soil	06/28/23	06/30/23	Glass Jar, 2 oz.
PH05 0.5'	E306235-03A	Soil	06/28/23	06/30/23	Glass Jar, 2 oz.
PH05 1'	E306235-04A	Soil	06/28/23	06/30/23	Glass Jar, 2 oz.
РН06 0.5'	E306235-05A	Soil	06/28/23	06/30/23	Glass Jar, 2 oz.
PH06 1'	E306235-06A	Soil	06/28/23	06/30/23	Glass Jar, 2 oz.



	5	ampic D	ala			
WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Project Numb Project Manag	er: 010:	K 16-9H 58-0007 ph Hernandez			<b>Reported:</b> 7/10/2023 3:14:50PM
		PH04 0.5'				
		E306235-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	ıt: SL		Batch: 2326082
Benzene	ND	0.0250	1	06/30/23	07/06/23	
Ethylbenzene	ND	0.0250	1	06/30/23	07/06/23	
Foluene	ND	0.0250	1	06/30/23	07/06/23	
p-Xylene	ND	0.0250	1	06/30/23	07/06/23	
o,m-Xylene	ND	0.0500	1	06/30/23	07/06/23	
Total Xylenes	ND	0.0250	1	06/30/23	07/06/23	
Surrogate: 4-Bromochlorobenzene-PID		95.6 %	70-130	06/30/23	07/06/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2326082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/23	07/06/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.6 %	70-130	06/30/23	07/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	ıt: KM		Batch: 2327032
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/07/23	
Surrogate: n-Nonane		117 %	50-200	07/06/23	07/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	it: BA		Batch: 2327018
Chloride	247	20.0	1	07/05/23	07/07/23	

## Sample Data



	50	ampie D	ala			
WPX Energy - Carlsbad 5315 Buena Vista Dr	Project Name: Project Numb		X 16-9H 58-0007			Reported:
Carlsbad NM, 88220	Project Manag		ph Hernandez			7/10/2023 3:14:50PM
		PH04 1'				
		E306235-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2326082
Benzene	ND	0.0250	1	06/30/23	07/06/23	
Ethylbenzene	ND	0.0250	1	06/30/23	07/06/23	
Toluene	ND	0.0250	1	06/30/23	07/06/23	
p-Xylene	ND	0.0250	1	06/30/23	07/06/23	
o,m-Xylene	ND	0.0500	1	06/30/23	07/06/23	
Fotal Xylenes	ND	0.0250	1	06/30/23	07/06/23	
Surrogate: 4-Bromochlorobenzene-PID		95.4 %	70-130	06/30/23	07/06/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2326082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/23	07/06/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.3 %	70-130	06/30/23	07/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: KM		Batch: 2327032
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/07/23	
Dil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/07/23	
Surrogate: n-Nonane		116 %	50-200	07/06/23	07/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2327018
Chloride	214	20.0	1	07/05/23	07/07/23	



	5	ampic D	ala			
WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Project Numbe Project Manag	er: 010	X 16-9H 58-0007 ph Hernandez			<b>Reported:</b> 7/10/2023 3:14:50PM
		PH05 0.5'				
		E306235-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	Analyst: SL		Batch: 2326082
Benzene	ND	0.0250	1	06/30/23	07/06/23	
Ethylbenzene	ND	0.0250	1	06/30/23	07/06/23	
Toluene	ND	0.0250	1	06/30/23	07/06/23	
o-Xylene	ND	0.0250	1	06/30/23	07/06/23	
o,m-Xylene	ND	0.0500	1	06/30/23	07/06/23	
Total Xylenes	ND	0.0250	1	06/30/23	07/06/23	
Surrogate: 4-Bromochlorobenzene-PID		95.7 %	70-130	06/30/23	07/06/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2326082	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/23	07/06/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.4 %	70-130	06/30/23	07/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	/kg Analyst: KM			Batch: 2327032
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/07/23	
Surrogate: n-Nonane		113 %	50-200	07/06/23	07/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2327018	
Chloride	184	20.0	1	07/05/23	07/07/23	



	5	ampie D	ala			
WPX Energy - Carlsbad 5315 Buena Vista Dr	Project Name: Project Numbe	er: 010	RDX 16-9H 01058-0007			Reported:
Carlsbad NM, 88220	Project Manager: Joseph Hernandez					7/10/2023 3:14:50PM
		PH05 1'				
		E306235-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	Analyst: SL		Batch: 2326082
Benzene	ND	0.0250	1	06/30/23	07/06/23	
Ethylbenzene	ND	0.0250	1	06/30/23	07/06/23	
Toluene	ND	0.0250	1	06/30/23	07/06/23	
p-Xylene	ND	0.0250	1	06/30/23	07/06/23	
o,m-Xylene	ND	0.0500	1	06/30/23	07/06/23	
Total Xylenes	ND	0.0250	1	06/30/23	07/06/23	
Surrogate: 4-Bromochlorobenzene-PID		95.4 %	70-130	06/30/23	07/06/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2326082	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/23	07/06/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.8 %	70-130	06/30/23	07/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g/kg Analyst: KM		Batch: 2327032	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/07/23	
Dil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/07/23	
Surrogate: n-Nonane		108 %	50-200	07/06/23	07/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	g Analyst: BA			Batch: 2327018
Chloride	472	20.0	1	07/05/23	07/07/23	



	5		ala			
WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Project Numbe Project Manag	er: 010	X 16-9H 58-0007 ph Hernandez			<b>Reported:</b> 7/10/2023 3:14:50PM
		PH06 0.5'				
		E306235-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2326082	
Benzene	ND	0.0250	1	06/30/23	07/06/23	
Ethylbenzene	ND	0.0250	1	06/30/23	07/06/23	
Toluene	ND	0.0250	1	06/30/23	07/06/23	
o-Xylene	ND	0.0250	1	06/30/23	07/06/23	
o,m-Xylene	ND	0.0500	1	06/30/23	07/06/23	
Total Xylenes	ND	0.0250	1	06/30/23	07/06/23	
Surrogate: 4-Bromochlorobenzene-PID		94.0 %	70-130	06/30/23	07/06/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2326082	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/23	07/06/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.0 %	70-130	06/30/23	07/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g Analyst: KM			Batch: 2327032
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/07/23	
Surrogate: n-Nonane		109 %	50-200	07/06/23	07/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2327018	
Chloride	200	20.0	1	07/05/23	07/07/23	


	5	ample D	ala			
WPX Energy - Carlsbad	Project Name:	: RD2	К 16-9Н			
5315 Buena Vista Dr	Project Numb	er: 010	58-0007			Reported:
Carlsbad NM, 88220	Project Manag	ger: Jose	ph Hernandez			7/10/2023 3:14:50PM
		PH06 1'				
		E306235-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2326082
Benzene	ND	0.0250	1	06/30/23	07/06/23	
Ethylbenzene	ND	0.0250	1	06/30/23	07/06/23	
Foluene	ND	0.0250	1	06/30/23	07/06/23	
p-Xylene	ND	0.0250	1	06/30/23	07/06/23	
o,m-Xylene	ND	0.0500	1	06/30/23	07/06/23	
Fotal Xylenes	ND	0.0250	1	06/30/23	07/06/23	
Surrogate: 4-Bromochlorobenzene-PID		96.0 %	70-130	06/30/23	07/06/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2326082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/23	07/06/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.9 %	70-130	06/30/23	07/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2327032
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/07/23	
Dil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/07/23	
Surrogate: n-Nonane		113 %	50-200	07/06/23	07/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2327018
Chloride	462	20.0	1	07/05/23	07/07/23	



# QC Summary Data

		<b>X V N</b>	<i>u</i>	- 5					
WPX Energy - Carlsbad 5315 Buena Vista Dr		Project Name: Project Number:		DX 16-9H 1058-0007					Reported:
Carlsbad NM, 88220		Project Manager:		oseph Hernand	ez				7/10/2023 3:14:50PM
		Volatile O	rganics b	oy EPA 802	1 <b>B</b>				Analyst: SL
Analyte		Reporting	Spike	Source		Rec		RPD	
i indig to	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2326082-BLK1)							Prepared: 0	6/30/23 A	nalyzed: 07/06/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.61	010200	8.00		95.1	70-130			
LCS (2326082-BS1)							Prepared: 0	6/30/23 A	nalyzed: 07/06/23
Benzene	4.94	0.0250	5.00		98.7	70-130			
Ethylbenzene	4.83	0.0250	5.00		96.5	70-130			
Toluene	4.92	0.0250	5.00		98.4	70-130			
p-Xylene	4.86	0.0250	5.00		97.3	70-130			
p,m-Xylene	9.80	0.0500	10.0		98.0	70-130			
Total Xylenes	14.7	0.0250	15.0		97.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.62		8.00		95.3	70-130			
Matrix Spike (2326082-MS1)				Source:	E306232-(	04	Prepared: 0	6/30/23 A	nalyzed: 07/06/23
Benzene	4.92	0.0250	5.00	ND	98.4	54-133			
Ethylbenzene	4.81	0.0250	5.00	ND	96.2	61-133			
Toluene	4.92	0.0250	5.00	ND	98.3	61-130			
o-Xylene	4.84	0.0250	5.00	ND	96.9	63-131			
p,m-Xylene	9.79	0.0500	10.0	ND	97.9	63-131			
Total Xylenes	14.6	0.0250	15.0	ND	97.5	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.70		8.00		96.2	70-130			
Matrix Spike Dup (2326082-MSD1)				Source:	E306232-(	04	Prepared: 0	6/30/23 A	nalyzed: 07/06/23
Benzene	5.18	0.0250	5.00	ND	104	54-133	5.15	20	
Ethylbenzene	5.10	0.0250	5.00	ND	102	61-133	5.95	20	
Toluene	5.18	0.0250	5.00	ND	104	61-130	5.32	20	
o-Xylene	5.11	0.0250	5.00	ND	102	63-131	5.37	20	
p,m-Xylene	10.4	0.0500	10.0	ND	104	63-131	5.89	20	
·· -									
Total Xylenes	15.5	0.0250	15.0	ND	103	63-131	5.71	20	



# **QC Summary Data**

		QC D	umm	ary Data	a				
WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220		Project Name: Project Number: Project Manager	0	DX 16-9H 1058-0007 oseph Hernand	ez				<b>Reported:</b> 7/10/2023 3:14:50PM
	Nor	nhalogenated (		•		RO			Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2326082-BLK1)							Prepared: 0	6/30/23 A	nalyzed: 07/06/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.31		8.00		91.4	70-130			
LCS (2326082-BS2)							Prepared: 0	6/30/23 A	nalyzed: 07/06/23
Gasoline Range Organics (C6-C10)	44.3	20.0	50.0		88.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.8	70-130			
Matrix Spike (2326082-MS2)				Source:	E306232-(	04	Prepared: 0	6/30/23 A	nalyzed: 07/06/23
Gasoline Range Organics (C6-C10)	45.6	20.0	50.0	ND	91.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-F1D	7.21		8.00		90.1	70-130			
Matrix Spike Dup (2326082-MSD2)				Source:	E306232-(	04	Prepared: 0	6/30/23 A	nalyzed: 07/06/23
Gasoline Range Organics (C6-C10)	47.2	20.0	50.0	ND	94.4	70-130	3.40	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.31		8.00		91.4	70-130			

# QC Summary Data

		QU DI		ii y Date	-				
WPX Energy - Carlsbad 5315 Buena Vista Dr		Project Name: Project Number:	0	DX 16-9H 1058-0007					Reported:
Carlsbad NM, 88220		Project Manager:	Jo	oseph Hernand	ez				7/10/2023 3:14:50PM
	Nonh	alogenated Org	anics by	EPA 8015E	) - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2327032-BLK1)							Prepared: 0	7/06/23 A	analyzed: 07/07/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.0		50.0		108	50-200			
LCS (2327032-BS1)							Prepared: 0	7/06/23 A	analyzed: 07/07/23
Diesel Range Organics (C10-C28)	284	25.0	250		114	38-132			
Surrogate: n-Nonane	54.2		50.0		108	50-200			
Matrix Spike (2327032-MS1)				Source:	E306237-(	07	Prepared: 0	7/06/23 A	analyzed: 07/07/23
Diesel Range Organics (C10-C28)	369	25.0	250	76.9	117	38-132			
Surrogate: n-Nonane	56.9		50.0		114	50-200			
Matrix Spike Dup (2327032-MSD1)				Source:	E306237-(	07	Prepared: 0	7/06/23 A	analyzed: 07/07/23
Diesel Range Organics (C10-C28)	317	25.0	250	76.9	96.1	38-132	15.1	20	
Surrogate: n-Nonane	54.5		50.0		109	50-200			



# **QC Summary Data**

		$\mathbf{x} \mathbf{v} \sim$	•••••••						
WPX Energy - Carlsbad 5315 Buena Vista Dr		Project Name: Project Number:		RDX 16-9H 01058-0007					Reported:
Carlsbad NM, 88220		Project Manager		oseph Hernand	lez				7/10/2023 3:14:50PM
Curisbud Mill, 00220				•					
		Anions	by EPA	300.0/9056	4				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2327018-BLK1)							Prepared: 0	7/05/23	Analyzed: 07/06/23
Chloride	ND	20.0							
LCS (2327018-BS1)							Prepared: 0	7/05/23	Analyzed: 07/06/23
Chloride	265	20.0	250		106	90-110			
Matrix Spike (2327018-MS1)				Source:	E306234-0	)1	Prepared: 0	7/05/23	Analyzed: 07/06/23
Chloride	427	20.0	250	153	110	80-120			
Matrix Spike Dup (2327018-MSD1)				Source:	E306234-0	)1	Prepared: 0	7/05/23	Analyzed: 07/06/23
Chloride	418	20.0	250	153	106	80-120	2.14	20	

QC Summary Report Comment:

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



	_ •		
WPX Energy - Carlsbad	Project Name:	RDX 16-9H	
5315 Buena Vista Dr	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Joseph Hernandez	07/10/23 15:14

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



Page 186 of 218

### Project Information

### Chain of Custody

### Page 1 of 1

Client: W	PX Energy Per	rmian LLC			Bill To				La	ab Us	se On	nly		TAT				EPA P	rogram	
	DX 16-9H				Attention: Jim Raley		Lab	WO#			Job	Num	ber	10	20	3D	St	andard	CWA	SDW
	lanager: Josep				Address: 5315 Buena Vista		E	3du	223	5			-0007				5	day TAT		
Address:	13000 W Cou	nty Rd 10	00		City, State, Zip: Carlsbad, I	NM, 88220	-	100	_		Analy	ysis a	nd Metho	ď	-		24			RCRA
	e, Zip_Odessa		5		Phone: 575-885-7502		11111	yd C				110		1		1				2
	281) 702-2329				Email: jim.raley@dvn.com	1		ORC		111		1.1							State	
	von-team@e		com		WBS/WO: 21191055		- 1	OHO)	51	0	0	0.0		NN		×		NM CO	UT AZ	TX
Collected	by: Edyte Ko	nan			Incident ID: nAPP2316445	941	- E	0/0	y 80	826	601	e 30				1/21				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Numb	Depth(ft.)	TPH GRO/DRO/ORO hy B015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		RGDOC		GDOC		1	Remarks	
13:00	6/28/2023	5	1	-	PH04	1	0.5							>						
13:10	6/28/2023	s	1		PH04	2	1'							>						
13:20	6/28/2023	S	1		PH05	3	0.5	1						)						
13:30	6/28/2023	S	1		PH05	4	1'							>	:					
13:40	6/28/2023	s	1		PH06	5	0.5	1						>						
13:50	6/28/2023	5	1		PH06	6	1'							>					/	
												0				-	-			
			list								frig	B		T	T					
		1	10	1						1	1	0		T						
/						/	1							t						
Addition	al Instruction	ns:		ł			-			-	-	-				1	-			
				of this sample. I am aw e grounds for legal act	vare that tampering with or intentionally ion. Sampled by:	mislabelling the sample	ocation,											on ice the day : subsequent da	hey are sample ys.	ed or receive
Relinquish	ed by: (Signature	2)	Date 06	129/23 Time	45 Received by: (Signature)	yele bod	123	Time	145		Rece	eivec	on ice:	6	Lab U	lse Oi	nly			
YW	ed by: (Signature	unales	_ le				9-23	-	73	0	T1			<u>T2</u>				T3		
And	ed by: (Signature	1550	Date	-2923 2	300 Leith M	an Wig	123	Time 8	20	)	AVG	Ten	np°c 4	f						
	trix: S - Soll, Sd - So					the second s			_	-		_	ag - amb	-		_				
					other arrangements are made. Hat y with this COC. The liability of the la								the client of	expe	nse. 7	he rep	port fo	r the analys	is of the abi	ove

Page 16 of 17

## **Envirotech Analytical Laboratory**

### Sample Receipt Checklist (SRC)

Client:	WPX Energy - Carlsbad Da	ate Received:	06/30/23	08:20		Work Order ID:	E306235	
Phone:	(539) 573-4018 Da	ate Logged In:	06/29/23	17:06		Logged In By:	Caitlin Mars	
Email:	jhernandez@ensolum.com De	le Date:	07/10/23	17:00 (4 day TAT)				
Chain of	f Custody (COC)							
1. Does t	the sample ID match the COC?		Yes					
2. Does t	the number of samples per sampling site location match	the COC	Yes					
3. Were a	samples dropped off by client or carrier?		Yes	Carrier: Couri	ier			
4. Was th	he COC complete, i.e., signatures, dates/times, requested	l analyses?	Yes					
5. Were a	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes			Commen	nts/Resolution	
Sample '	Turn Around Time (TAT)							
	e COC indicate standard TAT, or Expedited TAT?		Yes					
Sample	· •							
	sample cooler received?		Yes					
	was cooler received in good condition?		Yes					
9. Was th	he sample(s) received intact, i.e., not broken?		Yes					
10. Were	e custody/security seals present?		No					
	s, were custody/security seals intact?		NA					
•	he sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are re-		Yes					
13. If no	minutes of sampling visible ice, record the temperature. Actual sample ter		<u>C</u>					
Sample	<u>Container</u>							
14. Are a	aqueous VOC samples present?		No					
15. Are V	VOC samples collected in VOA Vials?		NA					
16. Is the	e head space less than 6-8 mm (pea sized or less)?		NA					
17. Was	a trip blank (TB) included for VOC analyses?		NA					
18. Are 1	non-VOC samples collected in the correct containers?		Yes					
19. Is the	appropriate volume/weight or number of sample containers	collected?	Yes					
<u>Field La</u>	<u>bel</u>							
	e field sample labels filled out with the minimum inform	ation:						
	Sample ID?		Yes					
	Date/Time Collected? Collectors name?		Yes Yes					
	Preservation		105					
	the COC or field labels indicate the samples were prese	rved?	No					
	sample(s) correctly preserved?		NA					
	o filteration required and/or requested for dissolved meta	ıls?	No					
Multiph	ase Sample Matrix							
	the sample have more than one phase, i.e., multiphase?		No					
	s, does the COC specify which phase(s) is to be analyzed		NA					
Subcont	ract Laboratory							
	samples required to get sent to a subcontract laboratory?		No					
	a subcontract laboratory specified by the client and if so		NA	Subcontract Lab: NA	A			
-								

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



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5796 U.S. Hwy 64 Farmington, NM 87401

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





# envirotech

**Practical Solutions for a Better Tomorrow** 

# **Analytical Report**

# WPX Energy - Carlsbad

**Project Name:** 

**RDX 16-9H** 

Work Order: E306234

Job Number: 01058-0007

> Received: 6/30/2023

> > **Revision: 1**

**Report Reviewed By:** 

Walter Hinchman Laboratory Director 7/10/23

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

Date Reported: 7/10/23

Joseph Hernandez 5315 Buena Vista Dr Carlsbad, NM 88220

Project Name: RDX 16-9H Workorder: E306234 Date Received: 6/30/2023 8:20:00AM

Joseph Hernandez,





Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/30/2023 8:20:00AM, under the Project Name: RDX 16-9H.

The analytical test results summarized in this report with the Project Name: RDX 16-9H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Field Offices:

Southern New Mexico Area

Lynn Jarboe Technical Representative/Client Services Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com

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

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

Envirotech Web Address: www.envirotech-inc.com

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# Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
PH07 0.5'	5
PH07 1'	6
PH08 0.5'	7
PH08 1'	8
PH09 0.5'	9
PH09 1'	10
QC Summary Data	11
QC - Volatile Organics by EPA 8021B	11
QC - Nonhalogenated Organics by EPA 8015D - GRO	12
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	13
QC - Anions by EPA 300.0/9056A	14
Definitions and Notes	15
Chain of Custody etc.	16

### Sample Summary

### Page 192 of 218

		Pro 2 million	J		
WPX Energy - Carlsbad		Project Name:	RDX 16-9H		Reported:
5315 Buena Vista Dr		Project Number:	01058-0007		Reported:
Carlsbad NM, 88220		Project Manager:	Joseph Hernandez		07/10/23 14:12
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
PH07 0.5'	E306234-01A	Soil	06/28/23	06/30/23	Glass Jar, 2 oz.
PH07 1'	E306234-02A	Soil	06/28/23	06/30/23	Glass Jar, 2 oz.
PH08 0.5'	E306234-03A	Soil	06/28/23	06/30/23	Glass Jar, 2 oz.
PH08 1'	E306234-04A	Soil	06/28/23	06/30/23	Glass Jar, 2 oz.
PH09 0.5'	E306234-05A	Soil	06/28/23	06/30/23	Glass Jar, 2 oz.
PH09 1'	E306234-06A	Soil	06/28/23	06/30/23	Glass Jar, 2 oz.



	0	ampic D	ala			
WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name Project Numb Project Mana	ber: 010	X 16-9H 58-0007 ph Hernandez			<b>Reported:</b> 7/10/2023 2:12:12PM
			-			
		E306234-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2326079
Benzene	ND	0.0250	1	06/30/23	07/01/23	
Ethylbenzene	ND	0.0250	1	06/30/23	07/01/23	
Toluene	ND	0.0250	1	06/30/23	07/01/23	
p-Xylene	ND	0.0250	1	06/30/23	07/01/23	
p,m-Xylene	ND	0.0500	1	06/30/23	07/01/23	
Total Xylenes	ND	0.0250	1	06/30/23	07/01/23	
Surrogate: 4-Bromochlorobenzene-PID		95.4 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2326079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/23	07/01/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.6 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2327031
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/07/23	
Surrogate: n-Nonane		90.9 %	50-200	07/06/23	07/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2327018
Chloride	153	20.0	1	07/05/23	07/06/23	

# Sample Data



	5	ampie D	ala			
WPX Energy - Carlsbad 5315 Buena Vista Dr	Project Name: Project Numb		X 16-9H 58-0007			Reported:
Carlsbad NM, 88220	Project Numb		ph Hernandez	7/10/2023 2:12:12PM		
Carisbau IVII, 00220	i ioject ivianag	301. 3030				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
		PH07 1'				
		E306234-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2326079
Benzene	ND	0.0250	1	06/30/23	07/01/23	
Ethylbenzene	ND	0.0250	1	06/30/23	07/01/23	
Toluene	ND	0.0250	1	06/30/23	07/01/23	
p-Xylene	ND	0.0250	1	06/30/23	07/01/23	
o,m-Xylene	ND	0.0500	1	06/30/23	07/01/23	
Total Xylenes	ND	0.0250	1	06/30/23	07/01/23	
Surrogate: 4-Bromochlorobenzene-PID		96.6 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2326079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/23	07/01/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.4 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2327031
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/07/23	
Dil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/07/23	
Surrogate: n-Nonane		99.9 %	50-200	07/06/23	07/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2327018
Chloride	122	20.0	1	07/05/23	07/06/23	



	5		ala			
WPX Energy - Carlsbad 5315 Buena Vista Dr	Project Name Project Numb		X 16-9H 58-0007			Reported:
Carlsbad NM, 88220	Project Mana		ph Hernandez			7/10/2023 2:12:12PM
		PH08 0.5'	•			
		E306234-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2326079
Benzene	ND	0.0250	1	06/30/23	07/01/23	
Ethylbenzene	ND	0.0250	1	06/30/23	07/01/23	
Toluene	ND	0.0250	1	06/30/23	07/01/23	
p-Xylene	ND	0.0250	1	06/30/23	07/01/23	
p,m-Xylene	ND	0.0500	1	06/30/23	07/01/23	
Total Xylenes	ND	0.0250	1	06/30/23	07/01/23	
Surrogate: 4-Bromochlorobenzene-PID		96.1 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: SL		Batch: 2326079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/23	07/01/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.5 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: KM		Batch: 2327031
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/08/23	
Surrogate: n-Nonane		92.1 %	50-200	07/06/23	07/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: BA		Batch: 2327018
Chloride	144	20.0	1	07/05/23	07/06/23	



	00	ample D	ala			
WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Project Numbe Project Manag	er: 010	X 16-9H 58-0007			<b>Reported:</b> 7/10/2023 2:12:12PM
Carisbad NM, 88220	Project Manag	,	ph Hernandez			//10/2023 2.12.12FM
		PH08 1'				
		E306234-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2326079
Benzene	ND	0.0250	1	06/30/23	07/01/23	
Ethylbenzene	ND	0.0250	1	06/30/23	07/01/23	
Toluene	ND	0.0250	1	06/30/23	07/01/23	
p-Xylene	ND	0.0250	1	06/30/23	07/01/23	
o,m-Xylene	ND	0.0500	1	06/30/23	07/01/23	
Fotal Xylenes	ND	0.0250	1	06/30/23	07/01/23	
Surrogate: 4-Bromochlorobenzene-PID		96.9 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2326079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/23	07/01/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.4 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2327031
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/08/23	
Dil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/08/23	
Surrogate: n-Nonane		94.9 %	50-200	07/06/23	07/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2327018
Chloride	119	20.0	1	07/05/23	07/06/23	



	5		ala			
WPX Energy - Carlsbad 5315 Buena Vista Dr	Project Name Project Numb		X 16-9H 58-0007			Reported:
Carlsbad NM, 88220	Project Num Project Mana			7/10/2023 2:12:12PM		
Carisbad INII, 66220	i iojeet iviana	.ger. 303e	ph Hernandez			
		PH09 0.5'				
		E306234-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2326079
Benzene	ND	0.0250	1	06/30/23	07/01/23	
Ethylbenzene	ND	0.0250	1	06/30/23	07/01/23	
Toluene	ND	0.0250	1	06/30/23	07/01/23	
p-Xylene	ND	0.0250	1	06/30/23	07/01/23	
p,m-Xylene	ND	0.0500	1	06/30/23	07/01/23	
Total Xylenes	ND	0.0250	1	06/30/23	07/01/23	
Surrogate: 4-Bromochlorobenzene-PID		96.0 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2326079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/23	07/01/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.1 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2327031
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/08/23	
Surrogate: n-Nonane		93.9 %	50-200	07/06/23	07/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: BA		Batch: 2327018
Chloride	101	20.0	1	07/05/23	07/06/23	



Project Name:	: RD2	К 16-9Н					
Project Numb	er: 0103	58-0007		Reported:			
Project Manag	ger: Jose	ph Hernandez			7/10/2023 2:12:12P		
	PH09 1'						
	E306234-06						
	Reporting						
Result	Limit	Dilution	Prepared	Analyzed	Notes		
mg/kg	mg/kg	Analy	st: SL		Batch: 2326079		
ND	0.0250	1	06/30/23	07/01/23			
ND	0.0250	1	06/30/23	07/01/23			
ND	0.0250	1	06/30/23	07/01/23			
ND	0.0250	1	06/30/23	07/01/23			
ND	0.0500	1	06/30/23	07/01/23			
ND	0.0250	1	06/30/23	07/01/23			
	96.2 %	70-130	06/30/23	07/01/23			
mg/kg	mg/kg	Analy	st: SL		Batch: 2326079		
ND	20.0	1	06/30/23	07/01/23			
	88.4 %	70-130	06/30/23	07/01/23			
mg/kg	mg/kg	Analy	st: KM		Batch: 2327031		
ND	25.0	1	07/06/23	07/08/23			
ND	50.0	1	07/06/23	07/08/23			
	95.1 %	50-200	07/06/23	07/08/23			
mg/kg	mg/kg	Analy	st: BA		Batch: 2327018		
89.0	20.0	1	07/05/23	07/06/23			
	Project Numb Project Manage Result Mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND	Project Number:         0105           Project Manager:         Jose           Project Manager:         Jose           PH09 1'         E306234-06           E306234-06         Mg/kg           Result         Limit           mg/kg         mg/kg           MD         0.0250           ND         0.0250           Mg/kg         Mg/kg           Mg/kg         Mg/kg           ND         25.0           ND         50.0           ND         50.0           ND	Project Number:       01058-0007         Project Manager:       JosepHernandez         FB09 1'       F         E306234-06       I         Result       Limit       Dilution         Result       Limit       Ol 00250       1         ND       0.0250       1         ND       20.0       1         Mg/kg       Mg/kg       Analy         MD       20.0       1         MD       20.0       1         Mg/kg       Mg/kg       Analy         ND       25.0       1         ND       50.0       1         ND       50.0       1         ND       50.0       1         ND       50.200	Project Number:       01058-0007         Project Manager:       JosepHernandez         Project Manager:       JosepHernandez         Project Manager:       Project Manager:         Project Manager:       JosepHernandez         Project Manager:       Project Manager:         Project Manager:       Project Manager:         Project Manager:       Dilution       Prepared         Result       Imit       Dilution       Prepared         Result       Imit       Dilution       Prepared         MD       0.0250       1       06/30/23         ND       20.0       1       06/30/23         MD       20.0       1	Project Number:       D1058-0007         Project Manager:       Joseph Hernandez         FH09 1'       Function         E306234-06       Function         Result       Limit       Dilution       Prepared       Analyzed         Mg/kg       mg/kg       Analyzet       Managet       Managet         MD       0.0250       1       06/30/23       07/01/23         ND       0.0250       1       06/30/23       07/01/23         MD       0.0250       1       06/30/23       07/01/23         MD       20.0       1       06/30/23       07/01/23         MD       20.0       1       06/30/23       07/01/23         MD       20.0       1       06/30/23       07/01/23		



# QC Summary Data

		QU DI		I y Date	~				
WPX Energy - Carlsbad 5315 Buena Vista Dr		Project Name: Project Number:		DX 16-9H 058-0007					Reported:
Carlsbad NM, 88220		Project Manager:		seph Hernand	ez				7/10/2023 2:12:12PM
		Volatile O	rganics b	oy EPA 802	1 <b>B</b>				Analyst: SL
Analyte	Dlt	Reporting Limit	Spike Level	Source Result	Daa	Rec Limits	RPD	RPD Limit	
	Result mg/kg	mg/kg	mg/kg	mg/kg	Rec %	%	%	%	Notes
Blank (2326079-BLK1)							Prepared: 0	6/30/23 A	analyzed: 06/30/23
Benzene	ND	0.0250					1		5
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p.m-Xylene	ND	0.0230							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.47	0.0250	8.00		93.4	70-130			
LCS (2326079-BS1)							Prepared: 0	6/30/23 A	analyzed: 06/30/23
Benzene	4.90	0.0250	5.00		98.1	70-130			
Ethylbenzene	4.78	0.0250	5.00		95.7	70-130			
Toluene	4.86	0.0250	5.00		97.3	70-130			
o-Xylene	4.80	0.0250	5.00		96.1	70-130			
p,m-Xylene	9.74	0.0500	10.0		97.3	70-130			
Total Xylenes	14.5	0.0250	15.0		96.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.66		8.00		95.7	70-130			
Matrix Spike (2326079-MS1)				Source:	E306230-(	03	Prepared: 0	6/30/23 A	analyzed: 06/30/23
Benzene	4.97	0.0250	5.00	ND	99.5	54-133			
Ethylbenzene	4.85	0.0250	5.00	ND	96.9	61-133			
Toluene	4.94	0.0250	5.00	ND	98.7	61-130			
o-Xylene	4.86	0.0250	5.00	ND	97.3	63-131			
p,m-Xylene	9.84	0.0500	10.0	ND	98.4	63-131			
Total Xylenes	14.7	0.0250	15.0	ND	98.0	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.65		8.00		95.7	70-130			
Matrix Spike Dup (2326079-MSD1)				Source:	E306230-(	03	Prepared: 0	6/30/23 A	analyzed: 06/30/23
Benzene	5.06	0.0250	5.00	ND	101	54-133	1.66	20	
Ethylbenzene	4.92	0.0250	5.00	ND	98.4	61-133	1.52	20	
Toluene	5.01	0.0250	5.00	ND	100	61-130	1.53	20	
o-Xylene	4.94	0.0250	5.00	ND	98.7	63-131	1.48	20	
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131	1.61	20	
Total Xylenes	14.9	0.0250	15.0	ND	99.6	63-131	1.57	20	
					11.0	00 101	1107	20	



# **QC Summary Data**

		QC D		I y Data	H				
WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM 88220		Project Name: Project Number:	01	DX 16-9H 058-0007	07				<b>Reported:</b> 7/10/2023 2:12:12PM
Carlsbad NM, 88220		Project Manager:	JC	seph Hernand	ez				//10/2023 2.12.12FW
	No	nhalogenated O	rganics	by EPA 80	15D - GI	RO			Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2326079-BLK1)							Prepared: 0	6/30/23 A	nalyzed: 06/30/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		91.9	70-130			
LCS (2326079-BS2)							Prepared: 0	6/30/23 A	nalyzed: 06/30/23
Gasoline Range Organics (C6-C10)	45.7	20.0	50.0		91.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.30		8.00		91.2	70-130			
Matrix Spike (2326079-MS2)				Source:	E306230-(	03	Prepared: 0	6/30/23 A	analyzed: 06/30/23
Gasoline Range Organics (C6-C10)	42.6	20.0	50.0	ND	85.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.06		8.00		88.2	70-130			
Matrix Spike Dup (2326079-MSD2)				Source:	E306230-(	03	Prepared: 0	6/30/23 A	nalyzed: 06/30/23
Gasoline Range Organics (C6-C10)	42.9	20.0	50.0	ND	85.7	70-130	0.521	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.13		8.00		89.1	70-130			



# QC Summary Data

		QC D		ary Date	•				
WPX Energy - Carlsbad 5315 Buena Vista Dr		Project Name: Project Number:		CDX 16-9H 1058-0007					Reported:
Carlsbad NM, 88220		Project Manager:		oseph Hernand	ez				7/10/2023 2:12:12PM
	Nonh	alogenated Org	anics by	EPA 8015D	- DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2327031-BLK1)							Prepared: 0	7/06/23 Ar	nalyzed: 07/07/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	45.1		50.0		90.3	50-200			
LCS (2327031-BS1)							Prepared: 0	7/06/23 Ar	nalyzed: 07/07/23
Diesel Range Organics (C10-C28)	254	25.0	250		102	38-132			
Surrogate: n-Nonane	46.4		50.0		92.7	50-200			
Matrix Spike (2327031-MS1)				Source:	E306233-	05	Prepared: 0	7/06/23 Ar	nalyzed: 07/07/23
Diesel Range Organics (C10-C28)	281	25.0	250	ND	112	38-132			
Surrogate: n-Nonane	47.0		50.0		94.0	50-200			
Matrix Spike Dup (2327031-MSD1)				Source:	E306233-(	05	Prepared: 0	7/06/23_Ar	nalyzed: 07/07/23
Diesel Range Organics (C10-C28)	255	25.0	250	ND	102	38-132	9.67	20	
Surrogate: n-Nonane	44.6		50.0		89.2	50-200			



# **QC Summary Data**

		$\mathbf{x} \mathbf{v} \sim$	•••••••						
WPX Energy - Carlsbad 5315 Buena Vista Dr		Project Name: Project Number:	0	RDX 16-9H 1058-0007	1				<b>Reported:</b> 7/10/2023 2:12:12PM
Carlsbad NM, 88220		Project Manager	: J	oseph Hernand	lez				//10/2023 2:12:12PM
		Anions	by EPA	<b>300.0/905</b> 6A	4				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2327018-BLK1)							Prepared: 0	7/05/23 A	Analyzed: 07/06/23
Chloride	ND	20.0							
LCS (2327018-BS1)							Prepared: 0	7/05/23 A	Analyzed: 07/06/23
Chloride	265	20.0	250		106	90-110			
Matrix Spike (2327018-MS1)				Source:	E306234-(	)1	Prepared: 0	7/05/23 A	Analyzed: 07/06/23
Chloride	427	20.0	250	153	110	80-120			
Matrix Spike Dup (2327018-MSD1)				Source:	E306234-(	)1	Prepared: 0	7/05/23 A	Analyzed: 07/06/23
Chloride	418	20.0	250	153	106	80-120	2.14	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.



		_ •		
ſ	WPX Energy - Carlsbad	Project Name:	RDX 16-9H	
	5315 Buena Vista Dr	Project Number:	01058-0007	Reported:
	Carlsbad NM, 88220	Project Manager:	Joseph Hernandez	07/10/23 14:12

ND	Analyte NOT DETECTED	D at or above the reporting limit
	mary to NOT DETECTED	at of above the reporting mint

NR Not Reported

- RPD Relative Percent Difference
- DNI Did Not Ignite

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

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



**Project Information** 

Chain of Custody

Page 1 of 1

	PX Energy Per	rmian LLC	-R			Bill To					b Us	e Onl	y.				_	TAT				
	DX 16-9H					tion: Jim Raley		Lab	WO#	-			lumb		1D	2D	3D		ndard	CWA	SDWA	
	lanager: Josej					ss: 5315 Buena Vista Dr.		E.	504	23			8-0		1		1.1.4	51	ay TAT			
	13000 W Cou					tate, Zip: Carlsbad, NM, 882	20				-	Analy	sis and	Metho	d	-	-				RCRA	
a second second second	e, Zip_Odessa		5		Phone	: 575-885-7502			Vd (						110		8.00				-	
	81) 702-2329				Email:	jim.raley@dvn.com			OHO		H.						814			State		
	von-team@e		com		WBS/	WO: 21191055			80	17	0		0.0		NN.		×		NM CO	UT AZ	TX	
ollected	by: Edyte Ko	nan			Incide	nt ID: nAPP2316445941		12	0/0	180	826	601	ē 30			1.1	1.5			1.1.1		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number	Depth(ft.)	TPH GRO/DRO/DRO by BOL5	BTEX by 5021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC		GDOC			Remarks		
14:00	6/28/2023	5	1			PH07	1	0.5'							x			1				
14:10	6/28/2023	s	1			PH07	2	1'							x							
14:20	6/28/2023	s	1			PH08	3	0.5'							x							
14:30	6/28/2023	S	1			PH08	4	1'					1		x							
14:40	6/28/2023	5	1			PH09	5	0.5							x							
14:50	6/28/2023	S	1			PH09	6	1'							x				/			
																	1		-			
			w. D		/						160	the	E	1	T							
		1	四年							1	P	81										
-	/					-	/												-			
dditiona	al Instruction	s:	-				/	-						_	-	-						
				of this sample. I am		pering with or intentionally mislabelling	the sample lo	cation,											n ice the day t ubsequent da	hey are sample	ed or receive	
	d by: (Signature)		Date	Time	R	Sampled by: eceived by: (Signature)	Date		Time	1115	-				1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	ab Us						
linguishe	d by: (Signature)		06/ Date	29/23 1		Malle Sungules	Ce-A-			145	)	Rece	ived o	on ice:	Q	)/N						
Mill	les Cure	ally			700 1	totten mszo	Date 6-29	-2	1	73	Ø	T1	_		<u>T2</u>	_		-	ТЗ			
MUCh	d by: (Signature)		Date 6	29-23 Time	1300 8	ath Man	6/30/	23	B.	20		AVG	Temp	°c L	+			_				
mple Matri	ix: 5 - Soil, Sd - Soli	id, 5g - Sludg	e, A - Aqueou	us, O - Other			Containe	r Type	2: g - g	lass, p	p - po	oly/pla	astic, a	g - amb	er gla	SS, V -	VOA					
						gements are made. Hazardous sa OC. The liability of the laboratory is								ne client	expen	se. Th	ne repi	ort for	the analys	is of the ab	ove	

Released to Imaging: 4/25/2024 8:30:55 AM

## **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Client:	WPX Energy - Carlsbad	Date Received:	06/30/23	08:20	Wor	k Order ID:	E306234
Phone:	(539) 573-4018	Date Logged In:	06/29/23	17:04	Log	ged In By:	Caitlin Mars
Email:	jhernandez@ensolum.com	Due Date:	07/10/23	17:00 (4 day TAT)	-		
Chain of	f Custody (COC)						
1. Does t	the sample ID match the COC?		Yes				
2. Does t	the number of samples per sampling site location mat	ch the COC	Yes				
3. Were s	samples dropped off by client or carrier?		Yes	Carrier: Couri	er		
4. Was th	ne COC complete, i.e., signatures, dates/times, reques	ted analyses?	Yes				
5. Were a	all samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssio		Yes			Commen	ts/Resolution
Sample '	<u>Turn Around Time (TAT)</u>						
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample	<u>Cooler</u>						
7. Was a	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	ne sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes	s, were custody/security seals intact?		NA				
12. Was t	he sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling		Yes				
13. If no		temperature: <u>4°</u>	С				
	<u>Container</u>		-				
	aqueous VOC samples present?		No				
	VOC samples collected in VOA Vials?		NA				
	e head space less than 6-8 mm (pea sized or less)?		NA				
	a trip blank (TB) included for VOC analyses?		NA				
	non-VOC samples collected in the correct containers?		Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field La							
	field sample labels filled out with the minimum info	rmation:					
S	Sample ID?		Yes				
	Date/Time Collected?		Yes				
	Collectors name?		Yes				
-	Preservation	49	<b>.</b>				
	the COC or field labels indicate the samples were pr	eservea?	No Na				
	sample(s) correctly preserved? o filteration required and/or requested for dissolved m	etale?	NA No				
			No				
-	ase Sample Matrix						
	the sample have more than one phase, i.e., multiphas		No				
77 IT VP	s, does the COC specify which phase(s) is to be analy	zed?	NA				
Subcont	ract Laboratory						
Subcont 28. Are s	ract Laboratory_ samples required to get sent to a subcontract laborator a subcontract laboratory specified by the client and if		No NA	Subcontract Lab: NA			

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



envirotech Inc.

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# APPENDIX G

# **NMOCD** Notifications

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



### **Erick Herrera**

From:	Joseph Hernandez	
Sent:	Thursday, June 29, 2023 5:10 PM	
То:	Devon-Team	
Subject: FW: [EXTERNAL] FW: (WPX Site Sampling Notification) RDX 16-9H (nAPP2316445941) 6-08-20		
-	Barbados State #001 SWD (nAB1619656595) 6-28-2016	

Joseph S. Hernandez Senior Managing Geologist



Work: (432) 305-6413 Cell: (281) 702-2329

From: Knight, Tami C. <tknight@slo.state.nm.us>
Sent: Thursday, June 29, 2023 5:09 PM
To: Raley, Jim <Jim.Raley@dvn.com>
Cc: Joseph Hernandez <joseph@etechenv.com>
Subject: RE: [EXTERNAL] FW: (WPX Site Sampling Notification) RDX 16-9H (nAPP2316445941) 6-08-2023 & Barbados
State #001 SWD (nAB1619656595) 6-28-2016

You don't often get email from <u>tknight@slo.state.nm.us</u>. <u>Learn why this is important</u>

Perfect. Thank you for the information.

### Tami Knight, CHMM



Environmental Specialist SRD-Environmental Compliance Office (ECO) 505.670.1638 New Mexico State Land Office 1300 W. Broadway Avenue, Suite A Bloomfield, NM 87413 tknight@slo.state.nm.us nmstatelands.org



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From: Raley, Jim <<u>Jim.Raley@dvn.com</u>>
Sent: Thursday, June 29, 2023 4:00 PM
To: Knight, Tami C. <<u>tknight@slo.state.nm.us</u>>
Cc: Joseph Hernandez <<u>joseph@etechenv.com</u>>
Subject: RE: [EXTERNAL] FW: (WPX Site Sampling Notification) RDX 16-9H (nAPP2316445941) 6-08-2023 & Barbados
State #001 SWD (nAB1619656595) 6-28-2016

### Tami,

This release occurred in 2016. I am not sure if it was reported to SLO, at the time or if any system was in place to report to SLO. It was reported to NMOCD and never received closure. We are currently investigating the site to determine if additional remediation is required to close this incident out with NMOCD, and we will be collecting samples as part of that process. This is the reason for the notification.

Please see attached C-141 for this incident. Please give me a call if you have any concerns.

Jim Raley | Environmental Professional - Permian Basin 5315 Buena Vista Dr., Carlsbad, NM 88220 C: (575)689-7597 | jim.raley@dvn.com



From: Joseph Hernandez <<u>joseph@etechenv.com</u>> Sent: Thursday, June 29, 2023 3:27 PM To: Raley, Jim <<u>Jim.Raley@dvn.com</u>> Subject: [EXTERNAL] FW: (WPX Site Sampling Notification) RDX 16-9H (nAPP2316445941) 6-08-2023 & Barbados State #001 SWD (nAB1619656595) 6-28-2016

Jim,

We got this response from after sending the sampling notification. Can you confirm if this was reported to ECO/SLO

Joseph S. Hernandez Senior Managing Geologist

Work: (432) 305-6413 Cell: (281) 702-2329

From: Knight, Tami C. <<u>tknight@slo.state.nm.us</u>>
Sent: Wednesday, June 28, 2023 7:09:17 PM
To: Erick Herrera <<u>erick@etechenv.com</u>>
Subject: RE: (WPX Site Sampling Notification) RDX 16-9H (nAPP2316445941) 6-08-2023 & Barbados State #001 SWD
(nAB1619656595) 6-28-2016

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ECO Barbados State #001 SWD has not been previously reported to ECO. Is this a release that WPX has been working on with NMSLO Water Bureau?

Thank you

Tami Knight, CHMM Environmental Specialist SLO Surface ECO Mobile: (505) 670-1638 tknight@slo.state.nm.us



From: Erick Herrera <<u>erick@etechenv.com</u>>
Sent: Thursday, June 22, 2023 2:57 PM
To: OCD.Enviro@emnrd.nm.gov; SLO Spills <<u>spills@slo.state.nm.us</u>>
Cc: Raley, Jim <<u>jim.raley@dvn.com</u>>; Devon-Team <<u>Devon-Team@etechenv.com</u>>
Subject: [EXTERNAL] (WPX Site Sampling Notification) RDX 16-9H (nAPP2316445941) 6-08-2023 & Barbados State #001
SWD (nAB1619656595) 6-28-2016

Good afternoon,

WPX anticipates conducting confirmation soil sampling activities at the following sites between June 27 – June 30, 2023:

Site Name: RDX 16 #009 Incident Number: nAPP2316445941 API: 30-015-39752

Site Name: Barbados State Barbados State #001 SWD Incident Number: nAB1619656595 API: 30-015-27558

Thank you,

Erick Herrera Staff Geologist

Work: (432) 305-6416 Cell: (281) 777-4152 Confidentiality Warning: This message and any attachments are intended only for the use of the intended recipient(s), are confidential, and may be privileged. If you are not the intended recipient, you are hereby notified that any review, retransmission, conversion to hard copy, copying, circulation or other use of all or any portion of this message and any attachments is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by return e-mail, and delete this message and any attachments from your system.

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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 318925

QUESTIONS	
Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	318925
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

rerequisites	
Incident ID (n#)	nAPP2316445941
Incident Name	NAPP2316445941 RDX 16 #009 @ 30-015-39752
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-015-39752] RDX 16 #009

### Location of Release Source

Please answer all the questions in this group.	
Site Name	RDX 16 #009
Date Release Discovered	06/08/2023
Surface Owner	State

### Incident Details

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

### Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission. Cause: Equipment Failure | Well | Crude Oil | Released: 3 BBL | Recovered: 1 BBL | Lost: 2 Crude Oil Released (bbls) Details BBL Cause: Equipment Failure | Well | Produced Water | Released: 50 BBL | Recovered: 0 BBL | Produced Water Released (bbls) Details Lost: 50 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 Not answered. Other, Specify, Unknown, and/or Fire, or any negative lost amounts)

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

QUESTIONS, Page 2

Action 318925

**QUESTIONS** (continued)

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	318925
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)		
	Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
ľ	Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
	Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.		

Initial	Response
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The responsible party must undertake the following actions immediately unless they could create a s	afety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releat the OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 02/29/2024

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

QUESTIONS, Page 3

Action 318925

Page 213 of 218

QUESTIONS (continued)
OGRID:

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	318925
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Site Characterization

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

Between 100 and 500 (ft.)		
NM OSE iWaters Database Search		
No		
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:		
Between 500 and 1000 (ft.)		
Greater than 5 (mi.)		
Greater than 5 (mi.)		
Between 1 and 5 (mi.)		
Between 1 and 5 (mi.)		
Greater than 5 (mi.)		
Between 500 and 1000 (ft.)		
Greater than 5 (mi.)		
Between ½ and 1 (mi.)		
Medium		
Between 500 and 1000 (ft.)		
No		

#### Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date. Requesting a remediation plan approval with this submission Yes Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC. Have the lateral and vertical extents of contamination been fully delineated Yes Was this release entirely contained within a lined containment area No Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.) Chloride (EPA 300.0 or SM4500 CI B) 14600 TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M) 872 GRO+DRO (EPA SW-846 Method 8015M) 378 BTEX (EPA SW-846 Method 8021B or 8260B) 0 (EPA SW-846 Method 8021B or 8260B) Benzene 0 Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation. On what estimated date will the remediation commence 06/28/2023 On what date will (or did) the final sampling or liner inspection occur 01/17/2024 On what date will (or was) the remediation complete(d) 01/17/2024 What is the estimated surface area (in square feet) that will be reclaimed 0 What is the estimated volume (in cubic yards) that will be reclaimed 0 What is the estimated surface area (in square feet) that will be remediated 5008 What is the estimated volume (in cubic yards) that will be remediated 40 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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# **State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 4

Action 318925

**QUESTIONS** (continued) Operator OGRID: WPX Energy Permian, LLC 246289 Devon Energy - Regulatory Action Number: Oklahoma City, OK 73102 318925 Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Remediation Plan (continued)

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants: (Select all answers below that apply.) (Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.) Yes Which OCD approved facility will be used for off-site disposal Not answered OR which OCD approved well (API) will be used for off-site disposal Not answered OR is the off-site disposal site, to be used, out-of-state Yes In which state is the disposal taking place Texas What is the name of the out-of-state facility R360 Red Bluff 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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 02/29/2024

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

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

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

QUESTIONS, Page 5

Action 318925

QUESTIONS (continued)		
Operator: WPX Energy Permian, LLC	OGRID: 246289	
Devon Energy - Regulatory Oklahoma City, OK 73102	Action Number: 318925	
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

### QUESTIONS

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

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

QUESTIONS, Page 6

Action 318925

QUESTIONS (continued)		
Operator:	OGRID:	
WPX Energy Permian, LLC	246289	
Devon Energy - Regulatory	Action Number:	
Oklahoma City, OK 73102	318925	
	Action Type:	
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

### QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	302172
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/17/2024
What was the (estimated) number of samples that were to be gathered	43
What was the sampling surface area in square feet	5008

#### **Remediation Closure Request**

Only answer the questions in this group if seeking remediation closure for this release because all re	mediation steps have been completed.
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	5008
What was the total volume (cubic yards) remediated	40
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	The impacted soils meet Site Closure Criteria but do not meet reclamation standards in the area needed for production operations. Impacted soil will be removed to reclamation standards at facility deconstruction.
	losure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of
to report and/or file certain release notifications and perform corrective actions for relea- the OCD does not relieve the operator of liability should their operations have failed to a water, human health or the environment. In addition, OCD acceptance of a C-141 report	knowledge and understand that pursuant to OCD rules and regulations all operators are required ses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or ally restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed ng notification to the OCD when reclamation and re-vegetation are complete.
	Name: James Raley

Email: jim.raley@dvn.com Date: 02/29/2024	I hereby agree and sign off to the above statement	
----------------------------------------------	----------------------------------------------------	--

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

Page 217 of 218

Action 318925

**QUESTIONS** (continued) Operator: OGRID: WPX Energy Permian, LLC 246289 Devon Energy - Regulatory Action Number: Oklahoma City, OK 73102 318925 Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) QUESTIONS Reclamation Report

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

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

Page 218 of 218

CONDITIONS

Action 318925

Condition Date

CONDITIONS Operator: OGRID: WPX Energy Permian, LLC 246289 Devon Energy - Regulatory Action Number: Oklahoma City, OK 73102 318925 Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### CONDITIONS

Created By Condition

We have received your Remediation Closure Report for Incident #NAPP2316445941 RDX 16 #009, thank you. This Remediation Closure Report is approved. 4/25/2024 rhamlet