

October 25, 2024

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

Re: Remediation Work Plan

LVP SWD #001

Incident Number nAPP2422877091

Eddy County, New Mexico

To Whom it May Concern:

Ensolum, LLC (Ensolum), on behalf of Devon Energy Production Company, LP (Devon), has prepared this *Remediation Work Plan* (RWP) to document assessment and soil sampling activities performed at the LVP SWD #001 (Site) in Unit I, Section 04, Township 23 South, Range 28 East, in Eddy County, New Mexico (Figure 1).

The purpose of the Site assessment and soil sampling activities was to address impacted and waste-containing soil resulting from a release of produced water at the Site. Devon is submitting this RWP, describing analytical results from delineation soil sampling associated with Incident Number nAPP2422877091. Devon intends to complete the excavation/remediation of the release area and to conduct final confirmation sampling prior to submitting a *Closure* or *Deferral Request Report*.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Eddy County, New Mexico (32.3330917°, -104.0850372°) and is associated with oil and gas exploration and production operations on Private Land.

On August 15, 2024, the inlet Enardo valve failed on a production tank, resulting in the release of 361 barrels (bbls) of produced water within the lined secondary containment; 360 bbls were recovered. The release impacted two on-pad areas totaling approximately 672 square feet in size. Devon reported the release to the New Mexico Oil Conservation Division (NMOCD) via the NMOCD web portal on August 15, 2024. The release was assigned Incident Number nAPP2422877091. A 48-hour advance notice of liner inspection was provided via web portal to the NMOCD on September 12, 2024. A liner integrity inspection was conducted by Ensolum personnel following fluid recovery and pressure washing and it was determined that the liner floor remained intact.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized to assess applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (19.15.29) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are presented on the initial C-141 application subsection, Site Characterization. Potential Site receptors are identified on Figure 1.

The closest permitted groundwater well with depth to groundwater data is New Mexico Office of the State Engineer (NMOSE) well C 04415 POD7, with a depth to groundwater measurement of greater

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than 38 feet below ground surface (bgs). The well is located approximately 0.3 miles west of the Site. All wells used to establish depth to groundwater are depicted on Figure 1 and the referenced well records are included in Appendix A. The closest continuously flowing or significant watercourse to the Site is an intermittent dry wash, located approximately 720 feet southeast of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (medium potential karst designation area). Site receptors are identified in Figure 1.

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

Benzene: 10 milligrams per kilogram (mg/kg)

Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg

Total petroleum hydrocarbons (TPH):100 mg/kg

• Chloride: 600 mg/kg

SITE ASSESSMENT ACTIVITIES

Beginning on August 22, 2024, Ensolum personnel were onsite to evaluate the release extent. Preliminary assessment soil sample (SS02) was collected at ground surface to verify the lateral extent of the release area. On September 12, 2024, Ensolum personnel returned to the Site to continue delineation sampling activities. Four additional assessment soil samples (SS02 through SS04 and SS10) were collected at ground surface and nine lateral assessment soil samples (SS05 through SS08, SS08A, SS08B, SS10A and SS10B) were collected at ground surface and 1-foot bgs. Discrete soil samples were field screened for chloride utilizing Hach® chloride QuanTab® test. The delineation soil sample locations are depicted on Figure 2. A photographic log of Site assessment and delineation soil sampling activities cand be found in Appendix B.

On September 20, 2024, Ensolum personnel returned to the Site to conduct a liner integrity inspection. The lined secondary containment was found to be intact; however, two small areas on-pad were impacted either by overspray from the release event or by gaps in the containment wall. Ensolum personnel advanced three boreholes (BH01 through BH03) within the release extents on-pad. Borehole BH01 was advanced via hand auger to a depth of 2 feet bgs before hitting refusal and borehole BH02 was advanced to a depth of 1.5 feet bgs before hitting refusal; boreholes BH01 and BH02 were collected from the release extent on the north side of the lined secondary containment. Borehole BH03 was advanced in the release extent on the south side of the lined secondary containment via hand auger to a depth of 2 feet bgs before hitting refusal. Discrete delineation soil samples from the boreholes were field screened in the same manner as previously described. Field screening results and observations for the boreholes were logged on lithologic/soil sampling logs, which are included in Appendix C.

Ensolum personnel returned to the Site on October 10, 2024, with a gas-powered 41-millimeter (mm) Shaw Backpack Portable Coring Drill Kit to advance boreholes BH01 through BH03. Borehole BH01 was advanced to a depth of 4 feet bgs, borehole BH02 was advanced to a depth of 3 feet bgs, and borehole BH03 was advanced to a depth of 4.5 feet bgs. Lateral assessment soil samples SS08A, SS10, and SS10A were advanced to a terminal depth of 3 feet bgs.

The delineation soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures to Envirotech Laboratory Analysis (Envirotech) in Farmington, New Mexico, for analysis of the following constituents of concern (COCs): BTEX following



United States Environmental Protection Agency (EPA) Method 8021B; TPH-gasoline range organics (GRO), TPH-diesel range organics (DRO), and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method 300.0.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for lateral delineation soil samples (SS01 through SS04) collected at ground surface were in compliance with the strictest Closure Criteria per NMOCD Table I and with the Site Closure Criteria. Laboratory analytical results for lateral delineation soil samples (SS05 through SS08, SS08B, SS09, and SS10B) were all in compliance with the Site Closure Criteria at ground surface and 1-foot bgs. Laboratory analytical results for lateral delineation soil sample SS10 was in compliance with the Site Closure Criteria at 2 feet bgs. Laboratory analytical results for lateral delineation soil sample location SS08A exceeded the Site Closure Criteria from ground surface to 3 feet bgs and lateral delineation soil sample location SS10A exceeded the Site Closure Criteria at 1-foot and 3 feet bgs.

Laboratory analytical results for boreholes BH01 through BH03 exceeded the Site Closure Criteria at a depth of 2 feet bgs in BH01, 3 feet bgs in BH02 and 3 feet bgs in BH03. Laboratory analytical results indicated that COC concentrations were below the Site Closure Criteria in boreholes BH01 and BH03 at 4 feet bgs. Laboratory analytical results for delineation soil samples are summarized in Table 1 and the complete laboratory analytical reports are included in Appendix D.

PROPOSED REMEDIATION WORK PLAN

The results of the delineation soil sampling suggest soil containing elevated concentrations of chloride exist in the on-pad release areas which measure approximately 789 square feet on the north side of the lined secondary containment and approximately 231 square feet on the south side of the lined secondary containment. Devon will complete excavation of the on-pad release extents to a depth of 4 feet bgs. Sample location SS08 and SS10A will require additional delineation sampling in accordance with NMOCD Table I. Devon proposed excavation of impacted soil and Ensolum estimates approximately 151 cubic yards of soil will be excavated from the impacted areas.

Devon proposed to complete the following remediation activities:

- Complete vertical delineation near samples location SS08 and SS10A to the strictest Closure Criteria per NMOCD Table I.
- Excavation of impacted soil on the south side of the caliche pad. The excavation will proceed
 laterally and vertically until sidewall and floor samples confirm all COC concentrations are
 compliant with the strictest Closure Criteria per NMOCD Table I. The estimated excavation extent
 is shown on Figure 3.
- Excavation of the impacted area on-pad until laboratory analytical results indicate the floor of the
 excavation will be in compliance with the strictest Closure Criteria. The on-pad excavation will
 be backfilled with locally sourced caliche pad material.
- An estimated 151 cubic yards of impacted soil will be excavated. The excavated soil will be transferred to an approved landfill for disposal.

Devon will complete the proposed soil sampling activities within 180 days of the date of approval of this RWP by the NMOCD.

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

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

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

cc: Jim Raley, Devon

Appendices:

Figure 1 Site Receptor Map

Figure 2 Delineation Soil Sample Locations

Figure 3 Excavation Dig Plan

Table 1 Soil Sample Analytical Results (Delineation Soil Samples)

Appendix A Well Log and Record Appendix B Photographic Log

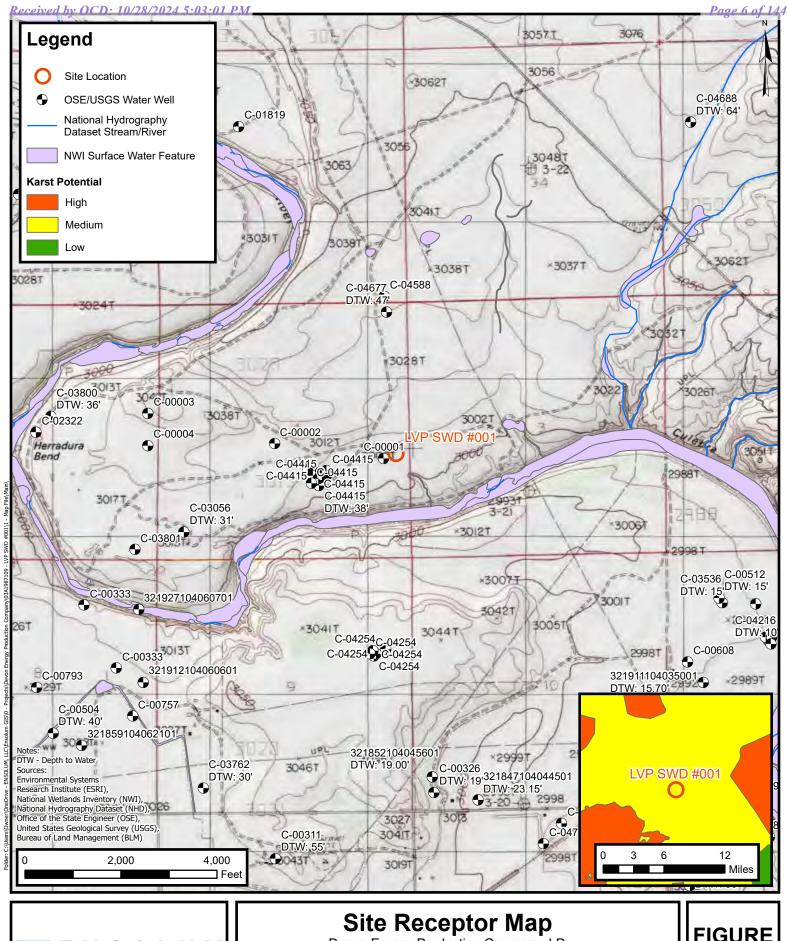
Appendix C Lithologic Soil Sampling Logs

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

Appendix E NMOCD Notifications



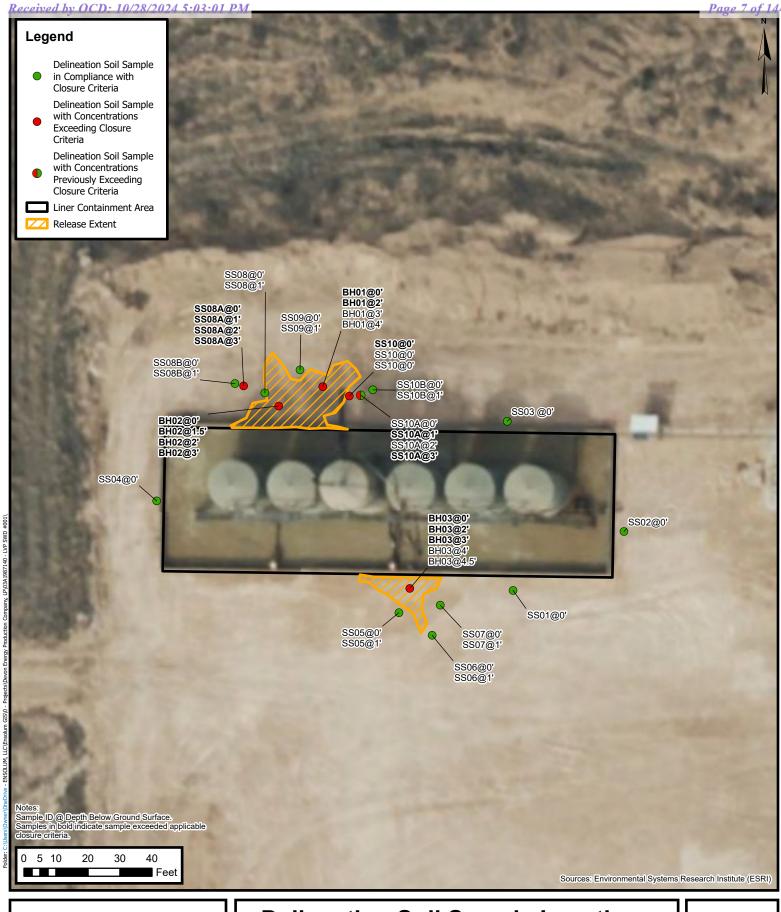
FIGURES





Devon Energy Production Company, LP LVP SWD #001 Incident Number: nAPP2422877091 Unit I, Section 04, T 23S, R 28E Eddy County, New Mexico FIGURE 1

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Delineation Soil Sample Locations

Devon Energy Production Company, LP LVP SWD #001 Incident Number: nAPP2422877091 Unit I, Section 04, T 23S, R 28E Eddy County, New Mexico FIGURE 2





Excavation Dig Plan

Devon Energy Production Company, LP LVP SWD #001 Incident Number: nAPP2422877091 Unit I, Sec 04, T23S, R28E Eddy County, New Mexico FIGURE 3

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TABLES



TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS LVP SWD #001 Devon Energy Production Company, LP

				Eddy	County, New M	exico				
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	NE	100	600
				Delin	eation Soil Sar	nples				
SS01	9/12/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	388
SS02	8/22/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	86.6
SS03	9/12/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	40.9
SS04	9/12/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	139
SS05	9/12/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	141
SS05	9/12/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	242
SS06	9/12/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	40.8
SS06	9/12/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	329
SS07	9/12/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	122
SS07	9/12/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	345
SS08	9/12/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	215
SS08	9/12/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	533
SS08A	9/12/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	664
SS08A	9/12/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	637
SS08A	10/10/2024	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	708
SS08A	10/10/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	830
SS08B	9/12/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	194
SS08B	9/12/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	522
SS09	9/12/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS09	9/12/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	227
SS10	9/12/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	816
SS10	10/10/2024	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	522
SS10	10/10/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	321
SS10A	9/12/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	333
SS10A	9/12/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	929
SS10A	10/10/2024	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	319
SS10A	10/10/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	673
SS10B	9/12/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS10B	9/12/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	461



TABLE 1 - CONT'D

SOIL SAMPLE ANALYTICAL RESULTS

LVP SWD #001

Devon Energy Production Company, LP
Eddy County, New Mexico

				Eady	County, New W	CAICO				
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	NE	100	600
				Delir	neation Soil San	nples				
BH01	9/20/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	13,600
BH01	9/20/2024	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,520
BH01	10/10/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	409
BH01	10/10/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	189
BH02	9/20/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	15,700
BH02	9/20/2024	1.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	10,400
BH02	10/10/2024	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,330
BH02	10/10/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,200
BH03	9/20/2024	0	<0.0250	<0.0500	<20.0	90.7	103	90.7	193.7	1,280
BH03	9/20/2024	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,740
BH03	10/10/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	871
BH03	10/10/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	336
BH03	10/10/2024	4.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	226

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

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

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

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



APPENDIX A

Well Log and Record



New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number**

Q64 Q16 Q4 Sec Tws Rng

C 04415 POD7 NA

23S 28E

3577518 585628

Driller License: 1186

Driller Company:

NOT FOR HIRE

Driller Name:

HAMMER, RODNEY S.WARDENER

07/15/2021

2.00

Drill Finish Date:

07/16/2021

55 feet

Plug Date:

07/16/2021

Log File Date:

Drill Start Date:

10/05/2021

PCW Rcv Date:

Depth Well:

Shallow Source:

Pump Type: Casing Size:

Pipe Discharge Size:

Estimated Yield: Depth Water:

38 feet

Water Bearing Stratifications:

Top

Bottom Description

0

55 Shale/Mudstone/Siltstone

Casing Perforations:

Bottom Top

38 43

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

11/14/23 8:33 AM

POINT OF DIVERSION SUMMARY

Received by OCD: 10/28/2024 5:03:01 PM



APPENDIX B

Photographic Log

ENSOLUM

Photographic Log

Devon Energy Production Company, LP LVP SWD #001

Incident Number: nAPP2422877091





Photograph 1 Description: Release Extent

Date: 08/15/2024

Photograph 2

Date: 08/15/2024

Description: Release Extent View: Northeast

View: East

© 258°SW (T) ● 32.333839, -104.085197 ±15ft ▲ 2948



Photograph 3

Date: 08/22/2024

Photograph 4

Date: 08/22/2024

Description: Liner Inspection

View: West

Description: Liner Inspection

View: West



Photographic Log

Devon Energy Production Company, LP LVP SWD #001

Incident Number: nAPP2422877091





Photograph 5 Date: 09/12/2024

Description: Lateral Delineation (SS02)

View: West

Photograph 6 Date: 09/12/2024

Description: Lateral Delineation (SS07)

View: Northwest





Photograph 7

Description: Liner Inspection

View: North

Photograph 8

Description: Liner Inspection

View: East

Date: 09/20/2024

Date: 09/20/2024

ENSOLUM

Photographic Log

Devon Energy Production Company, LP **LVP SWD #001**

Incident Number: nAPP2422877091





Photograph 9 Date: 09/20/2024

Description: Liner Inspection

View: North

Photograph 10

Description: Liner Inspection

View: East





Photograph 11

Description: Liner Inspection

View: West

Date: 09/20/2024 Photograph 12

Description: Liner Inspection

View: Southeast

Date: 09/20/2024

Date: 09/20/2024

ENSOLUM

Photographic Log

Devon Energy Production Company, LP LVP SWD #001

Incident Number: nAPP2422877091





Photograph 13 Date: 09/20/2024

Description: Delineation (BH02)

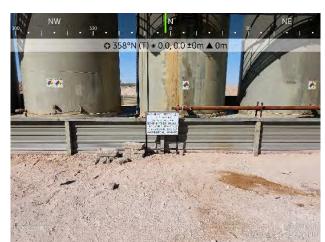
View: South

Photograph 14 Date: 10/10/2024

Description: Vertical Delineation (BH01)

View: South





Photograph 15 Date: 10/10/2024

Description: Vertical Delineation (BH03)

View: West

Photograph 16 Date: 10/10/2024

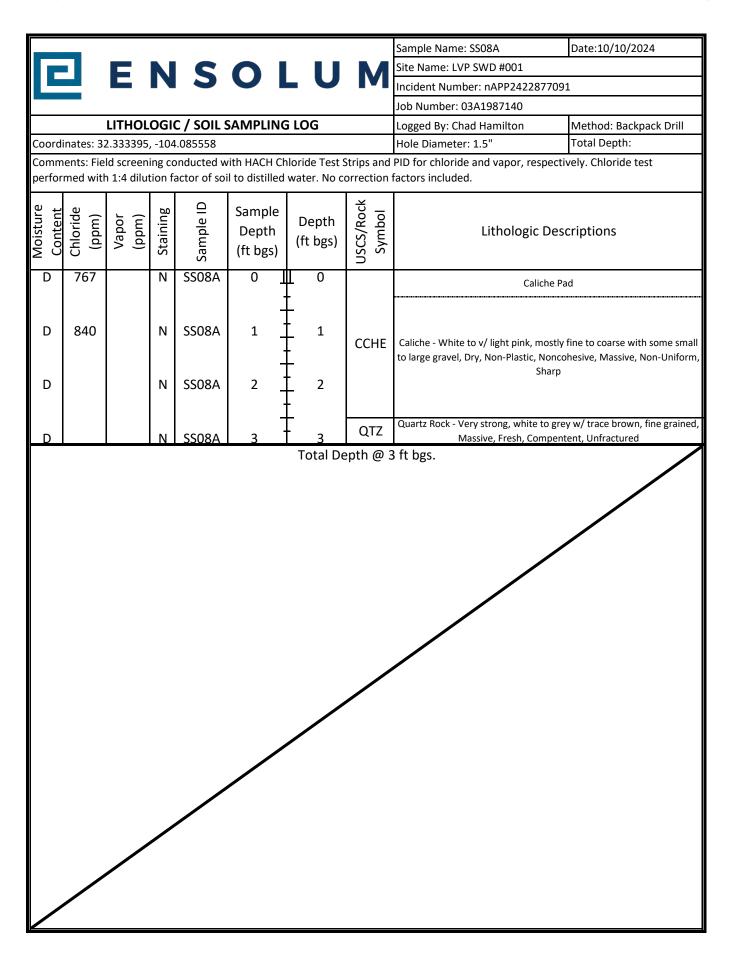
Description: Lease Signage

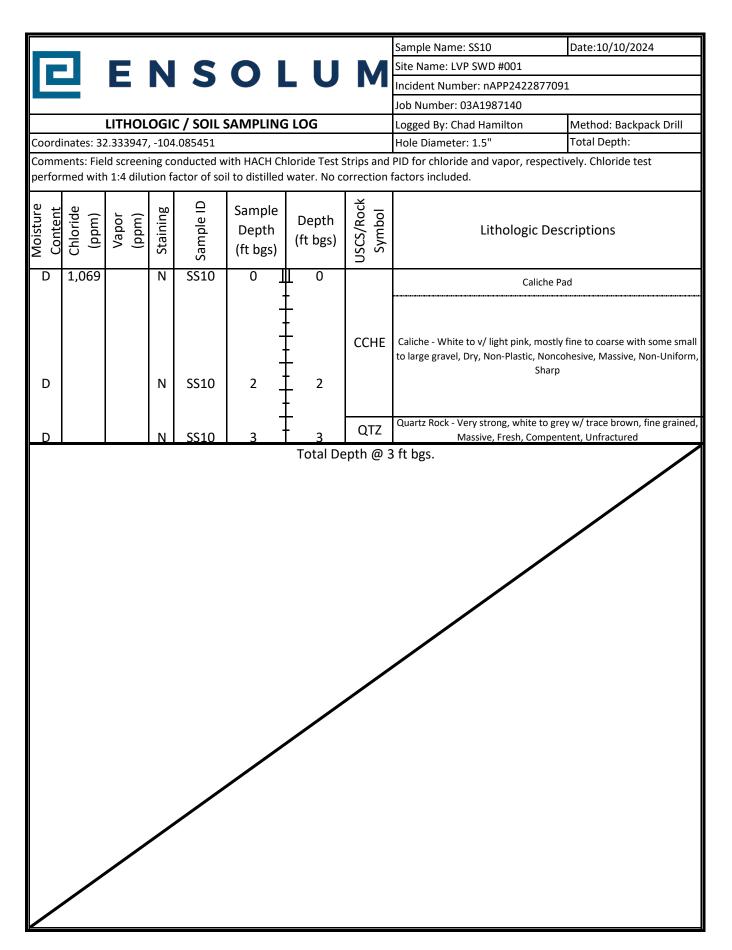
View: North

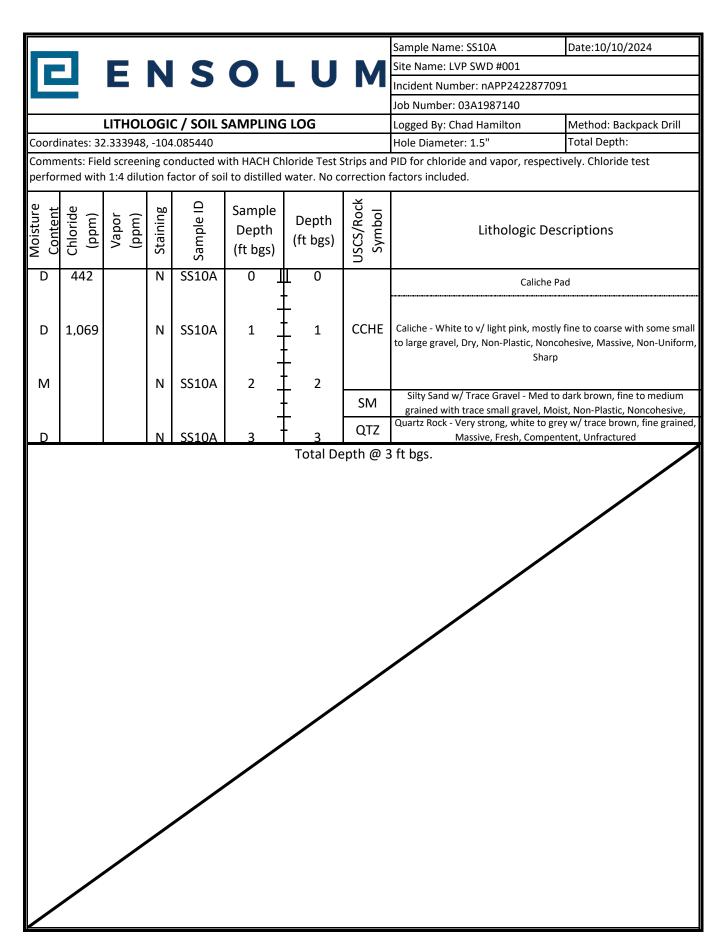


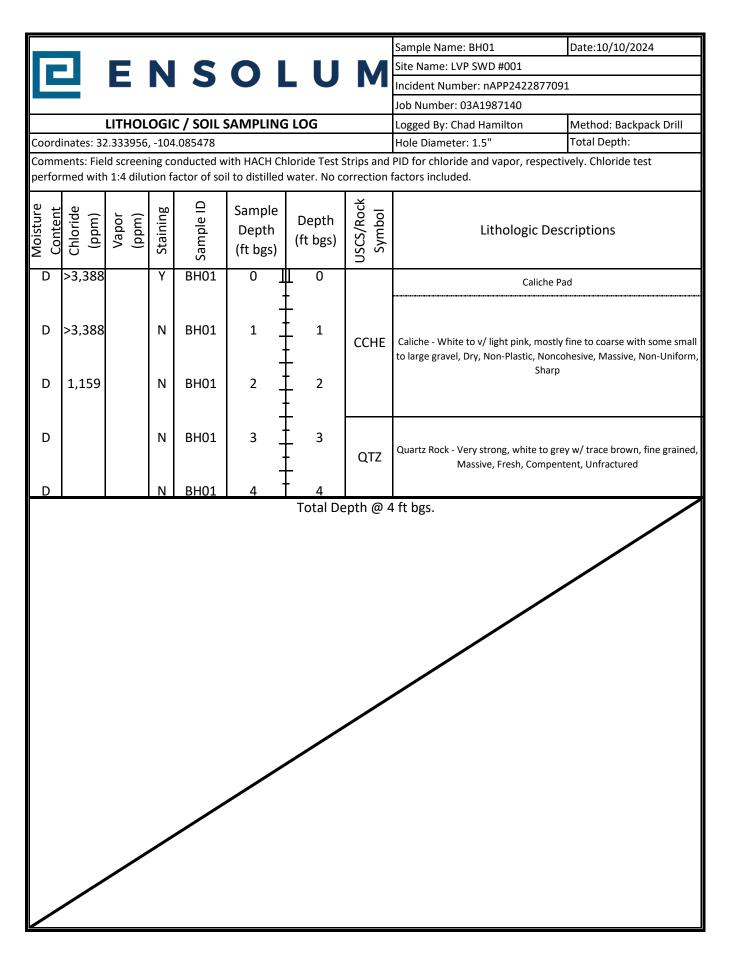
APPENDIX C

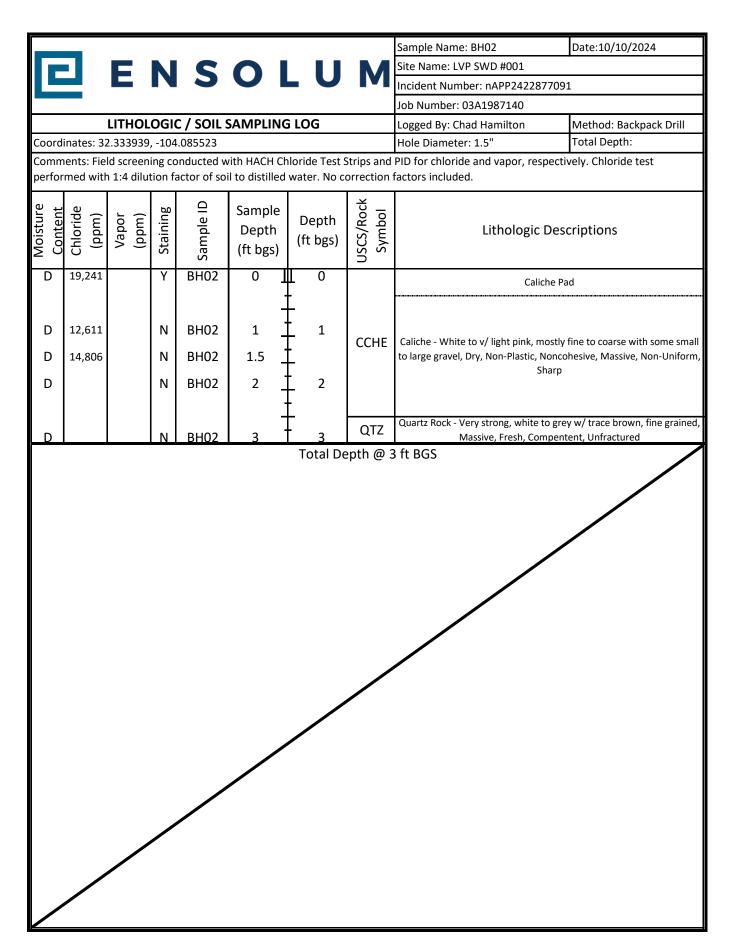
Lithologic Soil Sampling Logs

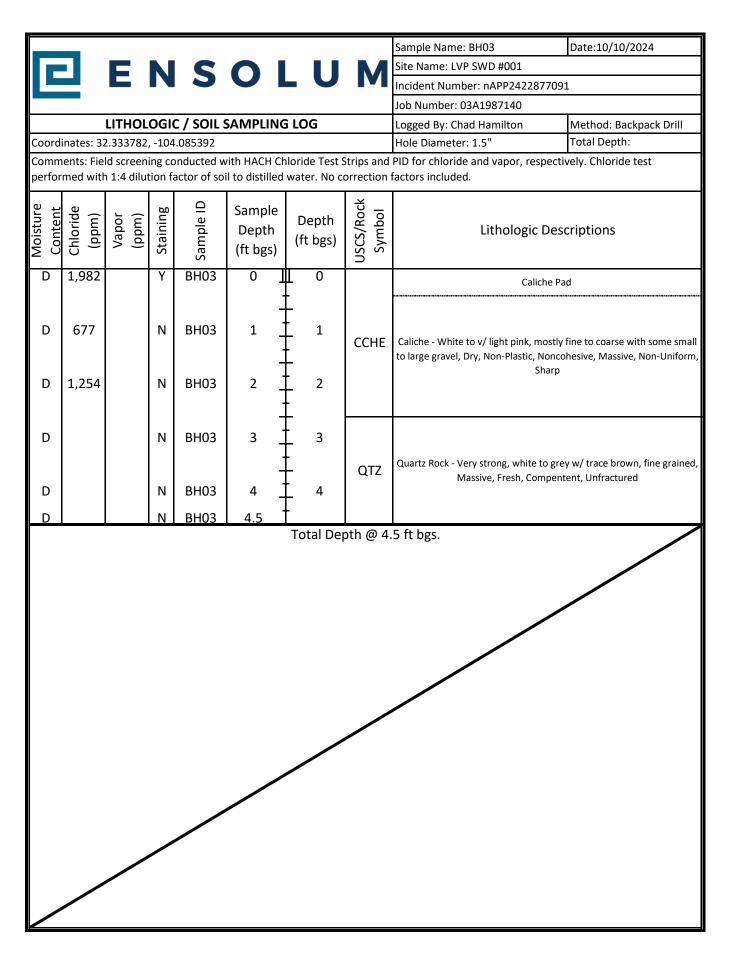










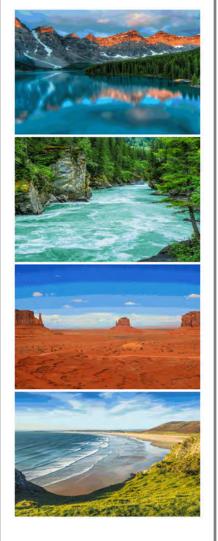




APPENDIX D

Laboratory Analytical Reports & Chain-of-Custody Documentation

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: LVP SWD #001

Work Order: E408205

Job Number: 01058-0007

Received: 8/26/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 8/27/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

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

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

Date Reported: 8/27/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: LVP SWD #001

Workorder: E408205

Date Received: 8/26/2024 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/26/2024 7:00:00AM, under the Project Name: LVP SWD #001.

The analytical test results summarized in this report with the Project Name: LVP SWD #001 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

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe

Laboratory Technical Representative Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	LVP SWD #001	Donouted.
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/27/24 16:42

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS02 - 0'	E408205-01A	Solid	08/22/24	08/26/24	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad	Project Name:	LVP SWD #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/27/2024 4:42:08PM

SS02 - 0' E408205-01

		E400203-01					
Analyte	Result	Reporting Limit	Dilu	tion	Prepared	Analyzed	Notes
Anaryte	Resuit	Limit	Dilu	tion	Prepared	Anaryzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: B	BA		Batch: 2435006
Benzene	ND	0.0250	1	!	08/26/24	08/26/24	
Ethylbenzene	ND	0.0250	1	!	08/26/24	08/26/24	
Toluene	ND	0.0250	1	l	08/26/24	08/26/24	
o-Xylene	ND	0.0250	1	l	08/26/24	08/26/24	
p,m-Xylene	ND	0.0500	1	Į.	08/26/24	08/26/24	
Total Xylenes	ND	0.0250	1	Į.	08/26/24	08/26/24	
Surrogate: Bromofluorobenzene		103 %	70-130		08/26/24	08/26/24	
Surrogate: 1,2-Dichloroethane-d4		92.8 %	70-130		08/26/24	08/26/24	
Surrogate: Toluene-d8		107 %	70-130		08/26/24	08/26/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: B	BA		Batch: 2435006
Gasoline Range Organics (C6-C10)	ND	20.0	1		08/26/24	08/26/24	
Surrogate: Bromofluorobenzene		103 %	70-130		08/26/24	08/26/24	
Surrogate: 1,2-Dichloroethane-d4		92.8 %	70-130		08/26/24	08/26/24	
Surrogate: Toluene-d8		107 %	70-130		08/26/24	08/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: N	IV		Batch: 2435002
Diesel Range Organics (C10-C28)	ND	25.0	1		08/26/24	08/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1		08/26/24	08/27/24	
Surrogate: n-Nonane		84.4 %	50-200		08/26/24	08/27/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: Γ	Y		Batch: 2435008
Chloride	86.6	20.0	1		08/26/24	08/26/24	



QC Summary Data

Devon Energy - Carlsbad LVP SWD #001 Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Ashley Giovengo 8/27/2024 4:42:08PM **Volatile Organic Compounds by EPA 8260B** Analyst: BA Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2435006-BLK1) Prepared: 08/26/24 Analyzed: 08/26/24 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.525 0.500 105 70-130 Surrogate: 1,2-Dichloroethane-d4 0.506 0.500 101 70-130 0.500 106 70-130 Surrogate: Toluene-d8 0.529 LCS (2435006-BS1) Prepared: 08/26/24 Analyzed: 08/26/24 2.33 0.0250 2.50 93.3 70-130 Benzene 2.38 2.50 70-130 95.2 Ethylbenzene 0.0250 2.39 0.0250 2.50 95.5 70-130 2.24 89.8 70-130 0.0250 2.50 o-Xylene 90.5 4.53 5.00 70-130 p,m-Xylene 0.0500 6.77 0.0250 7.50 90.3 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.498 0.500 99.5 70-130 0.500 96.8 70-130 Surrogate: 1,2-Dichloroethane-d4 0.484 70-130 Surrogate: Toluene-d8 0.528 0.500 Matrix Spike (2435006-MS1) Source: E408205-01 Prepared: 08/26/24 Analyzed: 08/26/24 48-131 2.28 0.0250 2.50 ND 91.2 45-135 Ethylbenzene 2.32 0.0250 2.50 ND 92.8 48-130 Toluene 2.32 0.0250 2.50 ND 92.6 2.24 0.0250 2.50 ND 89.8 43-135 o-Xylene 4.54 5.00 ND 90.9 43-135 p,m-Xylene 0.0500 Total Xylenes 6.79 0.0250 7.50 ND 90.5 43-135 Surrogate: Bromofluorobenzene 0.507 0.500 101 70-130

0.500

0.500

2.50

2.50

2.50

2.50

5.00

7.50

0.500

0.500

0.500

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

0.470

0.522

2.28

2.36

2.35

2.30

4.59

6.89

0.509

0.469

0.525

94.0

91.3

94.2

93.9

92.1

91.8

91.9

102

93.8

105

Source: E408205-01

ND

ND

ND

ND

ND

ND

70-130

70-130

48-131

45-135

48-130

43-135

43-135

43-135

70-130

70-130

70-130

0.110

1.52

1.35

2.62

1.05

1.57

envirotech Inc.

Prepared: 08/26/24 Analyzed: 08/26/24

23

27

24

27

27

27

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Bromofluorobenzene

Surrogate: 1,2-Dichloroethane-d4

Matrix Spike Dup (2435006-MSD1)

Surrogate: Toluene-d8

Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: Toluene-d8

QC Summary Data

Devon Energy - CarlsbadProject Name:LVP SWD #001Reported:6488 7 Rivers HwyProject Number:01058-0007Artesia NM, 88210Project Manager:Ashley Giovengo8/27/2024 4:42:08PM

Nonhalogenated	Organics by	v EPA 8015D	- GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

	resur				1100				
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2435006-BLK1)							Prepared: 08	8/26/24 A	nalyzed: 08/26/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.525		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.506		0.500		101	70-130			
Surrogate: Toluene-d8	0.529		0.500		106	70-130			
LCS (2435006-BS2)							Prepared: 08	8/26/24 A	nalyzed: 08/26/24
Gasoline Range Organics (C6-C10)	51.5	20.0	50.0	·	103	70-130			·
Surrogate: Bromofluorobenzene	0.518		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.468		0.500		93.6	70-130			
Surrogate: Toluene-d8	0.539		0.500		108	70-130			
Matrix Spike (2435006-MS2)				Source:	E408205-	01	Prepared: 08	8/26/24 A	nalyzed: 08/26/24
Gasoline Range Organics (C6-C10)	49.7	20.0	50.0	ND	99.4	70-130			
Surrogate: Bromofluorobenzene	0.500		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130			
Surrogate: Toluene-d8	0.532		0.500		106	70-130			
Matrix Spike Dup (2435006-MSD2)				Source:	E408205-	01	Prepared: 08	8/26/24 A	nalyzed: 08/26/24
Gasoline Range Organics (C6-C10)	50.1	20.0	50.0	ND	100	70-130	0.705	20	
Surrogate: Bromofluorobenzene	0.528		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.6	70-130			
Surrogate: Toluene-d8	0.548		0.500		110	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	LVP SWD #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	•
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/27/2024 4:42:08PM

Artesia NM, 88210		Project Manager	r: As	shley Gioveng	go			8/	27/2024 4:42:08PN
	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2435002-BLK1)							Prepared: 0	8/26/24 Ana	llyzed: 08/26/24
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	36.4		50.0		72.7	50-200			
LCS (2435002-BS1)							Prepared: 0	8/26/24 Ana	lyzed: 08/26/24
Diesel Range Organics (C10-C28)	187	25.0	250		74.7	38-132			
urrogate: n-Nonane	41.6		50.0		83.2	50-200			
Matrix Spike (2435002-MS1)				Source:	E408201-	01	Prepared: 0	8/26/24 Ana	lyzed: 08/26/24
Diesel Range Organics (C10-C28)	181	25.0	250	ND	72.4	38-132			
urrogate: n-Nonane	41.7		50.0		83.3	50-200			
Matrix Spike Dup (2435002-MSD1)				Source:	E408201-	01	Prepared: 0	8/26/24 Ana	alyzed: 08/26/24
Diesel Range Organics (C10-C28)	191	25.0	250	ND	76.4	38-132	5.44	20	
Gurrogate: n-Nonane	41.7		50.0		83.4	50-200			

Chloride

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy		110jeet 1 talliet		LVP SWD #001 01058-0007					Reported:	
Artesia NM, 88210		Project Manager		shley Gioveng	go				8/27/2024 4:42:08PM	
		Anions	by EPA 3	00.0/9056	4				Analyst: IY	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2435008-BLK1)							Prepared: 0	8/26/24 Aı	nalyzed: 08/26/24	
Chloride	ND	20.0								
LCS (2435008-BS1)							Prepared: 0	8/26/24 Aı	nalyzed: 08/26/24	
Chloride	252	20.0	250		101	90-110				
Matrix Spike (2435008-MS1)				Source:	E408202-	02	Prepared: 0	8/26/24 Aı	nalyzed: 08/26/24	
Chloride	297	20.0	250	38.2	103	80-120				
Matrix Snike Dun (2435008-MSD1)				Source	E408202-	02	Prepared: 0	8/26/24 A ₁	nalvzed: 08/26/24	

250

20.0

80-120

102

QC Summary Report Comment:

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	LVP SWD #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/27/24 16:42

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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

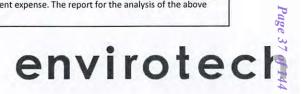


Chain of Custody Work Order# 21369072

Page	o.f
Page 1	OT

	Clie	nt Inform	nation			Invoice Information	í.				Lab	Use	Onl	ly				TA	AT.		State
Client: [Company: Devon		L	ab V	WO#		J	ob N	lum	ber		1D	2D	3D S	Std	NM CO UT TX
Project:	LVP SW.	D #OC	10			Address: 205 E Bender Road #2	150		F4	087	205	5 1	DIM	58-	DO	רכ			>	×	
Project N	Manager: As	hley Giov	engo			City, State, Zip: Hobbs NM, 882	240														7
	3122 Natio					Phone: (575)748-1838			Γ				Anal	ysis	and	Met	hod				EPA Program
City, Stat	te, Zip: Carls	bad NM,	88220			Email: dale.woodall@dvn.com	m														SDWA CWA RCRA
	575-988-005					liscellaneous: Dale Woodall														Ì	
	giovengo@e		om			10-50-00-00-00-00-00-00-00-00-00-00-00-00				2	2			- 8							Compliance Y or N
										8015	8015			0			<u>v</u>				PWSID#
				Sam	ple Informa	tion				to by	O by	8021	8260	300.	NN	XT - 20	Meta			ı	
Time	Date Sampled	Matrix	No. of Container			Sample ID	Field	Lat Numl)	DRO/ORO by	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Remarks
Sampled							Œ ti	Numl	ber	R D	g.	18	>	გ	BG	108	RC				
11:24	8/22/24	Soil	1	5	502	0		1							X						
									7				+								
											-	+									
Addition	nal Instructio	ns: Plea	ase CC:	cburton@e	ensolum.co	m, agiovengo@ensolum.com,	dale.wo	odall@	dvn	.com	, iest	rella	@er	nsolu	um.c	om,	bdea	l@e	nsolur	m.co	om,
	n@ensolum					The state of the s															
I, (field sam	pler), attest to the	e validity and	authentic	ity of this samp		that tampering with or intentionally mislab	eling the sa	mple loc	ation,	date o	r time o	of coll	ection	is cor	nsider	ed frau	d and	may be	e ground	ds for	legal action.
Sampled by	: Walk Britan	Bowg	n Sir	nmons																	
Relinquish	ed by: (Signatu	re) _e	Da 4	te /23/24	Time 10-15	Received by: (Signature)	es Date	23-2	14	Time	515				100000						ist be received on ice the day they are temp above 0 but less than 6 °C on
Relinguish	ed by: (Signatu	re)) Da	2324	Time 1640	Received by: (Signature)	Date			Time					Rec	eivec	on i	ce:	Lak		e Only
Relinquish	ed by: (Signatu	re)	Da	.23.24	Time	Received by: (Signature)	Date			Time	12	5			T1				T2		ТЗ
Relinquish	ed by: (Signatu	re)		te	Time	Received by: (Signature)	Date		7	Time					11		- 00	1	Į.		- 10
Cample 11	win C Cail Cd C	alial Car Clar	d= 0 0				Con	tainer	Typo		lace .	n - P/	alv/n				np °C		(- V/O A		
	trix: S - Soil, Sd - S					ner arrangements are made. Hazardou															for the analysis of the above
A COLUMN TO STATE OF THE PARTY						ith this COC. The liability of the labora										e chei	it exp	ciise.	ine iet	POIL	of the analysis of the above





Printed: 8/26/2024 8:17:09AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	08/26/24	07:00	Work Order ID:	E408205
Phone:	(505) 382-1211	Date Logged In:	08/23/24	16:32	Logged In By:	Noe Soto
Email:	ashley.giovengo@wescominc.com	Due Date:	08/30/24	17:00 (4 day TAT)		
GL :	10. 4.1. (000)					
	f Custody (COC)		37			
	the sample ID match the COC? The number of samples per sampling site location mat	ch the COC	Yes			
	samples dropped off by client or carrier?	en die coc	Yes	0 . 0 .		
	ne COC complete, i.e., signatures, dates/times, reques	eted analyses?	Yes Yes	Carrier: Courier		
	all samples received within holding time?	sted analyses:	Yes			
J. WOIC	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion.		103		Comment	ts/Resolution
	<u> Turn Around Time (TAT)</u>					
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample						
	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			
	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 visible ice, record the temperature. Actual sample	e received w/i 15	Yes <u>C</u>			
Sample	<u>Container</u>					
	aqueous VOC samples present?		No			
	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			
	non-VOC samples collected in the correct containers'	?	Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field La	•					
	e field sample labels filled out with the minimum info	rmation:				
	Sample ID?		Yes			
	Date/Time Collected?		Yes			
	Collectors name?		No			
	<u>Preservation</u>					
	the COC or field labels indicate the samples were pr	eserved?	No			
	sample(s) correctly preserved?	. 1.0	NA			
	o filteration required and/or requested for dissolved m	netals?	No			
	ase Sample Matrix					
	the sample have more than one phase, i.e., multipha		No			
27. If ye	s, does the COC specify which phase(s) is to be analy	zed?	NA			
Subcont	ract Laboratory					
28. Are s	samples required to get sent to a subcontract laborator	ry?	No			
29. Was	a subcontract laboratory specified by the client and it	f so who?	NA	Subcontract Lab: NA		
Client I	nstruction					
						
						_

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: LVP SWD #1

Work Order: E409120

Job Number: 01058-0007

Received: 9/16/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/20/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

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

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

Date Reported: 9/20/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: LVP SWD #1

Workorder: E409120

Date Received: 9/16/2024 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/16/2024 7:30:00AM, under the Project Name: LVP SWD #1.

The analytical test results summarized in this report with the Project Name: LVP SWD #1 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

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

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Laboratory Technical Representative Office: 505-421-LABS(5227)

Cell: 505-320-4759

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Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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SS09 - 0'	13
SS10 - 0'	14
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SS05 - 1'	16
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SS07 - 1'	18
SS08 - 1'	19
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Sample Summary

Devon Energy - Carlsbad	Project Name:	LVP SWD #1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	09/20/24 14:36

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS01 - 0'	E409120-01A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
SS03 - 0'	E409120-02A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
SS04 - 0'	E409120-03A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
SS05 - 0'	E409120-04A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
SS06 - 0'	E409120-05A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
SS07 - 0'	E409120-06A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
SS08 - 0'	E409120-07A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
SS09 - 0'	E409120-08A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
SS10 - 0'	E409120-09A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
SS10 - 0'	E409120-10A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
SS05 - 1'	E409120-11A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
SS06 - 1'	E409120-12A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
SS07 - 1'	E409120-13A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
SS08 - 1'	E409120-14A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
SS09 - 1'	E409120-15A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
SS10 - 1'	E409120-16A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
SS08A - 0'	E409120-17A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
SS08A - 1'	E409120-18A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
SS10A - 0'	E409120-19A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
SS10A - 1'	E409120-20A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
SS08B - 0'	E409120-21A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
SS08B - 1'	E409120-22A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	LVP SWD #1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/20/2024 2:36:58PM

SS01 - 0' E409120-01

		E409120-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Tharye	resur	Eiiiit	Bilation	Trepured	7 mary 200	rtotes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	/st: CG		Batch: 2438009
Benzene	ND	0.0250	1	09/16/24	09/18/24	
Ethylbenzene	ND	0.0250	1	09/16/24	09/18/24	
Toluene	ND	0.0250	1	09/16/24	09/18/24	
o-Xylene	ND	0.0250	1	09/16/24	09/18/24	
p,m-Xylene	ND	0.0500	1	09/16/24	09/18/24	
Total Xylenes	ND	0.0250	1	09/16/24	09/18/24	
Surrogate: 4-Bromochlorobenzene-PID		89.7 %	70-130	09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	/st: CG		Batch: 2438009
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/18/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.6 %	70-130	09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2437108
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/24	09/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/24	09/17/24	
Surrogate: n-Nonane		71.5 %	50-200	09/14/24	09/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: WF		Batch: 2438026
Chloride	388	20.0	1	09/17/24	09/17/24	

Devon Energy - Carlsbad	Project Name:	LVP SWD #1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/20/2024 2:36:58PM

SS03 - 0'

		E409120-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: CG		Batch: 2438009
Benzene	ND	0.0250	1	09/16/24	09/18/24	
Ethylbenzene	ND	0.0250	1	09/16/24	09/18/24	
Toluene	ND	0.0250	1	09/16/24	09/18/24	
o-Xylene	ND	0.0250	1	09/16/24	09/18/24	
o,m-Xylene	ND	0.0500	1	09/16/24	09/18/24	
Total Xylenes	ND	0.0250	1	09/16/24	09/18/24	
Surrogate: 4-Bromochlorobenzene-PID		88.1 %	70-130	09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: CG		Batch: 2438009
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/18/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.1 %	70-130	09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2437108
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/24	09/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/24	09/17/24	
Surrogate: n-Nonane		74.1 %	50-200	09/14/24	09/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: WF		Batch: 2438026
Chloride	40.9	20.0	1	09/17/24	09/17/24	



Devon Energy - Carlsbad	Project Name:	LVP SWD #1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/20/2024 2:36:58PM

SS04 - 0'

E409120-03						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: CG		Batch: 2438009
Benzene	ND	0.0250	1	09/16/24	09/18/24	
Ethylbenzene	ND	0.0250	1	09/16/24	09/18/24	
Toluene	ND	0.0250	1	09/16/24	09/18/24	
o-Xylene	ND	0.0250	1	09/16/24	09/18/24	
p,m-Xylene	ND	0.0500	1	09/16/24	09/18/24	
Total Xylenes	ND	0.0250	1	09/16/24	09/18/24	
Surrogate: 4-Bromochlorobenzene-PID		88.5 %	70-130	09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: CG		Batch: 2438009
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/18/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.7 %	70-130	09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2437108
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/24	09/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/24	09/17/24	
Surrogate: n-Nonane		82.5 %	50-200	09/14/24	09/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: WF		Batch: 2438026
Chloride	139	20.0	1	09/17/24	09/17/24	



Devon Energy - Carlsbad	Project Name:	LVP SWD #1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/20/2024 2:36:58PM

SS05 - 0'

E409120-04						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: CG		Batch: 2438009
Benzene	ND	0.0250	1	09/16/24	09/18/24	
Ethylbenzene	ND	0.0250	1	09/16/24	09/18/24	
Toluene	ND	0.0250	1	09/16/24	09/18/24	
o-Xylene	ND	0.0250	1	09/16/24	09/18/24	
p,m-Xylene	ND	0.0500	1	09/16/24	09/18/24	
Total Xylenes	ND	0.0250	1	09/16/24	09/18/24	
Surrogate: 4-Bromochlorobenzene-PID		89.0 %	70-130	09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: CG		Batch: 2438009
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/18/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.3 %	70-130	09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2437108
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/24	09/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/24	09/18/24	
Surrogate: n-Nonane		79.5 %	50-200	09/14/24	09/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: WF		Batch: 2438026
Chloride	141	20.0	1	09/17/24	09/17/24	·

Devon Energy - Carlsbad	Project Name:	LVP SWD #1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/20/2024 2:36:58PM

SS06 - 0' E409120-05

		E-10/120-03				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: CG		Batch: 2438009
Benzene	ND	0.0250	1	09/16/24	09/18/24	
Ethylbenzene	ND	0.0250	1	09/16/24	09/18/24	
Toluene	ND	0.0250	1	09/16/24	09/18/24	
o-Xylene	ND	0.0250	1	09/16/24	09/18/24	
p,m-Xylene	ND	0.0500	1	09/16/24	09/18/24	
Total Xylenes	ND	0.0250	1	09/16/24	09/18/24	
Surrogate: 4-Bromochlorobenzene-PID		88.5 %	70-130	09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: CG		Batch: 2438009
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/18/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.9 %	70-130	09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2437108
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/24	09/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/24	09/18/24	
Surrogate: n-Nonane		73.2 %	50-200	09/14/24	09/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: WF		Batch: 2438026
Chloride	40.8	20.0	1	09/17/24	09/17/24	



Devon Energy - Carlsbad	Project Name:	LVP SWD #1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/20/2024 2:36:58PM

SS07 - 0'

E409120-06						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: CG		Batch: 2438009
Benzene	ND	0.0250	1	09/16/24	09/18/24	
Ethylbenzene	ND	0.0250	1	09/16/24	09/18/24	
Toluene	ND	0.0250	1	09/16/24	09/18/24	
o-Xylene	ND	0.0250	1	09/16/24	09/18/24	
p,m-Xylene	ND	0.0500	1	09/16/24	09/18/24	
Total Xylenes	ND	0.0250	1	09/16/24	09/18/24	
Surrogate: 4-Bromochlorobenzene-PID		89.5 %	70-130	09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: CG		Batch: 2438009
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/18/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.2 %	70-130	09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2437108
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/24	09/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/24	09/18/24	
Surrogate: n-Nonane		78.1 %	50-200	09/14/24	09/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	llyst: WF		Batch: 2438026
Chloride	122	20.0	1	09/17/24	09/17/24	



Devon Energy - Carlsbad	Project Name:	LVP SWD #1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/20/2024 2:36:58PM

SS08 - 0'

E409120-07						
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: CG		Batch: 2438009
Benzene	ND	0.0250	1	09/16/24	09/18/24	
Ethylbenzene	ND	0.0250	1	09/16/24	09/18/24	
Toluene	ND	0.0250	1	09/16/24	09/18/24	
o-Xylene	ND	0.0250	1	09/16/24	09/18/24	
p,m-Xylene	ND	0.0500	1	09/16/24	09/18/24	
Total Xylenes	ND	0.0250	1	09/16/24	09/18/24	
Surrogate: 4-Bromochlorobenzene-PID		88.1 %	70-130	09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: CG		Batch: 2438009
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/18/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.1 %	70-130	09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: NV		Batch: 2437108
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/24	09/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/24	09/18/24	
Surrogate: n-Nonane		77.7 %	50-200	09/14/24	09/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: WF		Batch: 2438026
Chloride	215	20.0	1	09/17/24	09/17/24	



Chloride

Sample Data

Devon Energy - Carlsbad	Project Name:	LVP SWD #1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/20/2024 2:36:58PM

SS09 - 0'

E409120-08						
	D 1	Reporting		D 1		N
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: CG		Batch: 2438009
Benzene	ND	0.0250	1	09/16/24	09/18/24	
Ethylbenzene	ND	0.0250	1	09/16/24	09/18/24	
Toluene	ND	0.0250	1	09/16/24	09/18/24	
o-Xylene	ND	0.0250	1	09/16/24	09/18/24	
p,m-Xylene	ND	0.0500	1	09/16/24	09/18/24	
Total Xylenes	ND	0.0250	1	09/16/24	09/18/24	
Surrogate: 4-Bromochlorobenzene-PID		87.8 %	70-130	09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: CG		Batch: 2438009
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/18/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.7 %	70-130	09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2437108
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/24	09/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/24	09/18/24	
Surrogate: n-Nonane		83.0 %	50-200	09/14/24	09/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: WF		Batch: 2438026

20.0

ND



09/17/24

09/17/24

Devon Energy - Carlsbad	Project Name:	LVP SWD #1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/20/2024 2:36:58PM

SS10 - 0' E409120-09

		E409120-09				
Austra	Result	Reporting Limit	Dilution	Dd	A la d	Notes
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: CG		Batch: 2438056
Benzene	ND	0.0250	1	09/18/24	09/19/24	
Ethylbenzene	ND	0.0250	1	09/18/24	09/19/24	
Toluene	ND	0.0250	1	09/18/24	09/19/24	
o-Xylene	ND	0.0250	1	09/18/24	09/19/24	
p,m-Xylene	ND	0.0500	1	09/18/24	09/19/24	
Total Xylenes	ND	0.0250	1	09/18/24	09/19/24	
Surrogate: 4-Bromochlorobenzene-PID		86.1 %	70-130	09/18/24	09/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: CG		Batch: 2438056
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/18/24	09/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.3 %	70-130	09/18/24	09/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2438074
Diesel Range Organics (C10-C28)	ND	25.0	1	09/18/24	09/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/18/24	09/20/24	
Surrogate: n-Nonane		93.9 %	50-200	09/18/24	09/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: WF		Batch: 2438052
Chloride	816	20.0	1	09/18/24	09/19/24	



Devon Energy - Carlsbad	Project Name:	LVP SWD #1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/20/2024 2:36:58PM

SS10 - 0' E409120-10

		E409120-10				
	D. I.	Reporting		D. I		N
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: CG		Batch: 2438009
Benzene	ND	0.0250	1	09/16/24	09/18/24	
Ethylbenzene	ND	0.0250	1	09/16/24	09/18/24	
Toluene	ND	0.0250	1	09/16/24	09/18/24	
o-Xylene	ND	0.0250	1	09/16/24	09/18/24	
p,m-Xylene	ND	0.0500	1	09/16/24	09/18/24	
Total Xylenes	ND	0.0250	1	09/16/24	09/18/24	
Surrogate: 4-Bromochlorobenzene-PID		88.1 %	70-130	09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: CG		Batch: 2438009
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/18/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.2 %	70-130	09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2437108
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/24	09/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/24	09/18/24	
Surrogate: n-Nonane		79.5 %	50-200	09/14/24	09/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: WF		Batch: 2438026
Chloride	333	20.0	1	09/17/24	09/17/24	



Devon Energy - Carlsbad	Project Name:	LVP SWD #1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/20/2024 2:36:58PM

SS05 - 1'

E409120-11						
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: CG		Batch: 2438009
Benzene	ND	0.0250	1	09/16/24	09/18/24	
Ethylbenzene	ND	0.0250	1	09/16/24	09/18/24	
Toluene	ND	0.0250	1	09/16/24	09/18/24	
o-Xylene	ND	0.0250	1	09/16/24	09/18/24	
p,m-Xylene	ND	0.0500	1	09/16/24	09/18/24	
Total Xylenes	ND	0.0250	1	09/16/24	09/18/24	
Surrogate: 4-Bromochlorobenzene-PID		87.7 %	70-130	09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: CG		Batch: 2438009
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/18/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.8 %	70-130	09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2437108
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/24	09/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/24	09/18/24	
Surrogate: n-Nonane		78.8 %	50-200	09/14/24	09/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: WF		Batch: 2438026
Chloride	242	20.0	1	09/17/24	09/17/24	



Anions by EPA 300.0/9056A

Chloride

Sample Data

Devon Energy - Carlsbad	Project Name:	LVP SWD #1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/20/2024 2:36:58PM

SS06 - 1'

E409120-12						
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: CG		Batch: 2438009
Benzene	ND	0.0250	1	09/16/24	09/18/24	
Ethylbenzene	ND	0.0250	1	09/16/24	09/18/24	
Toluene	ND	0.0250	1	09/16/24	09/18/24	
o-Xylene	ND	0.0250	1	09/16/24	09/18/24	
p,m-Xylene	ND	0.0500	1	09/16/24	09/18/24	
Total Xylenes	ND	0.0250	1	09/16/24	09/18/24	
Surrogate: 4-Bromochlorobenzene-PID		89.1 %	70-130	09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: CG		Batch: 2438009
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/18/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.3 %	70-130	09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2437108
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/24	09/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/24	09/18/24	
Surrogate: n-Nonane		82.3 %	50-200	09/14/24	09/18/24	

20.0

mg/kg

329

Analyst: WF

09/17/24

09/17/24

1



Batch: 2438026

Devon Energy - Carlsbad	Project Name:	LVP SWD #1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/20/2024 2:36:58PM

SS07 - 1'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: CG		Batch: 2438009
Benzene	ND	0.0250	1	09/16/24	09/18/24	
Ethylbenzene	ND	0.0250	1	09/16/24	09/18/24	
Toluene	ND	0.0250	1	09/16/24	09/18/24	
o-Xylene	ND	0.0250	1	09/16/24	09/18/24	
p,m-Xylene	ND	0.0500	1	09/16/24	09/18/24	
Total Xylenes	ND	0.0250	1	09/16/24	09/18/24	
Surrogate: 4-Bromochlorobenzene-PID		88.5 %	70-130	09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	Analyst: CG		Batch: 2438009
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/18/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.0 %	70-130	09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	Analyst: NV		Batch: 2437108
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/24	09/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/24	09/18/24	
Surrogate: n-Nonane		81.2 %	50-200	09/14/24	09/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: WF		Batch: 2438026
Chloride	345	20.0	1	09/17/24	09/17/24	



Chloride

Sample Data

Devon Energy - Carlsbad	Project Name:	LVP SWD #1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/20/2024 2:36:58PM

SS08 - 1' E409120-14

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: CG		Batch: 2438009
Benzene	ND	0.0250	1	09/16/24	09/18/24	
Ethylbenzene	ND	0.0250	1	09/16/24	09/18/24	
Toluene	ND	0.0250	1	09/16/24	09/18/24	
o-Xylene	ND	0.0250	1	09/16/24	09/18/24	
p,m-Xylene	ND	0.0500	1	09/16/24	09/18/24	
Total Xylenes	ND	0.0250	1	09/16/24	09/18/24	
Surrogate: 4-Bromochlorobenzene-PID		89.0 %	70-130	09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: CG		Batch: 2438009
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/18/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.4 %	70-130	09/16/24	09/18/24	

Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: CG		Batch: 2438009
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/18/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.4 %	70-130	09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2437108
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/24	09/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/24	09/18/24	
Surrogate: n-Nonane		76.9 %	50-200	09/14/24	09/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: WF		Batch: 2438026

20.0

533

09/17/24

09/17/24

Devon Energy - Carlsbad	Project Name:	LVP SWD #1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/20/2024 2:36:58PM

SS09 - 1'

		E409120-15				
Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: CG		Batch: 2438009
Benzene	ND	0.0250	1	09/16/24	09/18/24	
Ethylbenzene	ND	0.0250	1	09/16/24	09/18/24	
Toluene	ND	0.0250	1	09/16/24	09/18/24	
o-Xylene	ND	0.0250	1	09/16/24	09/18/24	
p,m-Xylene	ND	0.0500	1	09/16/24	09/18/24	
Total Xylenes	ND	0.0250	1	09/16/24	09/18/24	
Surrogate: 4-Bromochlorobenzene-PID		89.6 %	70-130	09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: CG		Batch: 2438009
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/18/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.6 %	70-130	09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2437108
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/24	09/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/24	09/18/24	
Surrogate: n-Nonane		77.8 %	50-200	09/14/24	09/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: WF		Batch: 2438026
Chloride	227	20.0	1	09/17/24	09/17/24	·



Devon Energy - Carlsbad	Project Name:	LVP SWD #1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/20/2024 2:36:58PM

SS10 - 1' E409120-16

		E-10/120-10				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: CG	<u> </u>	Batch: 2438009
Benzene	ND	0.0250	1	09/16/24	09/18/24	
Ethylbenzene	ND	0.0250	1	09/16/24	09/18/24	
Toluene	ND	0.0250	1	09/16/24	09/18/24	
o-Xylene	ND	0.0250	1	09/16/24	09/18/24	
p,m-Xylene	ND	0.0500	1	09/16/24	09/18/24	
Total Xylenes	ND	0.0250	1	09/16/24	09/18/24	
Surrogate: 4-Bromochlorobenzene-PID		89.3 %	70-130	09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: CG		Batch: 2438009
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/18/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.2 %	70-130	09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2437108
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/24	09/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/24	09/18/24	
Surrogate: n-Nonane		77.4 %	50-200	09/14/24	09/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: WF		Batch: 2438026
Chloride	929	20.0	1	09/17/24	09/17/24	



Devon Energy - Carlsbad	Project Name:	LVP SWD #1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/20/2024 2:36:58PM

SS08A - 0' E409120-17

		E409120-17				
	D 1:	Reporting	D 71 - 1	D 1		N.
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: CG		Batch: 2438009
Benzene	ND	0.0250	1	09/16/24	09/18/24	
Ethylbenzene	ND	0.0250	1	09/16/24	09/18/24	
Toluene	ND	0.0250	1	09/16/24	09/18/24	
o-Xylene	ND	0.0250	1	09/16/24	09/18/24	
p,m-Xylene	ND	0.0500	1	09/16/24	09/18/24	
Total Xylenes	ND	0.0250	1	09/16/24	09/18/24	
Surrogate: 4-Bromochlorobenzene-PID		88.8 %	70-130	09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: CG		Batch: 2438009
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/18/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.5 %	70-130	09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2437108
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/24	09/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/24	09/18/24	
Surrogate: n-Nonane		80.6 %	50-200	09/14/24	09/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: WF		Batch: 2438026
Chloride	664	40.0	2	09/17/24	09/17/24	



Devon Energy - Carlsbad	Project Name:	LVP SWD #1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/20/2024 2:36:58PM

SS08A - 1' E409120-18

		E409120-18				
	D 1:	Reporting	D 3.43	D 1		N
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: CG		Batch: 2438009
Benzene	ND	0.0250	1	09/16/24	09/18/24	
Ethylbenzene	ND	0.0250	1	09/16/24	09/18/24	
Toluene	ND	0.0250	1	09/16/24	09/18/24	
o-Xylene	ND	0.0250	1	09/16/24	09/18/24	
p,m-Xylene	ND	0.0500	1	09/16/24	09/18/24	
Total Xylenes	ND	0.0250	1	09/16/24	09/18/24	
Surrogate: 4-Bromochlorobenzene-PID		88.8 %	70-130	09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: CG		Batch: 2438009
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/18/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.7 %	70-130	09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2437108
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/24	09/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/24	09/18/24	
Surrogate: n-Nonane		88.8 %	50-200	09/14/24	09/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: WF		Batch: 2438026
Chloride	637	20.0	1	09/17/24	09/17/24	



Devon Energy - Carlsbad	Project Name:	LVP SWD #1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/20/2024 2:36:58PM

SS10A - 0' E409120-19

		E409120-19				
Analyte	Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
Allaryte	Result	Lillit	Dilution	1 Терагец	Allalyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: CG		Batch: 2438009
Benzene	ND	0.0250	1	09/16/24	09/18/24	
Ethylbenzene	ND	0.0250	1	09/16/24	09/18/24	
Toluene	ND	0.0250	1	09/16/24	09/18/24	
o-Xylene	ND	0.0250	1	09/16/24	09/18/24	
p,m-Xylene	ND	0.0500	1	09/16/24	09/18/24	
Total Xylenes	ND	0.0250	1	09/16/24	09/18/24	
Surrogate: 4-Bromochlorobenzene-PID		90.0 %	70-130	09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: CG		Batch: 2438009
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/18/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.7 %	70-130	09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: NV		Batch: 2437108
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/24	09/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/24	09/18/24	
Surrogate: n-Nonane		77.8 %	50-200	09/14/24	09/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: WF		Batch: 2438026
Chloride	ND	20.0	1	09/17/24	09/17/24	



Devon Energy - Carlsbad	Project Name:	LVP SWD #1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/20/2024 2:36:58PM

SS10A - 1' E409120-20

		E409120-20				
	D 1:	Reporting	D.1:	D 1		N.
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	Analyst: CG		Batch: 2438009
Benzene	ND	0.0250	1	09/16/24	09/18/24	
Ethylbenzene	ND	0.0250	1	09/16/24	09/18/24	
Toluene	ND	0.0250	1	09/16/24	09/18/24	
o-Xylene	ND	0.0250	1	09/16/24	09/18/24	
p,m-Xylene	ND	0.0500	1	09/16/24	09/18/24	
Total Xylenes	ND	0.0250	1	09/16/24	09/18/24	
Surrogate: 4-Bromochlorobenzene-PID		90.1 %	70-130	09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: CG		Batch: 2438009
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/18/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.4 %	70-130	09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2437108
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/24	09/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/24	09/18/24	
Surrogate: n-Nonane		86.5 %	50-200	09/14/24	09/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: WF		Batch: 2438026
Chloride	461	20.0	1	09/17/24	09/17/24	



Devon Energy - Carlsbad	Project Name:	LVP SWD #1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/20/2024 2:36:58PM

SS08B - 0' E409120-21

		E40/120-21				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: CG	·	Batch: 2438002
Benzene	ND	0.0250	1	09/16/24	09/16/24	
Ethylbenzene	ND	0.0250	1	09/16/24	09/16/24	
Toluene	ND	0.0250	1	09/16/24	09/16/24	
o-Xylene	ND	0.0250	1	09/16/24	09/16/24	
p,m-Xylene	ND	0.0500	1	09/16/24	09/16/24	
Total Xylenes	ND	0.0250	1	09/16/24	09/16/24	
Surrogate: 4-Bromochlorobenzene-PID		99.0 %	70-130	09/16/24	09/16/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	Analyst: CG		Batch: 2438002
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.3 %	70-130	09/16/24	09/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2437107
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/24	09/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/24	09/17/24	
Surrogate: n-Nonane		78.3 %	50-200	09/14/24	09/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: JM		Batch: 2438019
Chloride	194	20.0	1	09/16/24	09/17/24	



Devon Energy - Carlsbad	Project Name:	LVP SWD #1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/20/2024 2:36:58PM

SS08B - 1'

E409120-22										
		Reporting								
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes				
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	Analyst: CG		Batch: 2438002				
Benzene	ND	0.0250	1	09/16/24	09/16/24					
Ethylbenzene	ND	0.0250	1	09/16/24	09/16/24					
Toluene	ND	0.0250	1	09/16/24	09/16/24					
o-Xylene	ND	0.0250	1	09/16/24	09/16/24					
p,m-Xylene	ND	0.0500	1	09/16/24	09/16/24					
Total Xylenes	ND	0.0250	1	09/16/24	09/16/24					
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	09/16/24	09/16/24					
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: CG		Batch: 2438002				
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/16/24					
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.9 %	70-130	09/16/24	09/16/24					
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2437107				
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/24	09/17/24					
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/24	09/17/24					
Surrogate: n-Nonane		87.1 %	50-200	09/14/24	09/17/24					
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: JM		Batch: 2438019				
Chloride	522	20.0	1	09/16/24	09/17/24					



QC Summary Data

		QC bi	<u> </u>	ny Data					
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	01	VP SWD #1 .058-0007 shley Gioveng	10			9/2	Reported: 0/2024 2:36:58PM
Artesia IVIVI, 00210							7/20/2024		
		Volatile O	rganics l	y EPA 802	1B		Analyst: CG		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2438002-BLK1)							Prepared: 0	9/16/24 Anal	yzed: 09/16/24
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	8.02		8.00		100	70-130			
LCS (2438002-BS1)							Prepared: 0	9/16/24 Anal	yzed: 09/16/24
Benzene	5.67	0.0250	5.00		113	70-130			
Ethylbenzene	5.46	0.0250	5.00		109	70-130			
Toluene	5.58	0.0250	5.00		112	70-130			
o-Xylene	5.45	0.0250	5.00		109	70-130			
o,m-Xylene	11.1	0.0500	10.0		111	70-130			
Total Xylenes	16.6	0.0250	15.0		110	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.01		8.00		100	70-130			
Matrix Spike (2438002-MS1)				Source:	E409109-	06	Prepared: 0	9/16/24 Anal	yzed: 09/16/24
Benzene	5.12	0.0250	5.00	ND	102	54-133			
Ethylbenzene	4.92	0.0250	5.00	ND	98.4	61-133			
Toluene	5.04	0.0250	5.00	ND	101	61-130			
o-Xylene	4.90	0.0250	5.00	ND	98.1	63-131			
o,m-Xylene	10.0	0.0500	10.0	ND	100	63-131			
Total Xylenes	14.9	0.0250	15.0	ND	99.4	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.99		8.00		99.9	70-130			
Matrix Spike Dup (2438002-MSD1)				Source:	E409109-	06	Prepared: 0	9/16/24 Anal	yzed: 09/16/24
Benzene	5.35	0.0250	5.00	ND	107	54-133	4.47	20	
Ethylbenzene	5.16	0.0250	5.00	ND	103	61-133	4.66	20	
Toluene	5.27	0.0250	5.00	ND	105	61-130	4.53	20	
p-Xylene	5.15	0.0250	5.00	ND	103	63-131	4.90	20	
p,m-Xylene	10.5	0.0500	10.0	ND	105	63-131	4.69	20	
Total Xylenes	15.6	0.0250	15.0	ND	104	63-131	4.76	20	



70-130

Surrogate: 4-Bromochlorobenzene-PID

OC Summary Data

		QC SI	UIIIIII	ary Data	ı				
Devon Energy - Carlsbad		Project Name:	I	LVP SWD #1					Reported:
6488 7 Rivers Hwy		Project Number:	0	01058-0007					•
Artesia NM, 88210		Project Manager:	A	Ashley Gioveng	0			9/	/20/2024 2:36:58PM
		Volatile O	rganics	by EPA 802	1B	Analyst:			
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2438009-BLK1)							Prepared: 0	9/16/24 Ana	alyzed: 09/18/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.90		8.00		86.2	70-130			
LCS (2438009-BS1)							Prepared: 0	9/16/24 Ana	alyzed: 09/19/24
Benzene	4.96	0.0250	5.00		99.1	70-130			
Ethylbenzene	4.83	0.0250	5.00		96.5	70-130			
Toluene	4.92	0.0250	5.00		98.3	70-130			
o-Xylene	4.81	0.0250	5.00		96.1	70-130			
p,m-Xylene	9.78	0.0500	10.0		97.8	70-130			
Total Xylenes	14.6	0.0250	15.0		97.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.09		8.00		88.6	70-130			
Matrix Spike (2438009-MS1)				Source: 1	E409120-	06	Prepared: 0	9/16/24 Ana	alyzed: 09/18/24
Benzene	4.00	0.0250	5.00	ND	79.9	54-133			
Ethylbenzene	3.83	0.0250	5.00	ND	76.6	61-133			
Toluene	3.93	0.0250	5.00	ND	78.6	61-130			
p-Xylene	3.81	0.0250	5.00	ND	76.1	63-131			
p,m-Xylene	7.81	0.0500	10.0	ND	78.1	63-131			
Total Xylenes	11.6	0.0250	15.0	ND	77.4	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.09		8.00	<u> </u>	88.6	70-130			
Matrix Spike Dup (2438009-MSD1)				Source: 1	E409120-	06	Prepared: 0	9/16/24 Ana	alyzed: 09/18/24
Benzene	4.58	0.0250	5.00	ND	91.5	54-133	13.5	20	
Ethylbenzene	4.40	0.0250	5.00	ND	88.1	61-133	13.9	20	
Toluene	4.50	0.0250	5.00	ND	90.0	61-130	13.5	20	
o-Xylene	4.38	0.0250	5.00	ND	87.5	63-131	14.0	20	
p,m-Xylene	8.96	0.0500	10.0	ND	89.6	63-131	13.7	20	
Total Xylenes	13.3	0.0250	15.0	ND	88.9	63-131	13.8	20	
C . (D . 11 . 1 . DID			0.00		000	70 120			



Surrogate: 4-Bromochlorobenzene-PID

7.11

70-130

QC Summary Data

		<u>QC</u> 50	41111114	iry Data					
Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:	01	VP SWD #1					Reported:
Artesia NM, 88210		Project Manager:	r: Ashley Giovengo				9/20/2024 2:3		
		Volatile O	rganics b	oy EPA 802	1B		Analyst: CG		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2438056-BLK1)							Prepared: 0	9/18/24 Anal	yzed: 09/19/24
Benzene	ND	0.0250							-
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.94		8.00		86.7	70-130			
LCS (2438056-BS1)							Prepared: 0	9/18/24 Anal	yzed: 09/19/24
Benzene	4.73	0.0250	5.00		94.7	70-130			
Ethylbenzene	4.65	0.0250	5.00		92.9	70-130			
Coluene	4.72	0.0250	5.00		94.4	70-130			
o-Xylene	4.61	0.0250	5.00		92.2	70-130			
o,m-Xylene	9.44	0.0500	10.0		94.4	70-130			
Total Xylenes	14.1	0.0250	15.0		93.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.95		8.00		86.9	70-130			
Matrix Spike (2438056-MS1)				Source:	E409138-	07	Prepared: 0	9/18/24 Anal	yzed: 09/19/24
Benzene	4.60	0.0250	5.00	ND	92.0	54-133			
Ethylbenzene	4.51	0.0250	5.00	ND	90.2	61-133			
Toluene	4.59	0.0250	5.00	ND	91.8	61-130			
o-Xylene	4.48	0.0250	5.00	ND	89.6	63-131			
o,m-Xylene	9.17	0.0500	10.0	ND	91.7	63-131			
Total Xylenes	13.7	0.0250	15.0	ND	91.0	63-131			
Surrogate: 4-Bromochlorobenzene-PID	6.84		8.00		85.5	70-130			
Matrix Spike Dup (2438056-MSD1)				Source:	E409138-	07	Prepared: 0	9/18/24 Anal	yzed: 09/19/24
Benzene	4.46	0.0250	5.00	ND	89.1	54-133	3.20	20	
Ethylbenzene	4.39	0.0250	5.00	ND	87.8	61-133	2.62	20	
Toluene	4.45	0.0250	5.00	ND	89.0	61-130	3.09	20	
o-Xylene	4.36	0.0250	5.00	ND	87.1	63-131	2.86	20	
p,m-Xylene	8.92	0.0500	10.0	ND	89.2	63-131	2.70	20	
Total Xylenes	13.3	0.0250	15.0	ND	88.5	63-131	2.75	20	



70-130

Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

Devon Energy - Carlsbad	Project Name:	LVP SWD #1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	•
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/20/2024 2:36:58PM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go			9/2	0/2024 2:36:58PM	
	Non	halogenated	Organics l	by EPA 80	15D - Gl	RO		Analyst: CG		
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes	
Blank (2438002-BLK1)			Prepared: (yzed: 09/16/24	
Gasoline Range Organics (C6-C10)	ND	20.0								
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.45		8.00		93.1	70-130				
LCS (2438002-BS2)							Prepared: 0	9/16/24 Anal	yzed: 09/16/24	
Gasoline Range Organics (C6-C10)	47.2	20.0	50.0		94.3	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.60		8.00		95.0	70-130				
Matrix Spike (2438002-MS2)				Source:	E409109-	06	Prepared: 09/16/24 Analyzed: 09/16/24			
Gasoline Range Organics (C6-C10)	46.6	20.0	50.0	ND	93.2	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.60		8.00		95.0	70-130				
Matrix Spike Dup (2438002-MSD2)				Source:	E409109-	06	Prepared: 0	9/16/24 Anal	yzed: 09/16/24	
Gasoline Range Organics (C6-C10)	47.9	20.0	50.0	ND	95.9	70-130	2.82	20		
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.61		8.00		95.1	70-130				

QC Summary Data

Devon Energy - CarlsbadProject Name:LVP SWD #1Reported:6488 7 Rivers HwyProject Number:01058-0007Artesia NM, 88210Project Manager:Ashley Giovengo9/20/20242:36:58PM

Nauhalaganatad	Ouganias	L. EDA	0015D	CDO
Nonhalogenated	Organics	DV EPA	8015D -	GRO

Analyst: CG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

	Result	Lillit	Level	Result	Rec	Lillius	KI D	Lillit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2438009-BLK1)							Prepared: 0	9/16/24 An	alyzed: 09/18/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.78		8.00		97.2	70-130			
LCS (2438009-BS2)							Prepared: 0	9/16/24 An	alyzed: 09/18/24
Gasoline Range Organics (C6-C10)	38.3	20.0	50.0		76.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.85		8.00		98.2	70-130			
Matrix Spike (2438009-MS2)				Source: E409120-06			Prepared: 09/16/24 Analyzed: 09/19/24		
Gasoline Range Organics (C6-C10)	47.3	20.0	50.0	ND	94.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.82		8.00		97.8	70-130			
Matrix Spike Dup (2438009-MSD2)			Source: E409120-06				Prepared: 0	9/16/24 An	alyzed: 09/19/24
Gasoline Range Organics (C6-C10)	44.7	20.0	50.0	ND	89.3	70-130	5.66	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.87		8.00		98.4	70-130			



Surrogate: 1-Chloro-4-fluorobenzene-FID

7.85

QC Summary Data

Devon Energy - Carlsbad	Project Name:	LVP SWD #1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	•
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/20/2024 2:36:58PM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			9/	20/2024 2:36:58PM	
	Nonhalogenated Organics by EPA 8015D - GRO							Analyst: CG		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2438056-BLK1)							Prepared: 0	9/18/24 Ana	llyzed: 09/19/24	
Gasoline Range Organics (C6-C10)	ND	20.0								
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.78		8.00		97.2	70-130				
LCS (2438056-BS2)							Prepared: 0	9/18/24 Ana	lyzed: 09/19/24	
Gasoline Range Organics (C6-C10)	38.1	20.0	50.0		76.2	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.85		8.00		98.1	70-130				
Matrix Spike (2438056-MS2)				Source:	Source: E409138-07			Prepared: 09/18/24 Analyzed: 09/19/24		
Gasoline Range Organics (C6-C10)	44.5	20.0	50.0	ND	89.0	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.82		8.00		97.7	70-130				
Matrix Spike Dup (2438056-MSD2)				Source:	E409138-	07	Prepared: 0	9/18/24 Ana	lyzed: 09/19/24	
Gasoline Range Organics (C6-C10)	41.6	20.0	50.0	ND	83.2	70-130	6.82	20		

98.1

70-130



QC Summary Data

Devon Energy - Carlsbad	Project Name:	LVP SWD #1	Reported:
6488 7 Rivers Hwy Artesia NM. 88210	Project Number: Project Manager:	01058-0007 Ashley Giovengo	9/20/2024 2:36:58PM
Artesia NWI, 88210	Project Manager:	Ashley Glovengo	9/20/2024 2.30.38FW

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go			9	/20/2024 2:36:58PN	
	Nonhalogenated Organics by EPA 8015D - DRO/ORO							Analyst: NV		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2437107-BLK1)							Prepared: 0	9/14/24 Ana	alyzed: 09/16/24	
Diesel Range Organics (C10-C28)	ND	25.0								
Dil Range Organics (C28-C36)	ND	50.0								
Surrogate: n-Nonane	44.9		50.0		89.8	50-200				
LCS (2437107-BS1)							Prepared: 0	9/14/24 Ana	alyzed: 09/16/24	
Diesel Range Organics (C10-C28)	194	25.0	250		77.5	38-132				
Surrogate: n-Nonane	46.6		50.0		93.1	50-200				
Matrix Spike (2437107-MS1)				Source:	E409109-	02	Prepared: 0	9/14/24 Ana	alyzed: 09/16/24	
Diesel Range Organics (C10-C28)	214	25.0	250	ND	85.7	38-132				
Surrogate: n-Nonane	50.2		50.0		100	50-200				
Matrix Spike Dup (2437107-MSD1)				Source:	E409109-	02	Prepared: 0	9/14/24 Ana	alyzed: 09/16/24	
Diesel Range Organics (C10-C28)	209	25.0	250	ND	83.6	38-132	2.50	20		
Surrogate: n-Nonane	49.7		50.0		99.3	50-200				



Devon Energy - Carlsbad	Project Name:	LVP SWD #1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	-
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/20/2024 2:36:58PM

	Project Manager	r: As	hley Gioveng	go				9/20/2024 2:36:58PN
Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: NV
Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
						Prepared: 0	9/14/24 Ar	alyzed: 09/17/24
ND	25.0							
ND	50.0							
45.7		50.0		91.5	50-200			
						Prepared: 0	9/14/24 Ar	alyzed: 09/17/24
192	25.0	250		76.9	38-132			
46.3		50.0		92.6	50-200			
			Source:	E409120-0	03	Prepared: 0	9/14/24 Ar	alyzed: 09/17/24
183	25.0	250	ND	73.1	38-132			
45.6		50.0		91.1	50-200			
			Source:	E409120-0	03	Prepared: 0	9/14/24 Ar	alyzed: 09/17/24
190	25.0	250	ND	75.9	38-132	3.74	20	
	Result mg/kg ND ND 45.7 192 46.3	Nonhalogenated Organization Nonhalogenated Organization Reporting Limit mg/kg ND 25.0 ND 50.0 45.7 192 25.0 46.3 183 25.0 45.6 45.6	Nonhalogenated Organics by	Nonhalogenated Organics by EPA 80151 Result	Nonhalogenated Organics by EPA 8015D - DRO	Nonhalogenated Organics by EPA 8015D - DRO/ORO Result Reporting Limit Level Result Rec Limits mg/kg mg/kg mg/kg mg/kg % % %	Nonhalogenated Organics by EPA 8015D - DRO/ORO Result Reporting Limit Level Result Rec Limits RPD mg/kg mg/kg mg/kg mg/kg % % % % % % % % % % % %	Nonhalogenated Organics by EPA 8015D - DRO/ORO Result Reporting Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % % % % % % % % % % % % % % %

Devon Energy - Carlsbad	Project Name:	LVP SWD #1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	-
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/20/2024 2:36:58PM

Artesia NM, 88210		Project Manager	r: As	shley Gioveng	go			9/	20/2024 2:36:58PN
	Nonha) - DRO	/ORO			Analyst: NV			
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2438074-BLK1)							Prepared: 0	9/18/24 Ana	lyzed: 09/20/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.4		50.0		96.7	50-200			
LCS (2438074-BS1)							Prepared: 0	9/18/24 Ana	lyzed: 09/20/24
Diesel Range Organics (C10-C28)	188	25.0	250		75.0	38-132			
Surrogate: n-Nonane	51.7		50.0		103	50-200			
LCS Dup (2438074-BSD1)							Prepared: 0	9/18/24 Ana	lyzed: 09/20/24
Diesel Range Organics (C10-C28)	197	25.0	250		78.7	38-132	4.75	20	
Surrogate: n-Nonane	50.3		50.0		101	50-200			



Devon Energy - Carlsbad	on Energy - Carlsbad Project Name: LVP SWD #1 8 7 Rivers Hwy Project Number: 01058-0007		Reported:		
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/20/2024 2:36:58PM		
	Anions by EPA 300.0/9056A				

		Anions	by EPA 3	00.0/9056 <i>A</i>	A				Analyst: JM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2438019-BLK1)							Prepared: 0	9/16/24 Ana	alyzed: 09/16/24
Chloride	ND	20.0							
LCS (2438019-BS1)							Prepared: 0	9/16/24 Ana	alyzed: 09/16/24
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2438019-MS1)				Source:	E409116-	06	Prepared: 0	9/16/24 Ana	alyzed: 09/16/24
Chloride	350	20.0	250	126	89.7	80-120			
Matrix Spike Dup (2438019-MSD1)				Source:	E409116-	06	Prepared: 0	9/16/24 Ana	alyzed: 09/16/24
Chloride	351	20.0	250	126	90.2	80-120	0.307	20	



Chloride

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	LVP SWD #1 01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/20/2024 2:36:58PM

		Anions			Analyst: WF				
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2438026-BLK1)							Prepared: 0	9/17/24 Anal	yzed: 09/17/24
Chloride	ND	20.0							
LCS (2438026-BS1)							Prepared: 0	9/17/24 Anal	yzed: 09/17/24
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2438026-MS1)				Source:	E409120-0	03	Prepared: 0	9/17/24 Anal	yzed: 09/17/24
Chloride	371	20.0	250	139	92.8	80-120			
Matrix Spike Dup (2438026-MSD1)				Source:	E409120-0	03	Prepared: 0	9/17/24 Anal	yzed: 09/17/24

250

139

97.5

80-120

20.0



Chloride

M2

QC Summary Data

Devon Energy - Carlsbad		Project Name:	Project Name: LVP						Reported:
6488 7 Rivers Hwy		Project Number:	058-0007						
Artesia NM, 88210		Project Manager	: As	hley Gioven	go				9/20/2024 2:36:58PM
		Anions	by EPA 3	00.0/9056	A				Analyst: WF
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2438052-BLK1)							Prepared: 0	9/18/24 A	nalyzed: 09/18/24
Chloride	ND	20.0							
LCS (2438052-BS1)							Prepared: 0	9/18/24 A	nalyzed: 09/18/24
Chloride	250	20.0	250		99.9	90-110			
Matrix Spike (2438052-MS1)				Source:	E409128-0	03	Prepared: 0	9/18/24 A	nalyzed: 09/18/24
Chloride	531	20.0	250	285	98.3	80-120			
Matrix Spike Dup (2438052-MSD1)				Source:	E409128-0	03	Prepared: 0	9/18/24 A	nalyzed: 09/18/24

250

20.0

285

135

80-120

15.8

QC Summary Report Comment:

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



Definitions and Notes

ſ	Devon Energy - Carlsbad	Project Name:	LVP SWD #1	
١	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
١	Artesia NM, 88210	Project Manager:	Ashley Giovengo	09/20/24 14:36

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

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

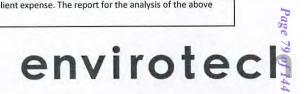
Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Page	of	3
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	Clie	nt Inform	ation		Invoice Informati	on			La	ab Us	e On	ly	TAT					State
Client: D					Company: Devon		La	b WO	# 10			Numl		5	1D	2D 3D		NM CO UT TX
	LVP SU			_	Address: 205 E Bender Road		<u>_</u> <u>_</u> <u>_</u>	40	112	0	OC	128	oa	21			X	X
	Manager: As				City, State, Zip: Hobbs NM, 8 Phone: (575)748-1838	38240	-				Δna	lycic	and	Metl	hod			EPA Program
	3122 Natio		V 15 15 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				_	-			Alla	19313	anu	IVICU	Tou			SDWA CWA RCRA
-	e, Zip: Carls 575-988-005		00220		Email: dale.woodall@dvn.c Miscellaneous: Dale Woodall	COM	_											SOUTH COTT
	giovengo@e		om		Iviiscellarieous. Dale woodali			10	10							- 1		Compliance Y or N
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9:22					5506-01		5						X					
9:23					5507-01		6						X					
9:44					5508-01		7						X					
9:45					5509-61		8						X					
9:44					5510-01		9,						X					
10:03	V	V	1		5510-01 5510-01		10						X					
Addition	al Instruction	ns: Ple	ase CC: cb	urton@ensol	um.com, agiovengo@ensolum.com	n, dale.wo	odall@	dvn.c	om, c	hami	lton(@ens	olum	n.cor	n, ies	trella@	ensol	um.com
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	Cole Burton	c validity and	a datricincity	or this sumple. To	L . A					7, 7, 7						-1,70.0		
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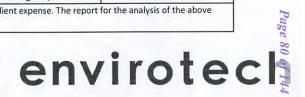




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Company: Devon Project Manager: Ashley Glovengo Address: 205 E Bender Road #150 City, State, Zip: Hobbs NM, 88240 Phone: (575)748-1838 Email: aglovengo@ensolum.com Sample Information Time Sampled Matrix Company: Devon Address: 205 E Bender Road #150 City, State, Zip: Hobbs NM, 88240 Phone: (575)748-1838 Email: aglovengo@ensolum.com Sample Information Time Sampled Date Sampled Matrix Company: Devon Address: 205 E Bender Road #150 City, State, Zip: Hobbs NM, 88240 Phone: (575)748-1838 Email: aglovengo@ensolum.com Sample Information Time Sampled Date Sampled Matrix Company: Devon Address: 205 E Bender Road #150 City, State, Zip: Hobbs NM, 88240 Phone: (575)748-1838 Email: aglovengo@ensolum.com Sample Information Time Sampled Date Sampled Matrix Company: Devon Address: 205 E Bender Road #150 City, State, Zip: Hobbs NM, 88240 Phone: (575)748-1838 Email: aglovengo@ensolum.com Miscellaneous: Dale Woodall Time Sampled Date Sampled Matrix Company: Devon Address: 205 E Bender Road #150 City, State, Zip: Hobbs NM, 88240 Phone: (575)748-1838 Email: aglovengo@ensolum.com Jip Sample Information Time Sampled Date Sampled Native Company: Date Sample Information Time Sampled Date Sampled Native Company: Date Sample Information Time Sampled Date Sampled Native Company: Date Sample Information Time Sampled Date Sampled Native Company: Date Sample Information Time Sampled Date Sampled Native Company: Date Sample Information Time Sa																Chai	11 01	cusi	ouy																Page _	
Project Manager: Ashley Glovengo Address: 3122 National Parks Hwy City, State, Zip: Carlsbad NIM, 88220 Phone: 575-9748-1838 Email: adiovengo@ensolum.com Sample Information		C	lient	Info	orma	ation							Ir	nvoi	ice In	format	ion					Lab	Use	Only	,				TA	\T				State	9	
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SSIDA-0 Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, dale.woodall@dvn.com, chamilton@ensolum.com, iestrella@ensolum.com (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Cole Burton Relinquished by: (Signature) Date Time Received on ice at an avg temp above 0 but less to subsequent days. Lab Use Only Received on ice: Received on ice: N	56					1					55	08	A	-	,)				18							X										
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Client Information				Invoid	ce Information					Lab	Us	e On	ly		TAT State									
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Project:						Address: 205 E B	Sender Road #150					120		0105							X	X		
Project N	Manager: As	hley Giov	engo			City, State, Zip: H	Hobbs NM, 88240							-								1		
Address:	3122 Natio	nal Parks	Hwy			Phone: (575)748	-1838							Ana	lysis	and	Met	hod				EP	A Progra	m
City, Stat	e, Zip: Carls	bad NM,	88220			Email: dale.wo	odall@dvn.com															SDWA	CWA	RCRA
Phone: !	575-988-005	5	***************************************			Miscellaneous: Da															Ì			
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envirotech

Printed: 9/16/2024 10:51:36AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	09/16/24 (07:30	Work Order ID:	E409120
Phone:	(505) 382-1211	Date Logged In:	09/13/24	16:36	Logged In By:	Noe Soto
Email:	ashley.giovengo@wescominc.com	Due Date:	09/20/24	17:00 (4 day TAT)		
Chain of	Custody (COC)					
	ne sample ID match the COC?		Yes			
	ne number of samples per sampling site location ma	tch the COC	Yes			
	amples dropped off by client or carrier?		Yes	Carrier: Cour	<u>rier</u>	
	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes			
5. Were a	Il 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 disucssi	•	Yes	_	<u>Commen</u>	ts/Resolution
Sample T	<u> Curn Around Time (TAT)</u>					
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample C						
	sample cooler received?		Yes			
•	was cooler received in good condition?		Yes			
9. Was th	e sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
11. If yes	, were custody/security seals intact?		NA			
	e sample received on ice? If yes, the recorded temp is 4°C. Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes C			
	Container	<u> </u>	<u>~</u>			
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers	9	Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field Lab	•	ners conceicu:	103			
	field sample labels filled out with the minimum info	ormation:				
	ample ID?	ornation.	Yes			
	rate/Time Collected?		Yes			
C	ollectors name?		No			
Sample P	<u>Preservation</u>					
21. Does	the COC or field labels indicate the samples were p	reserved?	No			
	ample(s) correctly preserved?		NA			
24. Is lab	filteration required and/or requested for dissolved n	netals?	No			
Multipha	se Sample Matrix					
26. Does	the sample have more than one phase, i.e., multipha	se?	No			
27. If yes	, does the COC specify which phase(s) is to be analy	yzed?	NA			
Subcontr	act Laboratory					
	amples required to get sent to a subcontract laborato	ry?	No			
	subcontract laboratory specified by the client and i	-	NA	Subcontract Lab: N	JA	
Client Ir	nstruction .					

Date

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: LVP SWD #001

Work Order: E409208

Job Number: 01058-0007

Received: 9/24/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/30/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

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

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

Date Reported: 9/30/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: LVP SWD #001

Workorder: E409208

Date Received: 9/24/2024 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/24/2024 7:30:00AM, under the Project Name: LVP SWD #001.

The analytical test results summarized in this report with the Project Name: LVP SWD #001 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

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe

Laboratory Technical Representative Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative Office: 505-421-LABS(5227)

3111ec. 303 121 E11B5(322

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	LVP SWD #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	09/30/24 15:32

Client Sample ID	Lab Sample ID M	latrix	Sampled	Received	Container
BHO1-0'	E409208-01A	Soil	09/20/24	09/24/24	Glass Jar, 2 oz.
BH01-2'	E409208-02A	Soil	09/20/24	09/24/24	Glass Jar, 2 oz.
BH02-0'	E409208-03A	Soil	09/20/24	09/24/24	Glass Jar, 2 oz.
BH02-1.5'	E409208-04A	Soil	09/20/24	09/24/24	Glass Jar, 2 oz.
BH03-0'	E409208-05A	Soil	09/20/24	09/24/24	Glass Jar, 2 oz.
BH03-2'	E409208-06A	Soil	09/20/24	09/24/24	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	LVP SWD #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/30/2024 3:32:15PM

BHO1-0' E409208-01

		E409208-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: CG		Batch: 2439027
Benzene	ND	0.0250	1	09/24/24	09/29/24	
Ethylbenzene	ND	0.0250	1	09/24/24	09/29/24	
Coluene	ND	0.0250	1	09/24/24	09/29/24	
p-Xylene	ND	0.0250	1	09/24/24	09/29/24	
o,m-Xylene	ND	0.0500	1	09/24/24	09/29/24	
Total Xylenes	ND	0.0250	1	09/24/24	09/29/24	
Surrogate: 4-Bromochlorobenzene-PID		93.5 %	70-130	09/24/24	09/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: CG		Batch: 2439027
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/24/24	09/29/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.5 %	70-130	09/24/24	09/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2439044
Diesel Range Organics (C10-C28)	ND	25.0	1	09/25/24	09/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/25/24	09/28/24	
Surrogate: n-Nonane		91.0 %	50-200	09/25/24	09/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2439038
Chloride	13600	200	10	09/24/24	09/25/24	



Devon Energy - Carlsbad	Project Name:	LVP SWD #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/30/2024 3:32:15PM

BH01-2'

E409208-02

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: CG		Batch: 2439027
Benzene	ND	0.0250	1	09/24/24	09/29/24	
Ethylbenzene	ND	0.0250	1	09/24/24	09/29/24	
Toluene	ND	0.0250	1	09/24/24	09/29/24	
o-Xylene	ND	0.0250	1	09/24/24	09/29/24	
p,m-Xylene	ND	0.0500	1	09/24/24	09/29/24	
Total Xylenes	ND	0.0250	1	09/24/24	09/29/24	
Surrogate: 4-Bromochlorobenzene-PID		92.9 %	70-130	09/24/24	09/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: CG		Batch: 2439027
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/24/24	09/29/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.9 %	70-130	09/24/24	09/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2439044
Diesel Range Organics (C10-C28)	ND	25.0	1	09/25/24	09/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/25/24	09/28/24	
Surrogate: n-Nonane		95.9 %	50-200	09/25/24	09/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: DT		Batch: 2439038
Chloride	1520	40.0	2	09/24/24	09/25/24	



Devon Energy - Carlsbad	Project Name:	LVP SWD #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/30/2024 3:32:15PM

BH02-0'

		E409208-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: CG		Batch: 2439027
Benzene	ND	0.0250	1	09/24/24	09/29/24	
Ethylbenzene	ND	0.0250	1	09/24/24	09/29/24	
Toluene	ND	0.0250	1	09/24/24	09/29/24	
o-Xylene	ND	0.0250	1	09/24/24	09/29/24	
p,m-Xylene	ND	0.0500	1	09/24/24	09/29/24	
Total Xylenes	ND	0.0250	1	09/24/24	09/29/24	
Surrogate: 4-Bromochlorobenzene-PID		93.8 %	70-130	09/24/24	09/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: CG		Batch: 2439027
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/24/24	09/29/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.4 %	70-130	09/24/24	09/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2439044
Diesel Range Organics (C10-C28)	ND	25.0	1	09/25/24	09/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/25/24	09/28/24	
Surrogate: n-Nonane		88.2 %	50-200	09/25/24	09/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2439038
Chloride	15700	400	20	09/24/24	09/25/24	



Devon Energy - Carlsbad	Project Name:	LVP SWD #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/30/2024 3:32:15PM

BH02-1.5'

		E409208-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: CG		Batch: 2439027
Benzene	ND	0.0250	1	09/24/24	09/29/24	
Ethylbenzene	ND	0.0250	1	09/24/24	09/29/24	
Toluene	ND	0.0250	1	09/24/24	09/29/24	
o-Xylene	ND	0.0250	1	09/24/24	09/29/24	
p,m-Xylene	ND	0.0500	1	09/24/24	09/29/24	
Total Xylenes	ND	0.0250	1	09/24/24	09/29/24	
Surrogate: 4-Bromochlorobenzene-PID		92.3 %	70-130	09/24/24	09/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: CG		Batch: 2439027
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/24/24	09/29/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.7 %	70-130	09/24/24	09/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2439044
Diesel Range Organics (C10-C28)	ND	25.0	1	09/25/24	09/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/25/24	09/28/24	
Surrogate: n-Nonane		95.5 %	50-200	09/25/24	09/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2439038
Chloride	10400	200	10	09/24/24	09/25/24	



Devon Energy - Carlsbad	Project Name:	LVP SWD #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/30/2024 3:32:15PM

BH03-0'

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		D				
Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		nalyst: CG	111111, 200	Batch: 2439027
Benzene	ND	0.0250	1	09/24/24	09/29/24	
Ethylbenzene	ND	0.0250	1	09/24/24	09/29/24	
Toluene	ND	0.0250	1	09/24/24	09/29/24	
o-Xylene	ND	0.0250	1	09/24/24	09/29/24	
p,m-Xylene	ND	0.0500	1	09/24/24	09/29/24	
Total Xylenes	ND	0.0250	1	09/24/24	09/29/24	
Surrogate: 4-Bromochlorobenzene-PID		93.4 %	70-130	09/24/24	09/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: CG		Batch: 2439027
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/24/24	09/29/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.4 %	70-130	09/24/24	09/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2439044
Diesel Range Organics (C10-C28)	90.7	25.0	1	09/25/24	09/28/24	
Oil Range Organics (C28-C36)	103	50.0	1	09/25/24	09/28/24	
Surrogate: n-Nonane		92.5 %	50-200	09/25/24	09/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: DT		Batch: 2439038
Chloride	1280	40.0	2	09/24/24	09/25/24	



Devon Energy - Carlsbad	Project Name:	LVP SWD #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/30/2024 3:32:15PM

BH03-2'

E409208-06

		Danastina				
Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: CG		Batch: 2439027
Benzene	ND	0.0250	1	09/24/24	09/29/24	
Ethylbenzene	ND	0.0250	1	09/24/24	09/29/24	
Toluene	ND	0.0250	1	09/24/24	09/29/24	
o-Xylene	ND	0.0250	1	09/24/24	09/29/24	
p,m-Xylene	ND	0.0500	1	09/24/24	09/29/24	
Total Xylenes	ND	0.0250	1	09/24/24	09/29/24	
Surrogate: 4-Bromochlorobenzene-PID		93.1 %	70-130	09/24/24	09/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: CG		Batch: 2439027
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/24/24	09/29/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.5 %	70-130	09/24/24	09/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2439044
Diesel Range Organics (C10-C28)	ND	25.0	1	09/25/24	09/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/25/24	09/28/24	
Surrogate: n-Nonane		92.3 %	50-200	09/25/24	09/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: DT		Batch: 2439038
Chloride	1740	20.0	1	09/24/24	09/25/24	



Surrogate: 4-Bromochlorobenzene-PID

Devon Energy - Carlsbad	Project Name:	LVP SWD #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	9/30/2024 3:32:15PM
Artesia NM, 88210	Project Manager:	Ashley Giovengo	

Artesia NM, 88210		Project Number: Project Manager:		shley Gioveng	o			9.	/30/2024 3:32:15PM		
		Volatile Organics by EPA 8021B					Analyst: CG				
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2439027-BLK1)							Prepared: 0	9/24/24 Ana	alyzed: 09/28/24		
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	7.14		8.00		89.2	70-130					
LCS (2439027-BS1)							Prepared: 0	9/24/24 Ana	alyzed: 09/28/24		
Benzene	5.24	0.0250	5.00		105	70-130					
Ethylbenzene	5.01	0.0250	5.00		100	70-130					
Toluene	5.13	0.0250	5.00		103	70-130					
o-Xylene	4.99	0.0250	5.00		99.8	70-130					
p,m-Xylene	10.1	0.0500	10.0		101	70-130					
Total Xylenes	15.1	0.0250	15.0		101	70-130					
Surrogate: 4-Bromochlorobenzene-PID	7.21		8.00		90.2	70-130					
LCS Dup (2439027-BSD1)							Prepared: 0	9/24/24 Ana	alyzed: 09/28/24		
Benzene	4.85	0.0250	5.00		96.9	70-130	7.75	20			
Ethylbenzene	4.66	0.0250	5.00		93.2	70-130	7.13	20			
Toluene	4.77	0.0250	5.00		95.3	70-130	7.42	20			
o-Xylene	4.65	0.0250	5.00		92.9	70-130	7.11	20			
p,m-Xylene	9.48	0.0500	10.0		94.8	70-130	6.68	20			
Total Xylenes	14.1	0.0250	15.0		94.2	70-130	6.82	20			



Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Devon Energy - Carlsbad	Project Name:	LVP SWD #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	•
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/30/2024 3:32:15PM

Artesia NM, 88210		Project Manager	r: As	shley Gioveng	50			9/30	0/2024 3:32:15PI
	Non	Nonhalogenated Organics by EPA 8015D - GRO							
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2439027-BLK1)						P	repared: 09	9/24/24 Analy	vzed: 09/28/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.83		8.00		97.9	70-130			
LCS (2439027-BS2)						P	repared: 09	9/24/24 Analy	zed: 09/28/24
Gasoline Range Organics (C6-C10)	42.6	20.0	50.0		85.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.78		8.00		97.3	70-130			
LCS Dup (2439027-BSD2)						P	repared: 09	9/24/24 Analy	zed: 09/28/24
Gasoline Range Organics (C6-C10)	41.7	20.0	50.0		83.4	70-130	2.14	20	

70-130

Devon Energy - Carlsbad	Project Name:	LVP SWD #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/30/2024 3:32:15PM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			9	0/30/2024 3:32:15PN
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2439044-BLK1)							Prepared: 0	9/25/24 An	alyzed: 09/28/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.6		50.0		95.3	50-200			
LCS (2439044-BS1)							Prepared: 0	9/25/24 An	alyzed: 09/28/24
Diesel Range Organics (C10-C28)	260	25.0	250		104	38-132			
Surrogate: n-Nonane	51.4		50.0		103	50-200			
Matrix Spike (2439044-MS1)				Source:	E409208-	01	Prepared: 0	9/25/24 An	alyzed: 09/28/24
Diesel Range Organics (C10-C28)	266	25.0	250	ND	106	38-132			
Surrogate: n-Nonane	51.5		50.0		103	50-200			
Matrix Spike Dup (2439044-MSD1)				Source:	E409208-	01	Prepared: 0	9/25/24 An	alyzed: 09/28/24
Diesel Range Organics (C10-C28)	273	25.0	250	ND	109	38-132	2.67	20	
Surrogate: n-Nonane	53.6		50.0		107	50-200			

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		VP SWD #001					Reported:
Artesia NM, 88210		Project Number: Project Manager		shley Gioveng	go				9/30/2024 3:32:15PM
		Anions	by EPA 3	00.0/9056 <i>A</i>	\				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 (2439038-BLK1)							Prepared: 0	9/24/24 A	analyzed: 09/25/24
Chloride	ND	20.0							
LCS (2439038-BS1)							Prepared: 0	9/24/24 A	analyzed: 09/25/24
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2439038-MS1)				Source:	E409202-	02	Prepared: 0	9/24/24 A	analyzed: 09/25/24
Chloride	297	20.0	250	47.1	100	80-120			
Matrix Spike Dup (2439038-MSD1)				Source:	E409202-	02	Prepared: 0	9/24/24 A	analyzed: 09/25/24
Chloride	296	20.0	250	47.1	99.4	80-120	0.574	20	

QC Summary Report Comment:

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	LVP SWD #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	09/30/24 15:32

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Client Information			Invoice Information			Lab Use Only							TAT			State			
Client: [Devon				Company: Devon		_ La	b WO	#		Job	Num	ber		1D	2D	3D S	td	NM CO UT TX
Project:	LVP SWD	H001			Address: 205 E Bene	der Road #150	F	400	120	8				FO				X	X
	Manager: As		engo		City, State, Zip: Hob														
	: 3122 Natio				Phone: (575)748-18	Now a second sec					Ana	nalysis and Method			П	EPA Program			
	te, Zip: Carls	COLUMN TO A STATE OF	A STATE OF THE RESERVE OF THE STATE OF THE S		Email: dale.wooda						T	m							SDWA CWA RCRA
	575-988-005				Miscellaneous: Dale V													1	
	giovengo@e		om		Tribociidi icodo: Buic V			10	10										1
	A						_	801	801		N.V	0		1	S			ı	PWSID#
-				Sample Inf	ormation			DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals			1	
Time	Data Camalad		No. of		Sample ID	er	Lab	No.	ND/DR	X by	by	oride	000	3 100	A 8 1				Remarks
Sampled	Date Sampled	Matrix	Containers		Sample ID	Field	Numbe	er B	GRC	BTE	V	Chlo	BGD	TCEC	RCR				
945	9/20/24	5	1	Вног-с	5		1						X						
1007	9/20/24	S	1	BH01-5	1/2		2						X						
	1 1	5					3												
1030	9/20/24		1	BH02-C			4	+			H		X						
1050	9/20/24	2	1	BH02-1	5'		4	-					X						
1137	9/20/24	S	1	BH03-	0'		5						X						
1143	9/20/24	2	1	BH03-3	3		6						X						
							-												
					m.com, agiovengo@ensc														
I, (field sam	pler), attest to the	e validity and	dauthenticity	of this sample. I am a	aware that tampering with or inter	ntionally mislabeling the sam	ole locati	ion, date	or tim	e of co	ollectio	n is co	nsider	ed frau	d and	may be	ground	s for	legal action.
	ned by: (Signatu		Date		Received by: (Signat			Time		1.									ust be received on ice the day they are
Kelliquisi	ied by: (Signatu	re)	1000000	23/24 73	Necewed by Signat	9.	120	14/	1/12	10	1								temp above 0 but less than 6 °C on
RAKONICA	ed by: (Signatu	(a)	- 1	Time	Received by: Signat	V 1	10	Time	-	_	1		subse	quent d	avs		Lah	He	e Only
60	Len		Date	23240	SO Ladren	1600 9.2	3.24	(1	73	00			Rec	eived	l on i	ce:	7		State of the state
Relinquis	ned by: (Signatu		q.	13.24 14	Received by: (Signat	Ufe) Date	3-24	O'	730	0			T1				T2		Т3
Relinquish	ned by: (Signatu	re)	Date		Received by: (Signat	ure) Date	127	Time					Δνισ	3 Ten	nn °C	L	1		
Sample Ma	trix: S - Soil, Sd - S	olid, S g - Slu	idge, A - Aque	eous, O - Other		Conta	iner Ty	/pe: g -	glass	, p -	poly/	plasti	c, ag	- aml	er gl	ass, v	- VOA		
				DELAY SECTION OF THE	ess other arrangements are ma							_	_		_			_	for the analysis of the above
Charles and the same of the sa		the second second			tory with this COC. The liability														And the state of t





envirotech Inc.

Printed: 9/24/2024 12:06:33PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	09/24/24	07:30	Work Order ID:	E409208
Phone:	(505) 382-1211	Date Logged In:	09/23/24	14:55	Logged In By:	Caitlin Mars
Email:	ashley.giovengo@wescominc.com	Due Date:	09/30/24	17:00 (4 day TAT)		
Chain of	Custody (COC)					
	e sample ID match the COC?		Yes			
	e number of samples per sampling site location man	tch the COC	Yes			
	amples dropped off by client or carrier?		Yes	Carrier: Courier		
	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes			
5. Were al	Il 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 disucssi	•	Yes		<u>Comment</u>	s/Resolution
Sample T	urn Around Time (TAT)					
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes			
Sample C	<u>Cooler</u>					
7. Was a s	ample cooler received?		Yes			
8. If yes, v	was cooler received in good condition?		Yes			
9. Was the	e sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
11. If yes,	were custody/security seals intact?		NA			
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes C			
Sample C	•	<u></u>	_			
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers'	?	Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field Lab	el					
20. Were :	— field sample labels filled out with the minimum info	ormation:				
	ample ID?		Yes			
	ate/Time Collected?		Yes			
	ollectors name?		Yes			
	reservation		NT.			
	the COC or field labels indicate the samples were pr	reserveu?	No			
	umple(s) correctly preserved? filteration required and/or requested for dissolved n	antolo?	NA Na			
	•	ictais:	No			
	se Sample Matrix	0				
	the sample have more than one phase, i.e., multipha		No			
27. If yes,	does the COC specify which phase(s) is to be analy	zed?	NA			
Subcontr	act Laboratory					
	imples required to get sent to a subcontract laborato	•	No			
29. Was a	subcontract laboratory specified by the client and it	f so who?	NA	Subcontract Lab: NA		
Client In	struction					

Date

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: LVP SWD #1

Work Order: E410116

Job Number: 01058-0007

Received: 10/13/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 10/17/24

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: 10/17/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: LVP SWD #1

Workorder: E410116

Date Received: 10/13/2024 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/13/2024 8:00:00AM, under the Project Name: LVP SWD #1.

The analytical test results summarized in this report with the Project Name: LVP SWD #1 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

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whinchman@envirotech-inc.com

Raina Schwanz

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rainaschwanz@envirotech-inc.com

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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	LVP SWD #1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	Keporteu:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/17/24 08:17

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
SS08A-3'	E410116-01A Soil	10/10/24	10/13/24	Glass Jar, 2 oz.
SS10-3'	E410116-02A Soil	10/10/24	10/13/24	Glass Jar, 2 oz.
SS10A-3'	E410116-03A Soil	10/10/24	10/13/24	Glass Jar, 2 oz.
BH01-4'	E410116-04A Soil	10/10/24	10/13/24	Glass Jar, 2 oz.
BH02-3'	E410116-05A Soil	10/10/24	10/13/24	Glass Jar, 2 oz.
BH03-4'	E410116-06A Soil	10/10/24	10/13/24	Glass Jar, 2 oz.
BH03-4.5'	E410116-07A Soil	10/10/24	10/13/24	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	LVP SWD #1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/17/2024 8:17:40AM

SS08A-3' E410116-01

		2.10110 01					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2442003
Benzene	ND	0.0250		1	10/14/24	10/15/24	
Ethylbenzene	ND	0.0250		1	10/14/24	10/15/24	
Toluene	ND	0.0250		1	10/14/24	10/15/24	
o-Xylene	ND	0.0250		1	10/14/24	10/15/24	
p,m-Xylene	ND	0.0500		1	10/14/24	10/15/24	
Total Xylenes	ND	0.0250		1	10/14/24	10/15/24	
Surrogate: Bromofluorobenzene		97.3 %	70-130		10/14/24	10/15/24	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130		10/14/24	10/15/24	
Surrogate: Toluene-d8		98.6 %	70-130		10/14/24	10/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2442003
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/14/24	10/15/24	
Surrogate: Bromofluorobenzene		97.3 %	70-130		10/14/24	10/15/24	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130		10/14/24	10/15/24	
Surrogate: Toluene-d8		98.6 %	70-130		10/14/24	10/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: NV		Batch: 2442021
Diesel Range Organics (C10-C28)	ND	25.0		1	10/14/24	10/14/24	
Oil Range Organics (C28-C36)	ND	50.0		1	10/14/24	10/14/24	
Surrogate: n-Nonane		105 %	50-200		10/14/24	10/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: DT		Batch: 2442005
Chloride	830	20.0		1	10/14/24	10/14/24	



Devon Energy - Carlsbad	Project Name:	LVP SWD #1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/17/2024 8:17:40AM

SS10-3' E410116-02

Pagult	Reporting	D:1	ution	Proporad	Analyzad	Notes
Resuit	Limit	Dii	ution	Frepared	Anaryzeu	Notes
mg/kg	mg/kg		Analyst: RKS			Batch: 2442003
ND	0.0250		1	10/14/24	10/15/24	
ND	0.0250		1	10/14/24	10/15/24	
ND	0.0250		1	10/14/24	10/15/24	
ND	0.0250		1	10/14/24	10/15/24	
ND	0.0500		1	10/14/24	10/15/24	
ND	0.0250		1	10/14/24	10/15/24	
	98.2 %	70-130		10/14/24	10/15/24	
	101 %	70-130		10/14/24	10/15/24	
	101 %	70-130		10/14/24	10/15/24	
mg/kg	mg/kg Analyst: RKS			Batch: 2442003		
ND	20.0		1	10/14/24	10/15/24	
	98.2 %	70-130		10/14/24	10/15/24	
	101 %	70-130		10/14/24	10/15/24	
	101 %	70-130		10/14/24	10/15/24	
mg/kg	mg/kg		Analyst:	NV		Batch: 2442021
ND	25.0		1	10/14/24	10/14/24	
ND	50.0		1	10/14/24	10/14/24	
	102 %	50-200		10/14/24	10/14/24	
mg/kg	mg/kg		Analyst:	DT		Batch: 2442005
321	20.0		1	10/14/24	10/14/24	
	ND Mg/kg ND Mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 98.2 % 101 % 101 % 101 % MD 20.0 98.2 % 101 % 101 % 101 % mg/kg mg/kg ND 25.0 ND 50.0 102 % mg/kg	Result Limit Dil mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 98.2 % 70-130 101 % 70-130 101 % 70-130 mg/kg mg/kg ND 20.0 98.2 % 70-130 101 % 70-130 101 % 70-130 mg/kg mg/kg ND 25.0 ND 50.0 mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg Analyst: ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 70-130 1 101 % 70-130 1 mg/kg mg/kg Analyst: ND 20.0 1 98.2 % 70-130 1 101 % 70-130 1 mg/kg mg/kg Analyst: ND 25.0 1 ND 50.0 1 102 % 50-200 mg/kg Mg/kg Analyst:	Result Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 10/14/24 ND 0.0250 1 10/14/24 ND 0.0250 1 10/14/24 ND 0.0500 1 10/14/24 ND 0.0250 1 10/14/24 ND 0.0250 1 10/14/24 ND 0.0250 1 10/14/24 101% 70-130 10/14/24 101% 70-130 10/14/24 101% 70-130 10/14/24 101% 70-130 10/14/24 101% 70-130 10/14/24 101% 70-130 10/14/24 101% 70-130 10/14/24 101% 70-130 10/14/24 101% 70-130 10/14/24 101% 70-130 10/14/24 ND 25.0 1 10/14/24 ND 50.0	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 10/14/24 10/15/24 ND 0.0500 1 10/14/24 10/15/24 ND 0.0250 1 10/14/24 10/15/24 ND 0.0250 1 10/14/24 10/15/24 101% 70-130 10/14/24 10/15/24 101% 70-130 10/14/24 10/15/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 10/14/24 10/15/24 101% 70-130 10/14/24 10/15/24 101% 70-130 10/14/24 10/15/24 101% 70-130 10/14/24 10/15/24 mg/kg mg/kg



Devon Energy - Carlsbad	Project Name:	LVP SWD #1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/17/2024 8:17:40AM

SS10A-3' E410116-03

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2442003	
Benzene	ND	0.0250		1	10/14/24	10/15/24	
Ethylbenzene	ND	0.0250		1	10/14/24	10/15/24	
Toluene	ND	0.0250		1	10/14/24	10/15/24	
o-Xylene	ND	0.0250		1	10/14/24	10/15/24	
p,m-Xylene	ND	0.0500		1	10/14/24	10/15/24	
Total Xylenes	ND	0.0250	į	1	10/14/24	10/15/24	
Surrogate: Bromofluorobenzene		95.5 %	70-130		10/14/24	10/15/24	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130		10/14/24	10/15/24	
Surrogate: Toluene-d8		101 %	70-130		10/14/24	10/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2442003	
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/14/24	10/15/24	
Surrogate: Bromofluorobenzene		95.5 %	70-130		10/14/24	10/15/24	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130		10/14/24	10/15/24	
Surrogate: Toluene-d8		101 %	70-130		10/14/24	10/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2442021
Diesel Range Organics (C10-C28)	ND	25.0		1	10/14/24	10/14/24	
Oil Range Organics (C28-C36)	ND	50.0		1	10/14/24	10/14/24	
Surrogate: n-Nonane	·	102 %	50-200		10/14/24	10/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2442005
	673	20.0			10/14/24	10/14/24	

Devon Energy - Carlsbad	Project Name:	LVP SWD #1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/17/2024 8:17:40AM

BH01-4' E410116-04

		2.170110 0.					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Anaryte	Result	Limit	Dil	ution	Frepared	Anaryzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS			Batch: 2442003
Benzene	ND	0.0250		1	10/14/24	10/15/24	
Ethylbenzene	ND	0.0250		1	10/14/24	10/15/24	
Toluene	ND	0.0250		1	10/14/24	10/15/24	
o-Xylene	ND	0.0250		1	10/14/24	10/15/24	
p,m-Xylene	ND	0.0500		1	10/14/24	10/15/24	
Total Xylenes	ND	0.0250		1	10/14/24	10/15/24	
Surrogate: Bromofluorobenzene		97.1 %	70-130		10/14/24	10/15/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		10/14/24	10/15/24	
Surrogate: Toluene-d8		102 %	70-130		10/14/24	10/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg Analyst: RKS			Batch: 2442003		
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/14/24	10/15/24	
Surrogate: Bromofluorobenzene		97.1 %	70-130		10/14/24	10/15/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		10/14/24	10/15/24	
Surrogate: Toluene-d8		102 %	70-130		10/14/24	10/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: NV		Batch: 2442021
Diesel Range Organics (C10-C28)	ND	25.0		1	10/14/24	10/14/24	
Oil Range Organics (C28-C36)	ND	50.0		1	10/14/24	10/14/24	
Surrogate: n-Nonane		94.9 %	50-200		10/14/24	10/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: DT		Batch: 2442005
Chloride	189	20.0		1	10/14/24	10/14/24	

Devon Energy - Carlsbad	Project Name:	LVP SWD #1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/17/2024 8:17:40AM

BH02-3' E410116-05

Analyte	Result	Reporting Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:			Batch: 2442003
Benzene	ND	0.0250		1	10/14/24	10/15/24	
Ethylbenzene	ND	0.0250		1	10/14/24	10/15/24	
Toluene	ND	0.0250		1	10/14/24	10/15/24	
o-Xylene	ND	0.0250		1	10/14/24	10/15/24	
p,m-Xylene	ND	0.0500		1	10/14/24	10/15/24	
Total Xylenes	ND	0.0250		1	10/14/24	10/15/24	
Surrogate: Bromofluorobenzene		98.0 %	70-130		10/14/24	10/15/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		10/14/24	10/15/24	
Surrogate: Toluene-d8		100 %	70-130		10/14/24	10/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS			Batch: 2442003
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/14/24	10/15/24	
Surrogate: Bromofluorobenzene		98.0 %	70-130		10/14/24	10/15/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		10/14/24	10/15/24	
Surrogate: Toluene-d8		100 %	70-130		10/14/24	10/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: NV		Batch: 2442021
Diesel Range Organics (C10-C28)	ND	25.0		1	10/14/24	10/14/24	
Oil Range Organics (C28-C36)	ND	50.0		1	10/14/24	10/14/24	
Surrogate: n-Nonane		109 %	50-200		10/14/24	10/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: DT		Batch: 2442005
Chloride	1200	20.0		1	10/14/24	10/14/24	



Devon Energy - Carlsbad	Project Name:	LVP SWD #1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/17/2024 8:17:40AM

BH03-4' E410116-06

Analyte	Result	Reporting Limit	Dilu	ıtion	Prepared	Analyzed	Notes
,				Analyst:	•	7 mary 2ca	Batch: 2442003
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Anaryst:			Batch: 2442003
Benzene	ND	0.0250	1	l	10/14/24	10/15/24	
Ethylbenzene	ND	0.0250	1	l	10/14/24	10/15/24	
Toluene	ND	0.0250	1	l	10/14/24	10/15/24	
o-Xylene	ND	0.0250	1	l	10/14/24	10/15/24	
p,m-Xylene	ND	0.0500	1	l	10/14/24	10/15/24	
Total Xylenes	ND	0.0250	1	1	10/14/24	10/15/24	
Surrogate: Bromofluorobenzene		95.0 %	70-130		10/14/24	10/15/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		10/14/24	10/15/24	
Surrogate: Toluene-d8		101 %	70-130		10/14/24	10/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2442003
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	10/14/24	10/15/24	
Surrogate: Bromofluorobenzene		95.0 %	70-130		10/14/24	10/15/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		10/14/24	10/15/24	
Surrogate: Toluene-d8		101 %	70-130		10/14/24	10/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2442021
Diesel Range Organics (C10-C28)	ND	25.0	1	1	10/14/24	10/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	10/14/24	10/14/24	
Surrogate: n-Nonane		96.1 %	50-200		10/14/24	10/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2442005
Chloride	336	20.0	1	1	10/14/24	10/14/24	



Devon Energy - Carlsbad	Project Name:	LVP SWD #1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/17/2024 8:17:40AM

BH03-4.5' E410116-07

		E410110-07					
Analyte	Result	Reporting Limit	Dilu	ution	Prepared	Analyzed	Notes
Timery	Result					7 mary 2cd	110163
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2442003
Benzene	ND	0.0250	1	l	10/14/24	10/15/24	
Ethylbenzene	ND	0.0250	1	l	10/14/24	10/15/24	
Toluene	ND	0.0250	1	l	10/14/24	10/15/24	
o-Xylene	ND	0.0250	1	l	10/14/24	10/15/24	
p,m-Xylene	ND	0.0500	1	l	10/14/24	10/15/24	
Total Xylenes	ND	0.0250	1	1	10/14/24	10/15/24	
Surrogate: Bromofluorobenzene		96.0 %	70-130		10/14/24	10/15/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		10/14/24	10/15/24	
Surrogate: Toluene-d8		102 %	70-130		10/14/24	10/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2442003
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	10/14/24	10/15/24	
Surrogate: Bromofluorobenzene		96.0 %	70-130		10/14/24	10/15/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		10/14/24	10/15/24	
Surrogate: Toluene-d8		102 %	70-130		10/14/24	10/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2442021
Diesel Range Organics (C10-C28)	ND	25.0	1		10/14/24	10/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	<u> </u>	10/14/24	10/14/24	
Surrogate: n-Nonane		91.7 %	50-200		10/14/24	10/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2442005
Chloride	226	20.0	1	1	10/14/24	10/14/24	



QC Summary Data

Devon Energy - CarlsbadProject Name:LVP SWD #1Reported:6488 7 Rivers HwyProject Number:01058-0007Artesia NM, 88210Project Manager:Ashley Giovengo10/17/2024 8:17:40AM

Artesia NM, 88210		Project Manager	:: As	shley Gioveng	go			10/1	7/2024 8:17:40Al
	V	olatile Organi	ic Compo	unds by EI	PA 82601	В		Α	nalyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2442003-BLK1)							Prepared: 10	0/14/24 Analy	zed: 10/15/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.487		0.500		97.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		97.0	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			
	0.510						D 1.14	0/14/04 A 1	1 10/15/24
LCS (2442003-BS1)							Prepared: 10	J/14/24 Anaiy	zed: 10/15/24
Benzene	2.26	0.0250	2.50		90.3	70-130			
Ethylbenzene	2.46	0.0250	2.50		98.2	70-130			
Toluene	2.34	0.0250	2.50		93.6	70-130			
o-Xylene	2.45	0.0250	2.50		98.0	70-130			
p,m-Xylene	4.91	0.0500	5.00		98.3 98.2	70-130			
Fotal Xylenes	7.36	0.0250	7.50			70-130			
Surrogate: Bromofluorobenzene	0.479		0.500		95.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.510		0.500		102	70-130			
Surrogate: Toluene-d8	0.504		0.500		101	70-130			
Matrix Spike (2442003-MS1)				Source:	E410117-	02	Prepared: 10	0/14/24 Analy	zed: 10/15/24
Benzene	2.33	0.0250	2.50	ND	93.3	48-131			
Ethylbenzene	2.50	0.0250	2.50	ND	100	45-135			
Toluene	2.41	0.0250	2.50	ND	96.2	48-130			
o-Xylene	2.53	0.0250	2.50	ND	101	43-135			
o,m-Xylene	5.06	0.0500	5.00	ND	101	43-135			
Fotal Xylenes	7.58	0.0250	7.50	ND	101	43-135			
Surrogate: Bromofluorobenzene	0.486		0.500		97.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		99.9	70-130			
Surrogate: Toluene-d8	0.501		0.500		100	70-130			
Matrix Spike Dup (2442003-MSD1)				Source:	E410117-0	02	Prepared: 10	0/14/24 Analy	zed: 10/15/24
Benzene	2.33	0.0250	2.50	ND	93.3	48-131	0.0214	23	
Ethylbenzene	2.55	0.0250	2.50	ND	102	45-135	1.84	27	
Toluene	2.43	0.0250	2.50	ND	97.1	48-130	0.890	24	
o-Xylene	2.51	0.0250	2.50	ND	100	43-135	0.655	27	
p,m-Xylene	5.08	0.0500	5.00	ND	102	43-135	0.503	27	
Total Xylenes	7.59	0.0250	7.50	ND	101	43-135	0.119	27	
Surrogate: Bromofluorobenzene	0.486		0.500		97.2	70-130			

0.500

0.500

95.5

103

70-130

70-130

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

0.478

0.513

Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4

0.473

0.507

QC Summary Data

LVP SWD #1 Devon Energy - Carlsbad Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007

Artesia NM, 88210		Project Number: Project Manager		058-0007 shley Gioveng	10			1	0/17/2024 8:17:40A
1 Heesta 1414, 00210		, e			,				
	Non		Analyst: RKS						
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2442003-BLK1)							Prepared: 1	0/14/24 Ar	nalyzed: 10/15/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.487		0.500		97.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		97.0	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			
LCS (2442003-BS2)							Prepared: 1	0/14/24 Ar	nalyzed: 10/15/24
Gasoline Range Organics (C6-C10)	53.8	20.0	50.0		108	70-130			
Surrogate: Bromofluorobenzene	0.500		0.500		99.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.512		0.500		102	70-130			
Surrogate: Toluene-d8	0.520		0.500		104	70-130			
Matrix Spike (2442003-MS2)				Source:	E410117-0	02	Prepared: 1	0/14/24 Ar	nalyzed: 10/15/24
Gasoline Range Organics (C6-C10)	55.2	20.0	50.0	ND	110	70-130			
Surrogate: Bromofluorobenzene	0.499		0.500		99.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.508		0.500		102	70-130			
Surrogate: Toluene-d8	0.511		0.500		102	70-130			
Matrix Spike Dup (2442003-MSD2)				Source:	E410117-0	02	Prepared: 1	0/14/24 Ar	nalyzed: 10/15/24
Gasoline Range Organics (C6-C10)	54.0	20.0	50.0	ND	108	70-130	2.30	20	
Surrogate: Bromofluorobenzene	0.505		0.500		101	70-130			

0.500

0.500

70-130

70-130

94.5

101



QC Summary Data

Devon Energy - Carlsbad	Project Name:	LVP SWD #1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	•
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/17/2024 8:17:40AM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			10	/17/2024 8:17:40A
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2442021-BLK1)							Prepared: 1	0/14/24 Ana	llyzed: 10/14/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.0		50.0		94.0	50-200			
LCS (2442021-BS1)							Prepared: 1	0/14/24 Ana	lyzed: 10/14/24
Diesel Range Organics (C10-C28)	252	25.0	250		101	38-132			
Surrogate: n-Nonane	49.3		50.0		98.6	50-200			
Matrix Spike (2442021-MS1)				Source:	E410116-0)1	Prepared: 1	0/14/24 Ana	lyzed: 10/14/24
Diesel Range Organics (C10-C28)	275	25.0	250	ND	110	38-132			
Surrogate: n-Nonane	51.0		50.0		102	50-200			
Matrix Spike Dup (2442021-MSD1)				Source:	E410116-0)1	Prepared: 10	0/14/24 Ana	alyzed: 10/14/24
Diesel Range Organics (C10-C28)	273	25.0	250	ND	109	38-132	0.583	20	
Surrogate: n-Nonane	51.7		50.0		103	50-200			

Matrix Spike (2442005-MS1)

Matrix Spike Dup (2442005-MSD1)

Chloride

Chloride

679

682

Prepared: 10/14/24 Analyzed: 10/14/24

Prepared: 10/14/24 Analyzed: 10/14/24

20

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number		VP SWD #1 1058-0007					Reported:
Artesia NM, 88210		Project Manager		shley Gioveng	go			1	0/17/2024 8:17:40AM
		Anions	by EPA 3	300.0/9056 <i>A</i>	4				Analyst: DT
Analyte	Result	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2442005-BLK1)					70	70			nalyzed: 10/14/24
Chloride	ND	20.0							
LCS (2442005-BS1)							Prepared: 1	0/14/24 Aı	nalyzed: 10/14/24
Chloride	260	20.0	250		104	90-110			

250

250

200

200

Source: E410115-05

Source: E410115-05

103

104

80-120

80-120

0.376

422

422

QC Summary Report Comment:

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



Definitions and Notes

ſ	Devon Energy - Carlsbad	Project Name:	LVP SWD #1	
1	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
١	Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/17/24 08:17

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Chain of Custod	y
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Released to Imaging: 11/1/2024 3:11:48 PM

						Chain o	of Cu	stody	1										Page
	Clier	nt Inform	nation			Invoice Information			1		La	b Us	e On					TAT	State
Client: D					Co	mpany: Devon			Lab V	WO#			1 doL	<u>-</u>	oer		1D	2D 3D Std	J
	LVP SWD #1					dress: 205 E Bender Road #1	50		EΣ	410) IK		010			וה		X	x
Project N	1anager: Asl	hley Giov	engo_		Cit	y, State, Zip: Hobbs NM, 882	40												
Address:	3122 Nation	nal Parks	Hwy		Pho	one: (575)748-1838							Ana	ysis	and 1	Met	hod		EPA Program
	Linuit dulativodatile criticali												SDWA CWA RCRA						
	<u> 75-988-005</u>		Miscellaneous: Dale Woodall																
Email: ag	giovengo@e	<u>nsolum.c</u>	:om				_		J	8	015								Compliance Y or N
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Time Sampled	Date Sampled	Matrix	No. of Container	rs		Sample ID	Field	Nun Pa	mber	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals		
	10.11	Ś] ,		(-			-11		1					X				mostly Ruck
1005	10/10/24		 ' '		<u> 5508</u>	8A-3'		- -		\vdash				_					Must Pulverice
1415	10/10/24	5	1		SS10.	- 3 ¹		2)			1			χ				
								3							Ţ				mostly Rock
1447	10110124	ζ_	1		SS 10 A.	- 3 '			_						X				Must Adverse Mostly Rock
		,	l ,					14	1 :	1					X				
1312	10/10/24	١.	₩		BHOI	-4'	$-\!$				<u> </u>				Δ				Must Pulverize
1120	10/10/24	ς	\		B1401	2 ~ Z !		15)						χ				
								U	Λ										Mostly Rock
1609	10/10/24	S			BH03	41		<u> </u>	<u>v</u>						X				Must Pulverice
	10/10/24		١,			. / 1	- 1	17	1						\ \ \				Mostly Rock
(6 <u>8</u> 0)		 	+ '		13403	3-4.51	-+	 -		-	_				\sim				Most Palverier
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bdeal@e	ensolum.com	n, bsimm	ons@e	nsolum.con	n, jgonzales@	ensolum.com, oaderinto@e	nsolu	m.com	<u> </u>										
			d authentic	city of this samp	ole. I am aware tha	t tampering with or intentionally mislabe	4				or time	e of co	lection	is con	sidere	d frau	d and	may be grounds fo	or legal action.
Sampled by:	Chad Hamiled by: (Signatur	ton	- Da	ıte	Time	Received by (Signature)) In-	ete .		Time		1			Samole	s requi	iring the	ermal preservation r	nust be received on ice the day they are
neiiiquish	eu by: (Signatu			0/11/24	1,,,,,,,	meceived by (Signature)	6	T0.11	1.74	7	143	7			sample	d or re	ceived		ivg temp above 0 but less than 6 °C on
Relinauish	ed by: (Signatu	reV		1te	Time	Regelyed by: (Signature)	Da	ate 70·) / ate	<u> </u>	Time		_			subsen	uent d	276	Lab L	Jse Only
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. U.Su	,•		1	0-11-Zu	2400	Reserved by: (Signature)	//	0/4.	<u>24</u>	\ <u>\</u> \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	(a))			<u>T1</u>			<u>T2</u>	<u>T3</u>
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							1								AVG				
	rix: S - Soil, Sd - S																	ass, v ^L VOA	
						arrangements are made. Hazardous this COC. The liability of the laborat										cuer	т ехр	ense. The repor	t for the analysis of the above



enviroteclistics of the above

envirotech Inc.

Printed: 10/14/2024 10:00:49AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	10/13/24	08:00		Work Order ID:	E410116
Phone: Email:	(505) 382-1211 ashley.giovengo@wescominc.com	Date Logged In: Due Date:	10/11/24	14:37 17:00 (4 day TAT)		Logged In By:	Caitlin Mars
Ellian.	asincy.giovengo@wesconnic.com	Due Date.	10/16/24	17.00 (4 day 1A1)			
Chain of	Custody (COC)						
	e sample ID match the COC?		Yes				
	e number of samples per sampling site location ma	tch the COC	Yes				
	imples dropped off by client or carrier?		Yes	Carrier: C	ourier		
4. Was the	c COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes	eumer. <u>e</u>	<u>ourier</u>		
	l samples received within holding time?	,	Yes				
	Note: Analysis, such as pH which should be conducted it					Commont	a/Dagalutian
	i.e, 15 minute hold time, are not included in this disucssi	on.		г		Comment	s/Resolution
	urn Around Time (TAT)		••				
	COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C			***				
	ample cooler received?		Yes				
•	was cooler received in good condition?		Yes				
	e sample(s) received intact, i.e., not broken?		Yes				
	custody/security seals present?		No				
11. If yes,	were custody/security seals intact?		NA				
12. Was the	e sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples ar minutes of sampling		Yes				
13. If no v	risible ice, record the temperature. Actual sample	temperature: 4°0	<u>C</u>				
Sample C	ontainer_						
14. Are ac	queous VOC samples present?		No				
15. Are V	OC 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 no	on-VOC samples collected in the correct containers	?	Yes				
19. Is the a	ppropriate volume/weight or number of sample contai	ners collected?	Yes				
Field Lab	<u>el</u>						
	field sample labels filled out with the minimum info	ormation:					
	imple ID?		Yes				
	ate/Time Collected?		Yes	•			
	ollectors name?		Yes				
	reservation the COC or field labels indicate the samples were p	recerved?	No				
	mple(s) correctly preserved?	reserveu:					
	filteration required and/or requested for dissolved r.	netals?	NA No				
	•	nctais:	NO				
	se Sample Matrix	0					
	the sample have more than one phase, i.e., multipha		No				
27. If yes,	does the COC specify which phase(s) is to be anal	yzea?	NA				
Subcontr	act Laboratory						
	mples required to get sent to a subcontract laborate	-	No				
29. Was a	subcontract laboratory specified by the client and i	f so who?	NA	Subcontract Lab	: NA		
Client In	struction						
Samples	s 1,3,4,6 & 7- Mostly rock must pulverize Per	client					
Campio	7 1,0,4,0 & 7 Wildsty Took Must pulvenze. Tel	Olione.					

Date

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: LVP SWD #001

Work Order: E410117

Job Number: 01058-0007

Received: 10/14/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 10/17/24

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: 10/17/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: LVP SWD #001

Workorder: E410117

Date Received: 10/14/2024 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/14/2024 8:00:00AM, under the Project Name: LVP SWD #001.

The analytical test results summarized in this report with the Project Name: LVP SWD #001 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

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe

Laboratory Technical Representative Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	LVP SWD #001	Donouted.
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/17/24 08:19

Client Sample ID	Lab Sample ID Matri	x Sampled	Received	Container
SS08A-2'	E410117-01A Soil	10/10/24	10/14/24	Glass Jar, 2 oz.
SS10A-2'	E410117-02A Soil	10/10/24	10/14/24	Glass Jar, 2 oz.
SS10-2'	E410117-03A Soil	10/10/24	10/14/24	Glass Jar, 2 oz.
BH01-3'	E410117-04A Soil	10/10/24	10/14/24	Glass Jar, 2 oz.
BH02-2'	E410117-05A Soil	10/10/24	10/14/24	Glass Jar, 2 oz.
BH03-3'	E410117-06A Soil	10/10/24	10/14/24	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	LVP SWD #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/17/2024 8:19:50AM

SS08A-2' E410117-01

		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2442003
Benzene	ND	0.0250	1	1	10/14/24	10/15/24	
Ethylbenzene	ND	0.0250	1	1	10/14/24	10/15/24	
Toluene	ND	0.0250	1	1	10/14/24	10/15/24	
o-Xylene	ND	0.0250	1	1	10/14/24	10/15/24	
p,m-Xylene	ND	0.0500	1	1	10/14/24	10/15/24	
Total Xylenes	ND	0.0250	1	1	10/14/24	10/15/24	
Surrogate: Bromofluorobenzene		97.5 %	70-130		10/14/24	10/15/24	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130		10/14/24	10/15/24	
Surrogate: Toluene-d8		100 %	70-130		10/14/24	10/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	_	Analyst: RKS			Batch: 2442003
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	10/14/24	10/15/24	
Surrogate: Bromofluorobenzene		97.5 %	70-130		10/14/24	10/15/24	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130		10/14/24	10/15/24	
Surrogate: Toluene-d8		100 %	70-130		10/14/24	10/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2442021
Diesel Range Organics (C10-C28)	ND	25.0	1	1	10/14/24	10/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	10/14/24	10/15/24	
Surrogate: n-Nonane		99.1 %	50-200		10/14/24	10/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2442005



Devon Energy - Carlsbad	Project Name:	LVP SWD #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/17/2024 8:19:50AM

SS10A-2' E410117-02

		E410117-02					
Analyte	Result	Reporting Limit		ıtion	Prepared	Analyzed	Notes
Thayte					•	rmaryzea	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:			Batch: 2442003
Benzene	ND	0.0250	1	1	10/14/24	10/15/24	
Ethylbenzene	ND	0.0250	1	1	10/14/24	10/15/24	
Toluene	ND	0.0250	1	1	10/14/24	10/15/24	
o-Xylene	ND	0.0250	1	1	10/14/24	10/15/24	
p,m-Xylene	ND	0.0500	1	1	10/14/24	10/15/24	
Total Xylenes	ND	0.0250	1	1	10/14/24	10/15/24	
Surrogate: Bromofluorobenzene		97.9 %	70-130		10/14/24	10/15/24	
Surrogate: 1,2-Dichloroethane-d4		99.7 %	70-130		10/14/24	10/15/24	
Surrogate: Toluene-d8		101 %	70-130		10/14/24	10/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2442003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	10/14/24	10/15/24	
Surrogate: Bromofluorobenzene		97.9 %	70-130		10/14/24	10/15/24	
Surrogate: 1,2-Dichloroethane-d4		99.7 %	70-130		10/14/24	10/15/24	
Surrogate: Toluene-d8		101 %	70-130		10/14/24	10/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2442021
Diesel Range Organics (C10-C28)	ND	25.0	1	1	10/14/24	10/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	10/14/24	10/15/24	
Surrogate: n-Nonane		89.5 %	50-200		10/14/24	10/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2442005
Chloride	319	20.0	1	1	10/14/24	10/14/24	



Devon Energy - Carlsbad	Project Name:	LVP SWD #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/17/2024 8:19:50AM

SS10-2' E410117-03

	2.10117 00					
Result			ıtion	Prepared	Analyzed	Notes
				-		Batch: 2442003
					10/15/24	Daten. 2442003
		1	1			
		1	1			
		1	1			
		1	1			
		1	1			
ND	0.0250	I	l	10/14/24	10/15/24	
	100 %	70-130		10/14/24	10/15/24	
	102 %	70-130		10/14/24	10/15/24	
	101 %	70-130		10/14/24	10/15/24	
mg/kg mg/kg		Analyst: RKS			Batch: 2442003	
ND	20.0	1	1	10/14/24	10/15/24	
	100 %	70-130		10/14/24	10/15/24	
	102 %	70-130		10/14/24	10/15/24	
	101 %	70-130		10/14/24	10/15/24	
mg/kg	mg/kg		Analyst:	NV		Batch: 2442021
ND	25.0	1	1	10/14/24	10/15/24	
ND	50.0	1	1	10/14/24	10/15/24	
	98.2 %	50-200		10/14/24	10/15/24	
	90.2 /0	30 200				
mg/kg	98.2 /6 mg/kg		Analyst:	DT		Batch: 2442005
	ND mg/kg ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 IOO % 102 % 101 % mg/kg ND 20.0 100 % 102 % 101 % 101 % mg/kg mg/kg ND 25.0 ND 50.0	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ID 70-130 102 % 70-130 101 % 70-130 mg/kg mg/kg ND 20.0 100 % 70-130 101 % 70-130 mg/kg mg/kg ND 25.0 ND 50.0	Result Limit Dilution mg/kg mg/kg Analyst: ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 100 % 70-130 101 % 70-130 mg/kg mg/kg Analyst: ND 20.0 1 100 % 70-130 1 102 % 70-130 1 mg/kg mg/kg Analyst: ND 25.0 1 ND 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 10/14/24 ND 0.0250 1 10/14/24 ND 0.0250 1 10/14/24 ND 0.0500 1 10/14/24 ND 0.0250 1 10/14/24 ND 0.0250 1 10/14/24 100% 70-130 10/14/24 102% 70-130 10/14/24 101% 70-130 10/14/24 100% 70-130 10/14/24 102% 70-130 10/14/24 102% 70-130 10/14/24 101% 70-130 10/14/24 101% 70-130 10/14/24 101% 70-130 10/14/24 101% 70-130 10/14/24 101% 70-130 10/14/24 ND 25.0 1 10/14/24 ND 50.0 1	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 10/14/24 10/15/24 ND 0.0500 1 10/14/24 10/15/24 ND 0.0250 1 10/14/24 10/15/24 ND 0.0250 1 10/14/24 10/15/24 100 % 70-130 10/14/24 10/15/24 101 % 70-130 10/14/24 10/15/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 10/14/24 10/15/24 100 % 70-130 10/14/24 10/15/24 100 % 70-130 10/14/24 10/15/24 101 % 70-130 10/14/24 10/15/24 mg/kg mg/kg<



Devon Energy - Carlsbad	Project Name:	LVP SWD #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/17/2024 8:19:50AM

BH01-3' E410117-04

		Reporting				
Analyte	Result	Limit	Dilut	tion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2442003
Benzene	ND	0.0250	1	10/14/24	10/15/24	
Ethylbenzene	ND	0.0250	1	10/14/24	10/15/24	
Toluene	ND	0.0250	1	10/14/24	10/15/24	
o-Xylene	ND	0.0250	1	10/14/24	10/15/24	
p,m-Xylene	ND	0.0500	1	10/14/24	10/15/24	
Total Xylenes	ND	0.0250	1	10/14/24	10/15/24	
Surrogate: Bromofluorobenzene		97.3 %	70-130	10/14/24	10/15/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	10/14/24	10/15/24	
Surrogate: Toluene-d8		103 %	70-130	10/14/24	10/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: RKS		Batch: 2442003
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/24	10/15/24	
Surrogate: Bromofluorobenzene		97.3 %	70-130	10/14/24	10/15/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	10/14/24	10/15/24	
Surrogate: Toluene-d8		103 %	70-130	10/14/24	10/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2442021
Diesel Range Organics (C10-C28)	ND	25.0	1	10/14/24	10/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/14/24	10/15/24	
Surrogate: n-Nonane		91.2 %	50-200	10/14/24	10/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT		Batch: 2442005
Chloride	409	20.0	1	10/14/24	10/14/24	

Devon Energy - Carlsbad	Project Name:	LVP SWD #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/17/2024 8:19:50AM

BH02-2' E410117-05

		L-10117-05				
Analyte	Result	Reporting Limit	Dilut	tion Prepa	red Analyzed	Notes
,				1	Tillary Zeu	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	F	Analyst: RKS		Batch: 2442003
Benzene	ND	0.0250	1	10/14		
Ethylbenzene	ND	0.0250	1	10/14	/24 10/15/24	
Toluene	ND	0.0250	1	10/14	/24 10/15/24	
o-Xylene	ND	0.0250	1	10/14	/24 10/15/24	
p,m-Xylene	ND	0.0500	1	10/14	/24 10/15/24	
Total Xylenes	ND	0.0250	1	10/14	/24 10/15/24	
Surrogate: Bromofluorobenzene		96.8 %	70-130	10/14	//24 10/15/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	10/14	10/15/24	
Surrogate: Toluene-d8		102 %	70-130	10/14	/24 10/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2442003
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14	/24 10/15/24	
Surrogate: Bromofluorobenzene		96.8 %	70-130	10/14	//24 10/15/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	10/14	//24 10/15/24	
Surrogate: Toluene-d8		102 %	70-130	10/14	//24 10/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2442021
Diesel Range Organics (C10-C28)	ND	25.0	1	10/14	/24 10/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/14	/24 10/15/24	
Surrogate: n-Nonane		95.1 %	50-200	10/14	/24 10/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT		Batch: 2442005
Chloride	1330	20.0	1	10/14	/24 10/14/24	



Devon Energy - Carlsbad	Project Name:	LVP SWD #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/17/2024 8:19:50AM

BH03-3' E410117-06

		E410117-00					
Analyte	Result	Reporting Limit		ıtion	Prepared	Analyzed	Notes
maye	Kesun		Dill	411011	Терагеи	Anaryzou	noics
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2442003
Benzene	ND	0.0250		1	10/14/24	10/15/24	
Ethylbenzene	ND	0.0250		1	10/14/24	10/15/24	
Toluene	ND	0.0250		1	10/14/24	10/15/24	
o-Xylene	ND	0.0250		1	10/14/24	10/15/24	
p,m-Xylene	ND	0.0500		1	10/14/24	10/15/24	
Total Xylenes	ND	0.0250		1	10/14/24	10/15/24	
Surrogate: Bromofluorobenzene		97.0 %	70-130		10/14/24	10/15/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		10/14/24	10/15/24	
Surrogate: Toluene-d8		100 %	70-130		10/14/24	10/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2442003
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/14/24	10/15/24	
Surrogate: Bromofluorobenzene		97.0 %	70-130		10/14/24	10/15/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		10/14/24	10/15/24	
Surrogate: Toluene-d8		100 %	70-130		10/14/24	10/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: NV		Batch: 2442021
Diesel Range Organics (C10-C28)	ND	25.0		1	10/14/24	10/15/24	
Oil Range Organics (C28-C36)	ND	50.0		1	10/14/24	10/15/24	
Surrogate: n-Nonane		88.5 %	50-200		10/14/24	10/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: DT		Batch: 2442005
Chloride	871	20.0		1	10/14/24	10/14/24	



QC Summary Data

Devon Energy - Carlsbad Project Name: LVP SWD #001 Reported:

6488 7 Rivers Hwy Project Number: 01058-0007

Artesia NM, 88210 Project Manager: Ashley Giovengo 10/17/2024 8:19:50AM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	90			10/1	7/2024 8:19:50Al
	V	olatile Organ	ic Compou	unds by EP	PA 82601	В		A	analyst: RKS
Analyte		Reporting	Spike	Source		Rec		RPD	
•	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2442003-BLK1)							Prepared: 10	0/14/24 Analy	zed: 10/15/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.487		0.500		97.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		97.0	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			
LCS (2442003-BS1)							Prepared: 10	0/14/24 Analy	zed: 10/15/24
Benzene	2.26	0.0250	2.50		90.3	70-130			
Ethylbenzene	2.46	0.0250	2.50		98.2	70-130			
Foluene	2.34	0.0250	2.50		93.6	70-130			
o-Xylene	2.45	0.0250	2.50		98.0	70-130			
o,m-Xylene	4.91	0.0500	5.00		98.3	70-130			
Fotal Xylenes	7.36	0.0250	7.50		98.2	70-130			
Surrogate: Bromofluorobenzene	0.479		0.500		95.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.510		0.500		102	70-130			
Surrogate: Toluene-d8	0.504		0.500		101	70-130			
Matrix Spike (2442003-MS1)				Source:	E410117-0	02	Prepared: 10	0/14/24 Analy	zed: 10/15/24
Benzene	2.33	0.0250	2.50	ND	93.3	48-131			
Ethylbenzene	2.50	0.0250	2.50	ND	100	45-135			
Toluene	2.41	0.0250	2.50	ND	96.2	48-130			
o-Xylene	2.53	0.0250	2.50	ND	101	43-135			
o,m-Xylene	5.06	0.0500	5.00	ND	101	43-135			
Total Xylenes	7.58	0.0250	7.50	ND	101	43-135			
Gurrogate: Bromofluorobenzene	0.486		0.500		97.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		99.9	70-130			
Surrogate: Toluene-d8	0.501		0.500		100	70-130			
Matrix Spike Dup (2442003-MSD1)				Source:	E410117-0	02	Prepared: 10	0/14/24 Analy	zed: 10/15/24
Benzene	2.33	0.0250	2.50	ND	93.3	48-131	0.0214	23	
Ethylbenzene	2.55	0.0250	2.50	ND	102	45-135	1.84	27	
Toluene	2.43	0.0250	2.50	ND	97.1	48-130	0.890	24	
-Xylene	2.51	0.0250	2.50	ND	100	43-135	0.655	27	
o,m-Xylene	5.08	0.0500	5.00	ND	102	43-135	0.503	27	
Total Xylenes	7.59	0.0250	7.50	ND	101	43-135	0.119	27	
Surrogate: Bromofluorobenzene	0.486		0.500		97.2	70-130			
a 12 D. II I II	0.470		0.500		05.5	70 120			

0.500

0.500

95.5

103

70-130

70-130

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

0.478

0.513

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

QC Summary Data

Devon Energy - CarlsbadProject Name:LVP SWD #001Reported:6488 7 Rivers HwyProject Number:01058-0007Artesia NM, 88210Project Manager:Ashley Giovengo10/17/20248:19:50AM

	A	Analyst: RKS							
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2442003-BLK1)]	Prepared: 1	0/14/24 Analy	yzed: 10/15/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.487		0.500		97.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		97.0	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			
LCS (2442003-BS2)]	Prepared: 1	0/14/24 Analy	yzed: 10/15/24
Gasoline Range Organics (C6-C10)	53.8	20.0	50.0		108	70-130			
Surrogate: Bromofluorobenzene	0.500		0.500		99.9	70-130			

Matrix Spike (2442003-MS2)				Source:	E410117-0	02	Prepared: 10/14/24 Analyzed: 10/15/24
Gasoline Range Organics (C6-C10)	55.2	20.0	50.0	ND	110	70-130	
Surrogate: Bromofluorobenzene	0.499		0.500		99.7	70-130	
Surrogate: 1,2-Dichloroethane-d4	0.508		0.500		102	70-130	
Summanta, Taluana 40	0.511		0.500		102	70-130	

0.500

0.500

0.512

0.520

102

104

70-130

70-130

0.511		0.500		102			
			Source:	E410117-0)2	Prepared: 10	0/14/24 Analyzed: 10/15/24
54.0	20.0	50.0	ND	108	70-130	2.30	20
0.505		0.500		101	70-130		
0.473		0.500		94.5	70-130		
0.507		0.500		101	70-130		
	54.0 0.505 0.473	54.0 20.0 0.505 0.473	54.0 20.0 50.0 0.505 0.500 0.473 0.500	54.0 20.0 50.0 ND 0.505 0.500 0.473 0.500	54.0 20.0 50.0 ND 108 0.505 0.500 101 0.473 0.500 94.5	Source: E410117-02 54.0 20.0 50.0 ND 108 70-130 0.505 0.500 101 70-130 0.473 0.500 94.5 70-130	Source: E410117-02 Prepared: 10 54.0 20.0 50.0 ND 108 70-130 2.30 0.505 0.500 101 70-130 0.473 0.500 94.5 70-130

QC Summary Data

Devon Energy - Carlsbad	Project Name:	LVP SWD #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/17/2024 8:19:50AM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			10	0/17/2024 8:19:50A
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2442021-BLK1)							Prepared: 1	0/14/24 Ana	alyzed: 10/14/24
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.0		50.0		94.0	50-200			
LCS (2442021-BS1)							Prepared: 1	0/14/24 Ana	alyzed: 10/14/24
Diesel Range Organics (C10-C28)	252	25.0	250		101	38-132			
Surrogate: n-Nonane	49.3		50.0		98.6	50-200			
Matrix Spike (2442021-MS1)				Source:	E410116-0)1	Prepared: 1	0/14/24 Ana	alyzed: 10/14/24
Diesel Range Organics (C10-C28)	275	25.0	250	ND	110	38-132			
Surrogate: n-Nonane	51.0		50.0		102	50-200			
Matrix Spike Dup (2442021-MSD1)				Source:	E410116-0)1	Prepared: 1	0/14/24 Ana	alyzed: 10/14/24
Diesel Range Organics (C10-C28)	273	25.0	250	ND	109	38-132	0.583	20	
Gurrogate: n-Nonane	51.7		50.0		103	50-200			



Chloride

QC Summary Data

Devon Energy - Carlsbad		Project Name:		P SWD #001 058-0007					Reported:
6488 7 Rivers Hwy Artesia NM, 88210		Project Number: Project Manager:		u38-uuu7 shley Gioveng	go			1	0/17/2024 8:19:50AM
		Anions	by EPA 3	00.0/9056	1				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 (2442005-BLK1)							Prepared: 1	0/14/24 Aı	nalyzed: 10/14/24
Chloride	ND	20.0							
LCS (2442005-BS1)							Prepared: 1	0/14/24 Aı	nalyzed: 10/14/24
Chloride	260	20.0	250		104	90-110			
Matrix Spike (2442005-MS1)				Source:	E410115-0)5	Prepared: 1	0/14/24 Aı	nalyzed: 10/14/24
Chloride	679	200	250	422	103	80-120			
Matrix Spike Dup (2442005-MSD1)				Source:	E410115-0)5	Prepared: 1	0/14/24 A ₁	nalvzed: 10/14/24

250

200

80-120

QC Summary Report Comment:

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	LVP SWD #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/17/24 08:19

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



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RCRA		10
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or N		2
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Client Information	Invoice Information			La	b Us	e On	ly				T/	AT		State
Client: Devon	Company: Devon	La	b WO#	١,		Job I				1D	2D	3D	Std	NM CO UT TX
Project: LVP SWD #1	Address: 205 E Bender Road #150	_ E	418	FIX	+ 1	Old	58	ω	Π				Х	X
Project Manager: Ashley Giovengo	City, State, Zip: Hobbs NM, 88240	_ [
Address: 3122 National Parks Hwy	Phone: (575)748-1838	_				Ana	lysis	and	Met	hod				EPA Program
City, State, Zip: Carlsbad NM, 88220	Email: dale.woodall@dvn.com	_												SDWA CWA RCRA
Phone: 575-988-0055	Miscellaneous: Dale Woodall		ı	1										
Email: agiovengo@ensolum.com			١٠,	ا م ا										Compliance Y or N
		'	by 8015	8015	_	_ [Ó.	_	ا پ	ክ				PWSID#
San	nple Information		٥ ق	9 9	805	356	300	ž	5.1	Meta				
Time Sampled Date Sampled Matrix No. of Containers	Sample ID Sample ID	Lab Numbe	DRO/ORO	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Remarks
0921 10/10/24 5 1	S8" SSU8A-2"	l						X						Mostly Rock must pulve
1425 10/10/24 5 1	5510A - 2'	2			·			χ						,
1355 10/10/24 5 1	SS10 - 2'	3	ļ					X						Mostly Rock must pulverise
1200 10/10/24 5	BH01-3'	4	_					λ						Mostly Rock Must Pulyerize Mostly Rock
1050 10/10/24 5 1	BH02-2'	5	-					X					<u> </u>	Must Pulveries
1538 10/10/24 5 1	BH03-3'	6						人						Mostly Rock - pulver, ze
			+											
			-											
Additional Instructions: Please CC: churton@	ensolum.com, agiovengo@ensolum.com, dale.woo	പചിതദ	lyn co	m ch	amil	ton@	Jone	olun	CON	n io	stroil	اء	nsol	um com
	m, igonzales@ensolum.com, oaderinto@ensolum.c		VII.CO	iii, Cii	amm	tone	Yens	O.U.I.	1.001	ii, ic.	Sti Cii	iawe		1
	ple. I am aware that tampering with or intentionally mislabeling the sam		on, date	or time	of co	lection	is co	nsidere	d frau	d and	may b	e grou	nds for	legal action.
Sampled by:Chad Hamilton														
Relinquished by: (Signature) Date	Time Received by: (Signature) Date		Time							-				ust be received on ice the day they are
10/11/24) <i>-) -</i> 2	4	114	3				ed or re- west da		packed	in ice a	it an av	g temp above 0 but less than 6 °C on
Relinquished by: (Signature)	Time Received by: (Signature) Date		Time									_		se Only
Janb 10.11.24	1635 1.4.	11.70	1 1	700				Rece	eived	l on i	ice:	(Y	ファ	i
Relinantished by: (Signature) Date	Time Recaived by: Kigpature) Date 1400 Cuth Man 10-1	4.29	Time	:α				<u>T1</u>				T2_		<u>T3</u>
Relinquished by: (Signature) Date	Time Received by: (Signature) Date		Time					AVG	Ten	np °C	(4		
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Ot		iner Ty						_						
	orted unless other arrangements are made. Hazardous samples v ne laboratory with this COC. The liability of the laboratory is limit								e clien	nt exp	ense.	The re	eport	for the analysis of the above



envirotecher glass, v-VOA
ent expense. The report for the analysis of the above

Report of the analysis of the above

envirotech Inc.

Printed: 10/14/2024 10:09:38AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	10/14/24	08:00		Work Order ID:	E410117
Phone:	(505) 382-1211	Date Logged In:	10/11/24	14:40		Logged In By:	Raina Schwanz
Email:	ashley.giovengo@wescominc.com	Due Date:	10/18/24	17:00 (4 day TAT)			
Ch -id	S.C., to It (COC)						
	f Custody (COC)		37				
	the sample ID match the COC?	sh the COC	Yes				
	the number of samples per sampling site location mate samples dropped off by client or carrier?	in the COC	Yes				
			Yes Yes	Carrier: <u>C</u>	<u>Courier</u>		
	ne COC complete, i.e., signatures, dates/times, reques	ted analyses?					
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			<u>Comment</u>	ts/Resolution
Sample '	Turn Around Time (TAT)						
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				
	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 visible ice, record the temperature. Actual sample	received w/i 15	Yes				
	Container	emperature. 1	<u>~</u>				
	equeous 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	· · · · · · · · · · · · · · · · · · ·	ers conceica:	103				
	field sample labels filled out with the minimum info	rmation:					
	Sample ID?	ination.	Yes				
	Date/Time Collected?		Yes				
(Collectors name?		Yes				
Sample 1	<u>Preservation</u>						
21. Does	the COC or field labels indicate the samples were pro-	eserved?	No				
22. Are s	sample(s) correctly preserved?		NA				
24. Is lab	o filteration required and/or requested for dissolved m	etals?	No				
Multiph	ase Sample Matrix						
26. Does	the sample have more than one phase, i.e., multiphas	e?	No				
	s, does the COC specify which phase(s) is to be analy		NA				
Subcont	ract Laboratory						
	samples required to get sent to a subcontract laborator		No				
	a subcontract laboratory specified by the client and if		NA	Subcontract Lab	NI A		
	instruction	30 W110:	1421	Subcontract Lat	, NA		
CHCHT	nstruction						
Sample	es 1, 3-6. Mostly rock must pulverize- Per client.						
L							

Date

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



APPENDIX E

NMOCD Notifications

<u>District I</u> 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

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

Action 383093

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	383093
	Action Type:
	[NOTIFY] Notification Of Liner Inspection (C-141L)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2422877091
Incident Name	NAPP2422877091 LVP SWD #001 @ 30-015-42234
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-015-42234] LVP SWD #001

Location of Release Source					
Site Name	LVP SWD #001				
Date Release Discovered	08/15/2024				
Surface Owner	Private				

Liner Inspection Event Information	
Please answer all the questions in this group.	
What is the liner inspection surface area in square feet	6,309
Have all the impacted materials been removed from the liner	Yes
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	09/19/2024
Time liner inspection will commence	09:00 AM
Please provide any information necessary for observers to liner inspection	Ashley Giovengo Senior Engineer 575-988-0055
Please provide any information necessary for navigation to liner inspection site	32.3330917, -104.0850372

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

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

CONDITIONS

Action 383093

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	383093
	Action Type:
	[NOTIFY] Notification Of Liner Inspection (C-141L)

CONDITIONS

Created	Condition	Condition
Ву		Date
wdale	Failure to notify the OCD of liner inspections including any changes in date/time per the requirements of 19.15.29.11.A(5)(a)(ii) NMAC, may result in the inspection not being accepted.	9/12/2024

<u>District I</u> 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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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

Action 396314

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	396314
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2422877091
Incident Name	NAPP2422877091 LVP SWD #001 @ 30-015-42234
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received
Incident Well	[30-015-42234] LVP SWD #001

Location of Release Source					
Please answer all the questions in this group.					
Site Name	LVP SWD #001				
Date Release Discovered	08/15/2024				
Surface Owner	Private				

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.		
Crude Oil Released (bbls) Details	Not answered.	
Produced Water Released (bbls) Details	Cause: Equipment Failure Valve Produced Water Released: 361 BBL Recovered: 360 BBL Lost: 1 BBL.	
Is the concentration of chloride in the produced water >10,000 mg/l	Yes	
Condensate Released (bbls) Details	Not answered.	
Natural Gas Vented (Mcf) Details	Not answered.	
Natural Gas Flared (Mcf) Details	Not answered.	
Other Released Details	Not answered.	
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	inlet enardo failed. 360.5 bbls spilled into lined containment and 360 bbls recovered. 0.71 bbls spilled onto the pad, not recovered	

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

<u>District IV</u> 1220 S. St Francis Dr., Santa Fe, NM 87505

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 396314

Phone:(505) 476-3470 Fax:(505) 476-3462			
QUESTIONS (continued)			
Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137 Action Number: 396314 Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)		
QUESTIONS			
Nature and Volume of Release (continued)			
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.		
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes		
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.		
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.	e. gas only) are to be submitted on the C-129 form.		
Initial Response The responsible party must undertake the following actions immediately unless they could create a s	safety hazard that would result in injury.		
The source of the release has been stopped	True		
The impacted area has been secured to protect human health and the environment	True		
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True		
All free liquids and recoverable materials have been removed and managed appropriately	True		
If all the actions described above have not been undertaken, explain why	Not answered.		
	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 releathe OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are required asses 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: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com		

Date: 08/22/2024

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 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 3

Action 396314

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	396314
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Site Characterization		
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)	
What method was used to determine the depth to ground water	Direct Measurement	
Did this release impact groundwater or surface water	No	
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:		
A continuously flowing watercourse or any other significant watercourse	Between 500 and 1000 (ft.)	
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)	
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)	
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)	
Any other fresh water well or spring	Between 1 and 5 (mi.)	
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)	
A wetland	Between 500 and 1000 (ft.)	
A subsurface mine	Between 1 and 5 (mi.)	
An (non-karst) unstable area	Between 1 and 5 (mi.)	
Categorize the risk of this well / site being in a karst geology	Medium	
A 100-year floodplain	Between 500 and 1000 (ft.)	
Did the release impact areas not on an exploration, development, production, or storage site	No	

Remediation Plan			
Please answer all the questions that apply or are indicated. This information must be provide	ded 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)	15700		
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	194		
GRO+DRO (EPA SW-846 Method 8015M)	90.7		
BTEX (EPA SW-846 Method 8021B or 8260B)	0		
Benzene (EPA SW-846 Method 8021B or 8260B)	0		
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.			
On what estimated date will the remediation commence	07/01/2025		
On what date will (or did) the final sampling or liner inspection occur	09/20/2024		
On what date will (or was) the remediation complete(d)	07/15/2025		
What is the estimated surface area (in square feet) that will be reclaimed	1020		
What is the estimated volume (in cubic yards) that will be reclaimed	151		
What is the estimated surface area (in square feet) that will be remediated	1020		
What is the estimated volume (in cubic yards) that will be remediated	151		
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 adjuste	ted 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.

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 4

Action 396314

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	396314
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
This remediation will (or is expected to) utilize the following processes to remediate	I 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	LEA LAND LANDFILL [fEEM0112342028]	
OR which OCD approved well (API) will be used for off-site disposal	30-015-42234 LVP SWD #001	
OR is the off-site disposal site, to be used, out-of-state	No	
OR is the off-site disposal site, to be used, an NMED facility	No	
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No	
(In Situ) Soil Vapor Extraction	No	
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No	
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No	
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No	
Ground Water Abatement pursuant to 19.15.30 NMAC	No	
OTHER (Non-listed remedial process)	No	

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

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

I hereby agree and sign off to the above statement

Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 10/28/2024

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.

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

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 5

Action 396314

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	396314
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

OUESTIONS

	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

Requesting a remediation closure approval with this submission

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QUESTIONS, Page 6

Action 396314

QUESTIONS	(continued)
QUESTIONS!	COH I III I I I I C C I I

Operator.	OGKID.	
DEVON ENERGY PRODUCTION COMPANY, LP	6137	
333 West Sheridan Ave.	Action Number:	
Oklahoma City, OK 73102	396314	
	Action Type:	
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)	
QUESTIONS		
Sampling Event Information		
Last sampling notification (C-141N) recorded	{Unavailable.}	
Remediation Closure Request		
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.		

No

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CONDITIONS

Action 396314

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	396314
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Remediation plan is approved as written and with the following conditions; 1. Excavation of the impacted area on-pad (specifically the north side) until laboratory analytical results indicate the floor and sidewalls of the excavation will be in compliance with the strictest Closure Criteria. 2. Devon has 90-days (January 30, 2025) to submit to OCD its appropriate or final remediation closure report.	11/1/2024