LVP SWD # 1

OCD INCIDENT nAPP2333127536

11/25/2023

Spills In Lined Containment			
Measurements Of Standin	g Fluid		
Length(Ft)	137.5		
Width(Ft)	44.5		
Depth(in.)	2.58		
Total Capacity without tank displacements (bbls)	234.31		
No. of 500 bbl Tanks In Standing Fluid	6		
No. of Other Tanks In Standing Fluid			
OD Of Other Tanks In Standing Fluid(feet)			
Total Volume of standing fluid accounting for tank displacement.	190.97		



February 15, 2024

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

Re: Deferral Request LVP SWD #001

Incident Number nAPP2333127536

Eddy County, New Mexico

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of Devon Energy Production Company (Devon), has prepared this *Deferral Request* to document assessment and soil sampling activities at the LVP SWD #001 (Site) in Unit I, Section 4, Township 23 South, Range 28 East, in Eddy County, New Mexico (Figure 1). The Site (32.3330917°, -104.0850372°) is associated with oil and gas exploration and production operations on Private Land.

The purpose of the Site assessment and soil sampling activities was to assess for the presence or absence of impacts to soil following a release of produced water within a lined tank battery containment at the Site. Based on field observations, field screening activities, and soil sample laboratory analytical results, Devon is submitting this *Deferral Request*, describing Site assessment, delineation and excavation activities that have occurred to date and requesting deferral of final remediation for Incident Number nAPP2333127536 until the Site is reconstructed and/or the well pad is abandoned.

BACKGROUND

On November 25, 2023, the produced water tanks overflowed, resulting in the release of approximately 191 barrels (bbls) of produced water into the lined tank battery containment. A vacuum truck was immediately dispatched to the Site to recover free-standing fluids; 190 bbls of produced water were recovered from within the lined containment. A 48-hour advance notice of liner inspection was provided via email to the New Mexico Oil Conservation Division (NMOCD) District II Office. A liner integrity inspection was conducted by Ensolum personnel following fluid recovery. Upon inspection, the liner was determined to be insufficient. Two holes were found in the lined secondary containment which allowed produced water to impact the soil outside of the containment wall. Devon reported the release to the NMOCD via email on November 26, 2023, and submitted a Release Notification Form C-141 (Form C-141) on November 28, 2023. The release was assigned Incident Number nAPP2333127536 (Appendix A).

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, Section 12 (19.15.29.12) of the New Mexico Administrative

Ensolum, LLC | Environmental, Engineering & Hydrogeologic Consultants 3122 National Parks Highway | Carlsbad, NM 88220 | ensolum.com



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

Depth to groundwater at the Site is estimated to be 38 feet below ground surface (bgs) based on groundwater depth measurement of a nearby water well. On July 16, 2021, a soil boring, New Mexico Office of the State Engineer (NMOSE) file number C-04415 POD 1, was drilled nearly 0.3 miles west of the Site. Soil boring C-04415 POD7 was drilled to a depth of 55 feet bgs. Depth to groundwater was confirmed at 38 feet bgs as indicated on the NMOSE *Point of Diversion Summary* form. The Well Record and Log is included in Appendix B.

The closest continuously flowing or significant watercourse to the Site is an intermittent riverine dry wash, located approximately 507 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 on Figure 1.

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

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

SITE ASSESSMENT ACTIVITIES

On December 11, 2023, Ensolum personnel visited the Site to evaluate the release extent, conduct a liner inspection, and collect lateral delineation samples. Two small holes were discovered along the bottom corner of the containment wall; one on the west side of containment and the other hole was located near the northwest corner. Four lateral delineation soil samples (SS01 through SS04) were collected around the tank battery containment at the ground surface level. The soil samples were field screened for Total Petroleum Hydrocarbons (TPH) utilizing a PetroFLAG® soil analyzer system and chloride using the MOHR method titration. The soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted in Figure 2. Photographic documentation was completed during the Site visit and a photographic log is included as Appendix C.

The soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures to Envirotech Analytical Laboratory (Envirotech) in Farmington, New Mexico, for analysis of the following chemicals of concern (COCs): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-gasoline range organics (GRO), TPH-diesel range organics (DRO), and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following Standard Method SM4500.

DELINEATION ACTIVITIES

On December 14, 2023, two holes were identified by Ensolum personnel when conducting the liner integrity inspection. One hole was located along the west containment wall and one hole was located along the northwest corner of the containment wall. Two small areas on-pad were impacted by this



release due to the proximity of the holes in the liner to the edge of the containment walls. Two boreholes, BH01 and BH02, were advanced in the impaired areas on-pad located directly next the edge of the containment walls in order to prevent further damage to the containment liner. Boreholes BH01 and BH02 were advanced via hand auger to a depth of 1-foot bgs in borehole location BH01 and to a depth of 2.5 feet bgs in borehole location BH02 and soil from the boreholes was field screened for chloride at every foot. Ensolum personnel hit refusal at a depth of 2.5 feet bgs in borehole location BH02 due to a layer of well indurated caliche.

On December 28, 2023, Ensolum personnel returned to the Site to resample in the vicinity of lateral delineation soil sample SS01. The original sample contained a slightly elevated level of chloride due to its proximity to the load line for the produced water tanks. The area was scraped with a shovel and delineation soil sample SS01A was collected. Soil samples from the delineation sampling events conducted on December 14 and December 28, 2023, were handled and analyzed in the same manner as previously described. Field screening results and observations from the boreholes were logged on lithologic/soil sampling logs, which are included in Appendix D. Discrete delineation soil samples were collected at each foot from BH01 beginning at ground surface to 2 feet bgs and from BH02 at ground surface to 2.5 feet bgs and submitted for laboratory analysis.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for lateral delineation soil samples (SS01A through SS04), collected outside of the lined tank battery containment, indicated all COC concentrations were compliant with Site Closure Criteria except for SS01 which was recollected.

Laboratory analytical results for the vertical delineation soil samples collected from borehole BH01, indicated chloride concentrations exceeded the Site Closure Criteria at depths ranging from ground surface to 2 feet bgs. Subsequent delineation borehole BH02 indicated chloride concentrations exceeded the Site Closure Criteria at depths ranging from ground surface to 2.5 feet bgs. Laboratory analytical results indicated excavation of the contaminated areas outside of the lined secondary containment was necessary. Laboratory analytical results are summarized in Table 1 and the complete laboratory analytical reports are included as Appendix E.

EXCAVATION ACTIVITIES

On January 11, 2024, Ensolum personnel oversaw the excavation of impacted soil from the release area's outside of the lined tank battery containment. Excavation activities were performed via hydro-vac to depths ranging from ground surface to 3.75 feet bgs. To direct excavation activities, soil was field screened for chloride as previously described above. Photographic documentation is included in Appendix C.

Following removal of impacted soil, 5-point composite soil samples were collected every 200 square feet from the floor of the excavation. The 5-point composite soil samples were collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. Composite soil samples (FS01 and FS02) were collected from the floor of the excavation and the walls facing away from the containment. Sidewall samples (SW01 and SW02) were collected from the walls against the lined containment area at depths ranging from ground surface to 3.75 feet bgs. The soil samples were handled and analyzed as previously described. The excavation extent and excavation soil sample locations were mapped utilizing a handheld GPS unit and are depicted on Figure 3.

A total of approximately 4 cubic yards of soil were removed during excavation activities. The impacted soil was transported and properly disposed of at the R360 Disposal Facility in Hobbs, New Mexico.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for the excavation floor soil samples FS01 and FS02, collected at 3.75 feet bgs and for sidewall soil samples SW01 and SW02, collected from ground surface to 3.75 feet bgs, indicated all COC concentrations were compliant with the Site Closure Criteria. Laboratory analytical results are summarized in Table 2 and the complete laboratory analytical reports are included as Appendix E.

DEFERRAL REQUEST

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

Impacted soil remaining in place beneath the liner, which is delineated vertically by delineation soil samples BH01 and BH02, collected to a depth of 2.5 feet bgs, and laterally by delineation soil samples SS01A through SS04, collected at the ground level. Laboratory analytical results from sidewall soil samples SW01 and SW02 confirm the presence of chloride containing soil is limited to beneath the lined tank battery containment. Approximately 875 cubic yards of chloride impacted soil remains in place beneath the containment liner based on a maximum depth of 3.75-foot depth determined through delineation and confirmation soil sampling. The impacted soil volume estimate includes waste-containing soil volumes to be addressed through reconstruction of the containment or final pad reclamation.

Devon does not believe deferment will result in imminent risk to human health, the environment, or groundwater. Depth to groundwater was determined to be 38 feet bgs, and the impacted soil remaining in place is limited to the area immediately beneath the liner. The liner has been repaired by Devon and will restrict future vertical migration of residual impacts and any interactions with humans and/or wildlife.

Based on the presence of active production equipment within the release area and the complete lateral and vertical delineation of impacted soil remaining in place, Devon requests deferral of final remediation for Incident Number nAPP2333127536 until final reclamation of the well pad or major construction, whichever comes first. Remedial actions completed to date have been protective of human health, the environment, and groundwater and deferment of impacted soil beneath the lined containment appears to be equally protective and warranting deferment. Notifications submitted to the NMOCD are included in Appendix F.

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

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

Ashely Giovengo Senior Scientist Daniel R. Moir, PG Senior Managing Geologist



cc: Dale Woodall, Devon

Appendices:

Figure 1 Site Receptor Map

Figure 2 Delineation Soil Sample Locations Figure 3 Excavation Soil Sample Locations

Figure 4 Area of Requested Deferral

Table 1 Delineation Soil Sample Analytical ResultsTable 2 Confirmation Soil Sample Analytical Results

Appendix A Form C-141 Appendix B Reference Wells

Appendix C Lithographic Soil Sampling Logs

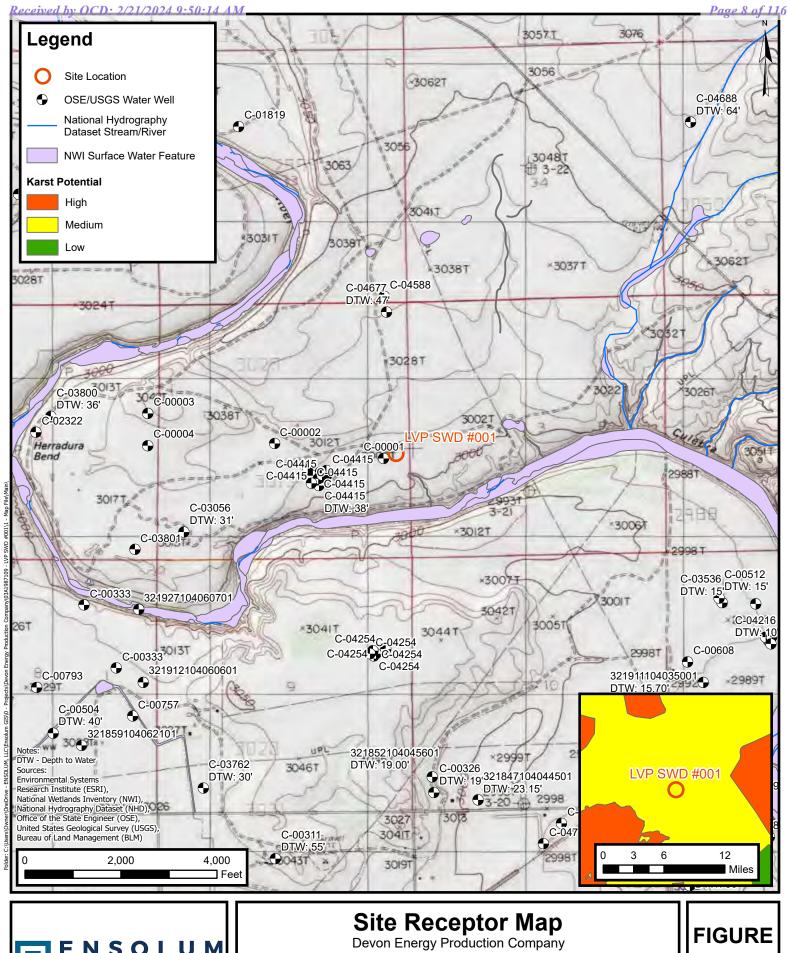
Appendix D Photographic Log

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

Appendix F NMOCD Correspondence



FIGURES





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LVP SWD #001 Incident Number: nAPP2333127536 Unit I, Section 04, T 23S, R 28E

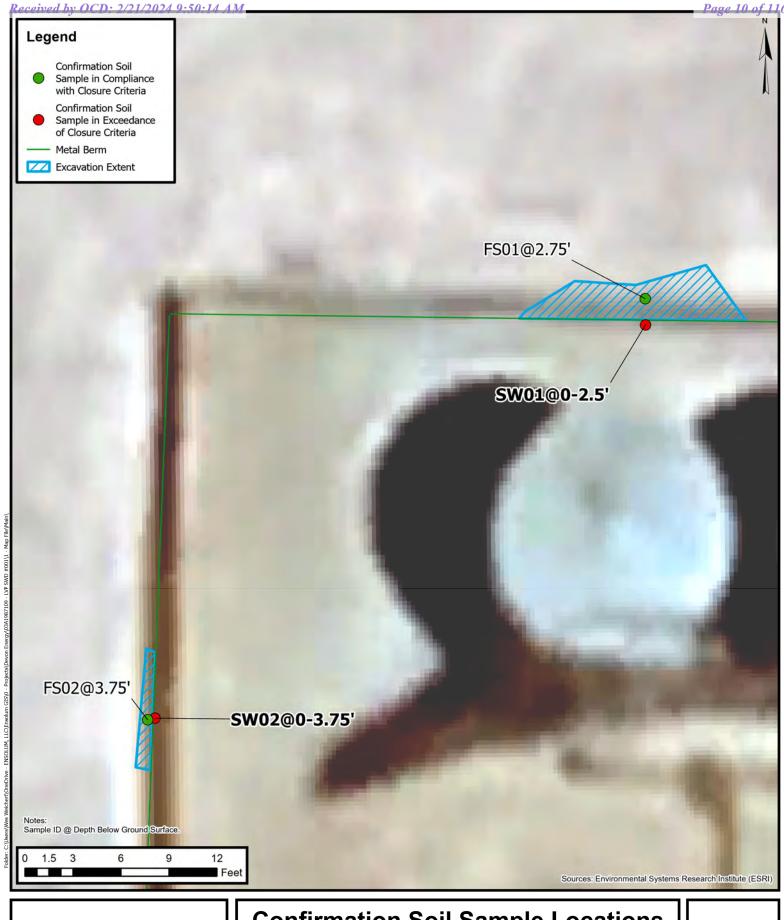
Eddy County, New Mexico





Delineation Soil Sample Locations

Devon Energy Production Company LVP SWD #001 Incident Number: nAPP2333127536 Unit I, Section 04, T 23S, R 28E Eddy County, New Mexico FIGURE 2



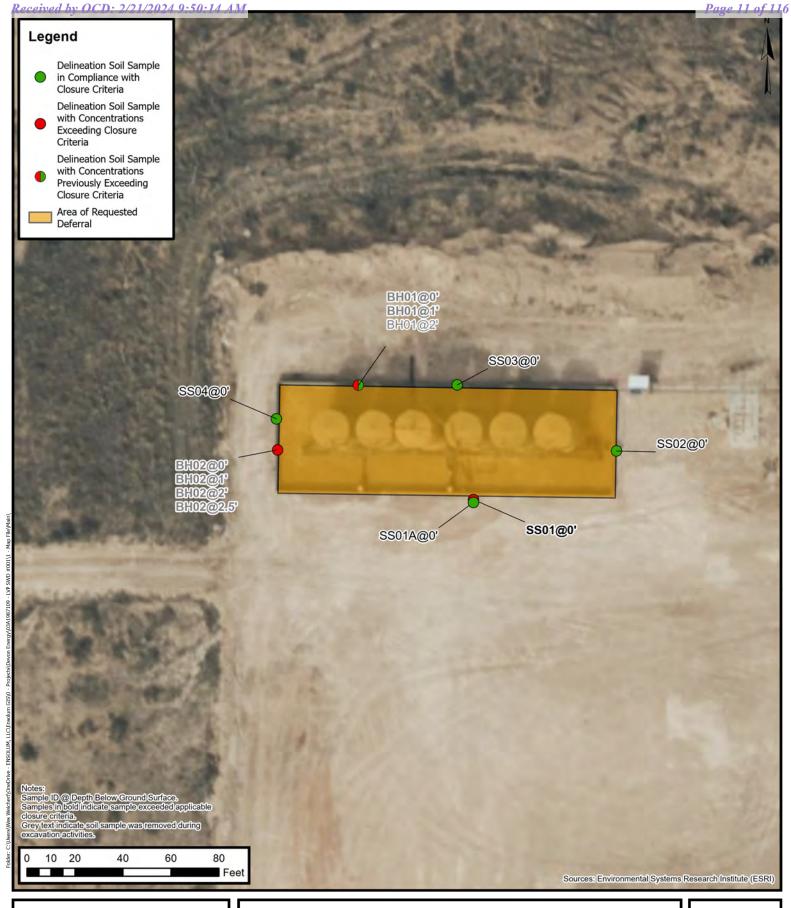


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Confirmation Soil Sample Locations Devon Energy Production Company LVP SWD #001

Incident Number: nAPP2333127536

Unit I, Section 04, T 23S, R 28E Eddy Co, New Mexico, United States **FIGURE** 3





Area of Requested Deferral

Devon Energy Production Company LVP SWD #001 Incident Number: nAPP2333127536

Unit I, Section 04, T 23S, R 28E Eddy Co, New Mexico, United States FIGURE 4



TABLES



TABLE 1

SOIL SAMPLE ANALYTICAL RESULTS

LVP SWD #001

Devon Energy Production Company
Eddy County, New Mexico

	Eddy County, New Mexico									
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	NE	100	600
				Deli	neation Soil Sam	ples				
SS01	12/11/2023	0	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<50.0	627
SS01A	12/28/2023	0	< 0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<50.0	206
SS02	12/11/2023	0	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<50.0	501
SS03	12/11/2023	0	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<50.0	262
SS04	12/11/2023	0	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<50.0	303
BH01	12/11/2023	0	< 0.0250	< 0.0250	<20.0	<25.0	<50.0	<50.0	<50.0	9,860
BH01	12/14/2023	1	< 0.0250	< 0.0250	<20.0	<25.0	<50.0	<50.0	<50.0	656
BH01	12/14/2023	2	< 0.0250	< 0.0250	<20.0	<25.0	<50.0	<50.0	<50.0	435
BH02	12/11/2023	0	< 0.0250	< 0.0250	<20.0	<25.0	<50.0	<50.0	<50.0	13,700
BH02	12/14/2023	1	< 0.0250	< 0.0250	<20.0	<25.0	<50.0	<50.0	<50.0	3,120
BH02	12/14/2023	2	< 0.0250	0.0864	<20.0	<25.0	<50.0	<50.0	<50.0	2,270
BH02	12/14/2023	2.5	< 0.0250	< 0.0250	<20.0	<25.0	<50.0	<50.0	<50.0	1,800

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.



TABLE 2

SOIL SAMPLE ANALYTICAL RESULTS

LVP SWD #001

Devon Energy Production Company

	Eddy County, New Mexico									
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria (NMAC 19.15.29)	10	50	NE	NE	NE	NE	100	600
				Conf	irmation Soil Sar	nples				
FS01	1/11/2024	2.5	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<50.0	183
FS02	1/11/2024	3.75	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<50.0	597
	Sidewall Soil Samples									
SW01	1/11/2024	0 - 2.5	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<50.0	1,210
SW02	1/11/2024	0 - 3.75	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<50.0	644

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

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

ORO: Oil Range Organics
TPH: Total Petroleum Hydrocarbon

GRO: Gasoline Range Organics DRO: Diesel Range Organics

TEH. Total Felioleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

[&]quot;<": Laboratory Analytical result is less than reporting limit

^{*} 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

Form C-141

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources Department

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

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party O					OGRID		
Contact Name C					Contact Telephone		
Contact emai	1			Incident #	(assigned by OCD)		
Contact mail:	ing address			•			
			Location	of Release So	ource		
Latitude			(NAD 83 in dec	Longitude _ imal degrees to 5 decin	nal places)		
Site Name				Site Type			
Date Release	Discovered			API# (if app	plicable)		
Unit Letter	Section	Township	Range	Coun	County		
Surface Owner		Federal Tri	Nature and	l Volume of I	Release justification for the volumes provided below)		
Crude Oil		Volume Released		•	Volume Recovered (bbls)		
Produced	Water	Volume Released	d (bbls)		Volume Recovered (bbls)		
			ion of total dissolv water >10,000 mg/		☐ Yes ☐ No		
Condensa	te	Volume Released	d (bbls)		Volume Recovered (bbls)		
☐ Natural G	as	Volume Released	d (Mcf)		Volume Recovered (Mcf)		
Other (describe) Volume/Weight Released (provide unit			Released (provide	units)	Volume/Weight Recovered (provide units)		
Cause of Rela	ease						

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	Page ageog an
Incident ID	
District RP	

District RP
Facility ID
Application ID

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the respon	nsible party consider this a major release?
☐ Yes ☐ No		
If YES, was immediate n	otice given to the OCD? By whom? To wh	nom? When and by what means (phone, email, etc)?
	Initial R	esponse
The responsible	party must undertake the following actions immediatel	y unless they could create a safety hazard that would result in injury
☐ The source of the rele	ease has been stopped.	
☐ The impacted area ha	as been secured to protect human health and	the environment.
Released materials ha	ave been contained via the use of berms or o	likes, absorbent pads, or other containment devices.
☐ All free liquids and re	ecoverable materials have been removed an	d managed appropriately.
If all the actions describe	d above have <u>not</u> been undertaken, explain	why:
	-	
		emediation immediately after discovery of a release. If remediation
		efforts have been successfully completed or if the release occurred blease attach all information needed for closure evaluation.
regulations all operators are public health or the environ failed to adequately investig	required to report and/or file certain release noti ment. The acceptance of a C-141 report by the C gate and remediate contamination that pose a three	best of my knowledge and understand that pursuant to OCD rules and fications and perform corrective actions for releases which may endanger OCD does not relieve the operator of liability should their operations have at to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws
Printed Name: Dale W	/oodall	Title: Env. Professional
Signature: <i>Dale U</i>	Joodall	Date:
email:dale.woodall@d	dvn.com	Telephone: 575-748-1838
OCD Only		
Received by: Shelly We	lls	Date: 11/28/2023

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**

CONDITIONS

Action 288690

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	288690
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	y Condition	Condition Date
scwells	None	11/28/2023

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Incident ID	nAPP2333127536
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Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	(ft bgs)			
Did this release impact groundwater or surface water?	☐ Yes ⊠ No			
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ⊠ No			
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ⊠ No			
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ⊠ No			
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ⊠ No			
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ⊠ No			
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ⊠ No			
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ⊠ No			
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ⊠ No			
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ⊠ No			
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ⊠ No			
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ⊠ No			
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.				
Characterization Report Checklist: Each of the following items must be included in the report.				
 Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring well Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release Boring or excavation logs Photographs including date and GIS information Topographic/Aerial maps Laboratory data including chain of custody 	ls.			

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

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Application ID	

regulations all operators are required to report and/or file certain release public health or the environment. The acceptance of a C-141 report by failed to adequately investigate and remediate contamination that pose	to the best of my knowledge and understand that pursuant to OCD rules and e notifications and perform corrective actions for releases which may endanger the OCD does not relieve the operator of liability should their operations have a threat to groundwater, surface water, human health or the environment. In tor of responsibility for compliance with any other federal, state, or local laws
Printed Name: <u>Dale Woodall</u>	Title: Env. Professional
Signature:	Date: <u>11/28/2023</u>
email: dale.woodall@dvn.com	Telephone: <u>575-748-1838</u>
OCD Only	
Received by:	Date:

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Incident ID	nAPP2333127536
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Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: Each of the following items must be	e included in the plan.
☐ Detailed description of proposed remediation technique ☐ Scaled sitemap with GPS coordinates showing delineation poin ☐ Estimated volume of material to be remediated ☐ Closure criteria is to Table 1 specifications subject to 19.15.29. ☐ Proposed schedule for remediation (note if remediation plan times)	12(C)(4) NMAC
Deferral Requests Only: Each of the following items must be con-	nfirmed as part of any request for deferral of remediation.
○ Contamination must be in areas immediately under or around p deconstruction.	roduction equipment where remediation could cause a major facility
Extents of contamination must be fully delineated.	
○ Contamination does not cause an imminent risk to human healt	h, the environment, or groundwater.
	e and remediate contamination that pose a threat to groundwater, acceptance of a C-141 report does not relieve the operator of
Printed Name: <u>Dale Woodall</u> T	itle: Env. Professional
Signature:	Pate: 11/28/2023
email: dale.woodall@dvn.com T	elephone: <u>575-748-1838</u>
OCD Only	
OCD OILY	
Received by:	Date:
Approved	Approval
Signature:	Date:



APPENDIX B

Referenced Wells



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

NA

C 04415 POD7

3577518

23S 28E

585628

Driller License: 1186

Driller Company:

NOT FOR HIRE

Driller Name:

HAMMER, RODNEY S.WARDENER

Drill Start Date:

07/15/2021

Drill Finish Date:

07/16/2021

Plug Date: Source:

07/16/2021

Log File Date:

10/05/2021

PCW Rcv Date:

Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size:

2.00

Depth Well:

55 feet

Depth Water:

38 feet

Water Bearing Stratifications:

Top

0

38

Bottom Description

55 Shale/Mudstone/Siltstone

Casing Perforations:

Bottom Top

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: 2/21/2024 9:50:14 AM



APPENDIX C

Photographic Log



Photographic Log

Devon Energy Production Company LVP SWD #001 nAPP2333127536





Date: 12/11/2023

Photograph 1 Date: 12/11/2023

Description: Liner Inspection

View: West

Photograph 2

Description: Liner Inspection
View: Southwest





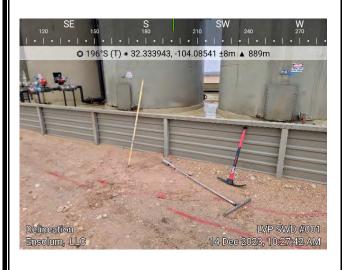
Photograph 3 Date: 12/11/2023 Photograph 4 Date: 12/11/2023

Description: Liner Inspection Description: Liner Inspection

View: Southwest View: West



Photographic Log
Devon Energy Production Company
LVP SWD #001
nAPP2333127536





Date: 12/28/2023

Date: 01/11/2024

Photograph 5 Date: 12/14/2023

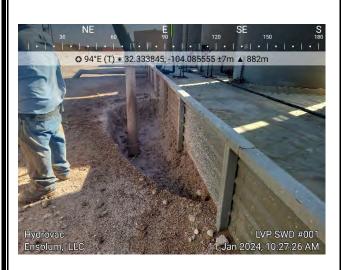
Description: Delineation

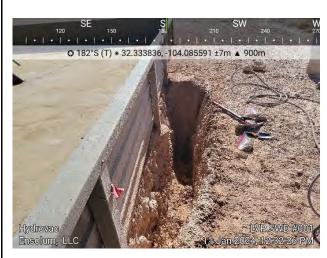
View: South

Photograph 6

Description: Delineation

View: North





Photograph 7 Date: 01/11/2024

Description: Excavation Area

View: East

Photograph 8

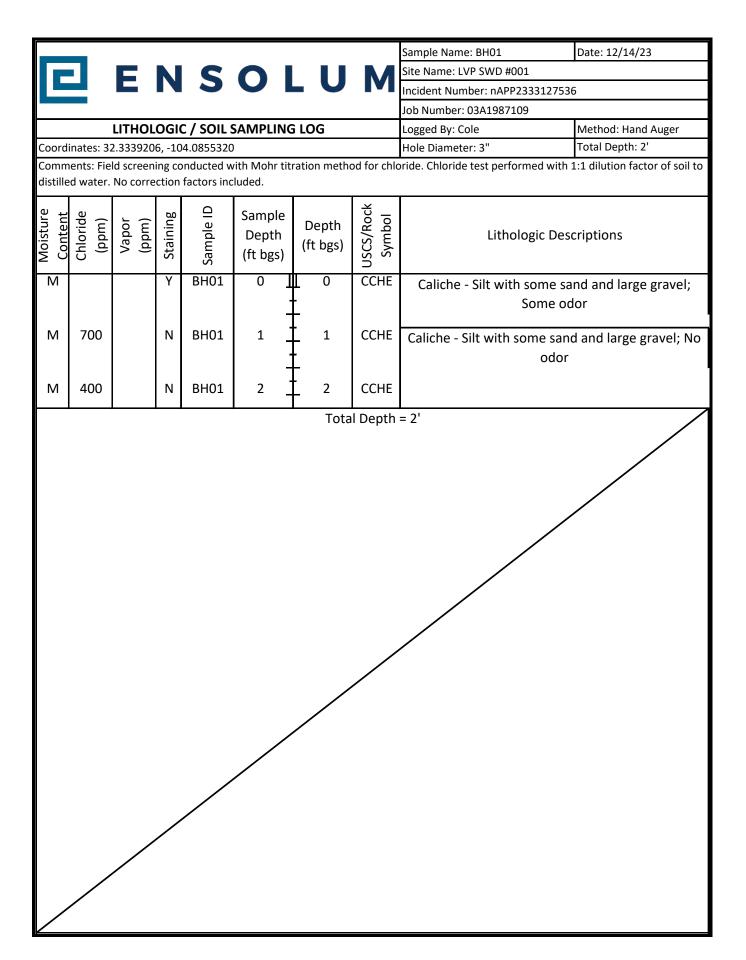
Description: Excavation Area

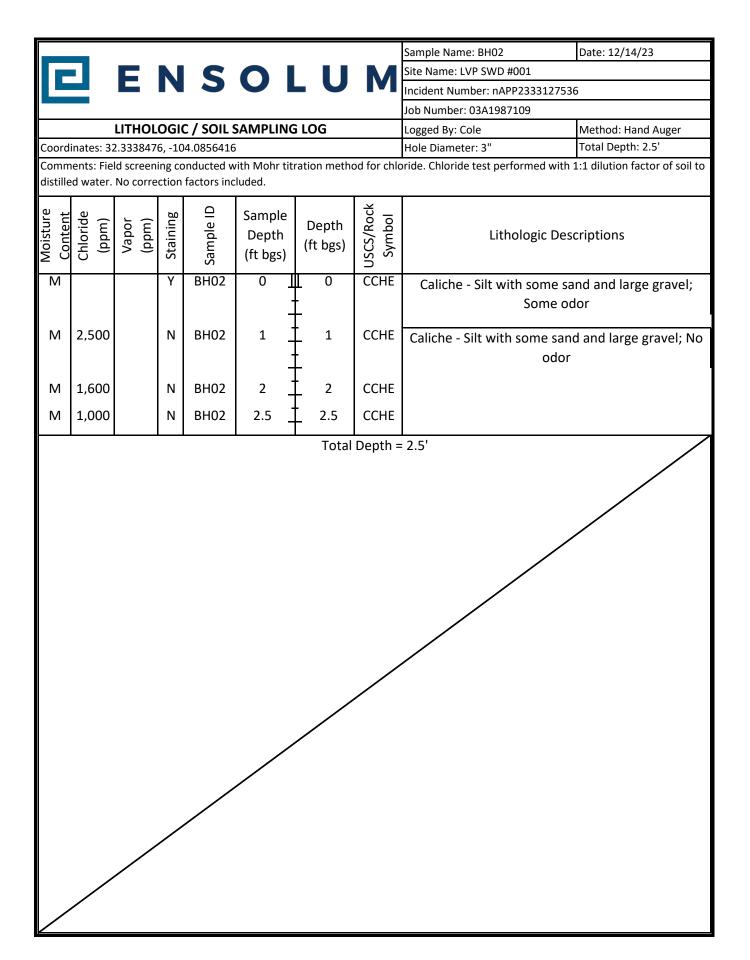
View: South



APPENDIX D

Lithologic Soil Sampling Logs







APPENDIX E

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: E312086

Job Number: 01058-0007

Received: 12/13/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 12/20/23

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

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

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

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

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

Date Reported: 12/20/23

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: LVP SWD #001

Workorder: E312086

Date Received: 12/13/2023 1:00:00PM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/13/2023 1:00:00PM, 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

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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

_				
Γ	Devon Energy - Carlsbad	Project Name:	LVP SWD #001	Reported:
ı	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
	Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/20/23 15:48

Client Sample ID	Lab Sample ID M	Matrix	Sampled	Received	Container
SS02-0'	E312086-01A	Soil	12/11/23	12/13/23	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	12/20/2023 3:48:23PM

SS02-0'

E312086-01

	L512000 01				
Result	Reporting Limit		Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	ılyst: RKS		Batch: 2350076
ND	0.0250	1	12/14/23	12/17/23	
ND	0.0250	1	12/14/23	12/17/23	
ND	0.0250	1	12/14/23	12/17/23	
ND	0.0250	1	12/14/23	12/17/23	
ND	0.0500	1	12/14/23	12/17/23	
ND	0.0250	1	12/14/23	12/17/23	
	81.4 %	70-130	12/14/23	12/17/23	
mg/kg	mg/kg	Ana	Analyst: RKS		Batch: 2350076
ND	20.0	1	12/14/23	12/17/23	
	89.2 %	70-130	12/14/23	12/17/23	
mg/kg	mg/kg	Ana	Analyst: KM		Batch: 2350072
ND	25.0	1	12/14/23	12/16/23	
ND	50.0	1	12/14/23	12/16/23	
	81.9 %	50-200	12/14/23	12/16/23	
mg/kg	mg/kg	Ana	Analyst: BA		Batch: 2351045
501	20.0	1	12/19/23	12/20/23	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Reporting mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 81.4 % mg/kg mg/kg mg/kg ND 20.0 89.2 % mg/kg MD 25.0 ND 50.0 81.9 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 81.4 % 70-130 mg/kg mg/kg Ana ND 20.0 1 89.2 % 70-130 1 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1 81.9 % 50-200 mg/kg mg/kg Ana	Reporting Result Limit Dilution Prepared mg/kg Analyst: RKS ND 0.0250 1 12/14/23 ND 0.0250 1 12/14/23 ND 0.0250 1 12/14/23 ND 0.0500 1 12/14/23 ND 0.0250 1 12/14/23 ND 0.0250 1 12/14/23 mg/kg mg/kg Analyst: RKS ND 20.0 1 12/14/23 mg/kg mg/kg Analyst: KM ND 25.0 1 12/14/23 ND 50.0 1 12/14/23 ND 50.0 1 12/14/23 81.9 % 50-200 12/14/23 mg/kg mg/kg Analyst: BA	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 12/14/23 12/17/23 ND 0.0250 1 12/14/23 12/17/23 ND 0.0250 1 12/14/23 12/17/23 ND 0.0500 1 12/14/23 12/17/23 ND 0.0250 1 12/14/23 12/17/23 ND 0.0250 1 12/14/23 12/17/23 mg/kg mg/kg Analyst: RKS ND 20.0 1 12/14/23 12/17/23 mg/kg mg/kg Analyst: KM ND 25.0 1 12/14/23 12/17/23 ND 25.0 1 12/14/23 12/16/23 ND 50.0 1 12/14/23 12/16/23 ND 50.0 1 12/14/23 12/16/23 ND 50.0 1 12/14/23



QC Summary Data

		QC S	umma	пу рас	a				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	01	VP SWD #00 .058-0007 shley Gioven					Reported: 12/20/2023 3:48:23PM
		Volatile O	ragnics h	w FPA 80)1R				A L PVG
		volatile O	gaines)y E1A 002	21D				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 (2350076-BLK1)							Prepared: 1	2/14/23 A	nalyzed: 12/15/23
Benzene	ND	0.0250					1		
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	7.64		8.00		95.5	70-130			
LCS (2350076-BS1)							Prepared: 1	2/14/23 A	analyzed: 12/15/23
Benzene	4.90	0.0250	5.00		98.0	70-130			
Ethylbenzene	4.72	0.0250	5.00		94.4	70-130			
Foluene	4.90	0.0250	5.00		98.0	70-130			
o-Xylene	4.83	0.0250	5.00		96.7	70-130			
p,m-Xylene	9.76	0.0500	10.0		97.6	70-130			
Total Xylenes	14.6	0.0250	15.0		97.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.72		8.00		96.5	70-130			
Matrix Spike (2350076-MS1)				Source: E312087-02		Prepared: 12/14/23 Analyzed: 12/19/23			
Benzene	5.00	0.0250	5.00	ND	99.9	54-133			
Ethylbenzene	4.85	0.0250	5.00	ND	97.0	61-133			
Toluene	5.02	0.0250	5.00	ND	100	61-130			
o-Xylene	4.96	0.0250	5.00	ND	99.1	63-131			
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131			
Total Xylenes	15.0	0.0250	15.0	ND	99.9	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.62		8.00		95.2	70-130			
Matrix Spike Dup (2350076-MSD1)				Source:	E312087-	02	Prepared: 1	2/14/23 A	nalyzed: 12/17/23
Benzene	4.99	0.0250	5.00	ND	99.7	54-133	0.217	20	
Ethylbenzene	4.73	0.0250	5.00	ND	94.6	61-133	2.49	20	
Toluene	4.96	0.0250	5.00	ND	99.2	61-130	1.21	20	
o-Xylene	4.80	0.0250	5.00	ND	96.0	63-131	3.25	20	
V-1	0.72	0.0500	10.0	ND	07.2	62 121	2.05	20	

10.0

15.0

8.00

0.0500

0.0250

ND

ND

97.3

96.9

63-131

63-131

70-130

3.05

3.12

20

20



p,m-Xylene Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

9.73

14.5

6.15

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	LVP SWD #001 01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/20/2023 3:48:23PM

Artesia NM, 88210	Project Manager: Ashley Giovengo								12/20/2023 3:48:23PM		
	Non	halogenated	Organics l	by EPA 80	15D - Gl	RO		Analyst: RKS			
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes		
Blank (2350076-BLK1)							Prepared: 1	2/14/23 Ana	lyzed: 12/15/23		
Gasoline Range Organics (C6-C10)	ND	20.0									
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.97		8.00		87.2	70-130					
LCS (2350076-BS2)							Prepared: 1	2/14/23 Ana	lyzed: 12/19/23		
Gasoline Range Organics (C6-C10)	47.4	20.0	50.0		94.8	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.09		8.00		88.6	70-130					
Matrix Spike (2350076-MS2)				Source:	E312087-	02	Prepared: 1	2/14/23 Ana	lyzed: 12/17/23		
Gasoline Range Organics (C6-C10)	40.5	20.0	50.0	ND	81.1	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.17		8.00		89.6	70-130					
Matrix Spike Dup (2350076-MSD2)				Source:	E312087-	02	Prepared: 1	2/14/23 Ana	lyzed: 12/17/23		
Gasoline Range Organics (C6-C10)	40.9	20.0	50.0	ND	81.8	70-130	0.891	20			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.09		8.00		88.6	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	12/20/2023 3:48:23PM

Artesia NM, 88210		Project Manager	r: As	hley Gioveng	go]	2/20/2023 3:48:23PI
	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2350072-BLK1)							Prepared: 1	2/14/23 Aı	nalyzed: 12/15/23
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	45.0		50.0		89.9	50-200			
LCS (2350072-BS1)							Prepared: 1	2/14/23 A1	nalyzed: 12/15/23
Diesel Range Organics (C10-C28)	228	25.0	250		91.3	38-132			
urrogate: n-Nonane	42.9		50.0		85.8	50-200			
Matrix Spike (2350072-MS1)				Source:	E312075-	05	Prepared: 1	2/14/23 Aı	nalyzed: 12/18/23
Diesel Range Organics (C10-C28)	684	25.0	250	398	114	38-132			
urrogate: n-Nonane	44.1		50.0		88.2	50-200			
Matrix Spike Dup (2350072-MSD1)				Source:	E312075-	05	Prepared: 1	2/14/23 A1	nalyzed: 12/15/23
Diesel Range Organics (C10-C28)	657	25.0	250	398	104	38-132	3.95	20	
'urrogate: n-Nonane	45.9		50.0		91.7	50-200			

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		VP SWD #001 .058-0007	l				Reported:	
Artesia NM, 88210		Project Manager:		shley Gioveng	go				12/20/2023 3:48:231	PM
		Anions	by EPA 3	300.0/9056 <i>A</i>	4				Analyst: BA	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2351045-BLK1)							Prepared:	12/19/23	Analyzed: 12/20/23	
Chloride	ND	20.0								
LCS (2351045-BS1)							Prepared:	12/19/23	Analyzed: 12/20/23	
Chloride	256	20.0	250		102	90-110				
Matrix Spike (2351045-MS1)				Source:	E312127-0)1	Prepared:	12/19/23	Analyzed: 12/20/23	
Chloride	257	20.0	250	ND	103	80-120				
Matrix Spike Dup (2351045-MSD1)				Source:	E312127-0)1	Prepared:	12/19/23	Analyzed: 12/20/23	
Chloride	264	20.0	250	ND	106	80-120	2.79	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

ſ	Devon Energy - Carlsbad	Project Name:	LVP SWD #001	
1	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
1	Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/20/23 15:48

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.



PA P	rogra	m
WA	SD	WA
	RC	RA
ate		
AZ	TX	
narks		

Client: [Devon					Bill To				Lab	Us	e Onl	У	**			TA	AT	EPA P	rogram
Project:	LVP SWD #001				At	tention: Dale Woodall		Lab V	VO#			Job N			1D	2D	3D	Standard	CWA	SDWA
Project N	Manager: Ashle	ey Giover	go		Ac	dress: 205 E Bender Road #	[‡] 150	E3	20	BU	0	20105	361	F000		0		х		
Address	3122 Nationa	l Parks H	WY		Cit	ty, State, Zip: Hobbs NM, 88	3240				_		_	d Metho	d	•				RCRA
1000	te, Zip: Carlsba	27 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10.000			ione: (575)748-1838		1	2											
Phone:	575-988-0055					nail: dale.woodall@dvn.cor	n	Oak	2										State	
Email: a	giovengo@ens	olum.cor	n						5	4			0.	- b -	Z			NM CO	UT AZ	TX
Report d	lue by:							80/6	10/0	802	3260	010	300				¥	×		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number	LDH GB	8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC		GDOC		Remarks	3
10:10	12/11/2023	Soil	1 Jar			SS02 - 0'	1								х					
									-											
							<u> </u>			1				-						
									-	+		-	-			-				
								\vdash	-	+	-	-	+	+						
										+			+							
									+	+		1								
Addition	al Instructions:	Please	CC: cbur	ton@ensolu	m.com, a	giovengo@ensolum.com, j	m.raley@dvn.	com, c	ham	ilton	@ei	nsolu	m.cc	om						
	oler), attest to the va					t tampering with or intentionally misla		ocation,			- 1							ceived on ice the day less than 6 °C on sub		pled or
2.4	ed by: (Signature)		Date	Tim		Received by: (Signature)	Date 12-12-	27	ime 	05		Recei	ived	on ice:		ab U	se On	ily		
Mid		yl.		1223 1	545	Received by/(Signature)	la/B	23		00		<u>T1</u>			T2			<u>T3</u>		
Relinquishe	ed by: (Signature)	V	Date	Time	е	Received by: (Signalure)	Date	Т	ime			AVG	Tem	p°C_L	+					
		, Sg - Sludge					Containe					_			-	_				



e client expense. The report for the analysis of the above

envirotech

envirotech Inc.

Printed: 12/13/2023 4:50:38PM

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:	12/13/23 13	3:00	Work Order ID:	E312086
Phone:	(505) 382-1211	Date Logged In:	12/12/23 13	3:59	Logged In By:	Jordan Montano
Email:	ashley.giovengo@wescominc.com	Due Date:	12/20/23 1	7:00 (5 day TAT)		
Chain of	Custody (COC)					
	he sample ID match the COC?		Yes			
	he number of samples per sampling site location man	tch the COC	Yes			
3. Were	samples dropped off by client or carrier?		Yes	Carrier: Courie	er	
4. Was th	ne COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes		_	
5. Were	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 disucssion.	•	Yes		<u>Commen</u>	ts/Resolution
	Turn Around Time (TAT)		37			
	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample			3.7			
	sample cooler received? was cooler received in good condition?		Yes			
• •	v		Yes			
	ne sample(s) received intact, i.e., not broken?		Yes			
	custody/security seals present?		No			
	s, were custody/security seals intact?		NA			
	he sample received on ice? If yes, the recorded temp is 4°C, 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			
Sample	<u>Container</u>	_				
	iqueous VOC samples present?		No			
15. Are \	VOC samples collected in VOA Vials?		NA			
16. Is the	e head space less than 6-8 mm (pea sized or less)?		NA			
17. Was	a trip blank (TB) included for VOC analyses?		NA			
18. Are 1	non-VOC samples collected in the correct containers	?	Yes			
19. Is the	appropriate volume/weight or number of sample contain	ners collected?	Yes			
Field La	<u>bel</u>					
	field sample labels filled out with the minimum info	ormation:				
	Sample ID?		Yes			
	Date/Time Collected? Collectors name?		Yes			
	Preservation		Yes			
	the COC or field labels indicate the samples were pr	reserved?	No			
	sample(s) correctly preserved?		NA			
	o filteration required and/or requested for dissolved n	netals?	No			
Multiph	ase Sample Matrix					
	the sample have more than one phase, i.e., multipha	se?	No			
	s, does the COC specify which phase(s) is to be analy		NA			
	ract Laboratory		1112			
	ract Laboratory camples required to get sent to a subcontract laborato	m19	No			
	a subcontract laboratory specified by the client and is	-		Subcontract Lab: NA		
		. 50 11101	1112	Subcontract East. 1471		
Client I	<u>nstruction</u>					
						0

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





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Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: LVP SWD #001

Work Order: E312087

Job Number: 01058-0007

Received: 12/13/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 12/20/23

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

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

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

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

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

Date Reported: 12/20/23

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: LVP SWD #001

Workorder: E312087

Date Received: 12/13/2023 1:00:00PM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/13/2023 1:00:00PM, 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

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Sample Summary

Devon Energy - Carlsbad	Project Name:	LVP SWD #001	Denouted
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/20/23 15:49

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
SS01-0'	E312087-01A Soil	12/11/23	12/13/23	Glass Jar, 2 oz.
SS03-0'	E312087-02A Soil	12/11/23	12/13/23	Glass Jar, 2 oz.
SS04-0'	E312087-03A Soil	12/11/23	12/13/23	Glass Jar, 2 oz.
BH01-0'	E312087-04A Soil	12/11/23	12/13/23	Glass Jar, 2 oz.
BH02-0'	E312087-05A Soil	12/11/23	12/13/23	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	12/20/2023 3:49:17PM

SS01-0' E312087-01

		E31208/-01				
Analyte	Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: RKS		Batch: 2350076
Benzene	ND	0.0250	1	12/14/23	12/17/23	
Ethylbenzene	ND	0.0250	1	12/14/23	12/17/23	
Toluene	ND	0.0250	1	12/14/23	12/17/23	
o-Xylene	ND	0.0250	1	12/14/23	12/17/23	
p,m-Xylene	ND	0.0500	1	12/14/23	12/17/23	
Total Xylenes	ND	0.0250	1	12/14/23	12/17/23	
Surrogate: 4-Bromochlorobenzene-PID		81.6 %	70-130	12/14/23	12/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: RKS		Batch: 2350076
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/23	12/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.5 %	70-130	12/14/23	12/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KM		Batch: 2350074
Diesel Range Organics (C10-C28)	ND	25.0	1	12/14/23	12/15/23	
Oil Range Organics (C28-C36)	52.5	50.0	1	12/14/23	12/15/23	
Surrogate: n-Nonane		99.7 %	50-200	12/14/23	12/15/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2351045
Chloride	627	20.0	1	12/19/23	12/20/23	



Devon Energy - Carlsbad	Project Name:	LVP SWD #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/20/2023 3:49:17PM

SS03-0'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: RKS		Batch: 2350076
Benzene	ND	0.0250	1	12/14/23	12/17/23	
Ethylbenzene	ND	0.0250	1	12/14/23	12/17/23	
Toluene	ND	0.0250	1	12/14/23	12/17/23	
o-Xylene	ND	0.0250	1	12/14/23	12/17/23	
p,m-Xylene	ND	0.0500	1	12/14/23	12/17/23	
Total Xylenes	ND	0.0250	1	12/14/23	12/17/23	
Surrogate: 4-Bromochlorobenzene-PID		76.4 %	70-130	12/14/23	12/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RKS		Batch: 2350076
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/23	12/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.9 %	70-130	12/14/23	12/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2350074
Diesel Range Organics (C10-C28)	ND	25.0	1	12/14/23	12/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/14/23	12/15/23	
Surrogate: n-Nonane		98.0 %	50-200	12/14/23	12/15/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	g Analyst: BA			Batch: 2351045



Devon Energy - Carlsbad	Project Name:	LVP SWD #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/20/2023 3:49:17PM

SS04-0'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: RKS		Batch: 2350076
Benzene	ND	0.0250	1	12/14/23	12/17/23	
Ethylbenzene	ND	0.0250	1	12/14/23	12/17/23	
Toluene	ND	0.0250	1	12/14/23	12/17/23	
o-Xylene	ND	0.0250	1	12/14/23	12/17/23	
p,m-Xylene	ND	0.0500	1	12/14/23	12/17/23	
Total Xylenes	ND	0.0250	1	12/14/23	12/17/23	
Surrogate: 4-Bromochlorobenzene-PID		82.3 %	70-130	12/14/23	12/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RKS		Batch: 2350076
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/23	12/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.4 %	70-130	12/14/23	12/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2350074
Diesel Range Organics (C10-C28)	ND	25.0	1	12/14/23	12/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/14/23	12/16/23	
Surrogate: n-Nonane		102 %	50-200	12/14/23	12/16/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: BA		Batch: 2351045
	303	20.0	1	12/19/23	12/20/23	•



Devon Energy - Carlsbad	Project Name:	LVP SWD #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/20/2023 3:49:17PM

BH01-0'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: RKS		Batch: 2350076
Benzene	ND	0.0250	1	12/14/23	12/17/23	
Ethylbenzene	ND	0.0250	1	12/14/23	12/17/23	
Toluene	ND	0.0250	1	12/14/23	12/17/23	
o-Xylene	ND	0.0250	1	12/14/23	12/17/23	
p,m-Xylene	ND	0.0500	1	12/14/23	12/17/23	
Total Xylenes	ND	0.0250	1	12/14/23	12/17/23	
Surrogate: 4-Bromochlorobenzene-PID		83.1 %	70-130	12/14/23	12/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2350076
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/23	12/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.9 %	70-130	12/14/23	12/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2350074
Diesel Range Organics (C10-C28)	ND	25.0	1	12/14/23	12/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/14/23	12/16/23	
Surrogate: n-Nonane		100 %	50-200	12/14/23	12/16/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: BA		Batch: 2351045
	9860	200	10	12/19/23	12/20/23	



Devon Energy - Carlsbad	Project Name:	LVP SWD #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/20/2023 3:49:17PM

BH02-0'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: RKS		Batch: 2350076
Benzene	ND	0.0250	1	12/14/23	12/17/23	
Ethylbenzene	ND	0.0250	1	12/14/23	12/17/23	
Toluene	ND	0.0250	1	12/14/23	12/17/23	
o-Xylene	ND	0.0250	1	12/14/23	12/17/23	
p,m-Xylene	ND	0.0500	1	12/14/23	12/17/23	
Total Xylenes	ND	0.0250	1	12/14/23	12/17/23	
Surrogate: 4-Bromochlorobenzene-PID		84.0 %	70-130	12/14/23	12/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: RKS		Batch: 2350076
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/23	12/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.5 %	70-130	12/14/23	12/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: KM		Batch: 2350074
Diesel Range Organics (C10-C28)	ND	25.0	1	12/14/23	12/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/14/23	12/16/23	
Surrogate: n-Nonane		99.9 %	50-200	12/14/23	12/16/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2351045	
Chloride	13700	200	10	12/19/23	12/20/23	



Devon Energy - Carlsbad LVP SWD #001 Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Ashley Giovengo 12/20/2023 3:49:17PM **Volatile Organics by EPA 8021B** Analyst: RKS Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2350076-BLK1) Prepared: 12/14/23 Analyzed: 12/15/23 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.64 8.00 95.5 70-130 LCS (2350076-BS1) Prepared: 12/14/23 Analyzed: 12/15/23 4.90 98.0 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.72 0.0250 5.00 94.4 70-130 4.90 0.0250 5.00 98.0 70-130 Toluene o-Xylene 4.83 0.0250 5.00 96.7 70-130 9.76 10.0 97.6 70-130 0.0500 p.m-Xvlene 97.3 70-130 14.6 15.0 Total Xylenes 0.0250 8.00 96.5 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.72 Source: E312087-02 Matrix Spike (2350076-MS1) Prepared: 12/14/23 Analyzed: 12/19/23 5.00 0.0250 5.00 ND 54-133 Benzene ND 97.0 61-133 Ethylbenzene 4.85 0.0250 5.00 Toluene 5.02 0.0250 5.00 ND 100 61-130 ND 99.1 63-131 4.96 5.00 0.0250 o-Xylene p,m-Xylene 10.0 0.0500 10.0 ND 100 63-131 15.0 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.62 8.00 Matrix Spike Dup (2350076-MSD1) Source: E312087-02 Prepared: 12/14/23 Analyzed: 12/17/23 4.99 0.0250 5.00 ND 99.7 54-133 0.217 20 4.73 61-133 2.49 0.0250 5.00 ND 94.6 20 Ethylbenzene 61-130 Toluene 4 96 0.0250 5.00 ND 99 2 1.21 20 4.80 5.00 ND 96.0 63-131 3.25 20 o-Xylene 0.0250 97.3 9.73 10.0 ND 63-131 3.05 20 p,m-Xylene 0.0500



14.5

6.15

0.0250

15.0

8.00

ND

96.9

76.9

63-131

70-130

3.12

20

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Devon Energy - Carlsbad	Project Name:	LVP SWD #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	·
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/20/2023 3:49:17PM

Artesia NM, 88210		Project Manager		shley Giovens	go			12	2/20/2023 3:49:17P
	Non	halogenated	Organics l	by EPA 80	15D - Gl	RO			Analyst: RKS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2350076-BLK1)							Prepared: 12	2/14/23 Ana	alyzed: 12/15/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.97		8.00		87.2	70-130			
LCS (2350076-BS2)							Prepared: 12	2/14/23 Ana	alyzed: 12/19/23
Gasoline Range Organics (C6-C10)	47.4	20.0	50.0		94.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.09		8.00		88.6	70-130			
Matrix Spike (2350076-MS2)				Source:	E312087-	02	Prepared: 12	2/14/23 Ana	alyzed: 12/17/23
Gasoline Range Organics (C6-C10)	40.5	20.0	50.0	ND	81.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.17		8.00		89.6	70-130			
Matrix Spike Dup (2350076-MSD2)				Source:	E312087-	02	Prepared: 12	2/14/23 Ana	alyzed: 12/17/23
Gasoline Range Organics (C6-C10)	40.9	20.0	50.0	ND	81.8	70-130	0.891	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.09		8.00		88.6	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	12/20/2023 3:49:17PM

Artesia NM, 88210		Project Manage	r: As	niey Gioveng	go				12/20/2023 3:49:17P
	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2350074-BLK1)							Prepared: 1	2/14/23	Analyzed: 12/15/23
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	51.5		50.0		103	50-200			
LCS (2350074-BS1)							Prepared: 1	2/14/23	Analyzed: 12/15/23
Diesel Range Organics (C10-C28)	271	25.0	250		108	38-132			
urrogate: n-Nonane	50.8		50.0		102	50-200			
Matrix Spike (2350074-MS1)				Source:	E312072-	04	Prepared: 1	2/14/23	Analyzed: 12/15/23
Diesel Range Organics (C10-C28)	294	25.0	250	31.0	105	38-132			
urrogate: n-Nonane	49.4		50.0		98.8	50-200			
Matrix Spike Dup (2350074-MSD1)				Source:	E312072-	04	Prepared: 1	2/14/23	Analyzed: 12/15/23
Diesel Range Organics (C10-C28)	301	25.0	250	31.0	108	38-132	2.25	20	
Surrogate: n-Nonane	50.4		50.0		101	50-200			

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		VP SWD #001 1058-0007					Reported:
Artesia NM, 88210		Project Manager	: A	shley Gioveng	go				12/20/2023 3:49:17PM
		Anions	by EPA	300.0/9056 <i>A</i>	A				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limi	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2351045-BLK1)							Prepared:	12/19/23	Analyzed: 12/20/23
Chloride	ND	20.0							
LCS (2351045-BS1)							Prepared:	12/19/23	Analyzed: 12/20/23
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2351045-MS1)				Source:	E312127-0)1	Prepared:	12/19/23	Analyzed: 12/20/23
Chloride	257	20.0	250	ND	103	80-120			
Matrix Spike Dup (2351045-MSD1)				Source:	E312127-0)1	Prepared:	12/19/23	Analyzed: 12/20/23
Chloride	264	20.0	250	ND	106	80-120	2.79	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	12/20/23 15:49

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.



CWA SDWA
RCRA
tate
T AZ TX

Client: [Devon				Bill To			L	ab U	se Or	nly				T	AT	EPA P	rogram
Project:	LVP SWD #001				Attention: Dale Woodall		Lab WC)# _	_	Job Number			1D 2		3D	Standard	CWA	SDWA
Project N	Manager: Ashle	ey Giover	igo		Address: 205 E Bender Road #1	.50	E3\2	OK	5+	OIC	56	-000-				X		
Address	: 3122 Nationa	Parks H	wy		City, State, Zip: Hobbs NM, 882	40				Analy	/sis a	nd Metho	d					RCRA
City, Sta	te, Zip: Carlsba	d NM, 88	3220		Phone: (575)748-1838		ρχ											
Phone:	575-988-0055				Email: dale.woodall@dvn.com		ORO	1									State	
Email: a	giovengo@ens	olum.con	n				30/0	н		_	0.0		NZ		_	NM CO	UT AZ	TX
Report o	lue by:						Id/o	802	826	6010	e 300				X	×		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	TPH GRO/DRO/ORO by	8015 BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC		GDOC		Remarks	i -
9:22	12/11/2023	Soil	1 Jar		SS01 - 0'	1							х					
9:26	12/11/2023	Soil	1 Jar		SS03 - 0'	2							х					
9:30	12/11/2023	Soil	1 Jar		SS04 - 0'	3							х					
9:27	12/11/2023	Soil	1 Jar		BH01 - 0'	4							х					
9:33	12/11/2023	Soil	1 Jar		BH02 - 0'	5							х					
									-									
								H										
Addition	al Instructions:	Please	CC: cbui	rton@ensolum.c	om, agiovengo@ensolum.com, jin	n.raley@dvn.	com, cha	milto	on@e	nsol	um.c	om		-				
				of this sample. I am aw	are that tampering with or intentionally mislabe		cation,			1000000						ceived on ice the day less than 6 °C on sub-		oled or
Zel	ed by: (Signature)	t	Date 2		Received by: (Signature)	Date 12-12-		110	5	Rece	eived	I on ice:	_	ab Us	se On	ly		
will		nh	Date 12	12-23 154		Date 12:12:		30	0	T1			T2			T3		
Relinquish	ed by: (Signature)	y	Date	Time	Received by: (Signaturd)	Date	Time	2		AVG	Ten	np°C_	+					
		Ca Chadas	A - Aqueou	o Othor		Containe	T	1.	1.5		1				110			



e client expense. The report for the analysis of the above

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Page 15 of 16

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Printed: 12/13/2023 4:47:16PM

envirotech Inc.

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:	12/13/23	13:00		Work Order ID:	E312087
Phone:	(505) 382-1211	Date Logged In:	12/12/23	14:00		Logged In By:	Jordan Montano
Email:	ashley.giovengo@wescominc.com	Due Date:	12/20/23	17:00 (5 day TAT)			
Chain of	Custody (COC)						
	he sample ID match the COC?		Yes				
2. Does th	he number of samples per sampling site location mat	ch the COC	Yes				
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: Co	<u>ourier</u>		
4. Was th	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes				
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted ir i.e, 15 minute hold time, are not included in this disucssion		Yes	_		Comment	s/Resolution
Sample 7	Turn Around Time (TAT)						
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				
	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				
	te 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				
Sample C	<u>Container</u>						
14. Are a	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 n	on-VOC samples collected in the correct containers	?	Yes				
19. Is the	appropriate volume/weight or number of sample contain	ners collected?	Yes				
Field Lal	<u>bel</u>						
	field sample labels filled out with the minimum info	rmation:					
	ample ID?		Yes				
	Date/Time Collected? Collectors name?		Yes Yes				
	Preservation		103				
	the COC or field labels indicate the samples were pr	eserved?	No				
	ample(s) correctly preserved?		NA				
	filteration required and/or requested for dissolved m	netals?	No				
Multinha	ase Sample Matrix						
_	the sample have more than one phase, i.e., multipha	se?	No				
	, does the COC specify which phase(s) is to be analy		NA				
	eact Laboratory		1112				
	amples required to get sent to a subcontract laborator	m./9	No				
	amples required to get sent to a subcontract laborator	-	NA	Subcontract Lab:	· NI A		
	• • •	30 WIIO:	1421	Subcontract Lab.	. IVA		
Client II	<u>nstruction</u>						
							0

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





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Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: LVP SWD #001

Work Order: E312118

Job Number: 01058-0007

Received: 12/18/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 12/22/23

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

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

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

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

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

Date Reported: 12/22/23

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: LVP SWD #001

Workorder: E312118

Date Received: 12/18/2023 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/18/2023 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

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Sample Summary

Devon Energy - Carlsbad	Project Name:	LVP SWD #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	Keporteu:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/22/23 14:00

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01-1'	E312118-01A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
BH01-2'	E312118-02A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
BH02-1'	E312118-03A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
BH02-2'	E312118-04A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
BH02-2.5'	E312118-05A	Soil	12/14/23	12/18/23	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	12/22/2023 2:00:13PM

BH01-1' E312118-01

		E312110-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2351017
Benzene	ND	0.0250	1	12/18/23	12/19/23	
Ethylbenzene	ND	0.0250	1	12/18/23	12/19/23	
Coluene	ND	0.0250	1	12/18/23	12/19/23	
-Xylene	ND	0.0250	1	12/18/23	12/19/23	
o,m-Xylene	ND	0.0500	1	12/18/23	12/19/23	
Total Xylenes	ND	0.0250	1	12/18/23	12/19/23	
Surrogate: 4-Bromochlorobenzene-PID		94.1 %	70-130	12/18/23	12/19/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2351017
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/23	12/19/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.4 %	70-130	12/18/23	12/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2351054
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/20/23	12/20/23	
Surrogate: n-Nonane		89.7 %	50-200	12/20/23	12/20/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2351062
Chloride	656	20.0	1	12/20/23	12/20/23	
			Ana 1		12/20/23	Batch: 2



Devon Energy - Carlsbad	Project Name:	LVP SWD #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/22/2023 2:00:13PM

BH01-2'

E312118-02

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2351017
Benzene	ND	0.0250	1	12/18/23	12/19/23	
Ethylbenzene	ND	0.0250	1	12/18/23	12/19/23	
Toluene	ND	0.0250	1	12/18/23	12/19/23	
o-Xylene	ND	0.0250	1	12/18/23	12/19/23	
p,m-Xylene	ND	0.0500	1	12/18/23	12/19/23	
Total Xylenes	ND	0.0250	1	12/18/23	12/19/23	
Surrogate: 4-Bromochlorobenzene-PID		94.9 %	70-130	12/18/23	12/19/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2351017
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/23	12/19/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.0 %	70-130	12/18/23	12/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2351054
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/20/23	12/20/23	
Surrogate: n-Nonane		87.4 %	50-200	12/20/23	12/20/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2351062
					12/20/23	



Devon Energy - Carlsbad	Project Name:	LVP SWD #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/22/2023 2:00:13PM

BH02-1'

E31	211	8-03

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: RKS		Batch: 2351017
Benzene	ND	0.0250	1	12/18/23	12/19/23	
Ethylbenzene	ND	0.0250	1	12/18/23	12/19/23	
Toluene	ND	0.0250	1	12/18/23	12/19/23	
o-Xylene	ND	0.0250	1	12/18/23	12/19/23	
p,m-Xylene	ND	0.0500	1	12/18/23	12/19/23	
Total Xylenes	ND	0.0250	1	12/18/23	12/19/23	
Surrogate: 4-Bromochlorobenzene-PID		94.9 %	70-130	12/18/23	12/19/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2351017
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/23	12/19/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.3 %	70-130	12/18/23	12/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2351054
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/20/23	12/20/23	
Surrogate: n-Nonane		87.8 %	50-200	12/20/23	12/20/23	
	mg/kg	mg/kg	Analy	st: IY		Batch: 2351062
Anions by EPA 300.0/9056A	mg ng	mg ng				



Devon Energy - Carlsbad	Project Name:	LVP SWD #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/22/2023 2:00:13PM

BH02-2'

E312118-04

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2351017
Benzene	ND	0.0250	1	12/18/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/18/23	12/20/23	
Toluene	0.0272	0.0250	1	12/18/23	12/20/23	
o-Xylene	ND	0.0250	1	12/18/23	12/20/23	
p,m-Xylene	0.0592	0.0500	1	12/18/23	12/20/23	
Total Xylenes	0.0592	0.0250	1	12/18/23	12/20/23	
Surrogate: 4-Bromochlorobenzene-PID		92.9 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2351017
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/23	12/20/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.2 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2351054
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/20/23	12/20/23	
Surrogate: n-Nonane		86.5 %	50-200	12/20/23	12/20/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2351062



Devon Energy - Carlsbad	Project Name:	LVP SWD #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/22/2023 2:00:13PM

BH02-2.5'

E312118-05

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: RKS		Batch: 2351017
Benzene	ND	0.0250	1	12/18/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/18/23	12/20/23	
Toluene	ND	0.0250	1	12/18/23	12/20/23	
o-Xylene	ND	0.0250	1	12/18/23	12/20/23	
p,m-Xylene	ND	0.0500	1	12/18/23	12/20/23	
Total Xylenes	ND	0.0250	1	12/18/23	12/20/23	
Surrogate: 4-Bromochlorobenzene-PID		92.8 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: RKS		Batch: 2351017
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/23	12/20/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.1 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KM		Batch: 2351054
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/20/23	12/20/23	
Surrogate: n-Nonane		85.6 %	50-200	12/20/23	12/20/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2351062
-	1800	40.0	2	12/20/23	12/20/23	·



Devon Energy - Carlsbad LVP SWD #001 Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Ashley Giovengo 12/22/2023 2:00:13PM **Volatile Organics by EPA 8021B** Analyst: RKS Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2351017-BLK1) Prepared: 12/18/23 Analyzed: 12/19/23 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.58 8.00 94.8 70-130 LCS (2351017-BS1) Prepared: 12/18/23 Analyzed: 12/19/23 5.04 5.00 101 70-130 Benzene 0.0250 Ethylbenzene 4.87 0.0250 5.00 97.5 70-130 5.06 0.0250 5.00 101 70-130 Toluene 99.9 o-Xylene 4.99 0.0250 5.00 70-130 10.1 10.0 101 70-130 0.0500 p.m-Xvlene 101 70-130 15.1 15.0 Total Xylenes 0.0250 8.00 95.9 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.67 Matrix Spike (2351017-MS1) Source: E312118-01 Prepared: 12/18/23 Analyzed: 12/19/23 5.14 0.0250 5.00 ND 54-133 Benzene ND 99.5 61-133 Ethylbenzene 4.98 0.0250 5.00 Toluene 5.16 0.0250 5.00 ND 103 61-130 ND 102 63-131 5.10 5.00 0.0250 o-Xylene p,m-Xylene 10.3 0.0500 10.0 ND 103 63-131 15.4 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.60 8.00 Matrix Spike Dup (2351017-MSD1) Source: E312118-01 Prepared: 12/18/23 Analyzed: 12/19/23 4.98 0.0250 5.00 ND 99.7 54-133 3.15 20 ND 61-133 4.83 0.0250 5.00 96.6 3.00 20 Ethylbenzene Toluene 5.01 0.0250 5.00 ND 100 61-130 3.04 20 4.95 5.00 ND 98.9 63-131 3.04 20 o-Xylene 0.0250 9.98 10.0 ND 99.8 63-131 3.01 20 p,m-Xylene 0.0500



14.9

7.62

0.0250

15.0

8.00

ND

99.5

95.3

63-131

70-130

3.02

20

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Devon Energy - Carlsbad	Project Name:	LVP SWD #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	-
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/22/2023 2:00:13PM

Artesia NM, 88210		Project Manage	r: As	hley Gioven	go			1	2/22/2023 2:00:13Pl
Nonhalogenated Organics by EPA 8015D - GRO									Analyst: RKS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2351017-BLK1)							Prepared: 1	2/18/23 An	nalyzed: 12/19/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.95		8.00		86.9	70-130			
LCS (2351017-BS2)							Prepared: 1	2/18/23 An	nalyzed: 12/19/23
Gasoline Range Organics (C6-C10)	46.7	20.0	50.0		93.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.05		8.00		88.1	70-130			
Matrix Spike (2351017-MS2)				Source:	E312118-0)1	Prepared: 1	2/18/23 An	nalyzed: 12/19/23
Gasoline Range Organics (C6-C10)	46.9	20.0	50.0	ND	93.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.06		8.00		88.3	70-130			
Matrix Spike Dup (2351017-MSD2)				Source:	E312118-0)1	Prepared: 1	2/18/23 An	nalyzed: 12/19/23
Gasoline Range Organics (C6-C10)	45.3	20.0	50.0	ND	90.6	70-130	3.47	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.04		8.00		88.0	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	12/22/2023 2:00:13PM

Artesia NM, 88210		Project Manager	r: As	hley Gioveng	go				12/22/2023 2:00:13P
	Nonha	logenated Or	ganics by l	EPA 8015I	D - DRO	ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2351054-BLK1)							Prepared: 1	2/20/23 A	nalyzed: 12/20/23
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	42.9		50.0		85.9	50-200			
LCS (2351054-BS1)							Prepared: 1	2/20/23 A	nalyzed: 12/20/23
Diesel Range Organics (C10-C28)	255	25.0	250		102	38-132			
urrogate: n-Nonane	43.4		50.0		86.8	50-200			
Matrix Spike (2351054-MS1)				Source: E312118-03		Prepared: 12/20/23 Analyzed: 12/20/23		nalyzed: 12/20/23	
Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.7	38-132			
urrogate: n-Nonane	44.0		50.0		88.0	50-200			
Matrix Spike Dup (2351054-MSD1)				Source:	E312118-0)3	Prepared: 1	2/20/23 A	nalyzed: 12/20/23
Diesel Range Organics (C10-C28)	252	25.0	250	ND	101	38-132	1.02	20	
urrogate: n-Nonane	43.8		50.0		87.6	50-200			

Chloride

Chloride

Matrix Spike Dup (2351062-MSD1)

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number Project Manager	: 0	VP SWD #001 1058-0007 ashley Gioveng				1	Reported: 2/22/2023 2:00:13PM	
Anions by EPA 300.0/9056A Analyst: Γ									Analyst: IY	
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes	
Blank (2351062-BLK1)							Prepared: 1	2/20/23 An	nalyzed: 12/20/23	
Chloride	ND	20.0								
LCS (2351062-BS1)							Prepared: 1	2/20/23 An	nalyzed: 12/20/23	
Chloride	248	20.0	250		99.2	90-110				
Matrix Spike (2351062-MS1)				Source:	Source: E312118-01			Prepared: 12/20/23 Analyzed: 12/21/23		

250

250

20.0

20.0

656

656

95.5

105

Source: E312118-01

80-120

80-120

2.50

Prepared: 12/20/23 Analyzed: 12/21/23

20

895

918

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	12/22/23 14:00

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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VΑ	-	SD	WA	-
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A	Z	TX		-
narl	(S			

Client: D	Devon				Bill To			13	ab U	se On	lv		TAT				EPA P	rogram
	LVP SWD #001				Attention: Dale Woodall		Lab WO					1	1D 2D 3D Standard		CWA	SDW		
Project N	Manager: Ashle	ey Giover	ngo		Address: 205 E Bender Ro	ad #150	Lab WO	115	8	Job Number						X		
Address:	3122 Nationa	I Parks H	wy		City, State, Zip: Hobbs NN	1, 88240				Analy	sis and Meth	nod				1		RCR
City, Stat	e, Zip: Carlsba	d NM, 88	3220		Phone: (575)748-1838		þý					\Box						
	575-988-0055				Email: dale.woodall@dvn	.com	ORO										State	
	giovengo@ens	olum.cor	n				RO/(1			300.0		Σ	\ ×		NM CO	UT AZ	TX
Report d	ue by:						0/0	/ 802	826	9109	9 300	- 1		×		×		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	TPH GRO/DRO/ORO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride		BGDOC	GDOC			Remarks	
9:48	12/14/2023	Soil	1 Jar		BH01 - 1'								х					
10:02	12/14/2023	Soil	1 Jar		BH01 - 2'	2						1	х					
9:03	12/14/2023	Soil	1 Jar		BH02 - 1'	3						1	х					
9:18	12/14/2023	Soil	1 Jar		BH02 - 2'	4						1	х					
10:45	12/14/2023	Soil	1 Jar		BH02 - 2.5'	5						T	х					
				11									1					
												T	T					
												T	1	T				
												T			П			
Addition	al Instructions:	Please	CC: cbur	ton@ensolum.	com, agiovengo@ensolum.co	m, dale.woodall@d	dvn.com,	chan	nilto	n@er	nsolum.com	ı, eh	aft@	ensolu	um.co	om		
					ware that tampering with or intentionally		ocation,				s requiring therma					The Lot of the Late		led or
				grounds for legal ac			Time	1						Jse Or				_
~	1	4		-15-23 Time	1 CVP	12.15	23	0	0	Rece	ived on ice:		P)/		ily			
Relinguishe	d by: (Signature)		Pate	1523 15	Received by (Signature)	Date 12 18	23 Time	B	0	T1		I	2			T3		
Relinquishe	ed by: (Signature)		Date	Time	Received by: (Signature)	Date	Time			AVG	Temp °C	4						
	ix: S - Soil, Sd - Solid	C- Cl.,-					Type: g -	-1					_					



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Page 74 of 116

Printed: 12/18/2023 8:37:24AM

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.

Chain of Custod Does the samp Does the numb Were samples Was the COC Were all samp Note: i.e, 15 Sample Turn Ar	.giovengo@wescominc.com	Due Date:	12/18/23 12/27/23 Yes Yes Yes Yes	08:35 17:00 (5 day TAT) Carrier: <u>Courier</u>	Logged In By:	Alexa Michaels	
Chain of Custod Does the samp Does the numb Were samples Was the COC Were all samp Note: i.e, 15 Sample Turn Ar	ly (COC) to le ID match the COC? the of samples per sampling site location match dropped off by client or carrier? complete, i.e., signatures, dates/times, request les received within holding time? Analysis, such as pH which should be conducted in	Due Date:	Yes Yes Yes				
 Does the samp Does the numb Were samples Was the COC Were all samp Note: i.e, 15 	be ID match the COC? per of samples per sampling site location match dropped off by client or carrier? complete, i.e., signatures, dates/times, request les received within holding time? Analysis, such as pH which should be conducted in		Yes Yes	Carrier: <u>Courier</u>			
 Does the samp Does the numb Were samples Was the COC Were all samp Note: i.e, 15 	be ID match the COC? per of samples per sampling site location match dropped off by client or carrier? complete, i.e., signatures, dates/times, request les received within holding time? Analysis, such as pH which should be conducted in		Yes Yes	Carrier: <u>Courier</u>			
 2. Does the number 3. Were samples 4. Was the COC 5. Were all sampones i.e., 15 Sample Turn Ar	per of samples per sampling site location mate dropped off by client or carrier? complete, i.e., signatures, dates/times, request les received within holding time? Analysis, such as pH which should be conducted in		Yes Yes	Carrier: <u>Courier</u>			
4. Was the COC 5. Were all samp Note: i.e, 15 Sample Turn Ar	complete, i.e., signatures, dates/times, request les received within holding time? Analysis, such as pH which should be conducted in	ed analyses?	Yes	Carrier: Courier			
5. Were all samp Note: i.e, 15 Sample Turn Ar	les received within holding time? Analysis, such as pH which should be conducted in	ed analyses?	Yes				
Note: . i.e, 15 Sample Turn Ar	Analysis, such as pH which should be conducted in						
Sample Turn Ar			Yes		<u>Commen</u>	ts/Resolution	
o. Dia inc coci	round Time (TAT) ndicate standard TAT, or Expedited TAT?	-	Yes				
Sample Cooler	national standard 1711, or Expedited 1711.		105				
7. Was a sample	cooler received?		Yes				
-	oler received in good condition?		Yes				
• •	e(s) received intact, i.e., not broken?		Yes				
-	//security seals present?		No				
•	custody/security seals intact?		No NA				
12. Was the sample Note: minute	e received on ice? If yes, the recorded temp is 4°C, i Thermal preservation is not required, if samples are es of sampling	received w/i 15	Yes				
13. If no visible i	ice, record the temperature. Actual sample t	emperature: 4°C					
Sample Contain	<u>er</u>						
-	VOC samples present?		No				
	nples collected in VOA Vials?		NA				
-	pace less than 6-8 mm (pea sized or less)?		NA				
-	ank (TB) included for VOC analyses?		NA				
	C samples collected in the correct containers?		Yes				
	iate volume/weight or number of sample containe	ers collected?	Yes				
Field Label							
20. Were field sa Sample I	mple labels filled out with the minimum infor	mation:	Yes				
•	ne Collected?		Yes				
Collector	rs name?		Yes				
Sample Preserva	ation_						
21. Does the CO	C or field labels indicate the samples were pre	eserved?	No				
	c) correctly preserved?		NA				
24. Is lab filterati	ion required and/or requested for dissolved me	etals?	No				
Multiphase Sam	-						
	ple have more than one phase, i.e., multiphase		No				
27. If yes, does the	he COC specify which phase(s) is to be analyze	zed?	NA				
Subcontract Lal	<u>boratory</u>						
28. Are samples	required to get sent to a subcontract laboratory	y?	No				
29. Was a subcor	ntract laboratory specified by the client and if	so who?	NA	Subcontract Lab: NA			
Client Instructi	ion_						

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





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Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: LVP SWD #001

Work Order: E312192

Job Number: 01058-0007

Received: 12/29/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 1/2/24

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

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

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

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

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

Date Reported: 1/2/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: LVP SWD #001

Workorder: E312192

Date Received: 12/29/2023 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/29/2023 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

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Sample Summary

Γ	Devon Energy - Carlsbad	Project Name:	Reported:	
ı	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
	Artesia NM, 88210	Project Manager:	Ashley Giovengo	01/02/24 15:29

Client Sample ID	Lab Sample ID Ma	atrix	Sampled	Received	Container
SS01A-0'	E312192-01A S	Soil	12/28/23	12/29/23	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	1/2/2024 3:29:55PM

SS01A-0' E312192-01

Result	Reporting Limit	Dilutior	n Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	alyst: EG		Batch: 2352034
ND	0.0250	1	12/29/23	12/29/23	
ND	0.0250	1	12/29/23	12/29/23	
ND	0.0250	1	12/29/23	12/29/23	
ND	0.0250	1	12/29/23	12/29/23	
ND	0.0500	1	12/29/23	12/29/23	
ND	0.0250	1	12/29/23	12/29/23	
	93.8 %	70-130	12/29/23	12/29/23	
mg/kg	mg/kg	Ana	alyst: EG		Batch: 2352034
ND	20.0	1	12/29/23	12/29/23	
	94.6 %	70-130	12/29/23	12/29/23	
mg/kg	mg/kg	Ana	alyst: KM		Batch: 2352035
ND	25.0	1	12/29/23	12/30/23	
ND	50.0	1	12/29/23	12/30/23	
	82.0 %	50-200	12/29/23	12/30/23	
mg/kg	mg/kg	Ana	alyst: DT		Batch: 2352028
206	20.0		12/28/23	12/29/23	
	mg/kg ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 20.0250 93.8 % mg/kg MD 20.0 94.6 % mg/kg ND 25.0 ND 50.0 82.0 %	Result Limit Dilution mg/kg mg/kg And ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 MD 0.0250 1 MD 20.0250 1 MB/kg mg/kg And MB/kg mg/kg And MB/kg mg/kg And ND 25.0 1 ND 50.0 1 82.0 % 50-200	Result Limit Dilution Prepared mg/kg mg/kg Analyst: EG ND 0.0250 1 12/29/23 ND 0.0250 1 12/29/23 ND 0.0250 1 12/29/23 ND 0.0500 1 12/29/23 ND 0.0250 1 12/29/23 ND 0.0250 1 12/29/23 mg/kg mg/kg Analyst: EG ND 20.0 1 12/29/23 mg/kg mg/kg Analyst: KM ND 25.0 1 12/29/23 ND 50.0 1 12/29/23 82.0 % 50-200 12/29/23	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: EG ND 0.0250 1 12/29/23 12/29/23 ND 0.0250 1 12/29/23 12/29/23 ND 0.0250 1 12/29/23 12/29/23 ND 0.0500 1 12/29/23 12/29/23 ND 0.0250 1 12/29/23 12/29/23 ND 0.0250 1 12/29/23 12/29/23 mg/kg mg/kg Analyst: EG ND 20.0 1 12/29/23 12/29/23 mg/kg mg/kg Analyst: EG ND 20.0 1 12/29/23 12/29/23 mg/kg mg/kg Analyst: KM ND 25.0 1 12/29/23 12/30/23 ND 50.0 1 12/29/23 12/30/23 ND 50.0 1 12/29/23 12/30/23 82.0 % 50-200



		QC Si	umma	ii y Data	1				
Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		VP SWD #001 1058-0007					Reported:
Artesia NM, 88210		Project Manager:	A	shley Gioveng	o				1/2/2024 3:29:55PM
		Volatile O	rganics b	oy EPA 802	1B				Analyst: EG
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2352034-BLK1)							Prepared: 12	2/29/23 A	Analyzed: 12/29/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Coluene	ND	0.0250							
-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
urrogate: 4-Bromochlorobenzene-PID	7.73		8.00		96.6	70-130			
LCS (2352034-BS1)							Prepared: 12	2/29/23 A	Analyzed: 12/29/23
Benzene	5.06	0.0250	5.00		101	70-130			
thylbenzene	5.03	0.0250	5.00		101	70-130			
oluene	5.08	0.0250	5.00		102	70-130			
-Xylene	5.06	0.0250	5.00		101	70-130			
,m-Xylene	10.2	0.0500	10.0		102	70-130			
Total Xylenes	15.3	0.0250	15.0		102	70-130			
urrogate: 4-Bromochlorobenzene-PID	7.63		8.00		95.3	70-130			
Matrix Spike (2352034-MS1)				Source:	E312189-	04	Prepared: 12	2/29/23 A	Analyzed: 12/29/23
Benzene	5.25	0.0250	5.00	ND	105	54-133			
thylbenzene	5.19	0.0250	5.00	ND	104	61-133			
oluene	5.25	0.0250	5.00	ND	105	61-130			
-Xylene	5.22	0.0250	5.00	ND	104	63-131			
,m-Xylene	10.6	0.0500	10.0	ND	106	63-131			
Total Xylenes	15.8	0.0250	15.0	ND	105	63-131			
urrogate: 4-Bromochlorobenzene-PID	7.76		8.00		97.0	70-130			
Matrix Spike Dup (2352034-MSD1)				Source:	E312189-	04	Prepared: 12	2/29/23 A	Analyzed: 12/29/23
Benzene	5.10	0.0250	5.00	ND	102	54-133	2.90	20	
Ethylbenzene	5.06	0.0250	5.00	ND	101	61-133	2.49	20	
Toluene	5.12	0.0250	5.00	ND	102	61-130	2.60	20	
-Xylene	5.09	0.0250	5.00	ND	102	63-131	2.48	20	
o,m-Xylene	10.3	0.0500	10.0	ND	103	63-131	2.22	20	
Total Vydamas	15.4	0.0250	15.0	ND	102	62 121	2 2 1	20	



15.4

7.78

0.0250

15.0

8.00

ND

103

97.2

63-131

70-130

2.31

20

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

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	1/2/2024 3:29:55PM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go				1/2/2024 3:29:55PM
Nonhalogenated Organics by EPA 8015D - GRO									Analyst: EG
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2352034-BLK1)							Prepared: 1	2/29/23 A	nalyzed: 12/29/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.44		8.00		93.0	70-130			
LCS (2352034-BS2)							Prepared: 1	2/29/23 A	nalyzed: 12/29/23
Gasoline Range Organics (C6-C10)	51.2	20.0	50.0		102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.62		8.00		95.2	70-130			
Matrix Spike (2352034-MS2)				Source:	E312189-	04	Prepared: 1	2/29/23 A	nalyzed: 12/29/23
Gasoline Range Organics (C6-C10)	50.3	20.0	50.0	ND	101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.51		8.00		93.8	70-130			
Matrix Spike Dup (2352034-MSD2)				Source:	E312189-	04	Prepared: 1	2/29/23 A	nalyzed: 12/29/23
Gasoline Range Organics (C6-C10)	50.5	20.0	50.0	ND	101	70-130	0.393	20	

8.00

7.58

94.7

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	1/2/2024 3:29:55PM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go				1/2/2024 3:29:55PM
	Nonhal	logenated Or	ganics by l	EPA 8015I	D - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2352035-BLK1)							Prepared: 1	2/29/23	Analyzed: 12/29/23
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	45.0		50.0		90.0	50-200			
LCS (2352035-BS1)							Prepared: 1	2/29/23	Analyzed: 12/29/23
Diesel Range Organics (C10-C28)	237	25.0	250		94.9	38-132			
urrogate: n-Nonane	45.4		50.0		90.9	50-200			
Matrix Spike (2352035-MS1)				Source:	E312193-	03	Prepared: 1	2/29/23	Analyzed: 12/29/23
Diesel Range Organics (C10-C28)	243	25.0	250	ND	97.0	38-132			
urrogate: n-Nonane	43.6		50.0		87.3	50-200			
Matrix Spike Dup (2352035-MSD1)				Source:	E312193-	03	Prepared: 1	2/29/23	Analyzed: 12/29/23
Diesel Range Organics (C10-C28)	245	25.0	250	ND	98.2	38-132	1.14	20	
urrogate: n-Nonane	47.3		50.0		94.6	50-200			



Chloride

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		VP SWD #001 01058-0007					Repor	ted:
Artesia NM, 88210		Project Manager:		Ashley Giovengo)				1/2/2024 3:	29:55PM
		Anions	by EPA	300.0/9056A					Analyst: I)T
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limi		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	No	otes
Blank (2352028-BLK1)							Prepared:	12/28/23	Analyzed: 12/	29/23
Chloride	ND	20.0								
LCS (2352028-BS1)							Prepared:	12/28/23	Analyzed: 12/	29/23
Chloride	254	20.0	250		102	90-110				
Matrix Spike (2352028-MS1)				Source: E	312192-	01	Prepared:	12/28/23	Analyzed: 12/	29/23
Chloride	465	20.0	250	206	104	80-120				
Matrix Spike Dup (2352028-MSD1)				Source: E	312192-	01	Prepared:	12/28/23	Analyzed: 12/	29/23

250

20.0

96.9

206

80-120

3.68

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

ſ	Devon Energy - Carlsbad	Project Name:	LVP SWD #001	
١	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
١	Artesia NM, 88210	Project Manager:	Ashley Giovengo	01/02/24 15:29

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Client: D	Pevon			100	Bill To				La	ab U	se Or	nly	N. Land			T	AT	EPA P	rogram
	LVP SWD #001				Attention: Dale Woodall		Lab	WO#	1		Job	Num	ber	1D	2D	3D	Standard	CWA	SDWA
	Aanager: Ashle		ngo		Address: 205 E Bender Road #15	50	F	312	19	V_			Caso-				x		1200
	3122 Nationa				City, State, Zip: Hobbs NM, 8824		-	740	-				nd Metho	d					RCRA
	e, Zip: Carlsba				Phone: (575)748-1838			λq						T					
	575-988-0055	a min o			Email: dale.woodall@dvn.com		1	RO		1								State	
	giovengo@ens	olum cor	n		Errian: daic.woodane dvii.com		1	0/0	3			0.		ΣN		1380	NM CC	UT AZ	TX
Report d		orann.cor						/DR	8021	1260	010	300				×	×		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number		TPH GRO/DRO/ORO by 8015	BTEX by 8	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC		GDOC		Remarks	
	12/20/2022				SS01A - 0'	1 tumber		F 80	ш	2	-	0			-	1			
9:25	12/28/2023	Soil	1 Jar		3301A - 0	1								X					
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0.1.1	11	DI	CCL		om, agiovengo@ensolum.com, dal	o weeds!!@	dun	com	chan	nilea	n@c	ncol	um com	oha	ft@a	nsolv	ım com		
Addition	al Instructions	Please	CC: cbui	ton@ensolum.c	om, agiovengo@ensoium.com, dai	e.woodan@i	uvn.	com,	Crian	iiito									
				f this sample. I am aw e grounds for legal acti	on. Sampled by: Cole Burton	ling the sample lo	ocatio	n,			2000	45,000					eceived on ice the day less than 6 °C on sub		ed or
	ed by: (Signature)		Date	128/23 10:	Received by: (Signature)	Date 12-28/	23	Time	02:	5	Rece	eived	d on ice:		ab U	se On	nly	W	
Relinquishe	ed by: (Signature)		Date	182) Time	Received by: (Signature)	Date 12.25		Time	30		T1						<u></u>		
Relinquishe	ed by: (Signature)		Date	.28.23 Time	Received by: (Signature)	12/29		Time	: 30	C	AVG	Ten	np°c_	1					
	rix: S - Soil, Sd - Solid	Ca Chida		00-2100	I TIME				glass				c, ag - aml	ber p	lass.	v - VO	A		
					the assessments are made. Hazardous													dycic of the	ahovo

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



Page 86 of 116

Printed: 12/29/2023 11:00:13AM

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:	12/29/23 (07:30	Work Order ID:	E312192
Phone:	(505) 382-1211	Date Logged In:	12/28/23 1	.5:08	Logged In By:	Jordan Montano
Email:	ashley.giovengo@wescominc.com	Due Date:	01/05/24	17:00 (4 day TAT)		
Chain of	Custody (COC)					
	ne sample ID match the COC?		Yes			
	e number of samples per sampling site location ma	tch the COC	Yes			
	amples dropped off by client or carrier?		Yes	Carrier: Courier		
4. Was the	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	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was the	e sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
11. If yes,	were custody/security seals intact?		NA			
12. Was 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 visible ice, record the temperature. Actual sample	e received w/i 15	Yes			
Sample C			_			
	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 concerca.	105			
	field sample labels filled out with the minimum info	ormation:				
	ample ID?	ormation.	Yes			
	ate/Time Collected?		Yes			
C	ollectors name?		Yes			
Sample P	<u>reservation</u>					
21. Does	the COC or field labels indicate the samples were pr	reserved?	No			
22. Are sa	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			
	does the COC specify which phase(s) is to be analy		NA			
	act Laboratory					
-	act <u>Laboratory</u> Imples required to get sent to a subcontract laborato	.m.r.O	No			
	subcontract laboratory specified by the client and it	-	NA	Subcontract Lab: NA		
		i so wilo:	INA	Subcontract Lab; NA		
Client In	<u>struction</u>					

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: E401074

Job Number: 01058-0007

Received: 1/15/2024

Revision: 4

Report Reviewed By:

Walter Hinchman Laboratory Director 2/14/24

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: 2/14/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: LVP SWD #001

Workorder: E401074

Date Received: 1/15/2024 1:16:00PM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/15/2024 1:16:00PM, 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

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Sample Summary

ſ	Devon Energy - Carlsbad	Project Name:	LVP SWD #001	Donoutoda
١	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
l	Artesia NM, 88210	Project Manager:	Ashley Giovengo	02/14/24 09:39

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
FS01 - 2.5'	E401074-01A Soil	01/11/24	01/15/24	Glass Jar, 2 oz.
SW01 - 0-2.5'	E401074-02A Soil	01/11/24	01/15/24	Glass Jar, 2 oz.
FS02 - 3.75'	E401074-03A Soil	01/11/24	01/15/24	Glass Jar, 2 oz.
SW02 - 0-3.75'	E401074-04A Soil	01/11/24	01/15/24	Glass Jar, 2 oz.



Case Narative:

Project Name: LVP SWD #001

Workorder: E401074

Date Received: 01-15-2024

The client requested the following sample(s) to be re-extracted and re-analyzed:

Sample Name

<u>Laboratory ID</u>

<u>Analysis</u>

FS02-3.75'

E401074-03

Anions by EPA 300.0/9056A

The analytical test results summarized in this revised report represent the second re-extraction and re-analysis of sample E401074-03. If you have any questions regarding this report, please feel free to contact Envirotech Inc.

Respectfully,

Walter Hinchman

Devon Energy - Carlsbad	Project Name:	LVP SWD #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/14/2024 9:39:26AM

FS01 - 2.5' E401074-01

		E4010/4-01					
Analyte	Result	Reporting Limit	Dili	ution	Prepared	Analyzed	Notes
· ·				Analyst	•	111111,200	Batch: 2403014
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Allalyst		01/10/04	Batch: 2403014
Benzene	ND	0.0250		I	01/15/24	01/19/24	
Ethylbenzene	ND	0.0250		1	01/15/24	01/19/24	
Toluene	ND	0.0250		1	01/15/24	01/19/24	
o-Xylene	ND	0.0250		1	01/15/24	01/19/24	
p,m-Xylene	ND	0.0500		1	01/15/24	01/19/24	
Total Xylenes	ND	0.0250		1	01/15/24	01/19/24	
Surrogate: Bromofluorobenzene		98.8 %	70-130		01/15/24	01/19/24	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130		01/15/24	01/19/24	
Surrogate: Toluene-d8		90.3 %	70-130		01/15/24	01/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RAS		Batch: 2403014
Gasoline Range Organics (C6-C10)	ND	20.0		1	01/15/24	01/19/24	
Surrogate: Bromofluorobenzene		98.8 %	70-130		01/15/24	01/19/24	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130		01/15/24	01/19/24	
Surrogate: Toluene-d8		90.3 %	70-130		01/15/24	01/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2403017
Diesel Range Organics (C10-C28)	ND	25.0		1	01/15/24	01/16/24	
Oil Range Organics (C28-C36)	ND	50.0		1	01/15/24	01/16/24	
Surrogate: n-Nonane		60.1 %	50-200		01/15/24	01/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2403026
Chloride	183	20.0		1	01/16/24	01/17/24	



Devon Energy - CarlsbadProject Name:LVP SWD #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo2/14/2024 9:39:26AM

SW01 - 0-2.5' E401074-02

		2.0137102					
Analyta	Result	Reporting Limit	Dilut	tion D.	- Lounard	A malvira d	Notes
Analyte	Result	Limit	ווווו	uon Pre	epared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: RAS			Batch: 2403014
Benzene	ND	0.0250	1	01	/15/24	01/19/24	
Ethylbenzene	ND	0.0250	1	01	/15/24	01/19/24	
Toluene	ND	0.0250	1	01	/15/24	01/19/24	
o-Xylene	ND	0.0250	1	01	/15/24	01/19/24	
p,m-Xylene	ND	0.0500	1	01	/15/24	01/19/24	
Total Xylenes	ND	0.0250	1	01.	/15/24	01/19/24	
Surrogate: Bromofluorobenzene		98.6 %	70-130	01.	/15/24	01/19/24	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130	01.	/15/24	01/19/24	
Surrogate: Toluene-d8		90.4 %	70-130	01.	/15/24	01/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS				Batch: 2403014
Gasoline Range Organics (C6-C10)	ND	20.0	1	01	/15/24	01/19/24	
Surrogate: Bromofluorobenzene		98.6 %	70-130	01.	/15/24	01/19/24	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130	01.	/15/24	01/19/24	
Surrogate: Toluene-d8		90.4 %	70-130	01.	/15/24	01/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM			Batch: 2403017
Diesel Range Organics (C10-C28)	ND	25.0	1	01.	/15/24	01/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01	/15/24	01/18/24	
Surrogate: n-Nonane		93.4 %	50-200	01.	/15/24	01/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT			Batch: 2403026



Devon Energy - CarlsbadProject Name:LVP SWD #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo2/14/2024 9:39:26AM

FS02 - 3.75' E401074-03

		E-101074-05					
Analyte	Result	Reporting Limit	Dilu	ution	Prepared	Analyzed	Notes
Analyte	Result	Limit	Dilu	шоп	rrepared	Anaryzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: R	RAS		Batch: 2403014
Benzene	ND	0.0250	1	1	01/15/24	01/19/24	
Ethylbenzene	ND	0.0250	1	1	01/15/24	01/19/24	
Toluene	ND	0.0250	1	1	01/15/24	01/19/24	
o-Xylene	ND	0.0250	1	1	01/15/24	01/19/24	
p,m-Xylene	ND	0.0500	1	1	01/15/24	01/19/24	
Total Xylenes	ND	0.0250	1	l	01/15/24	01/19/24	
Surrogate: Bromofluorobenzene		98.3 %	70-130		01/15/24	01/19/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		01/15/24	01/19/24	
Surrogate: Toluene-d8		90.3 %	70-130		01/15/24	01/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: R	RAS		Batch: 2403014
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	01/15/24	01/19/24	
Surrogate: Bromofluorobenzene		98.3 %	70-130		01/15/24	01/19/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		01/15/24	01/19/24	
Surrogate: Toluene-d8		90.3 %	70-130		01/15/24	01/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: K	CM		Batch: 2403017
Diesel Range Organics (C10-C28)	ND	25.0	1	1	01/15/24	01/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	01/15/24	01/16/24	
Surrogate: n-Nonane		92.0 %	50-200		01/15/24	01/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: [)T		Batch: 2404039
Chloride	597	20.0	1	1	01/24/24	01/24/24	

Devon Energy - Carlsbad	Project Name:	LVP SWD #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/14/2024 9:39:26AM

SW02 - 0-3.75'

		E401074-04					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RAS		Batch: 2403014
Benzene	ND	0.0250		1	01/15/24	01/19/24	
Ethylbenzene	ND	0.0250		1	01/15/24	01/19/24	
Toluene	ND	0.0250		1	01/15/24	01/19/24	
o-Xylene	ND	0.0250		1	01/15/24	01/19/24	
p,m-Xylene	ND	0.0500		1	01/15/24	01/19/24	
Total Xylenes	ND	0.0250		1	01/15/24	01/19/24	
Surrogate: Bromofluorobenzene		98.6 %	70-130		01/15/24	01/19/24	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130		01/15/24	01/19/24	
Surrogate: Toluene-d8		91.2 %	70-130		01/15/24	01/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg mg/kg		Analyst: RAS			Batch: 2403014
Gasoline Range Organics (C6-C10)	ND	20.0		1	01/15/24	01/19/24	
Surrogate: Bromofluorobenzene		98.6 %	70-130		01/15/24	01/19/24	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130		01/15/24	01/19/24	
Surrogate: Toluene-d8		91.2 %	70-130		01/15/24	01/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2403017
Diesel Range Organics (C10-C28)	ND	25.0		1	01/15/24	01/16/24	
Oil Range Organics (C28-C36)	ND	50.0		1	01/15/24	01/16/24	
Surrogate: n-Nonane		92.3 %	50-200		01/15/24	01/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2403026

20.0

644

01/16/24

01/17/24



Chloride

Devon Energy - Carlsbad LVP SWD #001 Project Name: Reported: Project Number: 6488 7 Rivers Hwy 01058-0007 Artesia NM, 88210 Project Manager: Ashley Giovengo 2/14/2024 9:39:26AM **Volatile Organic Compounds by EPA 8260B** Analyst: RAS Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2403014-BLK1) Prepared: 01/15/24 Analyzed: 01/18/24 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 0.491 0.500 98.2 70-130 Surrogate: 1,2-Dichloroethane-d4 0.534 0.500 107 70-130 0.500 90.2 70-130 Surrogate: Toluene-d8 0.451 LCS (2403014-BS1) Prepared: 01/15/24 Analyzed: 01/18/24 2.58 0.0250 2.50 103 70-130 Benzene 2.38 2.50 95.3 70-130 Ethylbenzene 0.0250 2.30 0.0250 2.50 92.0 70-130 92.5 70-130 2.31 0.0250 2.50 o-Xylene 4.45 89.0 p,m-Xylene 0.0500 5.00 70-130 6.76 0.0250 7.50 90.2 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.485 0.500 96.9 70-130 0.500 105 70-130 Surrogate: 1,2-Dichloroethane-d4 0.525 70-130 Surrogate: Toluene-d8 0.454 0.500 Matrix Spike (2403014-MS1) Source: E401073-04 Prepared: 01/15/24 Analyzed: 01/18/24 2.26 0.0250 2.50 ND 90.5 48-131 45-135 Ethylbenzene 2.08 0.0250 2.50 ND 83.0 80.3 48-130 Toluene 2.01 0.0250 2.50 ND 2.07 0.0250 2.50 ND 83.0 43-135 o-Xylene 4.02 ND 80.3 43-135 p,m-Xylene 0.0500 5.00 Total Xylenes 6.09 0.0250 7.50 ND 81.2 43-135 97.4 0.487 0.500 70-130 Surrogate: Bromofluorobenzene 0.524 0.500 105 70-130 Surrogate: 1,2-Dichloroethane-d4 0.500 90.7 70-130 0.454 Surrogate: Toluene-d8 Matrix Spike Dup (2403014-MSD1) Source: E401073-04 Prepared: 01/15/24 Analyzed: 01/18/24 2.51 0.0250 2.50 ND 100 48-131 10.4 23 2.36 0.0250 2.50 ND 94.4 45-135 12.8 27 Ethylbenzene ND 90.4 48-130 24 2.26 2.50 11.8 Toluene 0.0250 o-Xylene 2.35 0.0250 2.50 ND 93.9 43-135 12.4 27 5.00 ND 91.3 43-135 27 4.57 12.8 p,m-Xylene 0.0500 27 6.91 0.0250 7.50 ND 92.2 43-135 12.7 Total Xylenes Surrogate: Bromofluorobenzene 0.491 0.500 98.2 70-130



0.500

0.500

0.515

0.453

103

90.5

70-130

70-130

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

Surrogate: Toluene-d8

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 2/14/2024 9:39:26AM

6488 7 Rivers Hwy Artesia NM, 88210		Project Number: Project Manager		058-0007 shley Gioveng	o			2/1	4/2024 9:39:26AM
	Non	halogenated (Organics l	by EPA 801	1 5D - G l	RO		I	Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2403014-BLK1)							Prepared:	01/15/24 An	alyzed: 01/18/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.491		0.500		98.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.534		0.500		107	70-130			
Surrogate: Toluene-d8	0.451		0.500		90.2	70-130			
LCS (2403014-BS2)							Prepared:	01/15/24 An	alyzed: 01/18/24
Gasoline Range Organics (C6-C10)	36.7	20.0	50.0		73.3	70-130			
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.519		0.500		104	70-130			
Surrogate: Toluene-d8	0.455		0.500		91.0	70-130			
Matrix Spike (2403014-MS2)				Source	e: E40107	3-04	Prepared:	01/15/24 An	alyzed: 01/18/24
Gasoline Range Organics (C6-C10)	44.2	20.0	50.0	ND	88.3	70-130			
Gurrogate: Bromofluorobenzene	0.499		0.500		99.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.512		0.500		102	70-130			
Surrogate: Toluene-d8	0.456		0.500		91.1	70-130			
Matrix Spike Dup (2403014-MSD2)				Source	e: E40107	3-04	Prepared:	01/15/24 An	alyzed: 01/18/24
Gasoline Range Organics (C6-C10)	41.2	20.0	50.0	ND	82.3	70-130	7.02	20	
Gurrogate: Bromofluorobenzene	0.500		0.500		99.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.517		0.500		103	70-130			

0.500

0.456

91.1

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	2/14/2024 9:39:26AM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			2/14	/2024 9:39:26AN
	Nonha	logenated Or	ganics by	EPA 8015I	D - DRO	/ORO		A	nalyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2403017-BLK1)							Prepared:	01/15/24 Ana	lyzed: 01/16/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	44.8		50.0		89.5	50-200			
LCS (2403017-BS1)							Prepared:	01/15/24 Ana	lyzed: 01/16/24
Diesel Range Organics (C10-C28)	223	25.0	250		89.1	38-132			
Surrogate: n-Nonane	43.8		50.0		87.7	50-200			
Matrix Spike (2403017-MS1)				Sourc	e: E40107	5-04	Prepared:	01/15/24 Ana	lyzed: 01/19/24
Diesel Range Organics (C10-C28)	4130	1250	250	4600	NR	38-132			M4
Surrogate: n-Nonane	35.3		50.0		70.6	50-200			
Matrix Spike Dup (2403017-MSD1)				Source	e: E40107	5-04	Prepared:	01/15/24 Ana	lyzed: 01/19/24
Diesel Range Organics (C10-C28)	4340	1250	250	4600	NR	38-132	4.77	20	M4
Surrogate: n-Nonane	38.8		50.0		77.6	50-200			



6488 7 Rivers Hwy Artesia NM, 88210	Project Number: Project Manager:	01058-0007 Ashley Giovengo EPA 300.0/9056A	2/14/2024 9:39:26AM
	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 (2403026-BLK1)							Prepared:	01/16/24 An	alyzed: 01/16/24
Chloride	ND	20.0							
LCS (2403026-BS1)							Prepared:	01/16/24 An	alyzed: 01/16/24
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2403026-MS1)				Source	e: E40106	9-02	Prepared:	01/16/24 An	alyzed: 01/16/24
Chloride	256	20.0	250	ND	102	80-120			
Matrix Spike Dup (2403026-MSD1)				Source	e: E40106	9-02	Prepared:	01/16/24 An	alyzed: 01/16/24
Chloride	255	20.0	250	ND	102	80-120	0.310	20	

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		VP SWD #001 1058-0007	l				Reported:
Artesia NM, 88210		Project Manager		shley Gioveng	go				2/14/2024 9:39:26AM
		Anions	by EPA 3	300.0/9056 <i>A</i>	4				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2404039-BLK1)							Prepared:	01/24/24	Analyzed: 01/24/24
Chloride	ND	20.0							
LCS (2404039-BS1)							Prepared:	01/24/24	Analyzed: 01/24/24
Chloride	245	20.0	250		98.1	90-110			
Matrix Spike (2404039-MS1)				Source	e: E40113	9-04	Prepared:	01/24/24	Analyzed: 01/24/24
Chloride	314	20.0	250	64.5	99.6	80-120			
Matrix Spike Dup (2404039-MSD1)				Sourc	e: E40113	9-04	Prepared:	01/24/24	Analyzed: 01/24/24
Chloride	314	20.0	250	64.5	99.9	80-120	0.181	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

ſ	Devon Energy - Carlsbad	Project Name:	LVP SWD #001	
l	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
l	Artesia NM, 88210	Project Manager:	Ashley Giovengo	02/14/24 09:39

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

associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



	A Pr		
V	VA	SD	WA
		RC	RA
ta	te	_	=
Г	AZ	TX	
m	arks		

Client: [Devon				Bill To				Lab l	Jse (Only				TA	T	EPA P	rogram
Project:	LVP SWD #001				Attention: Dale Woodall		Lab W	0#	-		b Nur		1D 2D		3D	Standard	CWA	SDWA
Project N	Manager: Ashle	ey Giover	igo		Address: 205 E Bender Road #1	150	E40	E401074		01058-0007		3-0007				X		
Address:	3122 Nationa	I Parks H	wy		City, State, Zip: Hobbs NM, 882	y, State, Zip: Hobbs NM, 88240						Analysis and Metho						RCRA
City, Sta	te, Zip: Carlsba	d NM, 88	3220		Phone: (575)748-1838		þ									A		
Phone:	575-988-0055				Email: dale.woodall@dvn.com												State	
Email: a	giovengo@ens	olum.con	n				30/08			١.	0.0		Z	1	_	NM CO	UT AZ	TX
Report d	ue by:						0/0		826	5010	300			1	¥	×		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	TPH GRO/DRO/ORO by	8015	BTEX by 8021 VOC by 8260	Metals 6010	Chloride 300.0		BGDOC		GDOC		Remarks	
10:36	1/11/2024	Soil	1		FS01 - 2.5'	1							х					
10:52	1/11/2024	Soil	1		SW01 - 0-2.5'	2							х					
12:34	1/11/2024	Soil	1		FS02 - 3.75'	3		T					х					
12:35	1/11/2024	Soil	1		SW02 - 0-4'	4							х					
								+			+			-				
iestrella(@ensolum.con oler), attest to the va	1 alidity and au	thenticity o	of this sample. I am aw	om, agiovengo@ensolum.com, da	elling the sample lo		n, ch	namilt	Sam	ples req	uiring thermal p	reserva	ation m	ust be rec	m.com, seived on ice the day		oled or
TOTAL STATE OF THE	DAME OF STREET STREET	idered frauc	COMPANIE CO	e grounds for legal acti		1				Tece	iveu pac	keu iii ice at aii					equent days.	
Relinquishe	ed by: (Signature) ed by: (Signature)	0	Date	12-24 7:1	Received by: (Signature)	Date	Tir	ne ne	15	Re	ceive	d on ice:	_	ab U	se On I			
Relinquishe	ed by: (Signature) ###################################		Date /-		Received by: (Signature)	1-12 Date 1-15-	Tin	76°	20	AV	'G Tei	np °C	12			<u>T3</u>		
-	rix: S - Soil, Sd - Solid	, Sg - Sludge	A - Aqueou	us, O - Other						_		ic, ag - amb	er gl	ass, v	- VOA			
	The state of the s				ther arrangements are made. Hazardous												lysis of the	above



e client expense. The report for the analysis of the above

Page 16 of 18

envirotech Inc.

Printed: 1/15/2024 1:52:04PM

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:	01/15/24	13:16		Work Order ID:	E401074
Phone:	(505) 382-1211	Date Logged In:	01/15/24	13:16		Logged In By:	Angelina Pineda
Email:	ashley.giovengo@wescominc.com	Due Date:		17:00 (4 day TAT)		88	G
Chain of	Custody (COC)						
1. Does th	ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location ma	tch the COC	Yes				
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: C	Courier		
4. Was the	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes				
5. Were a	Il samples received within holding time?	·	Yes				
	Note: Analysis, such as pH which should be conducted in i.e. 15 minute hold time, are not included in this disucssis.					Comments	s/Resolution
Sample T	urn Around Time (TAT)						
	COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C	· •						
_	sample 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				
•	were custody/security seals intact?		NA				
12. Was th	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	visible ice, record the temperature. Actual sample	temperature: 4°0	<u>C</u>				
Sample C	<u>Container</u>						
14. Are a	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	appropriate volume/weight or number of sample contain	ners collected?	Yes				
Field Lab	<u>oel</u>						
	field sample labels filled out with the minimum info	ormation:					
S	ample ID?		Yes				
	ate/Time Collected?		Yes				
C	ollectors name?		Yes				
	reservation						
	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				
<u>Multipha</u>	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	rv?	No				
	subcontract laboratory specified by the client and is	-	NA	Subcontract Lab	o: NA		
Chent II	<u>istruction</u>						

Date

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

Project Information
Client: Devon
Project: LVP SWD #
Project Manager: A
Address: 3122 Natio
City State Zing Con

Chain of Custody

	1		i
Page	1	_of_	1

Received by OCD: 2/21/2024 9:50:14 AM

Client: D	levon					Bill To		T		1 -	ah H	se On	lv		1		TA	T	EPA P	rogram	
Project: LVP SWD #001				Attention: Dale Woodall		Lab WO# Job Number					1D 2D 3D Standa				CWA	SDWA					
Project Manager: Ashley Giovengo			_	Address: 205 E Bender Road #150			E401074 01058-000							-	00	X					
Control of the last of the las	3122 Nationa		-	-	_	City, State, Zip: Hobbs NM, 88240		-						nd Metho		-				RCRA	100
City, Stat	e, Zip: Carlsba	ed NM, 88	3220			Phone: (575)748-1838		100	À						1	IC			Na The St		
Phone: !	75-988-0055					mail: dale.woodall@dvn.com			RO							Renin			State	NAME OF THE PARTY	100
Email: a	giovengo@ens	olum.con	n				NAME OF THE OWNER, OWNE		0/0	-			0		N	2		NM CO	UT AZ	TX	
Report d	ue by:								HQ/C	802	8260	010	300.0			CX	X	×			
Time Sampled	Date Sampled	Matrix	No of Containers	Sample ID			Lab Number		TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride		BGDOC	5	GDOC		Remarks		
10:36	1/11/2024	Soil	1			FS01 - 2.5'	1				P.				x						
10:52	1/11/2024	Soil	1			SW01 - 0-2.5'	2								x						
12:34	1/11/2024	Soil	1			FS02 - 3.75'	3								х	X		per.	C.Bu	urton	
12:35	1/11/2024	Soil	1			-SW02-0-4" SW02-0-3.75"	4								х			1/22	C.Bu 124 o 1ple 1 ged pe slzy k	MA	
	W RATE																	Sun	ples	rame	
																		chan	jed pe	rCB	ur to
																		2/13	ilzy K	2AS	
			Maria L																		
			CC: cbur	ton@ensolu	m.com,	agiovengo@ensolum.com, dale.	woodall@	dvn.	com,	chan	nilto	n@ei	nsol	ım.com	ehai	t@e	nsolu	m.com,			
	Densolum.com			at the				20.20		-		Isamole	es rumin	ring thermal	present	ition m	est he re	ceived on ice the day	they are same	led or	
	of collection is cons					at tampering with or intentionally mislabellin Sampled by: Cole Burton	g the sample i	ocatio	n,									ess than 6°C on sub			
	d by: (Signature)	HUCTED TIBUO	Date	Time		Received by: (Signature)	Date		Time						L	ab U	se On	lv			
20	e but		11-	12-24 7	15	will alle Euch	1112	24	0	71	5	Rece	eived	on ice:		18					
111	d by: (Signature)	-	Date	Time	600	Received by: (Signature)	Date /_ L7	.70	Time	610	í	T1			T2	,		T3			
11 1	d by: (Signature) / Husso	V	Date	12-24 Time	715	Received by: (Signature)	Date 1-15	-754	Time	320)	AVG	Ten	np °C_	+		NA.				
	x: S - Soil, Sd - Solid	, Sg - Sludge	A - Aqueou	s, O - Other	ر. ب		Containe	r Typ	OF RESPONDED IN							ass, v	- VO/	V			
		The state of the s			ess other	arrangements are made. Hazardous sar													lysis of the	above	MAL.
samples is a	pplicable only to	those samp	les receive	d by the laborat	ory with	this COC. The liability of the laboratory is	limited to t	he am	ount p	said fo	or on t	the rep	port.								1000



envirotech



APPENDIX F

NMOCD Correspondence

From: Woodall, Dale

To: Ashley Giovengo

Subject: FW: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 301772

Date: Tuesday, January 9, 2024 2:19:24 PM

[**EXTERNAL EMAIL**]

fyi

Dale Woodall Environmental Professional Hobbs, NM

Office: 575-748-1838 Mobile: 405-318-4697 <u>Dale.Woodall@dvn.com</u>

From: OCDOnline@state.nm.us < OCDOnline@state.nm.us >

Sent: Tuesday, January 9, 2024 2:18 PM **To:** Woodall, Dale < Dale. Woodall@dvn.com>

Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application

ID: 301772

To whom it may concern (c/o Dale Woodall for DEVON ENERGY PRODUCTION COMPANY, LP),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2333127536.

The sampling event is expected to take place:

When: 01/11/2024 @ 09:00

Where: I-04-23S-28E 2100 FSL 385 FEL (32.3330917,-104.0850372)

Additional Information: Ashley Giovengo

Senior Engineer 575-988-0055 Ensolum, LLC

Additional Instructions: I-04-23S-28E (32.3330917,-104.0850372)

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

• Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure

samples not being accepted.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

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

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From: Ashley Giovengo
To: Cole Burton

Subject: FW: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 301772

Date: Tuesday, February 6, 2024 12:47:35 PM

Attachments: image001.png

image002.png image003.png image004.png



Ashley Giovengo

Senior Engineer 575-988-0055 Ensolum, LLC

From: Woodall, Dale <Dale.Woodall@dvn.com>

Sent: Tuesday, January 9, 2024 2:19 PM

To: Ashley Giovengo <agiovengo@ensolum.com>

Subject: FW: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application,

Application ID: 301772

[**EXTERNAL EMAIL**]

fyi

Dale Woodall

Environmental Professional

Hobbs, NM

Office: 575-748-1838 Mobile: 405-318-4697 <u>Dale.Woodall@dvn.com</u>

From: OCDOnline@state.nm.us < OCDOnline@state.nm.us>

Sent: Tuesday, January 9, 2024 2:18 PM **To:** Woodall, Dale < <u>Dale.Woodall@dvn.com</u>>

Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application

ID: 301772

To whom it may concern (c/o Dale Woodall for DEVON ENERGY PRODUCTION COMPANY, LP),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2333127536.

The sampling event is expected to take place:

When: 01/11/2024 @ 09:00

Where: I-04-23S-28E 2100 FSL 385 FEL (32.3330917,-104.0850372)

Additional Information: Ashley Giovengo

Senior Engineer 575-988-0055 Ensolum, LLC

Additional Instructions: I-04-23S-28E (32.3330917,-104.0850372)

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

• Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

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

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<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 316221

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	316221
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Prerequisites						
Incident ID (n#)	nAPP2333127536					
Incident Name	NAPP2333127536 LVP SWD #001 @ 30-015-42234					
Incident Type	Produced Water Release					
Incident Status	Deferral Request 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	11/25/2023				
Surface Owner	Private				

ncident 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: Exploratory Well Tank (Any) Produced Water Released: 191 BBL Recovered: 190 BBL Lost: 1 BBL.						
Is the concentration of chloride in the produced water >10,000 mg/l	No						
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)	The water tanks overflowed. Shut in the inlets to the tank to stop the leak. 190.7 bbls spilled. 190 bbls recovered. spill was in containment only.						

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

<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 316221

Phone:(505) 476-3470 Fax:(505) 476-3462	
QUEST	10NS (continued)
Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137 Action Number: 316221
,	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)
QUESTIONS	•
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
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	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.
	niation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative o eted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of evaluation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for rele the 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 rt 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: 02/21/2024

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

QUESTIONS, Page 3

Action 316221

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	316221
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Site Characterization					
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.					
What is the shallowest 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	NM OSE iWaters Database Search				
Did this release impact groundwater or surface water	No				
What is the minimum distance, between the closest lateral extents of the release ar	nd 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)	Greater than 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 ½ and 1 (mi.)				
A subsurface mine	Greater than 5 (mi.)				
An (non-karst) unstable area	Between 1 and 5 (mi.)				
Categorize the risk of this well / site being in a karst geology	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 tha	t apply or are indicated. This information must be provided to	the appropriate district office no later than 90 days after the release discovery date.
Requesting a remediation p	lan approval with this submission	Yes
Attach a comprehensive report dem	onstrating the lateral and vertical extents of soil contamination	n 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 cor	ntained within a lined containment area	No
Soil Contamination Sampling:	(Provide the highest observable value for each, in mi	lligrams per kilograms.)
Chloride	(EPA 300.0 or SM4500 CI B)	1210
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	0
GRO+DRO	(EPA SW-846 Method 8015M)	0
BTEX	(EPA SW-846 Method 8021B or 8260B)	0
Benzene	(EPA SW-846 Method 8021B or 8260B)	0
	MAC unless the site characterization report includes completed lines for beginning and completing the remediation.	d efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,
On what estimated date will	the remediation commence	01/11/2024
On what date will (or did) the	e final sampling or liner inspection occur	01/11/2024
On what date will (or was) th	e remediation complete(d)	01/11/2024
What is the estimated surfac	e area (in square feet) that will be reclaimed	6300
What is the estimated volum	e (in cubic yards) that will be reclaimed	875
What is the estimated surfac	e area (in square feet) that will be remediated	39
What is the estimated volum	e (in cubic yards) that will be remediated	4
These estimated dates and measure	ements are recognized to be the best guess or calculation at the	e time of submission and may (be) change(d) over time as more remediation efforts are completed.
The OCD recognizes that proposed	remediation measures may have to be minimally adjusted in a	accordance with the physical realities encountered during remediation. If the responsible party has any need to

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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

QUESTIONS, Page 4

Action 316221

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	316221
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Remediation Plan (continued)		
Please answer all the questions that apply or are indicated. This information must be provided to the	appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:		
(Select all answers below that apply.)		
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes	
Which OCD approved facility will be used for off-site disposal	R360 Artesia LLC LANDFARM [fEEM0112340644]	
OR which OCD approved well (API) will be used for off-site disposal	Not answered.	
OR is the off-site disposal site, to be used, out-of-state	Not answered.	
OR is the off-site disposal site, to be used, an NMED facility	Not answered.	
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.	
(In Situ) Soil Vapor Extraction	Not answered.	
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.	
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.	
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.	
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.	
OTHER (Non-listed remedial process)	Not answered.	

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

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

I hereby agree and sign off to the above statement

Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com Date: 02/21/2024

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.

Operator:

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QUESTIONS, Page 5

Action 316221

QUESTIONS (continued)

OGRID:

DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave.	6137
	Action Number:
Oklahoma City, OK 73102	316221
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)
QUESTIONS	
Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each	of the following items must be confirmed as part of any request for deferral of remediation.
Requesting a deferral of the remediation closure due date with the approval of this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	Containment wall, lined floor, production tanks and lines
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	6300
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	875
	diately under or around production equipment such as production tanks, wellheads and pipelines where in may be deferred with division written approval until the equipment is removed during other operations, or wher
Enter the facility ID (f#) on which this deferral should be granted	Not answered.
Enter the well API (30-) on which this deferral should be granted	30-015-42234 LVP SWD #001
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed e which includes the anticipated timelines for beginning and completing the remediation.	efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC
to report and/or file certain release notifications and perform corrective actions for rele the 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 rt does not relieve the operator of responsibility for compliance with any other federal, state, or Name: Dale Woodall
I hereby agree and sign off to the above statement	Title: EHS Professional Email: Dale.Woodall@dvn.com Date: 02/21/2024

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

QUESTIONS, Page 6

Action 316221

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	316221
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	301772
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/11/2024
What was the (estimated) number of samples that were to be gathered	4
What was the sampling surface area in square feet	800

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	No

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CONDITIONS

Action 316221

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	316221
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

CONDITIONS

Created By	Condition	Condition Date
crystal.walker	Deferral Request Approved. This deferral request indicates SW01 and SW02 confirm the presence of chloride containing soils that is limited to beneath the lined tank battery containment. Approximately 875 cubic yards of chloride impacted soil will remain in place beneath the containment liner until the equipment is removed during other operations, or when the well or facility is plugged or abandoned, whichever comes first.	5/2/2024