ENSOLUM

May 26, 2026

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

Re: Remediation Work Plan Addendum
Shepherd Dalmatian CTB
Incident Number: nAPP2515181503, nAPP2605418531 & nAPP2605528269
Eddy County, New Mexico

To Whom it May Concern:

Ensolum, LLC (Ensolum), on behalf of WPX Energy Permian, LLC (WPX), has prepared this *Remediation Work Plan Addendum* (RWPA) to document assessment and soil sampling activities performed at the Shepherd Dalmatian CTB (Site). The purpose of the Site assessment and soil sampling activities was to address impacted and waste-containing soil resulting from three releases of produced water. WPX is submitting this *RWPA*, describing analytical results from delineation soil sampling associated with Incident Numbers nAPP2515181503, nAPP2605418531, and nAPP2605528269 and a wetland survey conducted at the Site to confirm the Closure Criteria.

BACKGROUND

The Site is located in Unit L, Section 03, Township 23 South, Range 27 East, in Eddy County, New Mexico, (32.333499°, -104.182753°) and is associated with oil and gas exploration and production operations on Private Land. Incident Number nAPP2515181503 is listed on the NMOCD Portal as 32.333499°, -104.182753°, and Incident Numbers nAPP2605418531 & nAPP2605528269 are listed on the NMOCD Portal as 32.333125°, -104.183913°.

On May 31, 2025, a fitting on a water transfer pump failed which resulted in the release of approximately 10 barrels (bbls) of produced water into a lined secondary containment and onto the pad surface; 9 bbls of produced water were recovered from inside the lined secondary containment. WPX reported the release to the NMOCD via the NMOCD portal on May 31, 2025, and submitted a Release Notification Form C-141 (Form C-141) on June 09, 2025. The release was assigned Incident Number nAPP2515181503.

On February 22, 2026, a water transfer pump failed which resulted in the release of approximately 11 barrels (bbls) of produced water onto the pad surface; 6 bbls of produced water were recovered. WPX reported the release to the NMOCD via the NMOCD portal on February 23, 2026, and submitted a Release Notification Form C-141 (Form C-141) on February 25, 2026. The release was assigned Incident Number nAPP2605418531.

On February 23, 2026, a water transfer pump failed which resulted in the release of approximately 282 barrels (bbls) of produced water inside the lined secondary containment and onto the pad surface; 200 bbls of produced water were recovered. WPX reported the release to the NMOCD via the NMOCD portal on February 24, 2026, and submitted a Release Notification Form C-141 (Form C-141) on March 03, 2026. The release was assigned Incident Number nAPP2605528269.

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On February 27, 2026, Ensolum, on behalf of WPX, submitted a 90-day extension request to complete assessment soil sampling of the second and third produced water releases (Incident Numbers nAPP2605418531 and nAPP2605528269), prior to submitting a remediation or closure report as required in 19.15.29.12.B.(1) NMAC. NMOCD approved the 90-day extension request on the same day.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized to assess the applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC). Site Assessment/Characterization is described below. Potential Site receptors are identified on Figure 1.

The closest permitted groundwater well with depth to groundwater data is New Mexico Office of the State Engineer (NMOSE) well C 0300 POD2, located approximately 0.25 miles southeast of the Site. The well had a reported depth to groundwater of 80 below ground surface (bgs) (measured on August 10, 2012) and a total depth of 150 feet bgs. All wells used for depth to groundwater determination are presented on Figure 1. The referenced well record is included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is an irrigation canal (R2UB3Hx), located approximately 101.5 feet west of the Site. This canal is separated from the Site by a paved road and concrete barrier which should restrict any impacts from reaching the irrigation canal. On January 10, 2025, Ensolum personnel, under the supervision of Liz Carner, professional wetland specialist (PWS) for On Pointe Consulting, LLC, visited the Site to review the irrigation canal as a waterway with potential to be identified as a significant water course. The waterway in question is an excavated irrigation canal with packed dirt and gravel banks. No wetlands were identified within the (R2UB3Hx) area. Three upland USACE Wetland Determination Forms were recorded in the irrigation ditch (UPL-01, UPL-02, and UPL-03). Findings from the wetland delineation are included as Appendix B.

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 the irrigation ditch on the west side of the Site is owned by the private landowner Phillip Walterscheid and is made entirely out of concrete. The Site is not within a 100-year floodplain or overlying a subsurface mine. The Site is potentially underlain by unstable geology (medium potential karst designation area). Site receptors are identified on Figure 1.

Based on the results of the desktop Site Characterization, the following NMOCD Table I Closure Criteria (Closure Criteria) *currently* 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

With this *RWPA*, WPX is submitting a written request for a variance from 19.15.29.11 NMAC A. (4) and requesting approval to apply Closure Criteria based on depth to groundwater between 51 feet bgs and 100 feet bgs. In support of this variance request, WPX is providing:

(1) a detailed statement: The Site is located directly east of a concrete irrigation ditch that has a berm approximately 1-foot higher in elevation than the pad. This ditch does not have a blue line on USGS topographic maps or any associated NWI polygons, and Ensolum believes that this ditch is not a significant waterway. On the west side of the concrete ditch is an asphalt road (Tidwell road) that is (approximately 23 feet wide) and then approximately 37 feet west of the road there is a major irrigation canal with an earthen berm that is approximately 6 feet higher in elevation than the asphalt road (the bottom of the irrigation canal is about the same level as the road). The canal is completely cut off from any drainage, surface flow, or other runoff that could originate in or near the site due to the location of the road and berm(s). The irrigation canal is a losing canal, in which water flows to the topography low spots and water will migrate vertically downward, but groundwater is not added into the system due to the shallow nature of the canal and deeper groundwater depth in the vicinity of the canal. There are no culverts present under the road within 580 feet of the site and there is no evidence of water flow across the road (no sediment deposits, no plant matter deposition, etc.).; and

(2) demonstration that the variance is equally protective of freshwater, public health, and the environment: Although a concrete irrigation ditch is present adjacent to the Site, it is not a mapped or jurisdictional water feature and is elevated above the Site by an intervening berm, limiting any potential for direct runoff. In addition, the combination of an intervening paved roadway, absence of culverts or observed flow paths, and a significantly elevated earthen berm along the larger irrigation canal effectively eliminates hydraulic connectivity and prevents Site-related impacts from reaching the canal.

Given these physical and hydraulic controls, along with the losing nature of the canal and deeper regional groundwater conditions, applying less stringent Closure Criteria remains equally protective of human health, groundwater, and the environment because there is no complete exposure pathway linking potential Site impacts to sensitive receptors.

In the event the variance is approved, the following Closure Criteria will be applied to the Site:

- Benzene: 10 mg/kg
- BTEX: 50 mg/kg
- TPH- gasoline range organics (GRO) and diesel range organics (DRO): 1,000 mg/kg
- TPH: 2,500 mg/kg
- Chloride: 10,000 mg/kg

A reclamation requirement of 600 mg/kg chloride and 100 mg/kg TPH applies to the top 4 feet of pasture area that was impacted by the release, per 19.15.29.13.D (1) NMAC for the top 4 feet of areas that will be reclaimed following remediation.

SITE ASSESSMENT AND DELINEATION SOIL SAMPLING ACTIVITIES

Beginning on June 10, 2025, through July 23, 2025, Ensolum personnel were onsite to delineate the lateral and vertical extent of the release as indicated by field observations and information provided in the C-141. Nine lateral soil samples (SS01 through SS09) were collected at depths ranging from ground surface to 1-foot below ground surface (bgs). A total of 7 potholes (PH01, PH02, and PH04 through PH08) and two boreholes (BH03 and BH09) were advanced via backhoe and hand auger within the release extent to assess the vertical extent of the release. Potholes PH01, PH02, and PH04 through PH08 and boreholes BH03 and BH09 were advanced to depths ranging from ground surface to 4 feet bgs.

Ensolum personnel returned to the Site beginning on September 2, through September 22, 2025, to collect additional delineation soil samples. Lateral soil samples (SS10 through SS14 and SS14A) were collected at ground surface and 1-foot bgs. Three boreholes (BH10 through BH12) were collected via hand auger at depths ranging from ground surface to 6.75 feet bgs.

Ensolum personnel conducted a liner integrity inspection for the tank battery containment on February 20, 2026, and no holes were identified within the containment liner. A 48-Hour advance notice of liner inspection was submitted to the NMOCD on February 18, 2026.

Ensolum personnel returned to the Site beginning on February 25, through May 6, 2026, to collect additional delineation soil samples. Lateral soil samples (SS15 through SS21) were collected at ground surface and 1-foot bgs. Eight boreholes (BH13 through BH16 and BH18 through BH21) were collected via hand auger at depths ranging from ground surface to 6.75 feet bgs. Borehole BH17 was pre-marked prior to delineation, however, due to the presence of equipment samples were not collected in this area due to safety concerns. Naming conventions were not corrected in the field, and samples were submitted before correction could be made.

All delineation soil samples were field screened for chloride and TPH utilizing Hach® chloride QuanTab® test strips and a PetroFLAG® Soil Analyzer System, respectively. Field screening results and observations for the boreholes were logged on lithologic/soil sampling logs, which are included in Appendix C. Photographic documentation of delineation activities is included in Appendix D.

All 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-(GRO), TPH-diesel range organics (DRO), and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method 300.0.

LABORATORY ANALYTICAL RESULTS

Lateral delineation soil samples (SS01 through SS11), SS13, SS14A, and SS15 through SS21 were all in compliance with the strictest Closure Criteria per NMOCD table I at ground surface and 1-foot bgs. Lateral assessment soil samples SS12 and SS14 exceeded the strictest Closure Criteria at ground surface and 1-foot bgs.

Discrete soil samples from potholes PH01 and PH06 and discrete soil samples from boreholes BH09 and BH11 were all in compliance with the strictest Closure Criteria at depths ranging from ground surface to 3 feet bgs. Discrete soil samples from potholes PH02, PH04, PH05, PH07, PH08, and boreholes BH03, BH16, and BH18 through BH21 exceeded the strictest Closure Criteria at ground surface and were in compliance with strictest Closure Criteria at a depth of 3 feet bgs in pothole PH02 and boreholes BH03 and BH18, 4 feet bgs in potholes PH04 and PH07, BH20 and 1-foot bgs in potholes PH05 and PH08 and boreholes BH16, BH19, BH21. Borehole BH10 exceeded the strictest Closure Criteria at depths ranging from ground surface to 6.75 feet bgs. Borehole BH12 exceeded the strictest Closure Criteria at depths ranging from ground surface to 5 feet bgs. Borehole BH13 exceeded the strictest Closure Criteria at depths ranging from ground surface to 18 feet bgs. Boreholes BH14 and BH15 exceeded the strictest Closure Criteria at depths ranging from ground surface to 11 feet bgs. Laboratory results for the delineation soil samples are summarized in Table 1 and laboratory analytical reports are included in Appendix E.

PROPOSED REMEDIATION WORK PLAN

WPX proposes to complete excavation activities at the Site according to the following actions:

- Based on the findings of the of the wetland delineation, unstable features needed for a significant watercourse/wetland appear to be absent and as such, WPX plans to have the Army Corps of Engineers assess the irrigation canal as either jurisdictional or non-jurisdictional. Upon a ruling of non-jurisdictional the watercourse will be removed as a sensitive receptor.
- WPX intends to conduct a karst survey using a New Mexico Bureau of Land Management (BLM) approved third-party cave/karst specialist for the area beneath the release and with a 200-meter boundary of the Site.
- Absent of unstable geology and karst features at the Site and with the removal of a significant water course, there are no other sensitive receptors present in the prescribed distances set forth in 19.15.29.12 NMAC. Depth to groundwater has been reasonably estimated to be between 50 feet and 100 feet bgs, indicating the middle Closure Criteria could be appropriate for the Site.
- Excavate impacted and waste containing soil to a depth determined by the re-evaluated Site Closure Criteria based on the absence of any other sensitive receptor related to the Site. WPX believes these actions will be equally protective of human health, the environment, and groundwater.
- The excavation will be completed with mechanical equipment, and the proposed excavation extent and depths are depicted on Figure 3. Figure 3 depicts the proposed excavation extent if no sensitive Site receptors are associated with the Site.
- The excavation area measures 8,121 sq ft in size and an estimated 528 cubic yards of impacted soil will be excavated, assuming approval of the variance. This work will include addressing chloride impacts and waste containing soil identified in potholes PH02 and PH04 and boreholes BH03 and BH13 through BH19 at depths ranging from ground surface to 4 feet bgs.
- Impacted soil and waste containing soil will be transferred to an approved landfill facility for disposal.
- Following the removal of impacted and waste containing soil, Ensolum personnel will collect 5-point composite soil samples representing no more than 200 square feet from the floor and sidewalls of the excavation. The 5-point composite samples will be collected by placing five equivalent aliquots of soil into a resealable plastic bag and homogenizing the samples by thoroughly mixing. The excavation soil samples will be collected, handled, and analyzed following the same procedures as described above.
- The excavation will be backfilled and recontoured to match pre-existing conditions.
- Delineation soil sample locations BH10 and BH12 through BH15 will be advanced to vertically delineate to the strictest Closure Criteria.
- If there are areas to be deferred on pad due to the presen ce of equipment and/or pipelines, such as those under the lined secondary containment, lateral delineation samples will be collected to properly quantify the residual soil impacts that will be addressed during major Site reconstruction or following plugging and abandonment of the well and reclamation of the well pad.

- Finally, a second liner inspection will be conducted to confirm the liner is operating as designed following Incident nAPP2605528269 on February 23, 2026, three days after the original liner inspection.

WPX believes this *RWPA* will be protective of human health, the environment, and groundwater. Matador will complete the proposed excavation and soil sampling activities within 180 days of the date of approval of this *RWPA* by the NMOCD.

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

Sincerely,
Ensolum, LLC

Ashley Urzedo
Associate Principal

Tacoma Morrissey, PG (licensed in TX)
Associate Principal

cc: Jim Raley, WPX

Appendices:

Figure 1	Site Receptor Map
Figure 2	Delineation Soil Sample Locations
Figure 3	Proposed Excavation Extent
Table 1	Soil Sample Analytical Results (Delineation Soil Samples)
Appendix A	Well Log and Record
Appendix B	Waterway Review
Appendix C	Lithologic Soil Sampling Logs
Appendix D	Photographic Log
Appendix E	Laboratory Analytical Reports & Chain-of-Custody Documentation
Appendix F	NMOCD Correspondence

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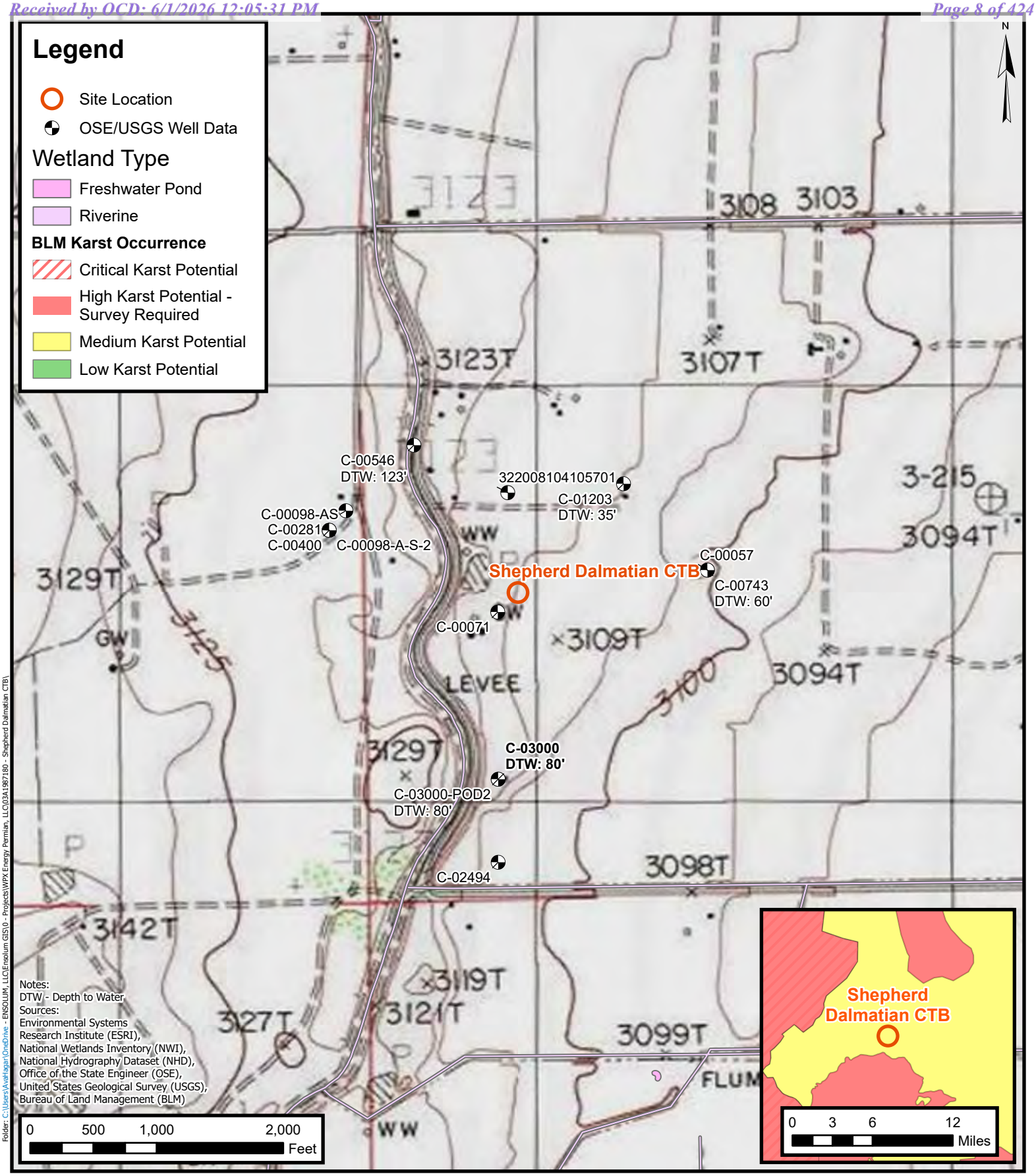
FIGURES



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Environmental, Engineering and Hydrogeologic Consultants

Site Receptor Map

WPX Energy Permian, LLC
Shepherd Dalmatian CTB
Incident Number: nAPP2515181503
Unit L, Section 03, T 23S, R 27E
Eddy County, New Mexico

FIGURE 1

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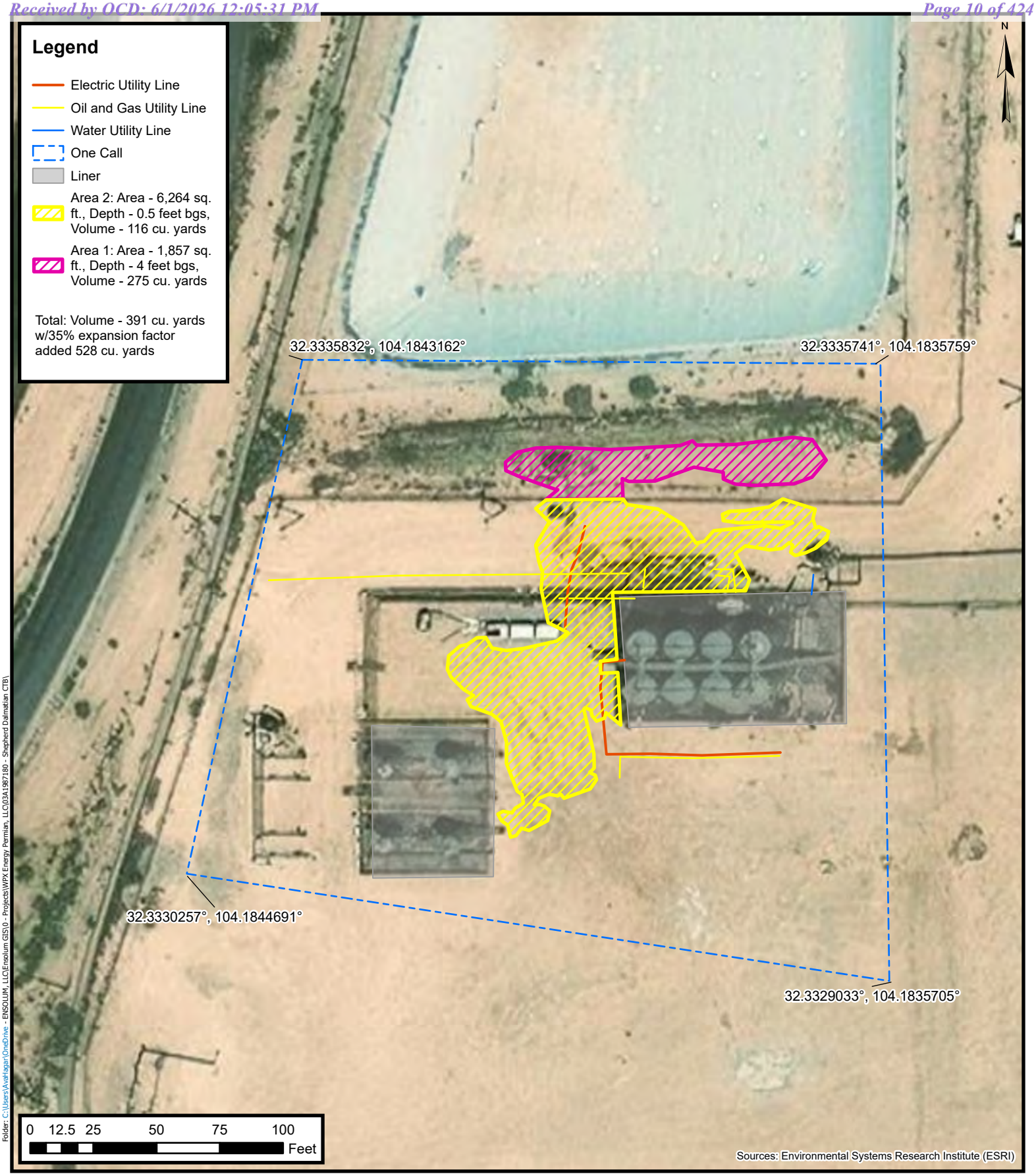
Delineation Soil Sample Locations

WPX Energy Permian, LLC
Shepherd Dalmatian CTB
Incident Numbers: nAPP2515181503 , nAPP2605418531 , nAPP2605528269
Unit L, Section 03, T 23S, R 27E
Eddy County, New Mexico

FIGURE 2



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Proposed Excavation Extent

WPX Energy Permian, LLC
Shepherd Dalmatian CTB
Incident Number: nAPP2515181503
Unit L, Section 03, T 23S, R 27E
Eddy County, New Mexico

FIGURE 3

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TABLES

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TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
Shepherd Dalmation CTB
WPX Energy Permian, LLC
Eddy County, New Mexico

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Reclamation Requirement (NMAC 19.15.29.13.D)			10	50	NE	NE	NE	NE	100	600
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	NE	100	600
Delineation Soil Samples										
SS01	6/10/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	189
SS01	6/10/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	217
SS02	6/11/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	125
SS02	6/11/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	262
SS03	6/11/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	198
SS03	6/11/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	271
SS04	6/26/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	93.7
SS04	6/26/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	362
SS05	7/23/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<100
SS05	7/23/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	45.4
SS06	6/26/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	25.1
SS06	6/26/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	78.9
SS07	6/26/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS07	6/26/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS08	6/11/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	146
SS08	6/11/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	253
SS09	7/23/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<100
SS09	7/23/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<100
SS10	9/2/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	454
SS10	9/2/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	449
SS11	9/2/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	338
SS11	9/2/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	355
SS12	9/10/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**4,860**
SS12	9/10/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,430**
SS13	9/22/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS13	9/22/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS14	9/22/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,130**
SS14	9/22/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**654**
SS14A	9/22/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	170
SS14A	9/22/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	367

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TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
Shepherd Dalmation CTB
WPX Energy Permian, LLC
Eddy County, New Mexico

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Reclamation Requirement (NMAC 19.15.29.13.D)			10	50	NE	NE	NE	NE	100	600
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	NE	100	600
Delineation Soil Samples										
SS15	2/25/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	202
SS15	2/25/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	152
SS16	2/25/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS16	2/25/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	23.9
SS17	2/25/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS17	2/25/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS18	2/25/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS18	2/25/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	26.7
SS19	2/25/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	196
SS19	2/25/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS20	2/27/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	386
SS20	2/27/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	371
SS21	2/27/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	144
SS21	2/27/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	153
PH01	7/23/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	225
PH01	7/23/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	221
PH02	7/23/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**3,190**
PH02	7/23/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,710**
PH02	7/23/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	243
BH03	7/23/2025	0	<0.0250	<0.0500	<20.0	225	138	225	**363**	<100
BH03	7/23/2025	1	<0.0250	<0.0500	<20.0	64.2	57.7	64.2	**122**	600
BH03	7/23/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	316
PH04	7/23/2025	0	<0.0250	<0.0500	<20.0	371	186.0	371	**557**	**4,820**
PH04	7/23/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**2,570**
PH04	7/23/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	520
PH05	7/23/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**857**
PH05	7/23/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	66.7
PH06	7/23/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	470
PH06	7/23/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	509
PH06	7/23/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	183

ENSOLUM

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
Shepherd Dalmation CTB
WPX Energy Permian, LLC
Eddy County, New Mexico

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Reclamation Requirement (NMAC 19.15.29.13.D)			10	50	NE	NE	NE	NE	100	600
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	NE	100	600
Delineation Soil Samples										
PH07	7/23/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,260
PH07	7/23/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	999
PH07	7/23/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	136
PH08	7/23/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	646
PH08	7/23/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	467
BH09	7/23/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<100
BH09	7/23/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	73.2
BH10	9/10/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,400
BH10	9/10/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,870
BH10	9/10/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,840
BH10	9/10/2025	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,640
BH10	9/10/2025	6.75	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,240
BH11	9/10/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	341
BH11	9/10/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	290
BH12	9/10/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,300
BH12	9/10/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,680
BH12	9/10/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,450
BH12	9/10/2025	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,790
BH13	3/24/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,240
BH13	3/24/2026	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,740
BH13	3/24/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,220
BH13	3/24/2026	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,670
BH13	3/24/2026	8	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	8,160
BH13	3/24/2026	10	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	7,710
BH13	3/24/2026	12	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,640
BH13	3/24/2026	14	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,460
BH13	3/24/2026	16	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,980
BH13	3/24/2026	18	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,580

ENSOLUM

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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 Reclamation Requirement (NMAC 19.15.29.13.D)			10	50	NE	NE	NE	NE	100	600
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	NE	100	600
Delineation Soil Samples										
BH14	3/6/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	18,200
BH14	3/6/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	651
BH14	3/6/2026	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	853
BH14	3/6/2026	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	276
BH14	3/6/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	407
BH14	3/6/2026	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	291
BH14	3/6/2026	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	458
BH14	3/6/2026	8	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,070
BH14	3/6/2026	11	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,700
BH15	3/6/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	15,500
BH15	3/6/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	299
BH15	3/6/2026	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	140
BH15	3/6/2026	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	308
BH15	3/6/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,040
BH15	3/6/2026	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,400
BH15	3/6/2026	7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,900
BH15	3/6/2026	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,990
BH15	3/6/2026	11	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,960
BH16	3/25/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,190
BH16	3/25/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	469
BH18	3/6/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	8,050
BH18	3/6/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,730
BH18	3/6/2026	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,010
BH18	3/6/2026	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	520
BH18	3/6/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	368
BH18	3/6/2026	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	245

ENSOLUM

TABLE 1
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Shepherd Dalmation CTB
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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 Reclamation Requirement (NMAC 19.15.29.13.D)			**10**	**50**	**NE**	**NE**	**NE**	**NE**	**100**	**600**
NMOCD Table I Closure Criteria (NMAC 19.15.29)			**10**	**50**	**NE**	**NE**	**NE**	**NE**	**100**	**600**
Delineation Soil Samples										
BH19	3/25/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	**1,030**
BH19	3/25/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	424
BH19	3/25/2026	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	272
BH19	3/25/2026	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	206
BH19	3/25/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	161
BH19	3/25/2026	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	100

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

Red *text represents samples that exceed expected Closure Criteria*

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

Concentrations in ***bold*** *exceed the 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.*

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APPENDIX A

Well Log and Record

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

STATE ENGINEER OFFICE
ROSWELL, NEW MEXICO

2017 AUG 21 A 11:03

1. GENERAL AND WELL LOCATION

POD NUMBER (WELL NUMBER)	OSE FILE NUMBER(S)
C 03000	C 03000POD2
WELL OWNER NAME(S)	**PHONE (OPTIONAL)**
PHILLIP & MELISSA WALTERSHEID	575-361-3432
WELL OWNER MAILING ADDRESS	**CITY / STATE / ZIP**
6430 TIDWELL ROAD	CARLSBAD / NM / 88220

WELL LOCATION (FROM GPS)	DEGREES	MINUTES	SECONDS	
LATITUDE	32	19	46.00	N
LONGITUDE	104	10	59.87	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS

2. OPTIONAL

(2.5 ACRE)	(10 ACRE)	(40 ACRE)	(160 ACRE)	SECTION	TOWNSHIP	RANGE
¼	¼	¼	¼		☐ NORTH ☐ SOUTH	☐ EAST ☐ WEST

SUBDIVISION NAME	LOT NUMBER	BLOCK NUMBER	UNIT/TRACT

HYDROGRAPHIC SURVEY	MAP NUMBER	TRACT NUMBER

3. DRILLING INFORMATION

LICENSE NUMBER	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD1682	JOHN NORRIS	HUNGRY HORSE, LLC

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
8-6-2012	8-10-2012	150	150	

COMPLETED WELL IS: ☐ ARTESIAN ☐ DRY HOLE ☑ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): 80

DRILLING FLUID: ☐ AIR ☑ MUD ☐ ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

DEPTH (FT) FROM	DEPTH (FT) TO	BORE HOLE DIA (IN)	CASING MATERIAL	CONNECTION TYPE (CASING)	INSIDE DIA. CASING (IN)	CASING WALL THICKNESS (IN)	SLOT SIZE (IN)
0	150	8 3/4	7" STEEL	Welded	6 5/8	3/8	1/8

4. WATER-BEARING STRATA

DEPTH (FT) FROM	DEPTH (FT) TO	THICKNESS (FT)	FORMATION DESCRIPTION OF PRINCIPAL WATER-BEARING STRATA (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES)	YIELD (GPM)
13	29	16	SAND	UK
29	35	6	SAND CLAY	UK
85	95	10	SAND	UK
95	128	33	SAND CLAY	UK

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA	TOTAL ESTIMATED WELL YIELD (GPM)
N/A	

FOR OSE INTERNAL USE — WELL RECORD & LOG (Version 6/9/08)

FILE NUMBER	C-3000	POD NUMBER	2	TRN NUMBER	506486
LOCATION	Dom | Repl	23S.27E.3.332			PAGE 1 OF 2

5. SEAL AND PUMP

TYPE OF PUMP: ☐ SUBMERSIBLE ☐ JET ☐ NO PUMP – WELL NOT EQUIPPED ☐ TURBINE ☐ CYLINDER ☑ OTHER – SPECIFY: UNKNOWN

ANNULAR SEAL AND GRAVEL PACK	DEPTH (FT) FROM	DEPTH (FT) TO	BORE HOLE DIA. (IN)	MATERIAL TYPE AND SIZE	AMOUNT (CUBIC FT)	METHOD OF PLACEMENT
	0	20	14	CEMENT & GROUT	8	TOP

6. GEOLOGIC LOG OF WELL

DEPTH (FT) FROM	DEPTH (FT) TO	THICKNESS (FT)	COLOR AND TYPE OF MATERIAL ENCOUNTERED (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES)	WATER BEARING?
0	2	2	TOPSOIL	☐ YES ☑ NO
2	13	11	CALICHE	☐ YES ☑ NO
13	29	16	SAND	☑ YES ☐ NO
29	35	6	SAND CLAY	☑ YES ☐ NO
35	68	33	CLAY	☐ YES ☑ NO
68	69	1	YELLOW CLAY	☐ YES ☑ NO
69	85	16	CLAY	☐ YES ☑ NO
85	95	10	SAND	☑ YES ☐ NO
95	128	33	SAND CLAY	☑ YES ☐ NO
128	132	4	GRAVEL	☐ YES ☑ NO
132	140	8	SANDSTONE	☐ YES ☑ NO
140	144	4	RED CLAY	☐ YES ☑ NO
144	146	2	ROCK	☐ YES ☑ NO
146	148	2	GRAVEL	☐ YES ☑ NO
148	150	2	CLAY	☐ YES ☑ NO
				☐ YES ☐ NO
				☐ YES ☐ NO

ATTACH ADDITIONAL PAGES AS NEEDED TO FULLY DESCRIBE THE GEOLOGIC LOG OF THE WELL

7. TEST & ADDITIONAL INFO

WELL TEST: METHOD: ☐ BAILER ☐ PUMP ☐ AIR LIFT ☐ OTHER – SPECIFY: N/A

TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

ADDITIONAL STATEMENTS OR EXPLANATIONS:

2012 AUG 21 A 8:13 STATE ENGINEER OFFICE ROSWELL, NEW MEXICO

8. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 20 DAYS AFTER COMPLETION OF WELL DRILLING:

John Mann — SIGNATURE OF DRILLER

8-10-12 — DATE

FOR OSE INTERNAL USE — WELL RECORD & LOG (Version 6/9/08)

FILE NUMBER	C-3900	POD NUMBER	2	TRN NUMBER	506486
LOCATION	Dom Rep	23S.27E.3.332			PAGE 2 OF 2

ENSOLUM

APPENDIX B

Waterway Review

On Pointe CONSULTING

PO Box 617
Firestone, CO 80520

January 19, 2025

Ms. Ashley Giovengo
Associate Principal
Ensolum, LLC

RE: Waterway Review for the Shepherd Dalmatian CTB Project

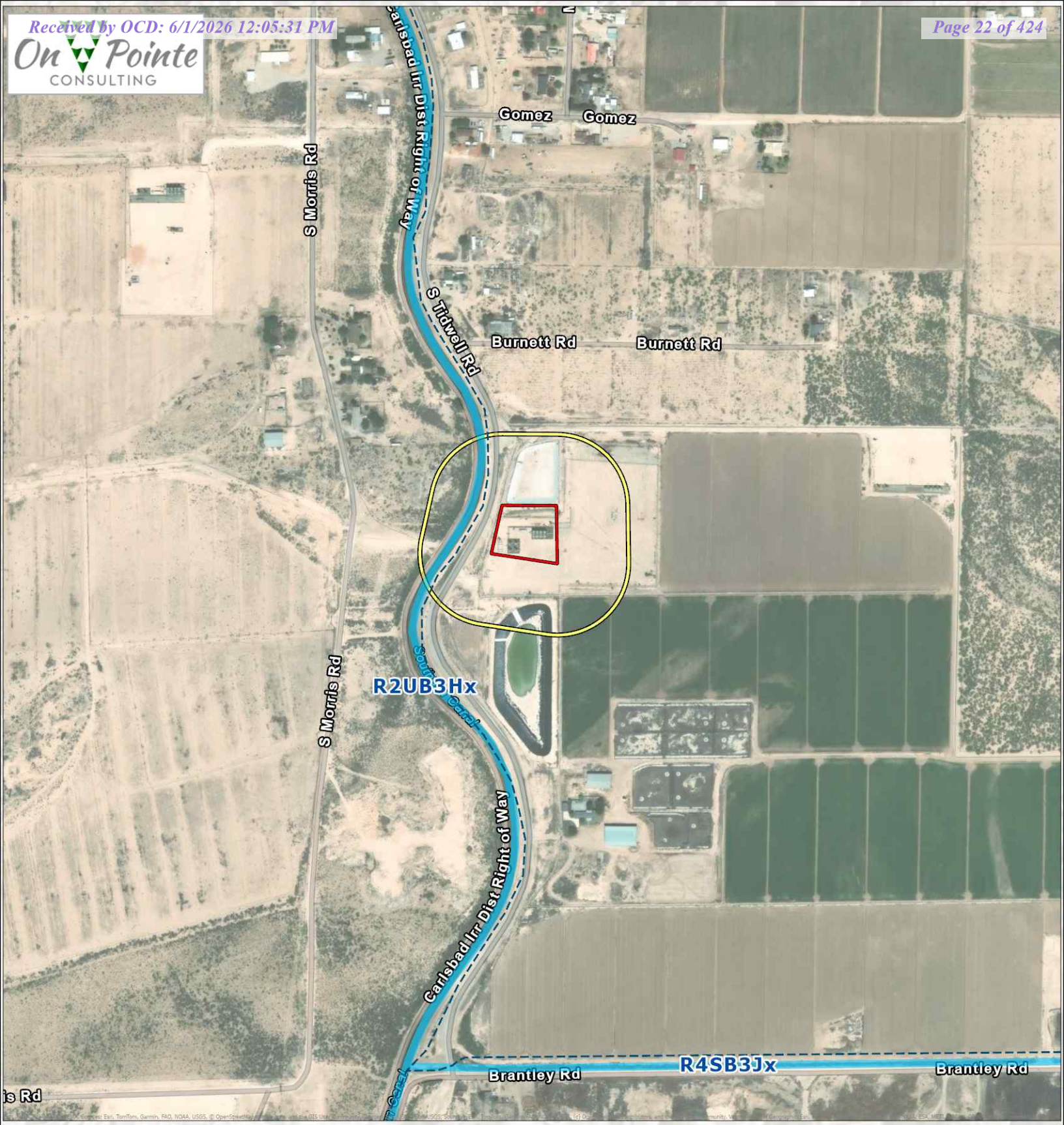
On Pointe Consulting's (On Pointe's) Professional Wetland Scientist Liz Carner (PWS Certification #2450) conducted a site visit on January 10, 2025, to review a waterway with potential to be identified as a significant water source.

The waterway in question is an excavated irrigation canal with packed dirt and gravel banks. No wetlands were identified within the R2UB3Hx NWI polygon. Three upland USACE Wetland Determination Forms (attached) were recorded in the irrigation ditch (UPL-01, UPL-02, UPL-03). The irrigation canal was not active at the time of the site visit and is completely separated from the spill area by the high banks of the canal.

Liz Carner, PWS #2450

Attachments:
Figures
Photos
USACE Wetland Determination Forms
Liz Carner, PWS Resume

On Pointe CONSULTING



Legend

- Project Area
- Survey Area (300' Buffer)
- National Hydrography Dataset (NHD)

National Wetland Inventory (NWI)

- Riverine

Figure 1. Shepherd Dalmatian NHD/NWI Map

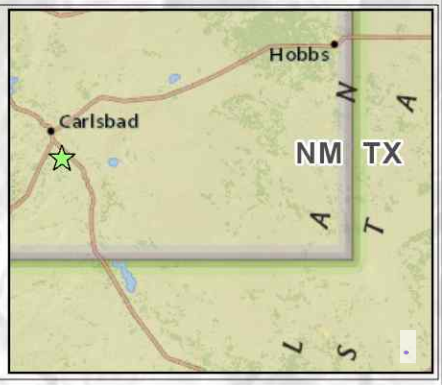
Eddy County, New Mexico

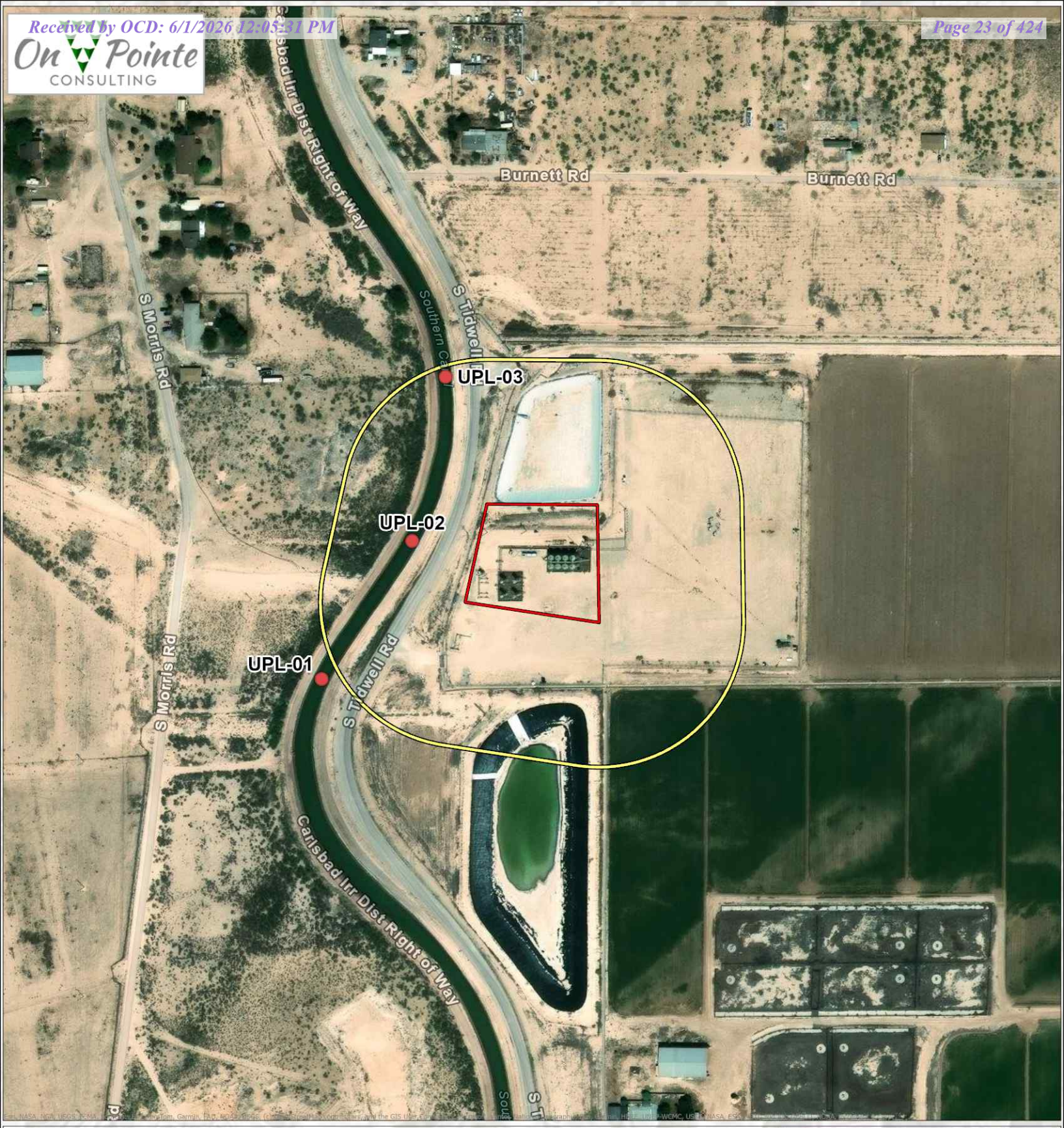
N

0 1,000 Feet

0 150 300 Meters

Spatial Reference:
WGS 1984 UTM Zone 13N





Legend

- Upland Data Point
- Project Area
- Survey Area (300' Buffer)

Figure 2. Shepherd Dalmatian Survey Results Map

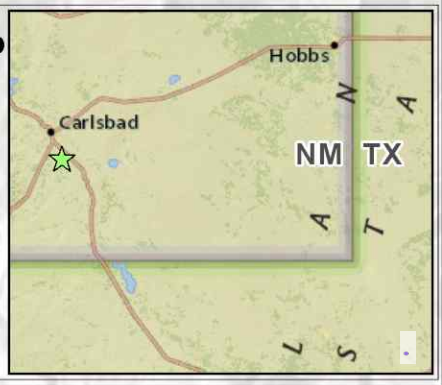
Eddy County, New Mexico

N

0 500 Feet

0 100 Meters

Spatial Reference:
WGS 1984 UTM Zone 13N



Photograph 1: UPL-01, facing southwest

Photograph 2: UPL-01, facing northeast

Photograph 3: UPL-02, facing southwest

Photograph 4: UPL-02, facing northeast

Photograph 5: UPL-03, facing southwest

Photograph 6: UPL-03, facing northeast

U.S. Army Corps of Engineers
WETLAND DETERMINATION DATA SHEET – Arid West Region
See ERDC/EL TR-08-28; the proponent agency is CECW-COR

OMB Control #: 0710-0024, Exp: 09/30/2027
Requirement Control Symbol EXEMPT:
(Authority: AR 335-15, paragraph 5-2a)

Project/Site: Shepherd Dalmatian CTB City/County: Eddy County Sampling Date: 2026-01-18
Applicant/Owner: Ensolum State: New Mexico Sampling Point: UPL-01
Investigator(s): Liz Carner, PWS Section, Township, Range: sec 03 T023S R027E
Landform (hillside, terrace, etc.): Channel Local relief (concave, convex, none): Concave Slope (%): 0-2
Subregion (LRR): LRR G, MLRA 70B Lat: 32.332599 Long: -104.185445 Datum: WGS84
Soil Map Unit Name: Reagan loam, 0 to 1 percent slopes NWI classification: R2UB3Hx
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✓ No ____ (If no, explain in Remarks.)
Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes ✓ No ____
Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes ____ No ✓
Hydric Soil Present? Yes ____ No ✓
Wetland Hydrology Present? Yes ____ No ✓

Is the Sampled Area within a Wetland? **Yes** ____ **No** ✓

Remarks:
No wetland in excavated irrigation canal. No vegetation present, compacted bed.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 30' radius)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	0	=Total Cover	
Sapling/Shrub Stratum (Plot size: 30' radius)			
1.			
2.			
3.			
4.			
5.			
	0	=Total Cover	
Herb Stratum (Plot size: 30' radius)			
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
	0	=Total Cover	
Woody Vine Stratum (Plot size: 30' radius)			
1.			
2.			
	0	=Total Cover	

% Bare Ground in Herb Stratum 0 % Cover of Biotic Crust ____

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)
Total Number of Dominant Species Across All Strata: 0 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: ____ (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	0	x 1 =	0
FACW species	0	x 2 =	0
FAC species	0	x 3 =	0
FACU species	0	x 4 =	0
UPL species	0	x 5 =	0
Column Totals:	0 (A)		0.00 (B)

Prevalence Index = B/A = ____

Hydrophytic Vegetation Indicators:
____ Dominance Test is >50%
____ Prevalence Index is ≤3.0[1]
____ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
____ Problematic Hydrophytic Vegetation[1] (Explain)
[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? **Yes** ____ **No** ✓

Remarks:
No vegetation present

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SOIL

Sampling Point: UPL-01

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-0								

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5) **(LRR C)**
- ___ 1 cm Muck (A9) **(LRR D)**
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Iron Monosulfide (A18)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 1 cm Muck (A9) **(LRR C)**
- ___ 2 cm Muck (A10) **(LRR B)**
- ___ Iron-Manganese Masses (F12) **(LRR D)**
- ___ Reduced Vertic (F18)
- ___ Red Parent Material (F21)
- ___ Very Shallow Dark Surface (F22)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: Compaction

Depth (inches): 0

Hydric Soil Present? Yes ___ No ✓

Remarks:

No soil pit - unvegetated excavated irrigation canal

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1) **(Nonriverine)**
- ___ Sediment Deposits (B2) **(Nonriverine)**
- ___ Drift Deposits (B3) **(Nonriverine)**
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Water-Stained Leaves (B9)
- ___ Salt Crust (B11)
- ___ Biotic Crust (B12)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres on Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ___ Water Marks (B1) **(Riverine)**
- ___ Sediment Deposits (B2) **(Riverine)**
- ___ Drift Deposits (B3) **(Riverine)**
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present?	Yes ___	No ✓	Depth (inches): ___
Water Table Present?	Yes ___	No ✓	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No ✓	Depth (inches): ___

Wetland Hydrology Present? Yes ___ No ✓

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

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AGENCY DISCLOSURE NOTIFICATION

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PRIVACY ACT STATEMENT

Authorities: Rivers and Harbors Act, Section 10, 33 USC 403; Clean Water Act, Section 404, 33 USC 1344; Marine Protection, Research, and Sanctuaries Act, Section 103, 33 USC 1413; Regulatory Programs of the Corps of Engineers; Final Rule 33 CFR 320-332. Principal Purpose: Information provided on this form will be used in evaluating the application for a permit. Routine Uses: This information may be shared with the Department of Justice and other federal, state, and local government agencies, and the public and may be made available as part of a public notice as required by Federal law. Submission of requested information is voluntary, however, if information is not provided the permit application cannot be evaluated nor can a permit be issued. One set of original drawings or good reproducible copies which show the location and character of the proposed activity must be attached to this application (see sample drawings and/or instructions) and be submitted to the District Engineer having jurisdiction over the location of the proposed activity. An application that is not completed in full will be returned. System of Record Notice (SORN). The information received is entered into our permit tracking database and a SORN has been completed (SORN #A1145b) and may be accessed at the following website: http://dpcld.defense.gov/Privacy/SORNsIndex/DOD-wide-SORN-Article-View/Article/570115/a1145b-ce.aspx

U.S. Army Corps of Engineers
WETLAND DETERMINATION DATA SHEET – Arid West Region
See ERDC/EL TR-08-28; the proponent agency is CECW-COR

OMB Control #: 0710-0024, Exp: 09/30/2027
Requirement Control Symbol EXEMPT:
(Authority: AR 335-15, paragraph 5-2a)

Project/Site: Shepherd Dalmatian CTB City/County: Eddy County Sampling Date: 2026-01-18
Applicant/Owner: Ensolum State: New Mexico Sampling Point: UPL-02
Investigator(s): Liz Carner, PWS Section, Township, Range: sec 03 T023S R027E
Landform (hillside, terrace, etc.): Channel Local relief (concave, convex, none): Concave Slope (%): 0-2
Subregion (LRR): LRR G, MLRA 70B Lat: 32.333382 Long: -104.184820 Datum: WGS84
Soil Map Unit Name: Upton gravelly loam, 0 to 9 percent slopes NWI classification: R2UB3Hx
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✓ No ____ (If no, explain in Remarks.)
Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes ✓ No ____
Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ____	No ✓	**Is the Sampled Area within a Wetland?** Yes ____ No ✓
Hydric Soil Present?	Yes ____	No ✓	
Wetland Hydrology Present?	Yes ____	No ✓	

Remarks:
No wetland in excavated irrigation canal. No vegetation present, compacted bed.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 30' radius)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	0 =Total Cover		
Sapling/Shrub Stratum (Plot size: 30' radius)			
1.			
2.			
3.			
4.			
5.			
	0 =Total Cover		
Herb Stratum (Plot size: 30' radius)			
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
	0 =Total Cover		
Woody Vine Stratum (Plot size: 30' radius)			
1.			
2.			
	0 =Total Cover		

% Bare Ground in Herb Stratum 0 % Cover of Biotic Crust ____

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)
Total Number of Dominant Species Across All Strata: 0 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: ____ (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	0	x 1 =	0
FACW species	0	x 2 =	0
FAC species	0	x 3 =	0
FACU species	0	x 4 =	0
UPL species	0	x 5 =	0
Column Totals:	0 (A)		0.00 (B)

Prevalence Index = B/A = ____

Hydrophytic Vegetation Indicators:
____ Dominance Test is >50%
____ Prevalence Index is ≤3.0[1]
____ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
____ Problematic Hydrophytic Vegetation[1] (Explain)
[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes ____ No ✓

Remarks:
No vegetation present

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SOIL

Sampling Point: UPL-02

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-0								

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5) **(LRR C)**
- ___ 1 cm Muck (A9) **(LRR D)**
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Iron Monosulfide (A18)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 1 cm Muck (A9) **(LRR C)**
- ___ 2 cm Muck (A10) **(LRR B)**
- ___ Iron-Manganese Masses (F12) **(LRR D)**
- ___ Reduced Vertic (F18)
- ___ Red Parent Material (F21)
- ___ Very Shallow Dark Surface (F22)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: Compaction

Depth (inches): 0

Hydric Soil Present? Yes ___ No ✓

Remarks:

No soil pit - unvegetated excavated irrigation canal

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1) **(Nonriverine)**
- ___ Sediment Deposits (B2) **(Nonriverine)**
- ___ Drift Deposits (B3) **(Nonriverine)**
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Water-Stained Leaves (B9)
- ___ Salt Crust (B11)
- ___ Biotic Crust (B12)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres on Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ___ Water Marks (B1) **(Riverine)**
- ___ Sediment Deposits (B2) **(Riverine)**
- ___ Drift Deposits (B3) **(Riverine)**
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes ___ No ✓ Depth (inches): ___

Water Table Present? Yes ___ No ✓ Depth (inches): ___

Saturation Present? Yes ___ No ✓ Depth (inches): ___

(includes capillary fringe)

Wetland Hydrology Present? Yes ___ No ✓

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

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U.S. Army Corps of Engineers
WETLAND DETERMINATION DATA SHEET – Arid West Region
See ERDC/EL TR-08-28; the proponent agency is CECW-COR

OMB Control #: 0710-0024, Exp: 09/30/2027
Requirement Control Symbol EXEMPT:
(Authority: AR 335-15, paragraph 5-2a)

Project/Site: Shepherd Dalmatian CTB City/County: Eddy County Sampling Date: 2026-01-18
Applicant/Owner: Ensolum State: New Mexico Sampling Point: UPL-03
Investigator(s): Liz Carner, PWS Section, Township, Range: sec 03 T023S R027E
Landform (hillside, terrace, etc.): Channel Local relief (concave, convex, none): Concave Slope (%): 0-2
Subregion (LRR): LRR G, MLRA 70B Lat: 32.334316 Long: -104.184597 Datum: WGS84
Soil Map Unit Name: Upton gravelly loam, 0 to 9 percent slopes NWI classification: R2UB3Hx
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✓ No ____ (If no, explain in Remarks.)
Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes ✓ No ____
Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ____	No ✓	**Is the Sampled Area within a Wetland?** Yes ____ No ✓
Hydric Soil Present?	Yes ____	No ✓	
Wetland Hydrology Present?	Yes ____	No ✓	

Remarks:
No wetland in excavated irrigation canal. No vegetation present, compacted bed.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 30' radius)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	0	=Total Cover	
Sapling/Shrub Stratum (Plot size: 30' radius)			
1.			
2.			
3.			
4.			
5.			
	0	=Total Cover	
Herb Stratum (Plot size: 30' radius)			
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
	0	=Total Cover	
Woody Vine Stratum (Plot size: 30' radius)			
1.			
2.			
	0	=Total Cover	

% Bare Ground in Herb Stratum 0 % Cover of Biotic Crust ____

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)
Total Number of Dominant Species Across All Strata: 0 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: ____ (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	0	x 1 =	0
FACW species	0	x 2 =	0
FAC species	0	x 3 =	0
FACU species	0	x 4 =	0
UPL species	0	x 5 =	0
Column Totals:	0 (A)		0.00 (B)

Prevalence Index = B/A = ____

Hydrophytic Vegetation Indicators:
____ Dominance Test is >50%
____ Prevalence Index is ≤3.0[1]
____ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
____ Problematic Hydrophytic Vegetation[1] (Explain)
[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes ____ No ✓

Remarks:
No vegetation present

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SOIL

Sampling Point: UPL-03

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	%	Redox Features Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-0								

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5) **(LRR C)**
- ___ 1 cm Muck (A9) **(LRR D)**
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Iron Monosulfide (A18)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 1 cm Muck (A9) **(LRR C)**
- ___ 2 cm Muck (A10) **(LRR B)**
- ___ Iron-Manganese Masses (F12) **(LRR D)**
- ___ Reduced Vertic (F18)
- ___ Red Parent Material (F21)
- ___ Very Shallow Dark Surface (F22)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: Compaction

Depth (inches): 0

Hydric Soil Present? Yes ___ No ✓

Remarks:

No soil pit - unvegetated excavated irrigation canal

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1) **(Nonriverine)**
- ___ Sediment Deposits (B2) **(Nonriverine)**
- ___ Drift Deposits (B3) **(Nonriverine)**
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- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres on Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
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- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ___ Water Marks (B1) **(Riverine)**
- ___ Sediment Deposits (B2) **(Riverine)**
- ___ Drift Deposits (B3) **(Riverine)**
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes ___ No ✓ Depth (inches): ___

Water Table Present? Yes ___ No ✓ Depth (inches): ___

Saturation Present? Yes ___ No ✓ Depth (inches): ___

(includes capillary fringe)

Wetland Hydrology Present? Yes ___ No ✓

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

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RESUME OF QUALIFICATIONS

Education

B.S., Environmental and Forest Biology 2003
SUNY College of Environmental Science and Forestry Syracuse, NY

Capabilities

- *Wetland Delineation Surveys*
- *District-Specific Wetland Functional Assessments*
- *T&E Surveys and Habitat Assessments*
- *Avian & MBTA Clearance Surveys*
- *Vegetation Surveys & Monitoring*
- *Biological Monitoring*
- *Field Survey Coordination & Management*
- *Data Management and QA/QC*
- *Project and Task Management*
- *Environmental Regulatory Report Writing & Permitting*
- *Agency Coordination*

Certifications & Trainings

- *Professional Wetland Scientist (PWS), Society of Wetland Scientists*
- *USACE Wetland Delineation Cert. of Training (40hr course)*
- *Functional Assessments and HGM for Wetlands*
- *Advanced Hydrology for Jurisdictional Determinations*
- *Advanced Hydric Soils*
- *Identification of OHWM/Bankfull for USACE Permitting*
- *BLM Special Status Plant Species Identification Training, Carlsbad, NM Field Office*

Liz Carner, PWS

Co-Founder, Senior Scientist, Project Manager

Liz Carner offers over 20 years of experience as both an independent natural resources consultant and an ecologist for private environmental consultant companies. At On Pointe Consulting, Ms. Carner strives to provide the highest quality field data and act as a liaison between her clients and regulatory agencies, to both protect natural resources while also providing for development and recreational opportunities. Ms. Carner has been certified by the Society of Wetland Scientists as a Professional Wetland Scientist (PWS) (**Certificate #2450**) and will deliver quality, *on pointe* data using a variety of data collection methodologies and standards. She has successfully completed biological field surveys throughout many regions in the U.S., including the Arid West, Intermountain West, Great Plains, Mid Atlantic, Midwest, and the southeast U.S.

Ms. Carner's experience as a field biologist is varied and includes a wide range of field survey skills. She excels at managing and conducting wetland and watercourse delineations and district-specific functional assessments, utilizing applicable U.S. Army Corps of Engineers (USACE) Regional Supplements. She is very familiar with the USACE's current interpretations of jurisdiction under Section 401/404 of the Clean Water Act and will make recommendations to clients for permitting and mitigation requirements. She has conducted wildlife and plant habitat assessments for federal and state threatened and endangered (T&E) species and migratory birds, as well as developed protocols for and completed Migratory Bird Treaty Act (MBTA) nest surveys and monitoring. She has performed wildlife and rare plant species surveys for identification and inventory purposes. Ms. Carner can perform baseline vegetation inventories, vegetation monitoring, and vegetation community mapping using a variety of quantitative and qualitative vegetation sampling methods, including quadrat, Daubenmire, line-intercept, belt transect, and timed-meander search methods.

Once field surveys have been completed, Ms. Carner is proficient at authoring technical reports to summarize field data collection methodologies and results. She is familiar with the reporting requirements for National Environmental Policy Act (NEPA) documentation, including Categorical Exclusions, Letters of Permission, Environmental Assessments, and Environmental Impact Statements. She has provided written documentation of wetland delineations, wetland functional assessments, T&E habitat assessments, MBTA clearance surveys, and vegetation assessments for USACE Nationwide Permits and Individual Permits.

Ms. Carner has extensive experience managing natural resource projects. She will make project design recommendations to minimize impacts and save time and budget. She can manage the logistics of large projects and supervision of several field crews throughout the duration of the project. Ms. Carner can help clients navigate through the regulations applicable to their projects and obtain permits in a timely manner while adhering to the project schedule and budget.

Ms. Carner co-founded On Pointe Consulting in order to provide clients with high quality, science-based field survey data and manage projects with an eye for detail and the best interests of both the client and the environment in mind.

RESUME OF QUALIFICATIONS
Liz Carner

Representative Project Experience (Additional Projects Available on Request)

Wetland Delineation and Listed Species Assessment: GreenView Logistics Project. Navajo Nation.
Ms. Carner conducted and managed wetland delineation and listed species habitat assessments for the GreenView Logistics project, which was partially located within the Navajo Nation in New Mexico and Arizona. She used the Arid West USACE Regional Supplement to assess potential waterways and wetlands, identified and mapped the locations of listed noxious weed species, and evaluated potential habitat for state and federally listed wildlife and plant species, as well as species identified as species of concern by the Navajo Nation.

Wetland Delineation and T&E Habitat Assessment: Double E Pipeline Project. New Mexico and West Texas.
Ms. Carner conducted wetland and stream delineations, and various studies for a proposed 135-mile FERC-regulated pipeline. She used the Arid West and Great Plains USACE Regional supplements to assess waterways and wetlands and conducted habitat assessments for threatened and endangered species/habitats, raptor and migratory bird nests, noxious weeds, and biological monitoring and trench monitoring during construction. Western burrowing owls and other migratory birds were also nesting at project areas and were buffered/monitored during project construction.

Wetland Delineation and T&E Habitat Assessment: Double E Lateral Projects. New Mexico.
Ms. Carner managed and conducted wetland and stream delineations, and various studies for multiple laterals to the 135-mile FERC regulated Double E pipeline. She used the Arid West and Great Plains USACE Regional supplements to assess waterways and wetlands and conducted habitat assessments for threatened and endangered species/habitats, raptor and migratory bird nests and noxious weeds. She conducted surveys for the recently listed Dunes Sagebrush Lizard and Lesser Prairie Chicken and coordinated with BLM and USFWS to minimize and mitigate project impacts to these species. Western burrowing owls and other migratory birds were also nesting at project areas and were buffered/monitored during project construction.

Wetland Delineation and T&E Habitat Assessment: Confidential Pipeline Project. New Mexico and West Texas.
Ms. Carner conducted wetland and stream delineations, and various studies for a proposed multiple gathering line laterals in New Mexico and West Texas. She used the Arid West and Great Plains USACE Regional Supplements to assess potential waterways and wetlands, identified and mapped the locations of listed noxious weed species, and evaluated potential habitat for state and federally listed wildlife and plant species. She coordinated with the USACE and USFWS for permit approval.

Confidential Solar Energy Projects for Wetland Delineation Services and T&E Habitat Assessment. Colorado.
Ms. Carner biologists provided baseline site assessments and wetland delineation services on two proposed large-scale solar farm sites, totaling over 6,000 acres near Pueblo, Colorado. Approximately 9 miles of stream banks and adjacent riparian habitat were delineated, 200 acres of black-tailed prairie dog colonies were mapped, and 1,000s of acres of short and mixed-grass rangeland were assessed and photo documented. Habitat was assessed for T&E species and species of concern and potential avian nesting habitat was documented.

ENSOLUM

APPENDIX C

Lithologic Soil Sampling Logs

ENSOLUM

	Sample Name: PH01	Date: 7/23/2025
	Site Name: Shepherd Dalmation CTB	
	Incident Number: nAPP2515181503	
	Job Number: 03A1987180	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Jenna Hinkle	Method: BackHoe
Coordinates: 32.333310 -104.183940	Hole Diameter: 2'	Total Depth: 2'

Comments: Field screening conducted with HACH Chloride Test Strips and PetroFLAG® for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factors included.

Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D			N		0	0	CCHE	Dry, No staining, Caliche w/ medium to large sized gravel, medium to coarse grained non-cohesive, non-plasticity
D	1,198		N	PH01	1	1	SP-SM	Dry, No staining, Poorly graded sand with silt and gravel, fine to coarse grained with medium to large sized gravel, non-cohesive, non-plasticity
D	397	25	N		2	2		

Total Depth @ 2 feet bgs.

ENSOLUM	Sample Name: PH02	Date: 7/23/2025
	Site Name: Shepherd Dalmation CTB	
	Incident Number: nAPP2515181503	
	Job Number: 03A1987180	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Jenna Hinkle	Method: Backhoe
Coordinates: 32.333381 -104.183967	Hole Diameter: 2'	Total Depth: 3'

Comments: Field screening conducted with HACH Chloride Test Strips and PetroFLAG® for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factors included.

Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D			N		0	0	CCHE	Dry, No staining, Caliche w/ medium to large sized gravel, medium to coarse grained non-cohesive, non-plasticity
D	1,601		N	PH02	1	1	SP-SM	Dry, No staining, Poorly graded sand with silt and gravel, fine to coarse grained with medium to large sized gravel, non-cohesive, non-plasticity
D	515		N		2	2		
D	257		N		3	3		

Total Depth@ 3 feet bgs.

ENSOLUM	Sample Name: BH03	Date: 7/23/2025
	Site Name: Shepherd Dalmation CTB	
	Incident Number: nAPP2515181503	
	Job Number: 03A1987180	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Jenna Hinkle	Method: Handauger
Coordinates: 32.333455 -104.183983	Hole Diameter: 3"	Total Depth: 3'

Comments: Field screening conducted with HACH Chloride Test Strips and PetroFLAG ® for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factors included.

Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D			N		0	0		
D	431		N		1	1		
				BH03			SP-SM	Dry, No staining, Poorly graded sand with silt and gravel, fine to coarse grained with medium to large sized gravel, non-cohesive, non-plasticity
D	660		N		2	2		
D	ND	ND	N		3	3		

Total Depth @ 3 feet bgs.

ENSOLUM

	Sample Name: PH04	Date: 7/23/2025
	Site Name: Shepherd Dalmation CTB	
	Incident Number: nAPP2515181503	
	Job Number: 03A1987180	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Jenna Hinkle	Method: Handauger
Coordinates: 32.333381 -104.183896	Hole Diameter: 3"	Total Depth: 5'

Comments: Field screening conducted with HACH Chloride Test Strips and PetroFLAG® for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factors included.

Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D			N	BH04	0	0	CCHE	Dry, No staining, Caliche w/ medium to large sized gravel, medium to coarse grained non-cohesive, non-plasticity
D	5,017		N		1	1	SP-SM	Dry, No staining, Poorly graded sand with silt and gravel, fine to coarse grained with medium to large sized gravel, non-cohesive, non-plasticity
D	2,111		N		2	2		
D	1,204		N		3	3		
D	593		N		4	4		
D	296		N		5	5		

Total Depth @ 5 feet bgs.

ENSOLUM

	Sample Name: PH05	Date: 7/23/2025
	Site Name: Shepherd Dalmation CTB	
	Incident Number: nAPP2515181503	
	Job Number: 03A1987180	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Jenna Hinkle	Method: Backhoe
Coordinates: 32.333093 -104.183759	Hole Diameter: 2'	Total Depth: 2'

Comments: Field screening conducted with HACH Chloride Test Strips and PetroFLAG® for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factors included.

Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D			N		0	0	CCHE	Dry, No staining, Caliche w/ medium to large sized gravel, medium to coarse grained non-cohesive, non-plasticity
D	ND		N	PH05	1	1	SP-SM	Dry, No staining, Poorly graded sand with silt and gravel, fine to coarse grained with medium to large sized gravel, non-cohesive, non-plasticity
D	ND		N		2	2		

Total Depth @ 2 feet bgs.

ENSOLUM	Sample Name: PH06	Date: 7/23/2025
	Site Name: Shepherd Dalmation CTB	
	Incident Number: nAPP2515181503	
	Job Number: 03A1987180	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Jenna Hinkle	Method: Backhoe
Coordinates: 32.333394 -104.184151	Hole Diameter: 2'	Total Depth: 3'

Comments: Field screening conducted with HACH Chloride Test Strips and PetroFLAG® for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factors included.

Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D			N	PH06	0	0	CCHE	Dry, No staining, Caliche w/ medium to large sized gravel, medium to coarse grained non-cohesive, non-plasticity
D	711		N		1	1	SP-SM	Dry, No staining, Poorly graded sand with silt and gravel, fine to coarse grained with medium to large sized gravel, non-cohesive, non-plasticity
D	711		N		2	2		
D	246		N		3	3		

Total Depth@ 3 feet bgs.

ENSOLUM

	Sample Name: PH07	Date: 7/23/2025
	Site Name: Shepherd Dalmation CTB	
	Incident Number: nAPP2515181503	
	Job Number: 03A1987180	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Jenna Hinkle	Method: Backhoe
Coordinates: 32.333409 -104.183827	Hole Diameter: 2'	Total Depth: 4'

Comments: Field screening conducted with HACH Chloride Test Strips and PetroFLAG® for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factors included.

Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D			N		0	0	CCHE	Dry, No staining, Caliche w/ medium to large sized gravel, medium to coarse grained non-cohesive, non-plasticity
D	1,500		N		1	1	SP-SM	Dry, No staining, Poorly graded sand with silt and gravel, fine to coarse grained with medium to large sized gravel, non-cohesive, non-plasticity
D	1,114		N	PH07	2	2		
D	660		N		3	3		
D	190		N		4	4		

Total Depth @ 4 feet bgs.

ENSOLUM

	Sample Name: PH08	Date: 7/23/2025
	Site Name: Shepherd Dalmation CTB	
	Incident Number: nAPP2515181503	
	Job Number: 03A1987180	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Jenna Hinkle	Method: Backhoe
Coordinates: 32.333331 -104.184313	Hole Diameter: 2'	Total Depth: 2'

Comments: Field screening conducted with HACH Chloride Test Strips and PetroFLAG® for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factors included.

Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D			N		0	0	CCHE	Dry, No staining, Caliche w/ medium to large sized gravel, medium to coarse grained non-cohesive, non-plasticity
D	431		N	PH08	1	1	SP-SM	Dry, No staining, Poorly graded sand with silt and gravel, fine to coarse grained with medium to large sized gravel, non-cohesive, non-plasticity
D	257		N		2	2		

Total Depth @ 2 feet bgs.

ENSOLUM	Sample Name: BH09	Date: 7/23/2025
	Site Name: Shepherd Dalmation CTB	
	Incident Number: nAPP2515181503	
	Job Number: 03A1987180	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Jenna Hinkle	Method: Handauger
Coordinates: 32.333471 -104.183889	Hole Diameter: 3"	Total Depth: 2'

Comments: Field screening conducted with HACH Chloride Test Strips and PetroFLAG® for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factors included.

Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D			N		0	0		
D	ND		N	BH09	1	1	SP-SM	Dry, No staining, Poorly graded sand with silt and gravel, fine to coarse grained with medium to large sized gravel, non-cohesive, non-plasticity
D	244		N		2	2		

Total Depth @ 2 feet bgs.

ENSOLUM

Sample Name: BH10	Date: 9/10/2025	
Site Name: Shepherd Dalmatian CTB		
Incident Number: nAPP2515181503		
Job Number: 03A1987180		
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: US, IE	Method: Hand Auger
Coordinates: 32.333019, -104.183982	Hole Diameter: 3"	Total Depth: 6'9"

Comments: Field screening conducted with HACH Chloride Test Strips and PetroFLAG® for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% correction factors included in all chloride screenings.

Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D			Y	BH10	0	0	CCHE	Caliche w/ medium to large sized gravel, medium to coarse grained non-cohesive, nonplastic
D	2,100		N	BH10	1	1	SP	Sand with trace clay, brown, low plasticity, poorly graded.
D	2,553		N			2		
D	3,343		N	BH10	3	3		
D	<3,589		N			4		
D	5,308		N	BH10	5	5		
D	4,088		N			6		
D	4,468		N	BH10	6'9"	6'9"		

Refusal @ 6 foot 9 inches bgs.

ENSOLUM

Sample Name: BH11	Date: 9/10/2025	
Site Name: Shepherd Dalmatian CTB		
Incident Number: nAPP2515181503		
Job Number: 03A1987180		
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: US, IE	Method: Hand Auger
Coordinates: 32.333029, -104.183596	Hole Diameter: 3"	Total Depth: 3'

Comments: Field screening conducted with HACH Chloride Test Strips and PetroFLAG® for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% correction factors included in all chloride screenings.

Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D			Y	BH11	0	0	CCHE	Caliche w/ medium to large sized gravel, medium to coarse grained non-cohesive, nonplastic
M	397	29	N	BH11	1	1	SP	Sand with few clay, dark brown, low plasticity, poorly graded.
M	347		N			2		
M	515		N			3		

Total Depth @ 3 feet bgs

ENSOLUM

	Sample Name: BH12	Date: 9/10/2025
	Site Name: Shepherd Dalmatian CTB	
	Incident Number: nAPP2515181503	
	Job Number: 03A1987180	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: US, IE	Method: Hand Auger
Coordinates: 32.333176, -104.183801	Hole Diameter: 3"	Total Depth: 5'

Comments: Field screening conducted with HACH Chloride Test Strips and PetroFLAG® for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% correction factors included in all chloride screenings.

Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D			Y	BH12	0	0	CCHE	Caliche w/ medium to large sized gravel, medium to coarse grained non-cohesive, nonplastic
D	1,719		N	BH12	1	1		
D	1,495		N			2		
D	2,727		N	BH12	3	3	SP	Sand with few clay and silt, brown, poorly graded, non-plastic.
D	3,343		N			4		
D	4,088		N	BH12	5	5		

Refusal @ 5 feet bgs.

ENSOLUM

	Sample Name: BH13	Date: 3/24/2026
	Site Name: Shepherd Dalmatian CTB	
	Incident Number: nAPP2515181503	
	Job Number: 03A1987180	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Eric Plugge	Method: Core Drill
Coordinates:32.333138, -104.184016	Hole Diameter: 3"	Total Depth: 18'

Comments: Field screening conducted with HACH Chloride Test Strips and Petroflag for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factors included.

Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
M	3,405		S	BH13	0	0	CCHE	White/Tan Caliche, well graded fine to large gravel non plastic non cohesive
						1	SM	brown silty sand with minor clay moderatly sorted low plastic slightly cohesive
M	1,064		N	BH13	2	2		
						3	SC	brown sandy clay with caliche; slightly moist, fine to medium sand with low clay content, poorly to moderately sorted; increasing calcium carbonate, low plasticity, cohesive
M	739		N	BH13	4	4		
						5	SC	Dark brown clayey silt slightly moist; fine-grained; moderately cohesive; moderate plasticity; visible caliche
M	812		N	BH13	6	6		
						7	SC	Dark brown Sandy clay slightly moist; fine-grained; moderately cohesive; moderate plasticity, highly compact
M	3,405		N	BH13	8	8		
						9	CL	brown sand moist very fine grained dense and compact slightly cohesvive plastic gravel and pebbles observed
M	1943		N	BH13	10	10		
						11		

ENSOLUM

	Sample Name: BH13	Date: 3/24/2026
	Site Name: Shepherd Dalmatian CTB	
	Incident Number: Napp2515181503	
	Job Number: 03A1987180	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By:Eric Plugge	Method: Core Drill
Coordinates: 32.333138, -104.184016	Hole Diameter 2"	Total Depth: 18'

Comments: Field screening conducted with HACH Chloride Test Strips and Petroflag for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factors included.

Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
M	3,164		N	BH13	12	12	SM	Dark brown silty fine sand moist very fined grained dense moderatly sorted and compact minor clay content plastic and cohesive gravel
						13		
M	3,164		N	BH13	14	14		
						15		
M	1943		N	BH13	16	16		
						17		
M	1,154		N	BH13	18	18		

Total Depth @ 18 feet bgs.

ENSOLUM

	Sample Name: BH14	Date: 3/6/2026
	Site Name: Shepherd Dalmatian CTB	
	Incident Number: nAPP2515181503	
	Job Number: 03A1987180	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: LCL	Method: Backhoe
Coordinates: 32.333247, -104.184087	Hole Diameter: 2'	Total Depth: 11'

Comments: Field screening conducted with HACH Chloride Test Strips and Petroflag for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factors included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	24,886			BH14	0	0	SW-SC	0-1' - SAND WITH CLAY - soft, light brown (7.5YR 6/4), dry, low-plasticity, cohesive, well graded, with few small to large gravel (6-15%), granular, sharp lower boundary
D	846			BH14	1	1	SW-SC	1-2' - SAND - soft, pink (7.5YR 7/3), dry, non-plastic, non-cohesive, well graded, with few small to large gravel (6-15%), sharp lower boundaryN16:Q59
D	633			BH14	2	2	CH	2-3' - SANDY FAT CLAY - soft, brown (7.5YR 5/4), moist, friable, high plasticity, cohesive, well graded, with trace small gravel (<5%), subangular blocky structure, gradual lower boundary
M	454			BH14	3	3		
M	510			BH14	4	4	CL	3'-6' - SILTY LEAN CLAY - soft, light brown (7.5YR 6/4), moist, friable, medium plasticity, cohesive, well graded, with few small gravel (6-15%), granular
M	252			BH14	5	5		
M	510			BH14	6	6		
D	700				7	7	CH	6-9' - FAT CLAY - soft, reddish yellow (7.5YR 7/6), dry, friable, high plasticity, cohesive, poorly graded, granular
D	846			BH14	8	8		
D					9	9		
D					10	10	CH	9-11' - FAT CLAY - soft, reddish yellow (7.5YR 6/6), dry, friable, high plasticity, cohesive, poorly graded, granular
D	1,086			BH14	11	11	CL	11' - LEAN CLAY WITH GRAVEL - soft, reddish yellow (7.5YR 6/6), dry, friable, medium plasticity, cohesive, well graded, with few small gravel (6-15%), granular
						12		

ENSOLUM

Sample Name: BH15	Date: 3-6-2026	
Site Name: Shepherd Dalmatian CTB		
Incident Number: nAPP2515181503		
Job Number: 03A1987180		
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: LCL	Method: Backhoe
Coordinates: 32.333253, -104.183987	Hole Diameter: 2'	Total Depth: 11'

Comments: Field screening conducted with HACH Chloride Test Strips. Chloride test performed with a 1:4 dilution factor of soil to water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	14,409			BH15	0	0	SW-SC	0-1' - SAND WITH CLAY - soft, light brown (7.5YR 6/4), dry, low-plasticity, cohesive, well graded, with few small to large gravel (6-15%), granular, sharp lower boundary
D	252			BH15	1	1	SW	1-2' - SAND - soft, pink (7.5YR 7/3), dry, non-plastic, non-cohesive, well graded, with few small to large gravel (6-15%), sharp lower boundary
D	213			BH15	2	2	CH	2-3' - SANDY FAT CLAY - soft, brown (7.5YR 5/4), moist, friable, high plasticity, cohesive, well graded, with trace small gravel (<5%), subangular blocky structure,
M	398			BH15	3	3	CL	3'-6' - SILTY LEAN CLAY - soft, light brown (7.5YR 6/4), moist, friable, medium plasticity, cohesive, well graded, with few small gravel (6-15%), granular
M	1,086			BH15	4	4		
M	1,271				5	5		
D	1,176			BH15	6	6	CH	6-9' - FAT CLAY - soft, reddish yellow (7.5YR 7/6), dry, friable, high plasticity, cohesive, poorly graded, granular
D	2,369			BH15	7	7		
D	3,366				8	8		
D	2,537			BH15	9	9	CH	9-11' - FAT CLAY - soft, reddish yellow (7.5YR 6/6), dry, friable, high plasticity, cohesive, poorly graded, granular
D	2,218				10	10		
D	2,912			BH15	11	11	CL	11' - LEAN CLAY WITH GRAVEL - soft, reddish yellow (7.5YR 6/6), dry, friable, medium plasticity, cohesive, well graded, with few small gravel (6-15%), granular
						12		

ENSOLUM

	Sample Name: BH16	Date: 3/25/2026
	Site Name: Shepherd Dalmation CTB	
	Incident Number: nAPP2515181503	
	Job Number: 03A1987180	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Eric Plugge	Method: Core Drill
Coordinates: 32.333388, -104.184007	Hole Diameter: 3"	Total Depth: 1'

Comments: Field screening conducted with HACH Chloride Test Strips and PetroFLAG® for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factors included.

Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D			N	BH16	0	0	SP-SM	Dry, No staining, Poorly graded sand with silt and gravel, fine to coarse grained with medium to large sized gravel, non-cohesive, non-plasticity
D	286	50	N	BH16	1	1		

Total Depth @ 1 feet bgs.

ENSOLUM

Sample Name: BH18	Date: 3-6-2026	
Site Name: Shepherd Dalmatian CTB		
Incident Number: nAPP2515181503		
Job Number: 03A1987180		
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: LCL	Method: Backhoe
Coordinates: 32.333415, -104.183914	Hole Diameter: 2'	Total Depth: 6'

Comments: Field screening conducted with HACH Chloride Test Strips. Chloride test performed with a 1:4 dilution factor of soil to water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	8,876			BH18	0	0	SW-SC	0-1' - SAND WITH CLAY - soft, light brown (7.5YR 6/4), dry, low-plasticity, cohesive, well graded, with few small to large gravel (6-15%), granular, sharp lower boundary
D	1,573			BH18	1	1	SC	1-2' - CLAYEY SAND WITH GRAVEL - medium consistency, strong brown (7.5YR 4/6), moist, medium plasticity, cohesive, well graded, with few small gravel (6-15%), granular, gradual boundary
M	1,002			BH18	2	2	CH	2-5' - SANDY FAT CLAY - soft, brown (7.5YR 5/4), moist, friable, high plasticity, cohesive, well graded, with trace small gravel (<5%), subangular blocky structure, sharp lower boundary
M	510			BH18	3	3		
M	510			BH18	4	4		
D	252			BH18	5	5		
D	<179			BH18	6	6	CL	5-6' - SILTY FAT CLAY - soft, pink (7.5YR 7/3), dry, friable, high plasticity, cohesive, well graded, with few small gravel (6-15%), granular, gradual lower boundary
						7	ML	6' - SILT - soft, light brown (7.5YR 6/4), dry, low-plasticity, cohesive, poorly graded, granular

Total Depth @ 6 feet bgs.

ENSOLUM

	Sample Name: BH19	Date: 3/25/2026
	Site Name: Shepherd Dalmation CTB	
	Incident Number: nAPP2515181503	
	Job Number: 03A1987180	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Eric Plugge	Method: Core Drill
Coordinates: 32.333405 -104.183684	Hole Diameter: 3"	Total Depth: 5'

Comments: Field screening conducted with HACH Chloride Test Strips and PetroFLAG® for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factors included.

Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	812		N	BH19	0	0	CCHE	Dry, No staining, Caliche w/ medium to large sized gravel, medium to coarse grained non-cohesive, non-plasticity
D	286	40	N	BH19	1	1	SP-SM	Dry, No staining, Poorly graded sand with silt and gravel, fine to coarse grained with medium to large sized gravel, non-cohesive, non-plasticity
D	286		N	BH19	2	2		
D	286		N	BH19	3	3		
D	179	60	N	BH19	4	4		
D	<179	70	N	BH19	5	5		

Total Depth @ 5 feet bgs.

ENSOLUM

Sample Name: BH20	Date: 5/6/2026
Site Name: Shepherd Dalmation CTB	
Incident Number: nAPP2515181503	
Job Number: 03A1987180	

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: Eric Plugge	Method: Hand Auger	
Coordinates: 32.333462 -104.183994	Hole Diameter: 3"	Total Depth: 4'

Comments: Field screening conducted with HACH Chloride Test Strips and PetroFLAG® for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factors included.

Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D			S	BH20	0	0		Dry, staining,Brown off pad soil w/ poorly graded trace gravel, fine to coarse grained non-cohesive, low-plasticity
D			N	BH20	1	1		
D			N	BH20	2	2	SP-SM	Dry, No staining, Poorly graded sand with silt and gravel, fine to coarse grained with medium to large sized gravel, non-cohesive, non-plasticity
D			N	BH20	3	3		
D	375	35	N	BH20	4	4		

Total Depth @ 4 feet bgs.

ENSOLUM

Sample Name: BH21	Date: 5/6/2026
Site Name: Shepherd Dalmation CTB	
Incident Number: nAPP2515181503	
Job Number: 03A1987180	

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: Eric Plugge	Method: Hand Auger
Coordinates: 32.333475 -104.183720	Hole Diameter: 3"
	Total Depth: 4'

Comments: Field screening conducted with HACH Chloride Test Strips and PetroFLAG® for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factors included.

Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D			S	BH21	0	0		Dry, staining,Brown off pad soil w/ poorly graded trace gravel, fine to coarse grained non-cohesive, low-plasticity
D			N	BH21	1	1		
D			N	BH21	2	2	SP-SM	Dry, No staining, Poorly graded sand with silt and gravel, fine to coarse grained with medium to large sized gravel, non-cohesive, non-plasticity
D			N	BH21	3	3		
D	ND	25	N	BH21	4	4		

Total Depth @ 4 feet bgs.

ENSOLUM

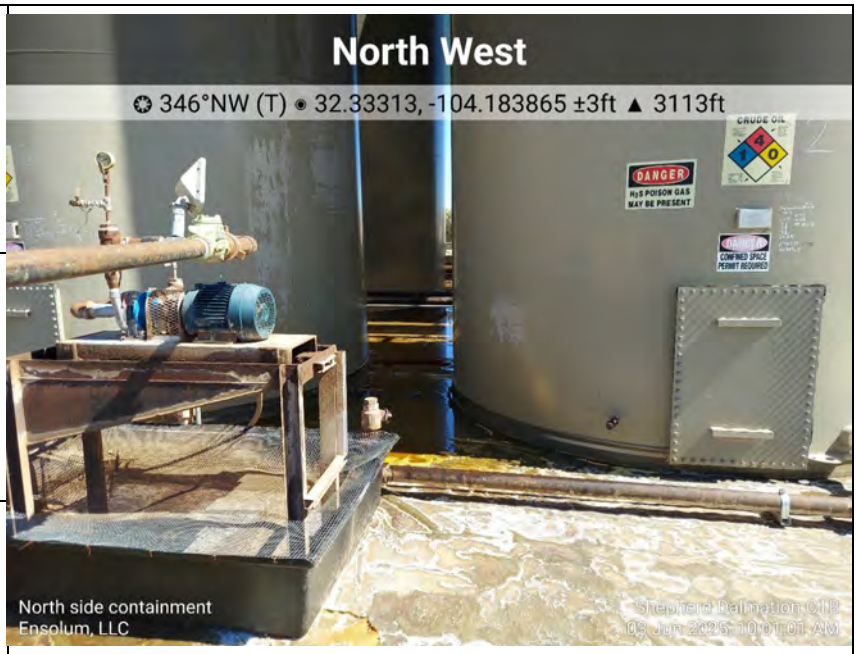
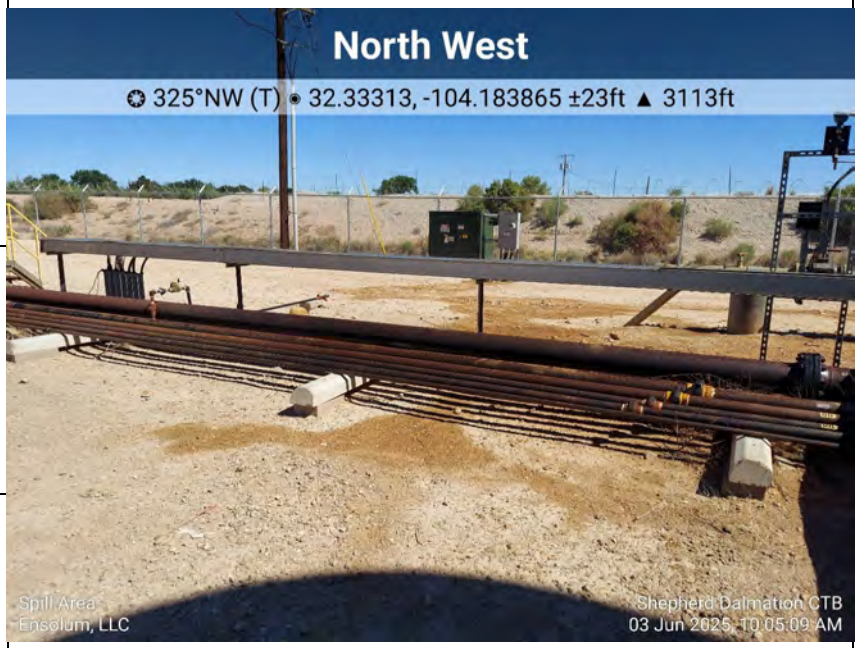
APPENDIX D

Photographic Log

ENSOLUM

Photographic Log

WPX Energy Permian, LLC
Shepherd Dalmatian CTB
nAPP2515181503, nAPP2605418531 & nAPP2605528269

Photograph 1	Date 6/3/2025	
Description Initial Investigation nAPP2515181503		
View Northwest		
Photograph 2	Date 6/3/2025	
Description Initial Investigation nAPP2515181503		
View Northwest		

ENSOLUM

Photographic Log

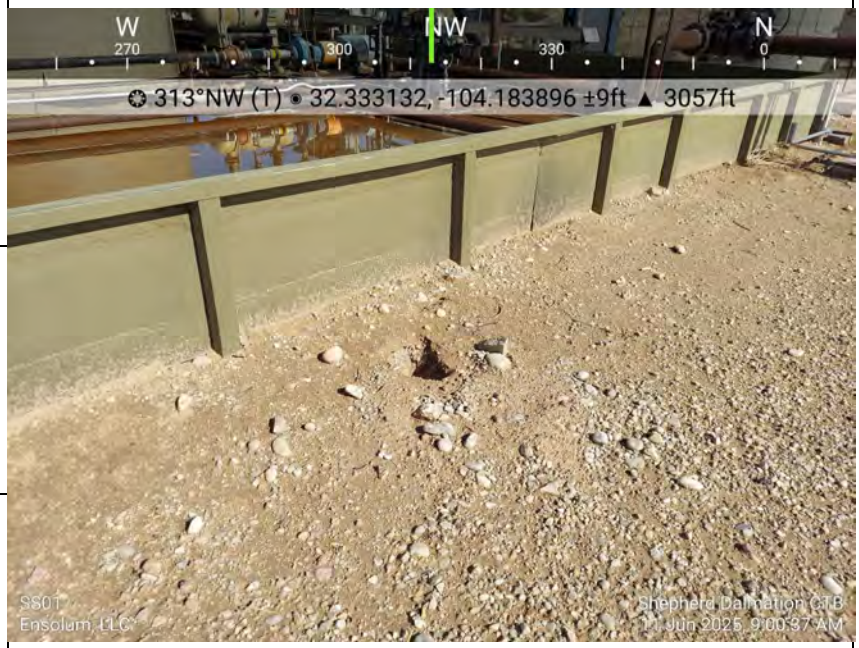
WPX Energy Permian, LLC
Shepherd Dalmatian CTB
nAPP2515181503, nAPP2605418531 & nAPP2605528269

Photograph 2	Date 6/3/2025	
Description Initial Investigation nAPP2515181503		
View Northeast		
Photograph 4	Date 6/3/2025	
Description Initial Investigation nAPP2515181503		
View Northwest		

ENSOLUM

Photographic Log

WPX Energy Permian, LLC
Shepherd Dalmatian CTB
nAPP2515181503, nAPP2605418531 & nAPP2605528269

Photograph 5	Date 6/11/2025	
Description Lateral Delineation nAPP2515181503		
View Direct		
Photograph 6	Date 6/11/2025	
Description Lateral Delineation nAPP2515181503		
View Northwest		

ENSOLUM

Photographic Log

WPX Energy Permian, LLC
Shepherd Dalmatian CTB
nAPP2515181503, nAPP2605418531 & nAPP2605528269

Photograph 7	Date 6/26/2025	
Description Vertical Delineation nAPP2515181503		
View South		
Photograph 8	Date 6/26/2025	
Description Vertical Delineation nAPP2515181503		
View East		

ENSOLUM

Photographic Log

WPX Energy Permian, LLC
Shepherd Dalmatian CTB
nAPP2515181503, nAPP2605418531 & nAPP2605528269

Photograph 9	Date 7/23/2025	
Description Vertical Delineation nAPP2515181503		
View Northwest		
Photograph 10	Date 7/23/2025	
Description Vertical Delineation nAPP2515181503		
View Southeast		

ENSOLUM

Photographic Log

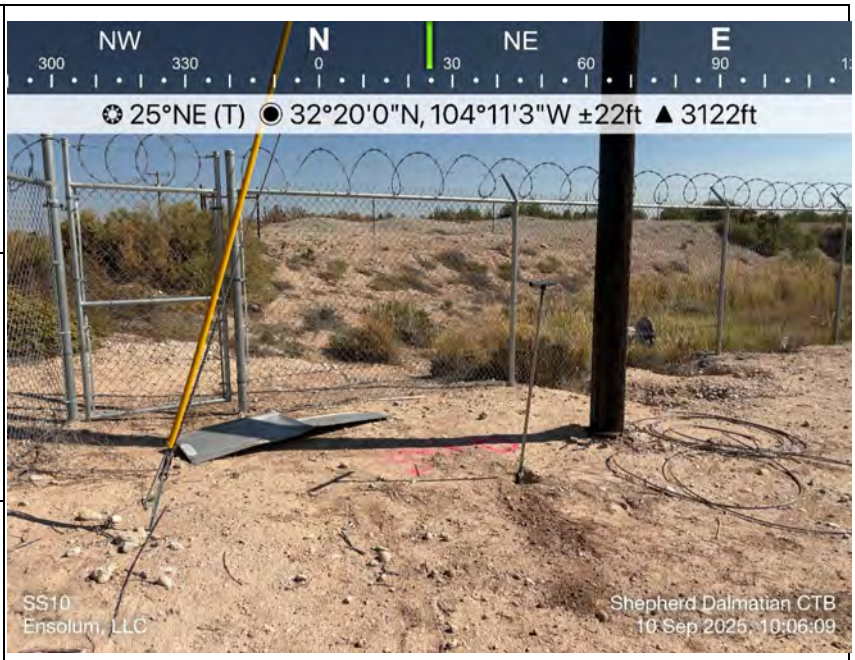
WPX Energy Permian, LLC
Shepherd Dalmatian CTB
nAPP2515181503, nAPP2605418531 & nAPP2605528269

Photograph 11	Date 9/02/2025	
Description Lateral Delineation nAPP2515181503		
View Northwest		
Photograph 12	Date 9/02/2025	
Description Lateral Delineation nAPP2515181503		
View South		

ENSOLUM

Photographic Log

WPX Energy Permian, LLC
Shepherd Dalmatian CTB
nAPP2515181503, nAPP2605418531 & nAPP2605528269

Photograph 13	Date 9/10/2025	
Description Vertical Delineation nAPP2515181503		
View North		
Photograph 14	Date 9/10/2025	
Description Vertical Delineation nAPP2515181503		
View North		

ENSOLUM

Photographic Log

WPX Energy Permian, LLC
Shepherd Dalmatian CTB
nAPP2515181503, nAPP2605418531 & nAPP2605528269

Photograph 15	Date 9/22/2025	
Description Lateral Delineation nAPP2605528269		
View North		
Photograph 16	Date 9/22/2025	
Description Lateral Delineation nAPP2605528269		
View North		

ENSOLUM

Photographic Log

WPX Energy Permian, LLC
Shepherd Dalmatian CTB
nAPP2515181503, nAPP2605418531 & nAPP2605528269

Photograph 17	Date 02/20/2026	
Description Liner Inspection nAPP2515181503		
View East		
Photograph 18	Date 02/20/2026	
Description Liner Inspection nAPP2515181503		
View South		

ENSOLUM

Photographic Log

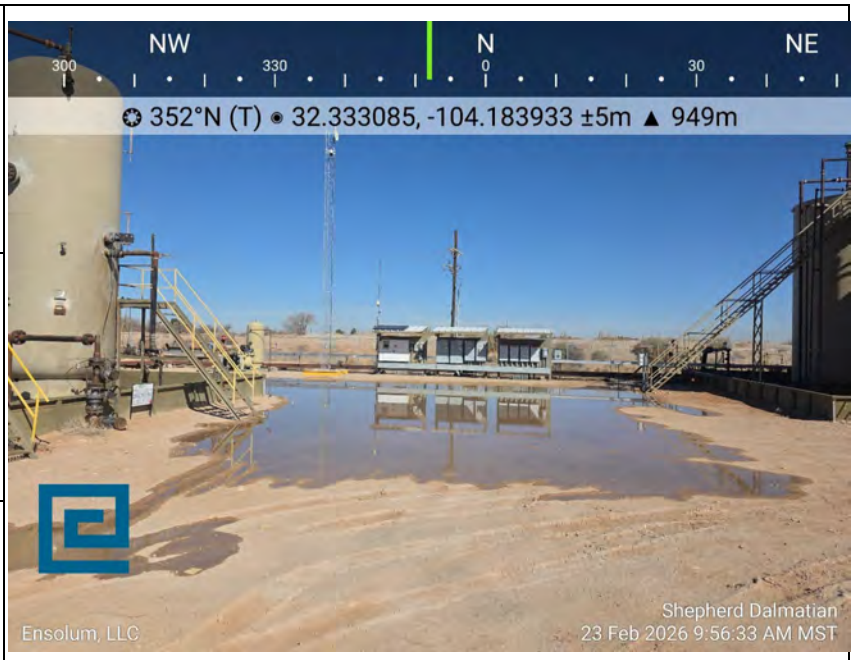
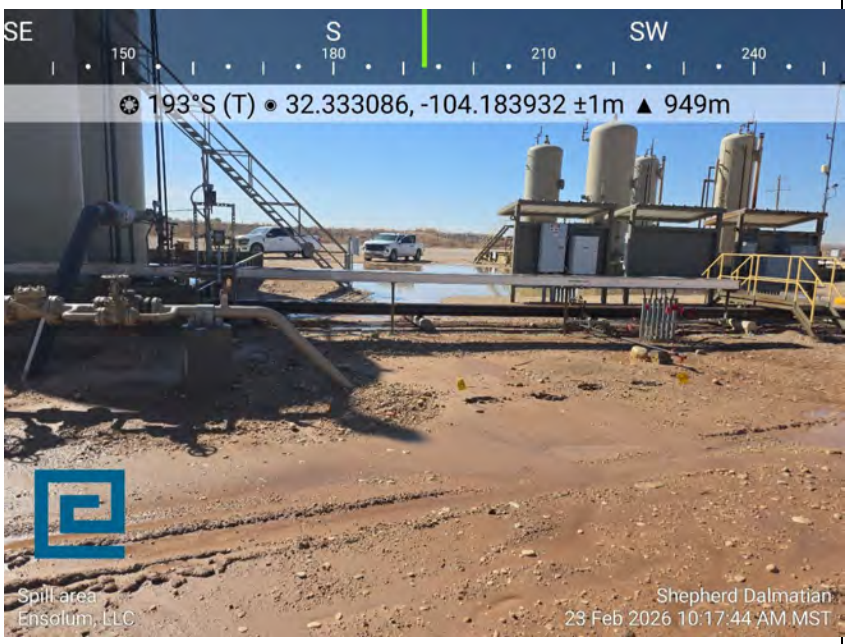
WPX Energy Permian, LLC
Shepherd Dalmatian CTB
nAPP2515181503, nAPP2605418531 & nAPP2605528269

Photograph 19	Date 2/22/2026	
Description Initial Inspection nAPP2605418531		
View East		
Photograph 20	Date 2/22/2026	
Description Initial Inspection nAPP2605418531		
View Northeast		

ENSOLUM

Photographic Log

WPX Energy Permian, LLC
Shepherd Dalmatian CTB
nAPP2515181503, nAPP2605418531 & nAPP2605528269

Photograph 21	Date 2/23/2026	
Description Initial Release nAPP2605528269		
View North		
Photograph 22	Date 2/23/2026	
Description Initial Release nAPP2605528269		
View North		

ENSOLUM

Photographic Log

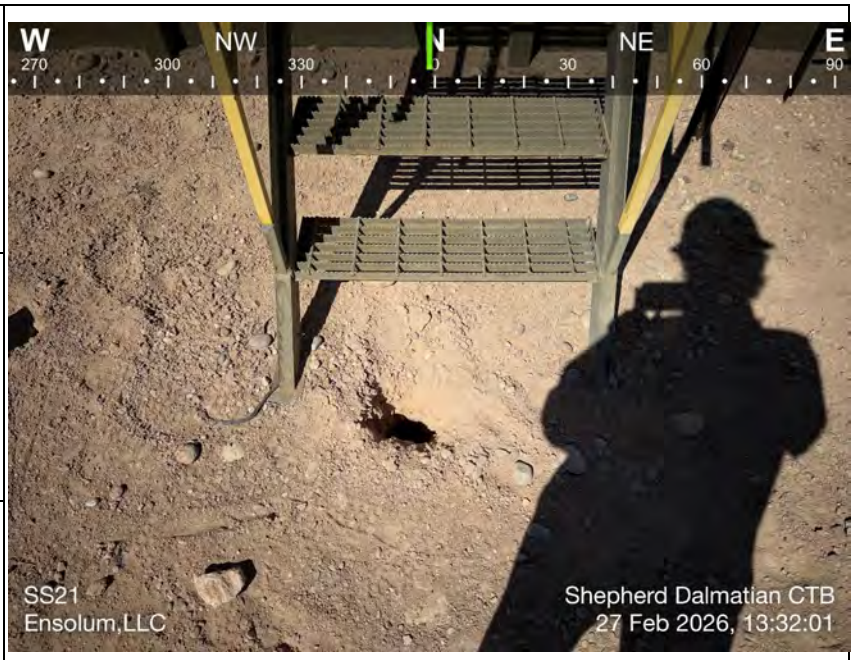
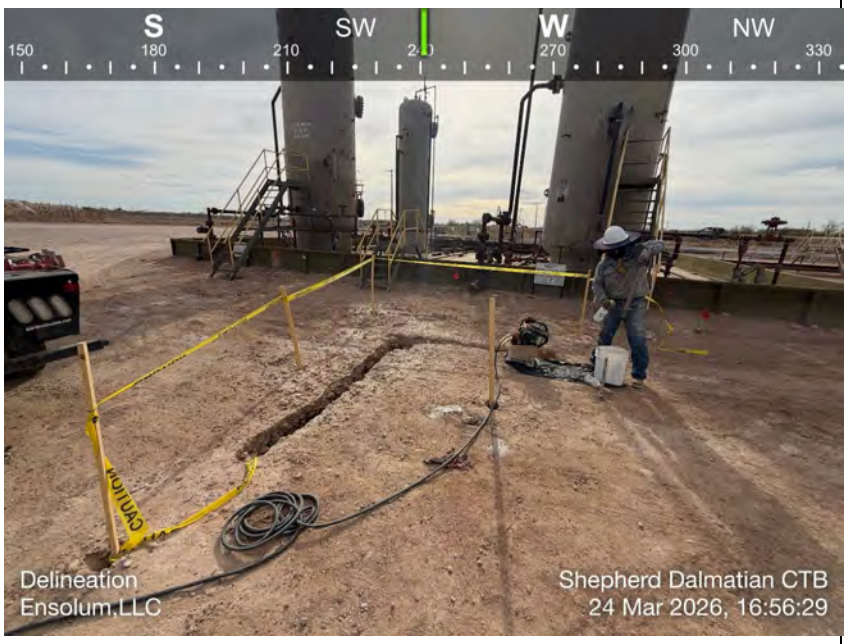
WPX Energy Permian, LLC
Shepherd Dalmatian CTB
nAPP2515181503, nAPP2605418531 & nAPP2605528269

Photograph 23	Date 2/23/2026	
Description Initial Release nAPP2605528269		
View South		
Photograph 24	Date 2/23/2026	
Description Initial Release nAPP2605528269		
View North		

ENSOLUM

Photographic Log

WPX Energy Permian, LLC
Shepherd Dalmatian CTB
nAPP2515181503, nAPP2605418531 & nAPP2605528269

Photograph 25	Date 2/27/2026	
Description Delineation Soil Sampling nAPP2605418531 & nAPP2605528269		
View South		
Photograph 26	Date 03/24/2026	
Description Delineation Sampling nAPP2605418531 & nAPP2605528269		
View North		

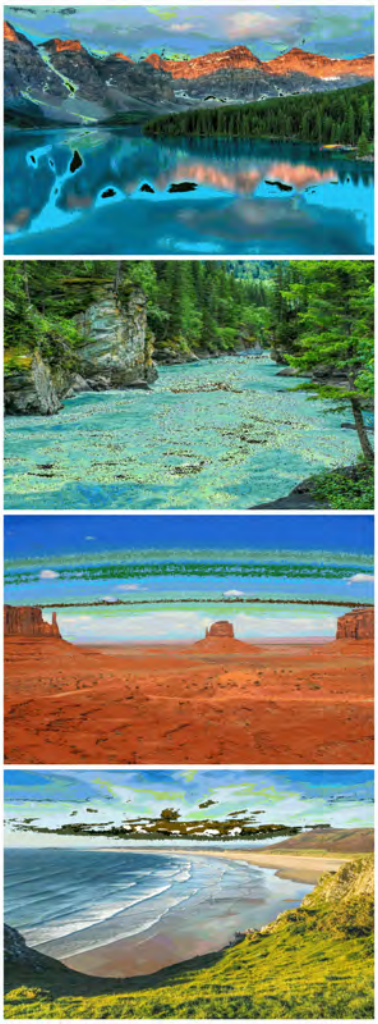
ENSOLUM

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

WPX Energy - Carlsbad

Project Name:	Shepherd Dalmation CTB
Work Order:	E506084
Job Number:	01058-0007
Received:	6/12/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/17/25

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: 6/17/25

Ashley Giovengo
5315 Buena Vista Dr
Carlsbad, NM 88220

Project Name: Shepherd Dalmation CTB
Workorder: E506084
Date Received: 6/12/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/12/2025 7:00:00AM, under the Project Name: Shepherd Dalmation CTB.

The analytical test results summarized in this report with the Project Name: Shepherd Dalmation CTB 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
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Cell: 775-287-1762
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Sample Summary

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	06/17/25 16:12

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS01-0'	E506084-01A	Soil	06/10/25	06/12/25	Glass Jar, 2 oz.
SS01-1'	E506084-02A	Soil	06/10/25	06/12/25	Glass Jar, 2 oz.

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	6/17/2025 4:12:24PM

SS01-0'

E506084-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2524088
Benzene	ND	0.0250	1	06/12/25	06/13/25	
Ethylbenzene	ND	0.0250	1	06/12/25	06/13/25	
Toluene	ND	0.0250	1	06/12/25	06/13/25	
o-Xylene	ND	0.0250	1	06/12/25	06/13/25	
p,m-Xylene	ND	0.0500	1	06/12/25	06/13/25	
Total Xylenes	ND	0.0250	1	06/12/25	06/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*99.5 %*	*70-130*	*06/12/25*	*06/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2524088
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/12/25	06/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.1 %*	*70-130*	*06/12/25*	*06/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2524122
Diesel Range Organics (C10-C28)	ND	25.0	1	06/13/25	06/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/13/25	06/13/25	
Surrogate: n-Nonane		*99.3 %*	*61-141*	*06/13/25*	*06/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2524099
Chloride	**189**	20.0	1	06/12/25	06/12/25	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	6/17/2025 4:12:24PM

SS01-1'

E506084-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2524088
Benzene	ND	0.0250	1	06/12/25	06/13/25	
Ethylbenzene	ND	0.0250	1	06/12/25	06/13/25	
Toluene	ND	0.0250	1	06/12/25	06/13/25	
o-Xylene	ND	0.0250	1	06/12/25	06/13/25	
p,m-Xylene	ND	0.0500	1	06/12/25	06/13/25	
Total Xylenes	ND	0.0250	1	06/12/25	06/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*06/12/25*	*06/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2524088
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/12/25	06/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.1 %*	*70-130*	*06/12/25*	*06/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2524122
Diesel Range Organics (C10-C28)	ND	25.0	1	06/13/25	06/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/13/25	06/13/25	
Surrogate: n-Nonane		*102 %*	*61-141*	*06/13/25*	*06/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2524099
Chloride	**217**	20.0	1	06/12/25	06/12/25	

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	6/17/2025 4:12:24PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2524088-BLK1)									Prepared: 06/12/25 Analyzed: 06/13/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*8.17*		*8.00*		*102*	*70-130*			
LCS (2524088-BS1)									Prepared: 06/12/25 Analyzed: 06/13/25
Benzene	5.45	0.0250	5.00		109	70-130			
Ethylbenzene	5.36	0.0250	5.00		107	70-130			
Toluene	5.42	0.0250	5.00		108	70-130			
o-Xylene	5.28	0.0250	5.00		106	70-130			
p,m-Xylene	10.8	0.0500	10.0		108	70-130			
Total Xylenes	16.1	0.0250	15.0		107	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.12*		*8.00*		*101*	*70-130*			
Matrix Spike (2524088-MS1)				**Source: E506085-02**					Prepared: 06/12/25 Analyzed: 06/13/25
Benzene	5.61	0.0250	5.00	ND	112	70-130			
Ethylbenzene	5.53	0.0250	5.00	ND	111	70-130			
Toluene	5.58	0.0250	5.00	ND	111	70-130			
o-Xylene	5.44	0.0250	5.00	ND	109	70-130			
p,m-Xylene	11.1	0.0500	10.0	ND	111	70-130			
Total Xylenes	16.6	0.0250	15.0	ND	110	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.06*		*8.00*		*101*	*70-130*			
Matrix Spike Dup (2524088-MSD1)				**Source: E506085-02**					Prepared: 06/12/25 Analyzed: 06/13/25
Benzene	5.51	0.0250	5.00	ND	110	70-130	1.70	27	
Ethylbenzene	5.43	0.0250	5.00	ND	109	70-130	1.72	26	
Toluene	5.48	0.0250	5.00	ND	110	70-130	1.66	20	
o-Xylene	5.35	0.0250	5.00	ND	107	70-130	1.72	25	
p,m-Xylene	10.9	0.0500	10.0	ND	109	70-130	1.71	23	
Total Xylenes	16.3	0.0250	15.0	ND	109	70-130	1.71	26	
Surrogate: 4-Bromochlorobenzene-PID	*8.14*		*8.00*		*102*	*70-130*			

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	6/17/2025 4:12:24PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2524088-BLK1)									Prepared: 06/12/25 Analyzed: 06/13/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.54*		*8.00*		*94.3*	*70-130*			
LCS (2524088-BS2)									Prepared: 06/12/25 Analyzed: 06/13/25
Gasoline Range Organics (C6-C10)	46.5	20.0	50.0		92.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.62*		*8.00*		*95.2*	*70-130*			
Matrix Spike (2524088-MS2)				**Source: E506085-02**					Prepared: 06/12/25 Analyzed: 06/13/25
Gasoline Range Organics (C6-C10)	46.4	20.0	50.0	ND	92.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.67*		*8.00*		*95.8*	*70-130*			
Matrix Spike Dup (2524088-MSD2)				**Source: E506085-02**					Prepared: 06/12/25 Analyzed: 06/13/25
Gasoline Range Organics (C6-C10)	46.9	20.0	50.0	ND	93.7	70-130	0.875	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.56*		*8.00*		*94.5*	*70-130*			

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	6/17/2025 4:12:24PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2524122-BLK1)									Prepared: 06/13/25 Analyzed: 06/13/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*49.4*		*50.0*		*98.7*	*61-141*			
LCS (2524122-BS1)									Prepared: 06/13/25 Analyzed: 06/13/25
Diesel Range Organics (C10-C28)	254	25.0	250		102	66-144			
Surrogate: n-Nonane	*48.2*		*50.0*		*96.4*	*61-141*			
Matrix Spike (2524122-MS1)				**Source: E506093-03**					Prepared: 06/13/25 Analyzed: 06/13/25
Diesel Range Organics (C10-C28)	248	25.0	250	ND	99.3	56-156			
Surrogate: n-Nonane	*48.9*		*50.0*		*97.7*	*61-141*			
Matrix Spike Dup (2524122-MSD1)				**Source: E506093-03**					Prepared: 06/13/25 Analyzed: 06/13/25
Diesel Range Organics (C10-C28)	247	25.0	250	ND	99.0	56-156	0.305	20	
Surrogate: n-Nonane	*47.9*		*50.0*		*95.8*	*61-141*			

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	6/17/2025 4:12:24PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2524099-BLK1)									Prepared: 06/12/25 Analyzed: 06/12/25
Chloride	ND	20.0							
LCS (2524099-BS1)									Prepared: 06/12/25 Analyzed: 06/12/25
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2524099-MS1)				**Source: E506085-01**					Prepared: 06/12/25 Analyzed: 06/12/25
Chloride	320	20.0	250	65.5	102	80-120			
Matrix Spike Dup (2524099-MSD1)				**Source: E506085-01**					Prepared: 06/12/25 Analyzed: 06/12/25
Chloride	318	20.0	250	65.5	101	80-120	0.704	20	

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

Definitions and Notes

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	06/17/25 16:12

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 6/18/2026 4:05:00 PM
Received by OCD: 6/1/2026 12:05:31 PM

envirotech
Analytical Laboratory

Chain of Custody

WO# 21607308

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: WPX Energy Permian, LLC	Company: WPX Energy Permian, LLC	Lab WO# E506084	1D 2D 3D Std	NM CO UT TX
Project: Shepherd Dalmatian CTB	Address: 5315 Buena Vista Dr	Job Number 01058.0007		NM
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: (575)689-7597			
City, State, Zip: Carlsbad NM, 88220	Email: jim.raley@dvn.com			
Phone: 575-988-0055	Miscellaneous: Jim Raley			
Email: agiovengo@ensolum.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
1015	6/10/2025	Soil	1	SS01-0'		1									X			3.3	
1227	6/10/2025	Soil	1	SS01-1'		2									X			2.6	

Analysis and Method

EPA Program

SDWA	CWA	RCRA

Compliance Y or N

PWSID #

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com,jhinkle@ensolum.com, akone@ensolum.com, jmccauley@ensolum.com, jgonzalez@ensolum.com

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

Sampled by: Jenna Hinkle

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Jenna Hinkle	6/11/2025	7:00	Michelle Gonzales	6-11-25	0700
Michelle Gonzales	6-11-25	1700	Richard Gonzales	6-11-25	1700
Richard Gonzales	6-N-25	2230	Caitlin Mason	6-12-25	700
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only

Received on ice: (Y) N

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

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

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 6/12/2025 10:07:04AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	WPX Energy - Carlsbad	Date Received:	06/12/25 07:00	Work Order ID:	E506084
Phone:	(539) 573-4018	Date Logged In:	06/11/25 15:10	Logged In By:	Caitlin Mars
Email:	ashley.giovengo@wesominc.com	Due Date:	06/18/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes

Sample Cooler

7. Was a sample cooler received?	Yes
8. If yes, was cooler received in good condition?	Yes
9. Was the sample(s) received intact, i.e., not broken?	Yes
10. Were custody/security seals present?	No
11. If yes, were custody/security seals intact?	NA
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.	

Sample Container

14. Are aqueous VOC samples present?	No
15. Are VOC samples collected in VOA Vials?	NA
16. Is the head space less than 6-8 mm (pea sized or less)?	NA
17. Was a trip blank (TB) included for VOC analyses?	NA
18. Are non-VOC samples collected in the correct containers?	Yes
19. Is the appropriate volume/weight or number of sample containers collected?	Yes

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No
22. Are sample(s) correctly preserved?	NA
24. Is lab filtration required and/or requested for dissolved metals?	No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Client Instruction

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

Date

envirotech Inc.

Report to:

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

WPX Energy - Carlsbad

Project Name:	Shepherd Dalmation CTB
Work Order:	E506093
Job Number:	01058-0007
Received:	6/13/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/18/25

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: 6/18/25

Ashley Giovengo
5315 Buena Vista Dr
Carlsbad, NM 88220

Project Name: Shepherd Dalmation CTB
Workorder: E506093
Date Received: 6/13/2025 7:00:28AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/13/2025 7:00:28AM, under the Project Name: Shepherd Dalmation CTB.

The analytical test results summarized in this report with the Project Name: Shepherd Dalmation CTB 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
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Cell: 775-287-1762
whinchman@envirotech-inc.com

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Laboratory Administrator
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Sample Summary

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	06/18/25 11:02

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS02-0'	E506093-01A	Soil	06/11/25	06/13/25	Glass Jar, 2 oz.
SS02-1'	E506093-02A	Soil	06/11/25	06/13/25	Glass Jar, 2 oz.
SS03-0'	E506093-03A	Soil	06/11/25	06/13/25	Glass Jar, 2 oz.
SS03-1'	E506093-04A	Soil	06/11/25	06/13/25	Glass Jar, 2 oz.
SS08-0'	E506093-05A	Soil	06/11/25	06/13/25	Glass Jar, 2 oz.
SS08-0.5'	E506093-06A	Soil	06/11/25	06/13/25	Glass Jar, 2 oz.

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	6/18/2025 11:02:01AM

SS02-0'

E506093-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2524117
Benzene	ND	0.0250	1	06/13/25	06/14/25	
Ethylbenzene	ND	0.0250	1	06/13/25	06/14/25	
Toluene	ND	0.0250	1	06/13/25	06/14/25	
o-Xylene	ND	0.0250	1	06/13/25	06/14/25	
p,m-Xylene	ND	0.0500	1	06/13/25	06/14/25	
Total Xylenes	ND	0.0250	1	06/13/25	06/14/25	
Surrogate: 4-Bromochlorobenzene-PID		*96.5 %*	*70-130*	*06/13/25*	*06/14/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2524117
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/25	06/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.8 %*	*70-130*	*06/13/25*	*06/14/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2524122
Diesel Range Organics (C10-C28)	ND	25.0	1	06/13/25	06/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/13/25	06/14/25	
Surrogate: n-Nonane		*102 %*	*61-141*	*06/13/25*	*06/14/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2524116
Chloride	**125**	20.0	1	06/13/25	06/13/25	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	6/18/2025 11:02:01AM

SS02-1'

E506093-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2524117
Benzene	ND	0.0250	1	06/13/25	06/14/25	
Ethylbenzene	ND	0.0250	1	06/13/25	06/14/25	
Toluene	ND	0.0250	1	06/13/25	06/14/25	
o-Xylene	ND	0.0250	1	06/13/25	06/14/25	
p,m-Xylene	ND	0.0500	1	06/13/25	06/14/25	
Total Xylenes	ND	0.0250	1	06/13/25	06/14/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.6 %*	*70-130*	*06/13/25*	*06/14/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2524117
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/25	06/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.1 %*	*70-130*	*06/13/25*	*06/14/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2524122
Diesel Range Organics (C10-C28)	ND	25.0	1	06/13/25	06/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/13/25	06/14/25	
Surrogate: n-Nonane		*104 %*	*61-141*	*06/13/25*	*06/14/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2524116
Chloride	**262**	20.0	1	06/13/25	06/13/25	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	6/18/2025 11:02:01AM

SS03-0'

E506093-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2524117
Benzene	ND	0.0250	1	06/13/25	06/14/25	
Ethylbenzene	ND	0.0250	1	06/13/25	06/14/25	
Toluene	ND	0.0250	1	06/13/25	06/14/25	
o-Xylene	ND	0.0250	1	06/13/25	06/14/25	
p,m-Xylene	ND	0.0500	1	06/13/25	06/14/25	
Total Xylenes	ND	0.0250	1	06/13/25	06/14/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.4 %*	*70-130*	*06/13/25*	*06/14/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2524117
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/25	06/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*82.8 %*	*70-130*	*06/13/25*	*06/14/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2524122
Diesel Range Organics (C10-C28)	ND	25.0	1	06/13/25	06/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/13/25	06/14/25	
Surrogate: n-Nonane		*98.2 %*	*61-141*	*06/13/25*	*06/14/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2524116
Chloride	**198**	20.0	1	06/13/25	06/13/25	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	6/18/2025 11:02:01AM

SS03-1'

E506093-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2524117
Benzene	ND	0.0250	1	06/13/25	06/14/25	
Ethylbenzene	ND	0.0250	1	06/13/25	06/14/25	
Toluene	ND	0.0250	1	06/13/25	06/14/25	
o-Xylene	ND	0.0250	1	06/13/25	06/14/25	
p,m-Xylene	ND	0.0500	1	06/13/25	06/14/25	
Total Xylenes	ND	0.0250	1	06/13/25	06/14/25	
Surrogate: 4-Bromochlorobenzene-PID		*96.6 %*	*70-130*	*06/13/25*	*06/14/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2524117
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/25	06/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*85.4 %*	*70-130*	*06/13/25*	*06/14/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2524122
Diesel Range Organics (C10-C28)	ND	25.0	1	06/13/25	06/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/13/25	06/14/25	
Surrogate: n-Nonane		*102 %*	*61-141*	*06/13/25*	*06/14/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2524116
Chloride	**271**	20.0	1	06/13/25	06/13/25	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	6/18/2025 11:02:01AM

SS08-0'

E506093-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2524117
Benzene	ND	0.0250	1	06/13/25	06/14/25	
Ethylbenzene	ND	0.0250	1	06/13/25	06/14/25	
Toluene	ND	0.0250	1	06/13/25	06/14/25	
o-Xylene	ND	0.0250	1	06/13/25	06/14/25	
p,m-Xylene	ND	0.0500	1	06/13/25	06/14/25	
Total Xylenes	ND	0.0250	1	06/13/25	06/14/25	
Surrogate: 4-Bromochlorobenzene-PID		*96.4 %*	*70-130*	*06/13/25*	*06/14/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2524117
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/25	06/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*83.1 %*	*70-130*	*06/13/25*	*06/14/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2524122
Diesel Range Organics (C10-C28)	ND	25.0	1	06/13/25	06/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/13/25	06/14/25	
Surrogate: n-Nonane		*99.1 %*	*61-141*	*06/13/25*	*06/14/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2524116
Chloride	**146**	100	5	06/13/25	06/13/25	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	6/18/2025 11:02:01AM

SS08-0.5'

E506093-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2524117
Benzene	ND	0.0250	1	06/13/25	06/14/25	
Ethylbenzene	ND	0.0250	1	06/13/25	06/14/25	
Toluene	ND	0.0250	1	06/13/25	06/14/25	
o-Xylene	ND	0.0250	1	06/13/25	06/14/25	
p,m-Xylene	ND	0.0500	1	06/13/25	06/14/25	
Total Xylenes	ND	0.0250	1	06/13/25	06/14/25	
Surrogate: 4-Bromochlorobenzene-PID		*96.2 %*	*70-130*	*06/13/25*	*06/14/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2524117
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/25	06/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.8 %*	*70-130*	*06/13/25*	*06/14/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2524122
Diesel Range Organics (C10-C28)	ND	25.0	1	06/13/25	06/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/13/25	06/14/25	
Surrogate: n-Nonane		*107 %*	*61-141*	*06/13/25*	*06/14/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2524116
Chloride	**253**	40.0	2	06/13/25	06/13/25	

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	6/18/2025 11:02:01AM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2524117-BLK1)									Prepared: 06/13/25 Analyzed: 06/14/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.60*		*8.00*		*95.0*	*70-130*			
LCS (2524117-BS1)									Prepared: 06/13/25 Analyzed: 06/14/25
Benzene	5.01	0.0250	5.00		100	70-130			
Ethylbenzene	5.15	0.0250	5.00		103	70-130			
Toluene	5.14	0.0250	5.00		103	70-130			
o-Xylene	5.20	0.0250	5.00		104	70-130			
p,m-Xylene	10.3	0.0500	10.0		103	70-130			
Total Xylenes	15.5	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.61*		*8.00*		*95.1*	*70-130*			
Matrix Spike (2524117-MS1)				**Source: E506094-05**					Prepared: 06/13/25 Analyzed: 06/14/25
Benzene	4.73	0.0250	5.00	ND	94.6	70-130			
Ethylbenzene	4.86	0.0250	5.00	ND	97.3	70-130			
Toluene	4.85	0.0250	5.00	ND	97.0	70-130			
o-Xylene	4.92	0.0250	5.00	ND	98.4	70-130			
p,m-Xylene	9.74	0.0500	10.0	ND	97.4	70-130			
Total Xylenes	14.7	0.0250	15.0	ND	97.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.78*		*8.00*		*97.2*	*70-130*			
Matrix Spike Dup (2524117-MSD1)				**Source: E506094-05**					Prepared: 06/13/25 Analyzed: 06/14/25
Benzene	4.64	0.0250	5.00	ND	92.9	70-130	1.86	27	
Ethylbenzene	4.78	0.0250	5.00	ND	95.6	70-130	1.73	26	
Toluene	4.76	0.0250	5.00	ND	95.2	70-130	1.90	20	
o-Xylene	4.82	0.0250	5.00	ND	96.4	70-130	2.07	25	
p,m-Xylene	9.55	0.0500	10.0	ND	95.5	70-130	1.98	23	
Total Xylenes	14.4	0.0250	15.0	ND	95.8	70-130	2.01	26	
Surrogate: 4-Bromochlorobenzene-PID	*7.77*		*8.00*		*97.1*	*70-130*			

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	6/18/2025 11:02:01AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2524117-BLK1)									Prepared: 06/13/25 Analyzed: 06/14/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.72*		*8.00*		*84.0*	*70-130*			
LCS (2524117-BS2)									Prepared: 06/13/25 Analyzed: 06/14/25
Gasoline Range Organics (C6-C10)	47.8	20.0	50.0		95.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.30*		*8.00*		*91.2*	*70-130*			
Matrix Spike (2524117-MS2)				**Source: E506094-05**					Prepared: 06/13/25 Analyzed: 06/14/25
Gasoline Range Organics (C6-C10)	45.6	20.0	50.0	ND	91.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.22*		*8.00*		*90.2*	*70-130*			
Matrix Spike Dup (2524117-MSD2)				**Source: E506094-05**					Prepared: 06/13/25 Analyzed: 06/14/25
Gasoline Range Organics (C6-C10)	47.7	20.0	50.0	ND	95.5	70-130	4.55	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.86*		*8.00*		*85.7*	*70-130*			

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	6/18/2025 11:02:01AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2524122-BLK1)									Prepared: 06/13/25 Analyzed: 06/13/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*49.4*		*50.0*		*98.7*	*61-141*			
LCS (2524122-BS1)									Prepared: 06/13/25 Analyzed: 06/13/25
Diesel Range Organics (C10-C28)	254	25.0	250		102	66-144			
Surrogate: n-Nonane	*48.2*		*50.0*		*96.4*	*61-141*			
Matrix Spike (2524122-MS1)				**Source: E506093-03**					Prepared: 06/13/25 Analyzed: 06/13/25
Diesel Range Organics (C10-C28)	248	25.0	250	ND	99.3	56-156			
Surrogate: n-Nonane	*48.9*		*50.0*		*97.7*	*61-141*			
Matrix Spike Dup (2524122-MSD1)				**Source: E506093-03**					Prepared: 06/13/25 Analyzed: 06/13/25
Diesel Range Organics (C10-C28)	247	25.0	250	ND	99.0	56-156	0.305	20	
Surrogate: n-Nonane	*47.9*		*50.0*		*95.8*	*61-141*			

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	6/18/2025 11:02:01AM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2524116-BLK1)									Prepared: 06/13/25 Analyzed: 06/13/25
Chloride	ND	20.0							
LCS (2524116-BS1)									Prepared: 06/13/25 Analyzed: 06/13/25
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2524116-MS1)				**Source: E506091-01**					Prepared: 06/13/25 Analyzed: 06/13/25
Chloride	411	20.0	250	163	99.1	80-120			
Matrix Spike Dup (2524116-MSD1)				**Source: E506091-01**					Prepared: 06/13/25 Analyzed: 06/13/25
Chloride	410	20.0	250	163	98.9	80-120	0.173	20	

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

Definitions and Notes

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	06/18/25 11:02

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 6/18/2026 4:05:00 PM
Received by OCD: 6/1/2026 12:05:31 PM

envirotech
Analytical Laboratory

Chain of Custody

WO# 21607308

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: WPX Energy Permian, LLC	Company: WPX Energy Permian, LLC	Lab WO# E506093	1D 2D 3D Std	NM CO UT TX
Project: Shepherd Dalmatian CTB	Address: 5315 Buena Vista Dr	Job Number 01058.0007		NM
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: (575)689-7597			
City, State, Zip: Carlsbad NM, 88220	Email: jim.raley@dvn.com			
Phone: 575-988-0055	Miscellaneous: Jim Raley			
Email: agiovengo@ensolum.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
1321	6/11/2025	Soil	1	SS02-0'		1									X			1.5	
1526	↓	↓	↓	02-1'		2									+			2.1	
1318				03-0'		3									+			2.8	
1515				03-1'		4									+			3.4	
0949				08-0'		5									+			1.9	
1450				08-0.5'		6									+			4.3	

Analysis and Method

EPA Program

SDWA	CWA	RCRA

Compliance Y or N

PWSID #

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com,jhinkle@ensolum.com, akone@ensolum.com, jmccauley@ensolum.com, jgonzalez@ensolum.com, gsanchez@ensolum.com

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

Sampled by: Jenna Hinkle and Gus Sanchez

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Jenna Hinkle	6/12/2025	7:00	Michelle Gonzales	6-12-25	0700
Michelle Gonzales	6-12-25	1605	Marissa Gonzales	6-12-25	1605
Marissa Gonzales	6-12-25	1900	Richard Gonzales	6-12-25	1900
Richard Gonzales	6-12-25	0030	Caitlin Mair	6-13-25	700
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only
Received on ice: (Y) N

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

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

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 6/13/2025 1:39:20PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	WPX Energy - Carlsbad	Date Received:	06/13/25 07:00	Work Order ID:	E506093
Phone:	(539) 573-4018	Date Logged In:	06/12/25 14:26	Logged In By:	Caitlin Mars
Email:	ashley.giovengo@wesominc.com	Due Date:	06/19/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes

Sample Cooler

7. Was a sample cooler received?	Yes
8. If yes, was cooler received in good condition?	Yes
9. Was the sample(s) received intact, i.e., not broken?	Yes
10. Were custody/security seals present?	No
11. If yes, were custody/security seals intact?	NA
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.	

Sample Container

14. Are aqueous VOC samples present?	No
15. Are VOC samples collected in VOA Vials?	NA
16. Is the head space less than 6-8 mm (pea sized or less)?	NA
17. Was a trip blank (TB) included for VOC analyses?	NA
18. Are non-VOC samples collected in the correct containers?	Yes
19. Is the appropriate volume/weight or number of sample containers collected?	Yes

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No
22. Are sample(s) correctly preserved?	NA
24. Is lab filtration required and/or requested for dissolved metals?	No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Client Instruction

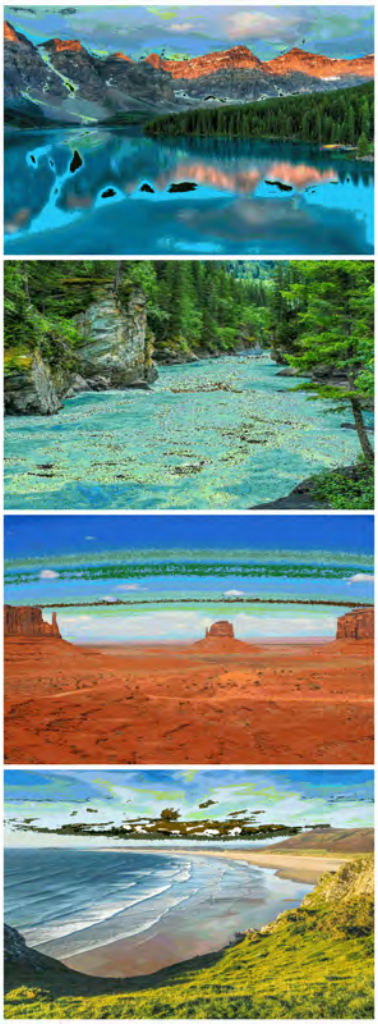
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

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

WPX Energy - Carlsbad

Project Name:	Shepherd Dalmation CTB
Work Order:	E506286
Job Number:	01058-0007
Received:	6/28/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/7/25

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

Date Reported: 7/7/25

Ashley Giovengo
5315 Buena Vista Dr
Carlsbad, NM 88220

Project Name: Shepherd Dalmation CTB
Workorder: E506286
Date Received: 6/28/2025 9:30:58AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/28/2025 9:30:58AM, under the Project Name: Shepherd Dalmation CTB.

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

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
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Sample Summary

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	07/07/25 14:27

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS04-0'	E506286-01A	Soil	06/26/25	06/28/25	Glass Jar, 2 oz.
SS04-1'	E506286-02A	Soil	06/26/25	06/28/25	Glass Jar, 2 oz.
SS06-0'	E506286-03A	Soil	06/26/25	06/28/25	Glass Jar, 2 oz.
SS06-1'	E506286-04A	Soil	06/26/25	06/28/25	Glass Jar, 2 oz.
SS07-0'	E506286-05A	Soil	06/26/25	06/28/25	Glass Jar, 2 oz.
SS07-1'	E506286-06A	Soil	06/26/25	06/28/25	Glass Jar, 2 oz.
WS01	E506286-07A	Aqueous	06/26/25	06/28/25	Poly 125mL

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	7/7/2025 2:27:26PM

SS04-0'

E506286-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2526175
Benzene	ND	0.0250	1	06/28/25	07/02/25	
Ethylbenzene	ND	0.0250	1	06/28/25	07/02/25	
Toluene	ND	0.0250	1	06/28/25	07/02/25	
o-Xylene	ND	0.0250	1	06/28/25	07/02/25	
p,m-Xylene	ND	0.0500	1	06/28/25	07/02/25	
Total Xylenes	ND	0.0250	1	06/28/25	07/02/25	
Surrogate: 4-Bromochlorobenzene-PID		*86.4 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2526175
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/25	07/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.1 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2527068
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/03/25	
Surrogate: n-Nonane		*99.8 %*	*61-141*	*07/02/25*	*07/03/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2527082
Chloride	**93.7**	20.0	1	07/02/25	07/03/25	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	7/7/2025 2:27:26PM

SS04-1'

E506286-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2526175
Benzene	ND	0.0250	1	06/28/25	07/02/25	
Ethylbenzene	ND	0.0250	1	06/28/25	07/02/25	
Toluene	ND	0.0250	1	06/28/25	07/02/25	
o-Xylene	ND	0.0250	1	06/28/25	07/02/25	
p,m-Xylene	ND	0.0500	1	06/28/25	07/02/25	
Total Xylenes	ND	0.0250	1	06/28/25	07/02/25	
Surrogate: 4-Bromochlorobenzene-PID		*87.9 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2526175
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/25	07/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.8 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2527068
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/03/25	
Surrogate: n-Nonane		*107 %*	*61-141*	*07/02/25*	*07/03/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2527082
Chloride	**362**	20.0	1	07/02/25	07/03/25	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	7/7/2025 2:27:26PM

SS06-0'

E506286-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2526175
Benzene	ND	0.0250	1	06/28/25	07/02/25	
Ethylbenzene	ND	0.0250	1	06/28/25	07/02/25	
Toluene	ND	0.0250	1	06/28/25	07/02/25	
o-Xylene	ND	0.0250	1	06/28/25	07/02/25	
p,m-Xylene	ND	0.0500	1	06/28/25	07/02/25	
Total Xylenes	ND	0.0250	1	06/28/25	07/02/25	
Surrogate: 4-Bromochlorobenzene-PID		*85.5 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2526175
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/25	07/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.9 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2527068
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/03/25	
Surrogate: n-Nonane		*99.5 %*	*61-141*	*07/02/25*	*07/03/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2527082
Chloride	**25.1**	20.0	1	07/02/25	07/03/25	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	7/7/2025 2:27:26PM

SS06-1'

E506286-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2526175
Benzene	ND	0.0250	1	06/28/25	07/02/25	
Ethylbenzene	ND	0.0250	1	06/28/25	07/02/25	
Toluene	ND	0.0250	1	06/28/25	07/02/25	
o-Xylene	ND	0.0250	1	06/28/25	07/02/25	
p,m-Xylene	ND	0.0500	1	06/28/25	07/02/25	
Total Xylenes	ND	0.0250	1	06/28/25	07/02/25	
Surrogate: 4-Bromochlorobenzene-PID		*86.6 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2526175
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/25	07/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.2 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2527068
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/03/25	
Surrogate: n-Nonane		*101 %*	*61-141*	*07/02/25*	*07/03/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2527082
Chloride	**78.9**	40.0	2	07/02/25	07/03/25	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	7/7/2025 2:27:26PM

SS07-0'

E506286-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2526175
Benzene	ND	0.0250	1	06/28/25	07/02/25	
Ethylbenzene	ND	0.0250	1	06/28/25	07/02/25	
Toluene	ND	0.0250	1	06/28/25	07/02/25	
o-Xylene	ND	0.0250	1	06/28/25	07/02/25	
p,m-Xylene	ND	0.0500	1	06/28/25	07/02/25	
Total Xylenes	ND	0.0250	1	06/28/25	07/02/25	
Surrogate: 4-Bromochlorobenzene-PID		*84.8 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2526175
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/25	07/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.8 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2527068
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/03/25	
Surrogate: n-Nonane		*101 %*	*61-141*	*07/02/25*	*07/03/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2527082
Chloride	ND	20.0	1	07/02/25	07/03/25	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	7/7/2025 2:27:26PM

SS07-1'

E506286-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2526175
Benzene	ND	0.0250	1	06/28/25	07/02/25	
Ethylbenzene	ND	0.0250	1	06/28/25	07/02/25	
Toluene	ND	0.0250	1	06/28/25	07/02/25	
o-Xylene	ND	0.0250	1	06/28/25	07/02/25	
p,m-Xylene	ND	0.0500	1	06/28/25	07/02/25	
Total Xylenes	ND	0.0250	1	06/28/25	07/02/25	
Surrogate: 4-Bromochlorobenzene-PID		*86.6 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2526175
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/25	07/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.1 %*	*70-130*	*06/28/25*	*07/02/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2527068
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/03/25	
Surrogate: n-Nonane		*105 %*	*61-141*	*07/02/25*	*07/03/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2527082
Chloride	ND	40.0	2	07/02/25	07/03/25	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	7/7/2025 2:27:26PM

WS01

E506286-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/L	mg/L	Analyst: IY			Batch: 2526181
Chloride	**1530**	40.0	20	06/28/25	06/28/25	

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	7/7/2025 2:27:26PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2526175-BLK1)									Prepared: 06/28/25 Analyzed: 07/01/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*6.80*		*8.00*		*85.0*	*70-130*			
LCS (2526175-BS1)									Prepared: 06/28/25 Analyzed: 07/01/25
Benzene	5.07	0.0250	5.00		101	70-130			
Ethylbenzene	4.96	0.0250	5.00		99.3	70-130			
Toluene	5.04	0.0250	5.00		101	70-130			
o-Xylene	4.98	0.0250	5.00		99.6	70-130			
p,m-Xylene	10.0	0.0500	10.0		100	70-130			
Total Xylenes	15.0	0.0250	15.0		100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*6.81*		*8.00*		*85.1*	*70-130*			
Matrix Spike (2526175-MS1)				**Source: E506286-03**					Prepared: 06/28/25 Analyzed: 07/02/25
Benzene	5.25	0.0250	5.00	ND	105	70-130			
Ethylbenzene	5.12	0.0250	5.00	ND	102	70-130			
Toluene	5.21	0.0250	5.00	ND	104	70-130			
o-Xylene	5.12	0.0250	5.00	ND	102	70-130			
p,m-Xylene	10.4	0.0500	10.0	ND	104	70-130			
Total Xylenes	15.5	0.0250	15.0	ND	103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*6.80*		*8.00*		*85.0*	*70-130*			
Matrix Spike Dup (2526175-MSD1)				**Source: E506286-03**					Prepared: 06/28/25 Analyzed: 07/02/25
Benzene	5.40	0.0250	5.00	ND	108	70-130	2.72	27	
Ethylbenzene	5.26	0.0250	5.00	ND	105	70-130	2.70	26	
Toluene	5.34	0.0250	5.00	ND	107	70-130	2.56	20	
o-Xylene	5.20	0.0250	5.00	ND	104	70-130	1.54	25	
p,m-Xylene	10.6	0.0500	10.0	ND	106	70-130	2.43	23	
Total Xylenes	15.8	0.0250	15.0	ND	105	70-130	2.14	26	
Surrogate: 4-Bromochlorobenzene-PID	*6.89*		*8.00*		*86.1*	*70-130*			

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	7/7/2025 2:27:26PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2526175-BLK1)									Prepared: 06/28/25 Analyzed: 07/01/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.51*		*8.00*		*93.8*	*70-130*			
LCS (2526175-BS2)									Prepared: 06/28/25 Analyzed: 07/01/25
Gasoline Range Organics (C6-C10)	41.7	20.0	50.0		83.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.62*		*8.00*		*95.3*	*70-130*			
Matrix Spike (2526175-MS2)				**Source: E506286-03**					Prepared: 06/28/25 Analyzed: 07/02/25
Gasoline Range Organics (C6-C10)	45.7	20.0	50.0	ND	91.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.64*		*8.00*		*95.6*	*70-130*			
Matrix Spike Dup (2526175-MSD2)				**Source: E506286-03**					Prepared: 06/28/25 Analyzed: 07/02/25
Gasoline Range Organics (C6-C10)	48.4	20.0	50.0	ND	96.8	70-130	5.84	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.67*		*8.00*		*95.9*	*70-130*			

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	7/7/2025 2:27:26PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2527068-BLK1)									Prepared: 07/02/25 Analyzed: 07/03/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*46.5*		*50.0*		*92.9*	*61-141*			
LCS (2527068-BS1)									Prepared: 07/02/25 Analyzed: 07/03/25
Diesel Range Organics (C10-C28)	228	25.0	250		91.1	66-144			
Surrogate: n-Nonane	*48.4*		*50.0*		*96.8*	*61-141*			
Matrix Spike (2527068-MS1)				**Source: E506289-25**					Prepared: 07/02/25 Analyzed: 07/03/25
Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	56-156			
Surrogate: n-Nonane	*54.3*		*50.0*		*109*	*61-141*			
Matrix Spike Dup (2527068-MSD1)				**Source: E506289-25**					Prepared: 07/02/25 Analyzed: 07/03/25
Diesel Range Organics (C10-C28)	248	25.0	250	ND	99.2	56-156	4.08	20	
Surrogate: n-Nonane	*52.2*		*50.0*		*104*	*61-141*			

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	7/7/2025 2:27:26PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/L	mg/L	mg/L	mg/L	%	%	%	%	
Blank (2526181-BLK1)									Prepared: 06/28/25 Analyzed: 06/28/25
Chloride	ND	2.00							
LCS (2526181-BS1)									Prepared: 06/28/25 Analyzed: 06/28/25
Chloride	25.1	2.00	25.0		100	90-110			
LCS Dup (2526181-BSD1)									Prepared: 06/28/25 Analyzed: 06/28/25
Chloride	25.1	2.00	25.0		100	90-110	0.00918	20	

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	7/7/2025 2:27:26PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2527082-BLK1)									Prepared: 07/02/25 Analyzed: 07/03/25
Chloride	ND	20.0							
LCS (2527082-BS1)									Prepared: 07/02/25 Analyzed: 07/03/25
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2527082-MS1)				**Source: E506286-06**					Prepared: 07/02/25 Analyzed: 07/03/25
Chloride	270	40.0	250	ND	108	80-120			
Matrix Spike Dup (2527082-MSD1)				**Source: E506286-06**					Prepared: 07/02/25 Analyzed: 07/03/25
Chloride	276	40.0	250	ND	110	80-120	2.00	20	

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

Definitions and Notes

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	07/07/25 14:27

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 6/18/2026 4:05:00 PM
Received by OCD: 6/1/2026 12:05:31 PM

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: WPX Energy Permian, LLC	Company: WPX Energy Permian, LLC	Lab WO# E50U2310	1D 2D 3D Std	NM CO UT TX
Project: Shepherd Dalmatian CTB	Address: 5315 Buena Vista Dr	Job Number 01058.0007		
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220		X	
Address: 3122 National Parks Hwy	Phone: (575)689-7597			
City, State, Zip: Carlsbad NM, 88220	Email: jim.raley@dvn.com			
Phone: 575-988-0055	Miscellaneous: Jim Raley			
Email: agiovengo@ensolum.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Remarks
14:09	6/26/2025	S	1	SS04-0'		1						X			3.6
15:31	6/26/2025	S	1	SS04-1'		2						X			3.0
12:49	6/26/2025	S	1	SS06-0'		3						X			2.8
12:51	6/26/2025	S	1	SS06-1'		4						X			2.4
11:33	6/26/2025	S	1	SS07-0'		5						X			3.0
12:36	6/26/2025	S	1	SS07-1'		6						X			2.0

Analysis and Method

EPA Program: SDWA | CWA | RCRA

Compliance Y or N

PWSID #

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

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

Sampled by: Aboubakar Kone

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	6/27/25	7:11	Michelle Gonzales	6.27.25	0711
Michelle Gonzales	6.27.25	1645		6.27.25	1790
	6.27.25	2400		6.28.25	930

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Lab Use Only

Received on ice: (Y) / N

T1 T2 T3

AVG Temp °C

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

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

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

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Released to Imaging: 6/18/2026 4:05:00 PM
Received by OCD: 6/1/2026 12:05:31 PM

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: WPX Energy Permian, LLC	Company: WPX Energy Permian, LLC	Lab WO# E502860	Job Number 01058:0007	1D 2D 3D Std: X
Project: Shepherd Dalmatian TB	Address: 5315 Buena Vista Dr			NM CO UT TX
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: (575)689-7597			
City, State, Zip: Carlsbad NM, 88220	Email: jim.raley@dvn.com			
Phone: 575-988-0055	Miscellaneous: Jim Raley			
Email: agiovengo@ensolum.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Remarks
10:00	6/26/2025	A	1	WS01		1					X							3.1

Analysis and Method

EPA Program: SDWA | CWA | RCRA

Compliance Y or N

PWSID #

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

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

Sampled by: Aboubakar Kone

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	6/27/25	7:11	Michelle Gonzales	6.27.25	0711
Michelle Gonzales	6.27.25	1645		6.27.25	1730
	6.27.25	2400		6.28.25	930

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Lab Use Only

Received on ice: (Y) / N

T1 T2 T3

AVG Temp °C

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

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

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

Envirotech Analytical Laboratory

Printed: 6/30/2025 9:33:58AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	WPX Energy - Carlsbad	Date Received:	06/28/25 09:30	Work Order ID:	E506286
Phone:	(539) 573-4018	Date Logged In:	06/27/25 15:33	Logged In By:	Caitlin Mars
Email:	ashley.giovengo@wesominc.com	Due Date:	07/07/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes

Sample Cooler

7. Was a sample cooler received?	Yes
8. If yes, was cooler received in good condition?	Yes
9. Was the sample(s) received intact, i.e., not broken?	Yes
10. Were custody/security seals present?	No
11. If yes, were custody/security seals intact?	NA
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.	

Sample Container

14. Are aqueous VOC samples present?	No
15. Are VOC samples collected in VOA Vials?	NA
16. Is the head space less than 6-8 mm (pea sized or less)?	NA
17. Was a trip blank (TB) included for VOC analyses?	NA
18. Are non-VOC samples collected in the correct containers?	Yes
19. Is the appropriate volume/weight or number of sample containers collected?	Yes

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No
22. Are sample(s) correctly preserved?	NA
24. Is lab filtration required and/or requested for dissolved metals?	No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Client Instruction

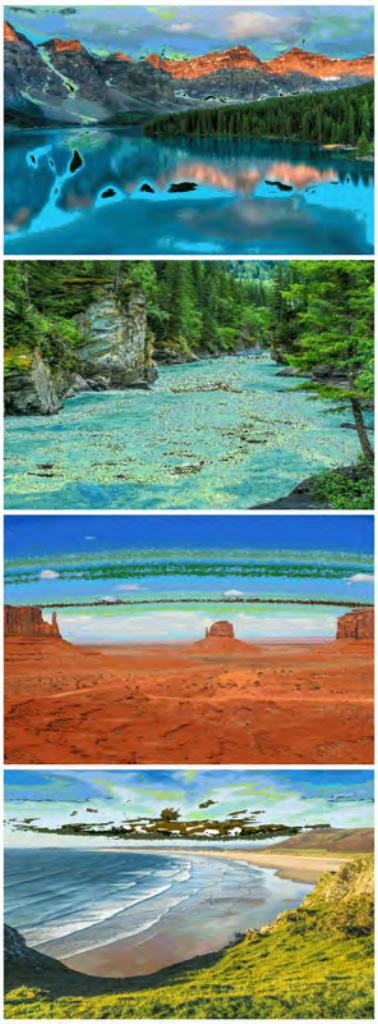
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

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:	Shepherd Dalmation CTB
Work Order:	E507300
Job Number:	01058-0007
Received:	7/25/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/31/25

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

Date Reported: 7/31/25

Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Shepherd Dalmation CTB
Workorder: E507300
Date Received: 7/25/2025 7:45:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/25/2025 7:45:00AM, under the Project Name: Shepherd Dalmation CTB.

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

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

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

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

Respectfully,

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

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	07/31/25 09:35

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS05-0'	E507300-01A	Soil	07/23/25	07/25/25	Glass Jar, 2 oz.
SS05-1'	E507300-02A	Soil	07/23/25	07/25/25	Glass Jar, 2 oz.
SS09-0'	E507300-03A	Soil	07/23/25	07/25/25	Glass Jar, 2 oz.
SS09-1'	E507300-04A	Soil	07/23/25	07/25/25	Glass Jar, 2 oz.
PH01-0'	E507300-05A	Soil	07/23/25	07/25/25	Glass Jar, 2 oz.
PH01-2'	E507300-06A	Soil	07/23/25	07/25/25	Glass Jar, 2 oz.
PH02-0'	E507300-07A	Soil	07/23/25	07/25/25	Glass Jar, 2 oz.
PH02-1'	E507300-08A	Soil	07/23/25	07/25/25	Glass Jar, 2 oz.
PH02-3'	E507300-09A	Soil	07/23/25	07/25/25	Glass Jar, 2 oz.
BH03-0'	E507300-10A	Soil	07/23/25	07/25/25	Glass Jar, 2 oz.
BH03-1'	E507300-11A	Soil	07/23/25	07/25/25	Glass Jar, 2 oz.
BH03-3'	E507300-12A	Soil	07/23/25	07/25/25	Glass Jar, 2 oz.
PH04-0'	E507300-13A	Soil	07/23/25	07/25/25	Glass Jar, 2 oz.
PH04-2'	E507300-14A	Soil	07/23/25	07/25/25	Glass Jar, 2 oz.
PH04-4'	E507300-15A	Soil	07/23/25	07/25/25	Glass Jar, 2 oz.
PH05-0'	E507300-16A	Soil	07/23/25	07/25/25	Glass Jar, 2 oz.
PH05-1'	E507300-17A	Soil	07/23/25	07/25/25	Glass Jar, 2 oz.
PH06-0'	E507300-18A	Soil	07/23/25	07/25/25	Glass Jar, 2 oz.
PH06-1'	E507300-19A	Soil	07/23/25	07/25/25	Glass Jar, 2 oz.
PH06-3'	E507300-20A	Soil	07/23/25	07/25/25	Glass Jar, 2 oz.
PH07-0'	E507300-21A	Soil	07/23/25	07/25/25	Glass Jar, 2 oz.
PH07-2'	E507300-22A	Soil	07/23/25	07/25/25	Glass Jar, 2 oz.
PH07-4'	E507300-23A	Soil	07/23/25	07/25/25	Glass Jar, 2 oz.
PH08-0'	E507300-24A	Soil	07/23/25	07/25/25	Glass Jar, 2 oz.
PH08-1'	E507300-25A	Soil	07/23/25	07/25/25	Glass Jar, 2 oz.
BH09-0'	E507300-26A	Soil	07/23/25	07/25/25	Glass Jar, 2 oz.
BH09-1'	E507300-27A	Soil	07/23/25	07/25/25	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/31/2025 9:35:04AM

SS05-0'

E507300-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2531017
Benzene	ND	0.0250	1	07/28/25	07/28/25	
Ethylbenzene	ND	0.0250	1	07/28/25	07/28/25	
Toluene	ND	0.0250	1	07/28/25	07/28/25	
o-Xylene	ND	0.0250	1	07/28/25	07/28/25	
p,m-Xylene	ND	0.0500	1	07/28/25	07/28/25	
Total Xylenes	ND	0.0250	1	07/28/25	07/28/25	
Surrogate: 4-Bromochlorobenzene-PID		*86.7 %*	*70-130*	*07/28/25*	*07/28/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2531017
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/25	07/28/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.5 %*	*70-130*	*07/28/25*	*07/28/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2531071
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/30/25	
Surrogate: n-Nonane		*103 %*	*61-141*	*07/29/25*	*07/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2531066
Chloride	ND	100	5	07/29/25	07/29/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/31/2025 9:35:04AM

SS05-1'

E507300-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2531017
Benzene	ND	0.0250	1	07/28/25	07/28/25	
Ethylbenzene	ND	0.0250	1	07/28/25	07/28/25	
Toluene	ND	0.0250	1	07/28/25	07/28/25	
o-Xylene	ND	0.0250	1	07/28/25	07/28/25	
p,m-Xylene	ND	0.0500	1	07/28/25	07/28/25	
Total Xylenes	ND	0.0250	1	07/28/25	07/28/25	
Surrogate: 4-Bromochlorobenzene-PID		*87.5 %*	*70-130*	*07/28/25*	*07/28/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2531017
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/25	07/28/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.6 %*	*70-130*	*07/28/25*	*07/28/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2531071
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/30/25	
Surrogate: n-Nonane		*113 %*	*61-141*	*07/29/25*	*07/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2531066
Chloride	**45.4**	40.0	2	07/29/25	07/29/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/31/2025 9:35:04AM

SS09-0'

E507300-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2531017
Benzene	ND	0.0250	1	07/28/25	07/28/25	
Ethylbenzene	ND	0.0250	1	07/28/25	07/28/25	
Toluene	ND	0.0250	1	07/28/25	07/28/25	
o-Xylene	ND	0.0250	1	07/28/25	07/28/25	
p,m-Xylene	ND	0.0500	1	07/28/25	07/28/25	
Total Xylenes	ND	0.0250	1	07/28/25	07/28/25	
Surrogate: 4-Bromochlorobenzene-PID		*86.5 %*	*70-130*	*07/28/25*	*07/28/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2531017
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/25	07/28/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.5 %*	*70-130*	*07/28/25*	*07/28/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2531071
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/30/25	
Surrogate: n-Nonane		*109 %*	*61-141*	*07/29/25*	*07/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2531066
Chloride	ND	100	5	07/29/25	07/29/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/31/2025 9:35:04AM

SS09-1'

E507300-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2531017
Benzene	ND	0.0250	1	07/28/25	07/28/25	
Ethylbenzene	ND	0.0250	1	07/28/25	07/28/25	
Toluene	ND	0.0250	1	07/28/25	07/28/25	
o-Xylene	ND	0.0250	1	07/28/25	07/28/25	
p,m-Xylene	ND	0.0500	1	07/28/25	07/28/25	
Total Xylenes	ND	0.0250	1	07/28/25	07/28/25	
Surrogate: 4-Bromochlorobenzene-PID		*86.1 %*	*70-130*	*07/28/25*	*07/28/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2531017
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/25	07/28/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.8 %*	*70-130*	*07/28/25*	*07/28/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2531071
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/30/25	
Surrogate: n-Nonane		*107 %*	*61-141*	*07/29/25*	*07/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2531066
Chloride	ND	100	5	07/29/25	07/29/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/31/2025 9:35:04AM

PH01-0'

E507300-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2531017
Benzene	ND	0.0250	1	07/28/25	07/28/25	
Ethylbenzene	ND	0.0250	1	07/28/25	07/28/25	
Toluene	ND	0.0250	1	07/28/25	07/28/25	
o-Xylene	ND	0.0250	1	07/28/25	07/28/25	
p,m-Xylene	ND	0.0500	1	07/28/25	07/28/25	
Total Xylenes	ND	0.0250	1	07/28/25	07/28/25	
Surrogate: 4-Bromochlorobenzene-PID		*86.1 %*	*70-130*	*07/28/25*	*07/28/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2531017
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/25	07/28/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.4 %*	*70-130*	*07/28/25*	*07/28/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2531071
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/30/25	
Surrogate: n-Nonane		*110 %*	*61-141*	*07/29/25*	*07/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2531066
Chloride	**225**	20.0	1	07/29/25	07/29/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/31/2025 9:35:04AM

PH01-2'

E507300-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2531017
Benzene	ND	0.0250	1	07/28/25	07/28/25	
Ethylbenzene	ND	0.0250	1	07/28/25	07/28/25	
Toluene	ND	0.0250	1	07/28/25	07/28/25	
o-Xylene	ND	0.0250	1	07/28/25	07/28/25	
p,m-Xylene	ND	0.0500	1	07/28/25	07/28/25	
Total Xylenes	ND	0.0250	1	07/28/25	07/28/25	
Surrogate: 4-Bromochlorobenzene-PID		*87.3 %*	*70-130*	*07/28/25*	*07/28/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2531017
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/25	07/28/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.3 %*	*70-130*	*07/28/25*	*07/28/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2531071
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/30/25	
Surrogate: n-Nonane		*126 %*	*61-141*	*07/29/25*	*07/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2531066
Chloride	**221**	20.0	1	07/29/25	07/29/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/31/2025 9:35:04AM

PH02-0'

E507300-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2531017
Benzene	ND	0.0250	1	07/28/25	07/28/25	
Ethylbenzene	ND	0.0250	1	07/28/25	07/28/25	
Toluene	ND	0.0250	1	07/28/25	07/28/25	
o-Xylene	ND	0.0250	1	07/28/25	07/28/25	
p,m-Xylene	ND	0.0500	1	07/28/25	07/28/25	
Total Xylenes	ND	0.0250	1	07/28/25	07/28/25	
Surrogate: 4-Bromochlorobenzene-PID		*86.6 %*	*70-130*	*07/28/25*	*07/28/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2531017
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/25	07/28/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.5 %*	*70-130*	*07/28/25*	*07/28/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2531071
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/30/25	
Surrogate: n-Nonane		*112 %*	*61-141*	*07/29/25*	*07/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2531066
Chloride	**3190**	200	10	07/29/25	07/29/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/31/2025 9:35:04AM

PH02-1'

E507300-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2531017
Benzene	ND	0.0250	1	07/28/25	07/28/25	
Ethylbenzene	ND	0.0250	1	07/28/25	07/28/25	
Toluene	ND	0.0250	1	07/28/25	07/28/25	
o-Xylene	ND	0.0250	1	07/28/25	07/28/25	
p,m-Xylene	ND	0.0500	1	07/28/25	07/28/25	
Total Xylenes	ND	0.0250	1	07/28/25	07/28/25	
Surrogate: 4-Bromochlorobenzene-PID		*87.1 %*	*70-130*	*07/28/25*	*07/28/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2531017
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/25	07/28/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.9 %*	*70-130*	*07/28/25*	*07/28/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2531071
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/30/25	
Surrogate: n-Nonane		*111 %*	*61-141*	*07/29/25*	*07/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2531066
Chloride	**1710**	200	10	07/29/25	07/29/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/31/2025 9:35:04AM

PH02-3'

E507300-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2531017
Benzene	ND	0.0250	1	07/28/25	07/28/25	
Ethylbenzene	ND	0.0250	1	07/28/25	07/28/25	
Toluene	ND	0.0250	1	07/28/25	07/28/25	
o-Xylene	ND	0.0250	1	07/28/25	07/28/25	
p,m-Xylene	ND	0.0500	1	07/28/25	07/28/25	
Total Xylenes	ND	0.0250	1	07/28/25	07/28/25	
Surrogate: 4-Bromochlorobenzene-PID		*84.4 %*	*70-130*	*07/28/25*	*07/28/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2531017
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/25	07/28/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.6 %*	*70-130*	*07/28/25*	*07/28/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2531071
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/30/25	
Surrogate: n-Nonane		*114 %*	*61-141*	*07/29/25*	*07/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2531066
Chloride	**243**	20.0	1	07/29/25	07/29/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/31/2025 9:35:04AM

BH03-0'

E507300-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2531017
Benzene	ND	0.0250	1	07/28/25	07/28/25	
Ethylbenzene	ND	0.0250	1	07/28/25	07/28/25	
Toluene	ND	0.0250	1	07/28/25	07/28/25	
o-Xylene	ND	0.0250	1	07/28/25	07/28/25	
p,m-Xylene	ND	0.0500	1	07/28/25	07/28/25	
Total Xylenes	ND	0.0250	1	07/28/25	07/28/25	
Surrogate: 4-Bromochlorobenzene-PID		*87.9 %*	*70-130*	*07/28/25*	*07/28/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2531017
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/25	07/28/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.2 %*	*70-130*	*07/28/25*	*07/28/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2531071
Diesel Range Organics (C10-C28)	**225**	25.0	1	07/29/25	07/30/25	
Oil Range Organics (C28-C36)	**138**	50.0	1	07/29/25	07/30/25	
Surrogate: n-Nonane		*111 %*	*61-141*	*07/29/25*	*07/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2531066
Chloride	ND	100	5	07/29/25	07/29/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/31/2025 9:35:04AM

BH03-1'

E507300-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2531017
Benzene	ND	0.0250	1	07/28/25	07/28/25	
Ethylbenzene	ND	0.0250	1	07/28/25	07/28/25	
Toluene	ND	0.0250	1	07/28/25	07/28/25	
o-Xylene	ND	0.0250	1	07/28/25	07/28/25	
p,m-Xylene	ND	0.0500	1	07/28/25	07/28/25	
Total Xylenes	ND	0.0250	1	07/28/25	07/28/25	
Surrogate: 4-Bromochlorobenzene-PID		*88.5 %*	*70-130*	*07/28/25*	*07/28/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2531017
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/25	07/28/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.4 %*	*70-130*	*07/28/25*	*07/28/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2531071
Diesel Range Organics (C10-C28)	**64.2**	25.0	1	07/29/25	07/30/25	
Oil Range Organics (C28-C36)	**57.7**	50.0	1	07/29/25	07/30/25	
Surrogate: n-Nonane		*108 %*	*61-141*	*07/29/25*	*07/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2531066
Chloride	**600**	100	5	07/29/25	07/29/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/31/2025 9:35:04AM

BH03-3'

E507300-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2531017
Benzene	ND	0.0250	1	07/28/25	07/29/25	
Ethylbenzene	ND	0.0250	1	07/28/25	07/29/25	
Toluene	ND	0.0250	1	07/28/25	07/29/25	
o-Xylene	ND	0.0250	1	07/28/25	07/29/25	
p,m-Xylene	ND	0.0500	1	07/28/25	07/29/25	
Total Xylenes	ND	0.0250	1	07/28/25	07/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*84.3 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2531017
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/25	07/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.2 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2531071
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/30/25	
Surrogate: n-Nonane		*117 %*	*61-141*	*07/29/25*	*07/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2531066
Chloride	**316**	40.0	2	07/29/25	07/29/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/31/2025 9:35:04AM

PH04-0'

E507300-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2531017
Benzene	ND	0.0250	1	07/28/25	07/29/25	
Ethylbenzene	ND	0.0250	1	07/28/25	07/29/25	
Toluene	ND	0.0250	1	07/28/25	07/29/25	
o-Xylene	ND	0.0250	1	07/28/25	07/29/25	
p,m-Xylene	ND	0.0500	1	07/28/25	07/29/25	
Total Xylenes	ND	0.0250	1	07/28/25	07/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*85.5 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2531017
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/25	07/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.9 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2531071
Diesel Range Organics (C10-C28)	**371**	25.0	1	07/29/25	07/30/25	
Oil Range Organics (C28-C36)	**186**	50.0	1	07/29/25	07/30/25	
Surrogate: n-Nonane		*110 %*	*61-141*	*07/29/25*	*07/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2531066
Chloride	**4820**	200	10	07/29/25	07/30/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/31/2025 9:35:04AM

PH04-2'

E507300-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2531017
Benzene	ND	0.0250	1	07/28/25	07/29/25	
Ethylbenzene	ND	0.0250	1	07/28/25	07/29/25	
Toluene	ND	0.0250	1	07/28/25	07/29/25	
o-Xylene	ND	0.0250	1	07/28/25	07/29/25	
p,m-Xylene	ND	0.0500	1	07/28/25	07/29/25	
Total Xylenes	ND	0.0250	1	07/28/25	07/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*84.5 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2531017
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/25	07/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.5 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2531071
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/30/25	
Surrogate: n-Nonane		*110 %*	*61-141*	*07/29/25*	*07/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2531066
Chloride	**2570**	40.0	2	07/29/25	07/30/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/31/2025 9:35:04AM

PH04-4'

E507300-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2531017
Benzene	ND	0.0250	1	07/28/25	07/29/25	
Ethylbenzene	ND	0.0250	1	07/28/25	07/29/25	
Toluene	ND	0.0250	1	07/28/25	07/29/25	
o-Xylene	ND	0.0250	1	07/28/25	07/29/25	
p,m-Xylene	ND	0.0500	1	07/28/25	07/29/25	
Total Xylenes	ND	0.0250	1	07/28/25	07/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*84.5 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2531017
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/25	07/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.6 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2531071
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/30/25	
Surrogate: n-Nonane		*115 %*	*61-141*	*07/29/25*	*07/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2531066
Chloride	**520**	20.0	1	07/29/25	07/30/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/31/2025 9:35:04AM

PH05-0'

E507300-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2531017
Benzene	ND	0.0250	1	07/28/25	07/29/25	
Ethylbenzene	ND	0.0250	1	07/28/25	07/29/25	
Toluene	ND	0.0250	1	07/28/25	07/29/25	
o-Xylene	ND	0.0250	1	07/28/25	07/29/25	
p,m-Xylene	ND	0.0500	1	07/28/25	07/29/25	
Total Xylenes	ND	0.0250	1	07/28/25	07/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*85.4 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2531017
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/25	07/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.1 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2531071
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/30/25	
Surrogate: n-Nonane		*113 %*	*61-141*	*07/29/25*	*07/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2531066
Chloride	**857**	20.0	1	07/29/25	07/30/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/31/2025 9:35:04AM

PH05-1'

E507300-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2531017
Benzene	ND	0.0250	1	07/28/25	07/29/25	
Ethylbenzene	ND	0.0250	1	07/28/25	07/29/25	
Toluene	ND	0.0250	1	07/28/25	07/29/25	
o-Xylene	ND	0.0250	1	07/28/25	07/29/25	
p,m-Xylene	ND	0.0500	1	07/28/25	07/29/25	
Total Xylenes	ND	0.0250	1	07/28/25	07/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*85.4 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2531017
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/25	07/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.3 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2531071
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/30/25	
Surrogate: n-Nonane		*112 %*	*61-141*	*07/29/25*	*07/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2531066
Chloride	**66.7**	20.0	1	07/29/25	07/30/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/31/2025 9:35:04AM

PH06-0'

E507300-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2531017
Benzene	ND	0.0250	1	07/28/25	07/29/25	
Ethylbenzene	ND	0.0250	1	07/28/25	07/29/25	
Toluene	ND	0.0250	1	07/28/25	07/29/25	
o-Xylene	ND	0.0250	1	07/28/25	07/29/25	
p,m-Xylene	ND	0.0500	1	07/28/25	07/29/25	
Total Xylenes	ND	0.0250	1	07/28/25	07/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*85.9 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2531017
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/25	07/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.6 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2531071
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/30/25	
Surrogate: n-Nonane		*114 %*	*61-141*	*07/29/25*	*07/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2531066
Chloride	**470**	200	10	07/29/25	07/30/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/31/2025 9:35:04AM

PH06-1'

E507300-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2531017
Benzene	ND	0.0250	1	07/28/25	07/29/25	
Ethylbenzene	ND	0.0250	1	07/28/25	07/29/25	
Toluene	ND	0.0250	1	07/28/25	07/29/25	
o-Xylene	ND	0.0250	1	07/28/25	07/29/25	
p,m-Xylene	ND	0.0500	1	07/28/25	07/29/25	
Total Xylenes	ND	0.0250	1	07/28/25	07/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*86.8 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2531017
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/25	07/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.0 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2531071
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/30/25	
Surrogate: n-Nonane		*116 %*	*61-141*	*07/29/25*	*07/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2531066
Chloride	**509**	200	10	07/29/25	07/30/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/31/2025 9:35:04AM

PH06-3'

E507300-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2531017
Benzene	ND	0.0250	1	07/28/25	07/29/25	
Ethylbenzene	ND	0.0250	1	07/28/25	07/29/25	
Toluene	ND	0.0250	1	07/28/25	07/29/25	
o-Xylene	ND	0.0250	1	07/28/25	07/29/25	
p,m-Xylene	ND	0.0500	1	07/28/25	07/29/25	
Total Xylenes	ND	0.0250	1	07/28/25	07/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*86.8 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2531017
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/25	07/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.9 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2531071
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/30/25	
Surrogate: n-Nonane		*112 %*	*61-141*	*07/29/25*	*07/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2531066
Chloride	**183**	20.0	1	07/29/25	07/30/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/31/2025 9:35:04AM

PH07-0'

E507300-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2531015
Benzene	ND	0.0250	1	07/28/25	07/29/25	
Ethylbenzene	ND	0.0250	1	07/28/25	07/29/25	
Toluene	ND	0.0250	1	07/28/25	07/29/25	
o-Xylene	ND	0.0250	1	07/28/25	07/29/25	
p,m-Xylene	ND	0.0500	1	07/28/25	07/29/25	
Total Xylenes	ND	0.0250	1	07/28/25	07/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*89.4 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2531015
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/25	07/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.8 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2531054
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/30/25	
Surrogate: n-Nonane		*82.2 %*	*61-141*	*07/29/25*	*07/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2531044
Chloride	**1260**	200	10	07/29/25	07/29/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/31/2025 9:35:04AM

PH07-2'

E507300-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2531015
Benzene	ND	0.0250	1	07/28/25	07/29/25	
Ethylbenzene	ND	0.0250	1	07/28/25	07/29/25	
Toluene	ND	0.0250	1	07/28/25	07/29/25	
o-Xylene	ND	0.0250	1	07/28/25	07/29/25	
p,m-Xylene	ND	0.0500	1	07/28/25	07/29/25	
Total Xylenes	ND	0.0250	1	07/28/25	07/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*88.6 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2531015
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/25	07/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.8 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2531054
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/30/25	
Surrogate: n-Nonane		*95.5 %*	*61-141*	*07/29/25*	*07/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2531044
Chloride	**999**	200	10	07/29/25	07/29/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/31/2025 9:35:04AM

PH07-4'

E507300-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2531015
Benzene	ND	0.0250	1	07/28/25	07/29/25	
Ethylbenzene	ND	0.0250	1	07/28/25	07/29/25	
Toluene	ND	0.0250	1	07/28/25	07/29/25	
o-Xylene	ND	0.0250	1	07/28/25	07/29/25	
p,m-Xylene	ND	0.0500	1	07/28/25	07/29/25	
Total Xylenes	ND	0.0250	1	07/28/25	07/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*88.8 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2531015
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/25	07/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.5 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2531054
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/30/25	
Surrogate: n-Nonane		*89.6 %*	*61-141*	*07/29/25*	*07/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2531044
Chloride	**136**	20.0	1	07/29/25	07/29/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/31/2025 9:35:04AM

PH08-0'

E507300-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2531015
Benzene	ND	0.0250	1	07/28/25	07/29/25	
Ethylbenzene	ND	0.0250	1	07/28/25	07/29/25	
Toluene	ND	0.0250	1	07/28/25	07/29/25	
o-Xylene	ND	0.0250	1	07/28/25	07/29/25	
p,m-Xylene	ND	0.0500	1	07/28/25	07/29/25	
Total Xylenes	ND	0.0250	1	07/28/25	07/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*87.3 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2531015
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/25	07/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.1 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2531054
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/30/25	
Surrogate: n-Nonane		*89.1 %*	*61-141*	*07/29/25*	*07/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2531044
Chloride	**646**	40.0	2	07/29/25	07/29/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/31/2025 9:35:04AM

PH08-1'

E507300-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2531015
Benzene	ND	0.0250	1	07/28/25	07/29/25	
Ethylbenzene	ND	0.0250	1	07/28/25	07/29/25	
Toluene	ND	0.0250	1	07/28/25	07/29/25	
o-Xylene	ND	0.0250	1	07/28/25	07/29/25	
p,m-Xylene	ND	0.0500	1	07/28/25	07/29/25	
Total Xylenes	ND	0.0250	1	07/28/25	07/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*85.1 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2531015
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/25	07/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.8 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2531054
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/30/25	
Surrogate: n-Nonane		*90.0 %*	*61-141*	*07/29/25*	*07/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2531044
Chloride	**467**	20.0	1	07/29/25	07/29/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/31/2025 9:35:04AM

BH09-0'

E507300-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2531015
Benzene	ND	0.0250	1	07/28/25	07/29/25	
Ethylbenzene	ND	0.0250	1	07/28/25	07/29/25	
Toluene	ND	0.0250	1	07/28/25	07/29/25	
o-Xylene	ND	0.0250	1	07/28/25	07/29/25	
p,m-Xylene	ND	0.0500	1	07/28/25	07/29/25	
Total Xylenes	ND	0.0250	1	07/28/25	07/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*88.7 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2531015
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/25	07/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.0 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2531054
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/30/25	
Surrogate: n-Nonane		*87.0 %*	*61-141*	*07/29/25*	*07/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2531044
Chloride	ND	100	5	07/29/25	07/29/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/31/2025 9:35:04AM

BH09-1'

E507300-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2531015
Benzene	ND	0.0250	1	07/28/25	07/29/25	
Ethylbenzene	ND	0.0250	1	07/28/25	07/29/25	
Toluene	ND	0.0250	1	07/28/25	07/29/25	
o-Xylene	ND	0.0250	1	07/28/25	07/29/25	
p,m-Xylene	ND	0.0500	1	07/28/25	07/29/25	
Total Xylenes	ND	0.0250	1	07/28/25	07/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*87.3 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2531015
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/25	07/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.9 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2531054
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/30/25	
Surrogate: n-Nonane		*86.7 %*	*61-141*	*07/29/25*	*07/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2531044
Chloride	**73.2**	40.0	2	07/29/25	07/30/25	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/31/2025 9:35:04AM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2531015-BLK1)									Prepared: 07/28/25 Analyzed: 07/29/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.00*		*8.00*		*87.5*	*70-130*			
LCS (2531015-BS1)									Prepared: 07/28/25 Analyzed: 07/29/25
Benzene	5.04	0.0250	5.00		101	70-130			
Ethylbenzene	4.90	0.0250	5.00		98.1	70-130			
Toluene	4.98	0.0250	5.00		99.5	70-130			
o-Xylene	4.85	0.0250	5.00		97.1	70-130			
p,m-Xylene	9.90	0.0500	10.0		99.0	70-130			
Total Xylenes	14.8	0.0250	15.0		98.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*6.90*		*8.00*		*86.3*	*70-130*			
Matrix Spike (2531015-MS1)				**Source: E507300-25**					Prepared: 07/28/25 Analyzed: 07/29/25
Benzene	5.11	0.0250	5.00	ND	102	70-130			
Ethylbenzene	4.98	0.0250	5.00	ND	99.5	70-130			
Toluene	5.06	0.0250	5.00	ND	101	70-130			
o-Xylene	4.95	0.0250	5.00	ND	99.1	70-130			
p,m-Xylene	10.0	0.0500	10.0	ND	100	70-130			
Total Xylenes	15.0	0.0250	15.0	ND	100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*6.96*		*8.00*		*87.1*	*70-130*			
Matrix Spike Dup (2531015-MSD1)				**Source: E507300-25**					Prepared: 07/28/25 Analyzed: 07/29/25
Benzene	5.75	0.0250	5.00	ND	115	70-130	11.7	27	
Ethylbenzene	5.60	0.0250	5.00	ND	112	70-130	11.8	26	
Toluene	5.70	0.0250	5.00	ND	114	70-130	11.8	20	
o-Xylene	5.54	0.0250	5.00	ND	111	70-130	11.2	25	
p,m-Xylene	11.3	0.0500	10.0	ND	113	70-130	11.6	23	
Total Xylenes	16.8	0.0250	15.0	ND	112	70-130	11.5	26	
Surrogate: 4-Bromochlorobenzene-PID	*6.93*		*8.00*		*86.6*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/31/2025 9:35:04AM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2531017-BLK1)									Prepared: 07/28/25 Analyzed: 07/28/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*6.52*		*8.00*		*81.5*	*70-130*			
LCS (2531017-BS1)									Prepared: 07/28/25 Analyzed: 07/28/25
Benzene	5.29	0.0250	5.00		106	70-130			
Ethylbenzene	5.15	0.0250	5.00		103	70-130			
Toluene	5.24	0.0250	5.00		105	70-130			
o-Xylene	5.10	0.0250	5.00		102	70-130			
p,m-Xylene	10.4	0.0500	10.0		104	70-130			
Total Xylenes	15.5	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*6.75*		*8.00*		*84.4*	*70-130*			
Matrix Spike (2531017-MS1)				**Source: E507300-09**					Prepared: 07/28/25 Analyzed: 07/28/25
Benzene	5.41	0.0250	5.00	ND	108	70-130			
Ethylbenzene	5.26	0.0250	5.00	ND	105	70-130			
Toluene	5.34	0.0250	5.00	ND	107	70-130			
o-Xylene	5.20	0.0250	5.00	ND	104	70-130			
p,m-Xylene	10.6	0.0500	10.0	ND	106	70-130			
Total Xylenes	15.8	0.0250	15.0	ND	105	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.09*		*8.00*		*88.6*	*70-130*			
Matrix Spike Dup (2531017-MSD1)				**Source: E507300-09**					Prepared: 07/28/25 Analyzed: 07/28/25
Benzene	5.50	0.0250	5.00	ND	110	70-130	1.57	27	
Ethylbenzene	5.36	0.0250	5.00	ND	107	70-130	1.92	26	
Toluene	5.45	0.0250	5.00	ND	109	70-130	1.88	20	
o-Xylene	5.28	0.0250	5.00	ND	106	70-130	1.39	25	
p,m-Xylene	10.8	0.0500	10.0	ND	108	70-130	1.73	23	
Total Xylenes	16.1	0.0250	15.0	ND	107	70-130	1.62	26	
Surrogate: 4-Bromochlorobenzene-PID	*6.95*		*8.00*		*86.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/31/2025 9:35:04AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2531015-BLK1)									Prepared: 07/28/25 Analyzed: 07/29/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.45*		*8.00*		*93.2*	*70-130*			
LCS (2531015-BS2)									Prepared: 07/28/25 Analyzed: 07/29/25
Gasoline Range Organics (C6-C10)	45.9	20.0	50.0		91.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.46*		*8.00*		*93.2*	*70-130*			
Matrix Spike (2531015-MS2)				**Source: E507300-25**					Prepared: 07/28/25 Analyzed: 07/29/25
Gasoline Range Organics (C6-C10)	44.2	20.0	50.0	ND	88.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.48*		*8.00*		*93.4*	*70-130*			
Matrix Spike Dup (2531015-MSD2)				**Source: E507300-25**					Prepared: 07/28/25 Analyzed: 07/29/25
Gasoline Range Organics (C6-C10)	44.8	20.0	50.0	ND	89.6	70-130	1.31	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.50*		*8.00*		*93.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/31/2025 9:35:04AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2531017-BLK1)									Prepared: 07/28/25 Analyzed: 07/28/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.91*		*8.00*		*86.3*	*70-130*			
LCS (2531017-BS2)									Prepared: 07/28/25 Analyzed: 07/29/25
Gasoline Range Organics (C6-C10)	50.6	20.0	50.0		101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.49*		*8.00*		*93.6*	*70-130*			
Matrix Spike (2531017-MS2)				**Source: E507300-09**					Prepared: 07/28/25 Analyzed: 07/28/25
Gasoline Range Organics (C6-C10)	46.7	20.0	50.0	ND	93.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.53*		*8.00*		*94.2*	*70-130*			
Matrix Spike Dup (2531017-MSD2)				**Source: E507300-09**					Prepared: 07/28/25 Analyzed: 07/28/25
Gasoline Range Organics (C6-C10)	49.7	20.0	50.0	ND	99.3	70-130	6.18	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.49*		*8.00*		*93.7*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/31/2025 9:35:04AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2531054-BLK1)									Prepared: 07/29/25 Analyzed: 07/29/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*42.7*		*50.0*		*85.4*	*61-141*			
LCS (2531054-BS1)									Prepared: 07/29/25 Analyzed: 07/29/25
Diesel Range Organics (C10-C28)	257	25.0	250		103	66-144			
Surrogate: n-Nonane	*40.8*		*50.0*		*81.6*	*61-141*			
Matrix Spike (2531054-MS1)				**Source: E507299-03**					Prepared: 07/29/25 Analyzed: 07/29/25
Diesel Range Organics (C10-C28)	283	25.0	250	ND	113	56-156			
Surrogate: n-Nonane	*45.1*		*50.0*		*90.2*	*61-141*			
Matrix Spike Dup (2531054-MSD1)				**Source: E507299-03**					Prepared: 07/29/25 Analyzed: 07/29/25
Diesel Range Organics (C10-C28)	290	25.0	250	ND	116	56-156	2.41	20	
Surrogate: n-Nonane	*46.1*		*50.0*		*92.2*	*61-141*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/31/2025 9:35:04AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2531071-BLK1)									Prepared: 07/29/25 Analyzed: 07/30/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*52.5*		*50.0*		*105*	*61-141*			
LCS (2531071-BS1)									Prepared: 07/29/25 Analyzed: 07/30/25
Diesel Range Organics (C10-C28)	314	25.0	250		125	66-144			
Surrogate: n-Nonane	*54.7*		*50.0*		*109*	*61-141*			
Matrix Spike (2531071-MS1)				**Source: E507300-12**					Prepared: 07/29/25 Analyzed: 07/30/25
Diesel Range Organics (C10-C28)	335	25.0	250	ND	134	56-156			
Surrogate: n-Nonane	*57.4*		*50.0*		*115*	*61-141*			
Matrix Spike Dup (2531071-MSD1)				**Source: E507300-12**					Prepared: 07/29/25 Analyzed: 07/30/25
Diesel Range Organics (C10-C28)	336	25.0	250	ND	134	56-156	0.337	20	
Surrogate: n-Nonane	*55.7*		*50.0*		*111*	*61-141*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/31/2025 9:35:04AM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2531044-BLK1)									Prepared: 07/29/25 Analyzed: 07/29/25
Chloride	ND	20.0							
LCS (2531044-BS1)									Prepared: 07/29/25 Analyzed: 07/29/25
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2531044-MS1)				**Source: E507285-04**					Prepared: 07/29/25 Analyzed: 07/29/25
Chloride	1860	20.0	250	2050	NR	80-120			M4
Matrix Spike Dup (2531044-MSD1)				**Source: E507285-04**					Prepared: 07/29/25 Analyzed: 07/29/25
Chloride	1860	20.0	250	2050	NR	80-120	0.0423	20	M4

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/31/2025 9:35:04AM

Anions by EPA 300.0/9056A

Analyst: JM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2531066-BLK1)							Prepared: 07/29/25 Analyzed: 07/29/25		
Chloride	ND	20.0							
LCS (2531066-BS1)							Prepared: 07/29/25 Analyzed: 07/29/25		
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2531066-MS1)				**Source: E507300-04**			Prepared: 07/29/25 Analyzed: 07/29/25		
Chloride	320	100	250	ND	128	80-120			M1
Matrix Spike Dup (2531066-MSD1)				**Source: E507300-04**			Prepared: 07/29/25 Analyzed: 07/29/25		
Chloride	316	100	250	ND	127	80-120	1.20	20	M1

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:	Shepherd Dalmation CTB	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Ashley Giovengo	07/31/25 09:35

M1	Matrix spike recovery was above acceptance limits. The associated LCS spike recovery was acceptable.
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.

Released to Imaging: 6/18/2026 4:05:00 PM
Received by OCD: 6/1/2026 12:05:31 PM

envirotech
Analytical Laboratory

Chain of Custody

WO# 21607308

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Devon	Company: Devon Energy	Lab WO#: E507300	Job Number: 01058-0007	1D: 2D: 3D: Std: x	NM: x CO: UT: TX:
Project: Shepherd Dalmation CTB	Address: 5315 Buena Vista Dr			
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: (575)689-7597			
City, State, Zip: Carlsbad NM, 88220	Email: jim.raley@dvn.com			
Phone: 575-988-0055	Miscellaneous: Jim Raley			
Email: agiovengo@ensolum.com				

Analysis and Method

EPA Program

SDWA: CWA: RCRA:
Compliance: Y or N
PWSID #:

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
1515	7/23/2025	Soil	1	SS05-0'		1									+			2.0	
1518	↓	↓	↓	SS05-1'		2									+			2.0	
1248				SS09-0'		3									+			1.8	
1309				SS09-1'		4									+			1.6	
0929				PH01-0'		5									+			2.8	
0932				PH01-2'		6									+			3.2	
1044				PH02-0'		7									+			3.6	
1046				PH02-1'		8									+			2.4	
1103				PH02-3'		9									+			2.0	
1516	↓	↓	↓	BH03-0'		10									+			1.8	

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, jgonzales@ensolum.com, jmccauley@ensolum.com

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

Sampled by: Jenna Hinkle

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Jenna Hinkle	7/24/2025	7:00	Michelle Gonzales	7-24-25	0700
Michelle Gonzales	7-24-25	1600	Andrew M.	7.24.25	1700
Andrew M.	7.24.25	2400	Caitlin Mac	7.25.25	745
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only
Received on ice: (Y) N

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

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

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Released to Imaging: 6/18/2026 4:05:00 PM
Received by OCD: 6/1/2026 12:05:31 PM

envirotech
Analytical Laboratory

Chain of Custody

WO# 21607308

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Devon	Company: Devon Energy	Lab WO# E507300	Job Number 01058-0007	1D 2D 3D Std: x	NM: x CO UT TX
Project: Shepherd Dalmation CTB	Address: 5315 Buena Vista Dr			
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: (575)689-7597			
City, State, Zip: Carlsbad NM, 88220	Email: jim.raley@dvn.com			
Phone: 575-988-0055	Miscellaneous: Jim Raley			
Email: agiovengo@ensolum.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	Sample Temp	Remarks
1519	7/23/2025	Soil	1	BH03-1'		11								X		3.2	
1555				BH03-3		12								X		3.0	
1135				PH04-0'		13								X		2.8	
1152				PH04-2'		14								X		2.8	
1302				PH04-4'		15								X		2.10	
0905				PH05-0'		16								X		3.4	
0908				PH05-1'		17								X		2.4	
1012				PH06-0'		18								X		3.0	
1013				PH06-1'		19								X		3.1	
1029				PH06-3'		20								X		3.6	

EPA Program: SDWA | CWA | RCRA

Compliance Y or N

PWSID #

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, jgonzales@ensolum.com, jmccauley@ensolum.com

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

Sampled by: Jenna Hinkle

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Jenna Hinkle	7/24/2025	7:00	Michelle Gonzales	7-24-25	0700
Michelle Gonzales	7.24.25	1600	Andrew M.	7.24.25	1700
Andrew M.	7.24.25	2400	Caitlin Mason	7.25.25	745
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only

Received on ice: (Y) N

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

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

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Released to Imaging: 6/18/2026 4:05:00 PM
Received by OCD: 6/1/2026 12:05:31 PM

envirotech
Analytical Laboratory

Chain of Custody

WO# 21607308

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Devon	Company: Devon Energy	Lab WO# E567300	Job Number 01058-0057	1D 2D 3D Std: x	NM: x CO UT TX
Project: Shepherd Dalmation CTB	Address: 5315 Buena Vista Dr			
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: (575)689-7597			
City, State, Zip: Carlsbad NM, 88220	Email: jim.raley@dvn.com			
Phone: 575-988-0055	Miscellaneous: Jim Raley			
Email: agiovengo@ensolum.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	Sample Temp	Remarks
1354	7/23/2025	Soil	1	PH07-0'		21								X		3.2	
1400	↓	↓	↓	PH07-2'		22								X		3.0	
1419				PH07-4'		23								X		2.6	
1450				PH08-0'		24								X		2.6	
1452				PH08-1'		25								X		2.4	
1521				BH09-0'		26								X		2.0	
1522	↓	↓	↓	BH09-1'		27								X		2.1	

EPA Program

SDWA	CWA	RCRA

Compliance: Y or N

PWSID #

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, jgonzales@ensolum.com, jmccauley@ensolum.com

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

Sampled by: Jenna Hinkle

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Jenna Hinkle	7/24/2025	7:00	Michelle Gonzales	7-24-25	0700
Michelle Gonzales	7-24-25	1600		7.24.25	1700
Andrew M.	7.24.25	2400	Earth Ma	7.25.25	745

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only

Received on ice: (Y) / N

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

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

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 7/25/2025 11:27:22AM

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:	07/25/25 07:45	Work Order ID:	E507300
Phone:	(505) 382-1211	Date Logged In:	07/24/25 15:45	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	07/31/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes

Sample Cooler

7. Was a sample cooler received?	Yes
8. If yes, was cooler received in good condition?	Yes
9. Was the sample(s) received intact, i.e., not broken?	Yes
10. Were custody/security seals present?	No
11. If yes, were custody/security seals intact?	NA
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.	

Sample Container

14. Are aqueous VOC samples present?	No
15. Are VOC samples collected in VOA Vials?	NA
16. Is the head space less than 6-8 mm (pea sized or less)?	NA
17. Was a trip blank (TB) included for VOC analyses?	NA
18. Are non-VOC samples collected in the correct containers?	Yes
19. Is the appropriate volume/weight or number of sample containers collected?	Yes

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No
22. Are sample(s) correctly preserved?	NA
24. Is lab filtration required and/or requested for dissolved metals?	No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Client Instruction

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

Date

envirotech Inc.

Report to:

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

WPX Energy - Carlsbad

Project Name:	Shepherd Dalmatian CTB
Work Order:	E509016
Job Number:	01058-0007
Received:	9/4/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/9/25

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

Date Reported: 9/9/25

Ashley Giovengo
5315 Buena Vista Dr
Carlsbad, NM 88220

Project Name: Shepherd Dalmatian CTB
Workorder: E509016
Date Received: 9/4/2025 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/4/2025 7:30:00AM, under the Project Name: Shepherd Dalmatian CTB.

The analytical test results summarized in this report with the Project Name: Shepherd Dalmatian CTB 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

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	09/09/25 16:20

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS10-0'	E509016-01A	Soil	09/02/25	09/04/25	Glass Jar, 2 oz.
SS10-1'	E509016-02A	Soil	09/02/25	09/04/25	Glass Jar, 2 oz.
SS11-0'	E509016-03A	Soil	09/02/25	09/04/25	Glass Jar, 2 oz.
SS11-1'	E509016-04A	Soil	09/02/25	09/04/25	Glass Jar, 2 oz.

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	9/9/2025 4:20:24PM

SS10-0'

E509016-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2536041
Benzene	ND	0.0250	1	09/04/25	09/04/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/04/25	
Toluene	ND	0.0250	1	09/04/25	09/04/25	
o-Xylene	ND	0.0250	1	09/04/25	09/04/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/04/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/04/25	
Surrogate: 4-Bromochlorobenzene-PID		*91.5 %*	*70-130*	*09/04/25*	*09/04/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2536041
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/04/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.0 %*	*70-130*	*09/04/25*	*09/04/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2536042
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/04/25	
Surrogate: n-Nonane		*95.0 %*	*61-141*	*09/04/25*	*09/04/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2536033
Chloride	**454**	20.0	1	09/04/25	09/04/25	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	9/9/2025 4:20:24PM

SS10-1'

E509016-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2536041
Benzene	ND	0.0250	1	09/04/25	09/04/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/04/25	
Toluene	ND	0.0250	1	09/04/25	09/04/25	
o-Xylene	ND	0.0250	1	09/04/25	09/04/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/04/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/04/25	
Surrogate: 4-Bromochlorobenzene-PID		*89.8 %*	*70-130*	*09/04/25*	*09/04/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2536041
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/04/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.7 %*	*70-130*	*09/04/25*	*09/04/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2536042
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/04/25	
Surrogate: n-Nonane		*96.2 %*	*61-141*	*09/04/25*	*09/04/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2536033
Chloride	**449**	20.0	1	09/04/25	09/04/25	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	9/9/2025 4:20:24PM

SS11-0'

E509016-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2536041
Benzene	ND	0.0250	1	09/04/25	09/04/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/04/25	
Toluene	ND	0.0250	1	09/04/25	09/04/25	
o-Xylene	ND	0.0250	1	09/04/25	09/04/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/04/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/04/25	
Surrogate: 4-Bromochlorobenzene-PID		*90.0 %*	*70-130*	*09/04/25*	*09/04/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2536041
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/04/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.1 %*	*70-130*	*09/04/25*	*09/04/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2536042
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/04/25	
Surrogate: n-Nonane		*95.3 %*	*61-141*	*09/04/25*	*09/04/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2536033
Chloride	**388**	100	5	09/04/25	09/04/25	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	9/9/2025 4:20:24PM

SS11-1'

E509016-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2536041
Benzene	ND	0.0250	1	09/04/25	09/05/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/05/25	
Toluene	ND	0.0250	1	09/04/25	09/05/25	
o-Xylene	ND	0.0250	1	09/04/25	09/05/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/05/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/05/25	
Surrogate: 4-Bromochlorobenzene-PID		*90.3 %*	*70-130*	*09/04/25*	*09/05/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2536041
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.4 %*	*70-130*	*09/04/25*	*09/05/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2536042
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/04/25	
Surrogate: n-Nonane		*95.2 %*	*61-141*	*09/04/25*	*09/04/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2536033
Chloride	**355**	200	10	09/04/25	09/04/25	

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	9/9/2025 4:20:24PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2536041-BLK1)									Prepared: 09/04/25 Analyzed: 09/05/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.47*		*8.00*		*93.4*	*70-130*			
LCS (2536041-BS1)									Prepared: 09/04/25 Analyzed: 09/04/25
Benzene	5.13	0.0250	5.00		103	70-130			
Ethylbenzene	4.97	0.0250	5.00		99.4	70-130			
Toluene	5.06	0.0250	5.00		101	70-130			
o-Xylene	5.05	0.0250	5.00		101	70-130			
p,m-Xylene	10.0	0.0500	10.0		100	70-130			
Total Xylenes	15.1	0.0250	15.0		101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.59*		*8.00*		*94.9*	*70-130*			
Matrix Spike (2536041-MS1)				**Source: E509012-01**					Prepared: 09/04/25 Analyzed: 09/04/25
Benzene	5.08	0.0250	5.00	ND	102	70-130			
Ethylbenzene	4.91	0.0250	5.00	ND	98.2	70-130			
Toluene	5.01	0.0250	5.00	ND	100	70-130			
o-Xylene	4.97	0.0250	5.00	ND	99.5	70-130			
p,m-Xylene	9.91	0.0500	10.0	ND	99.1	70-130			
Total Xylenes	14.9	0.0250	15.0	ND	99.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.48*		*8.00*		*93.5*	*70-130*			
Matrix Spike Dup (2536041-MSD1)				**Source: E509012-01**					Prepared: 09/04/25 Analyzed: 09/05/25
Benzene	5.23	0.0250	5.00	ND	105	70-130	2.91	27	
Ethylbenzene	5.05	0.0250	5.00	ND	101	70-130	2.77	26	
Toluene	5.14	0.0250	5.00	ND	103	70-130	2.63	20	
o-Xylene	5.11	0.0250	5.00	ND	102	70-130	2.67	25	
p,m-Xylene	10.2	0.0500	10.0	ND	102	70-130	2.88	23	
Total Xylenes	15.3	0.0250	15.0	ND	102	70-130	2.81	26	
Surrogate: 4-Bromochlorobenzene-PID	*7.55*		*8.00*		*94.3*	*70-130*			

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	9/9/2025 4:20:24PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2536041-BLK1)									Prepared: 09/04/25 Analyzed: 09/05/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.09*		*8.00*		*88.6*	*70-130*			
LCS (2536041-BS2)									Prepared: 09/04/25 Analyzed: 09/04/25
Gasoline Range Organics (C6-C10)	60.4	20.0	50.0		121	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.36*		*8.00*		*92.0*	*70-130*			
Matrix Spike (2536041-MS2)				**Source: E509012-01**					Prepared: 09/04/25 Analyzed: 09/04/25
Gasoline Range Organics (C6-C10)	57.3	20.0	50.0	ND	115	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.03*		*8.00*		*87.9*	*70-130*			
Matrix Spike Dup (2536041-MSD2)				**Source: E509012-01**					Prepared: 09/04/25 Analyzed: 09/04/25
Gasoline Range Organics (C6-C10)	58.3	20.0	50.0	ND	117	70-130	1.71	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.45*		*8.00*		*93.2*	*70-130*			

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	9/9/2025 4:20:24PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2536042-BLK1)									Prepared: 09/04/25 Analyzed: 09/04/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*45.7*		*50.0*		*91.4*	*61-141*			
LCS (2536042-BS1)									Prepared: 09/04/25 Analyzed: 09/04/25
Diesel Range Organics (C10-C28)	249	25.0	250		99.7	66-144			
Surrogate: n-Nonane	*47.7*		*50.0*		*95.3*	*61-141*			
Matrix Spike (2536042-MS1)				**Source: E509021-01**					Prepared: 09/04/25 Analyzed: 09/04/25
Diesel Range Organics (C10-C28)	262	25.0	250	ND	105	56-156			
Surrogate: n-Nonane	*48.6*		*50.0*		*97.1*	*61-141*			
Matrix Spike Dup (2536042-MSD1)				**Source: E509021-01**					Prepared: 09/04/25 Analyzed: 09/04/25
Diesel Range Organics (C10-C28)	257	25.0	250	ND	103	56-156	1.93	20	
Surrogate: n-Nonane	*46.8*		*50.0*		*93.5*	*61-141*			

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	9/9/2025 4:20:24PM

Anions by EPA 300.0/9056A

Analyst: AK

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2536033-BLK1)									Prepared: 09/04/25 Analyzed: 09/04/25
Chloride	ND	20.0							
LCS (2536033-BS1)									Prepared: 09/04/25 Analyzed: 09/04/25
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2536033-MS1)				**Source: E509021-03**					Prepared: 09/04/25 Analyzed: 09/04/25
Chloride	286	20.0	250	30.1	102	80-120			
Matrix Spike Dup (2536033-MSD1)				**Source: E509021-03**					Prepared: 09/04/25 Analyzed: 09/04/25
Chloride	282	20.0	250	30.1	101	80-120	1.48	20	

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

Definitions and Notes

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	09/09/25 16:20

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 6/18/2026 4:05:00 PM
Received by OCD: 6/1/2026 12:05:31 PM

envirotech
Analytical Laboratory

Chain of Custody

W/O # 21607308

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: WPX Energy Permian, LLC	Company: WPX Energy Permian, LLC	Lab WO# E509016	Job Number 01058.0007	1D 2D 3D Std: X	NM CO UT TX: X
Project: Shepherd Dalmatian CTB	Address: 5315 Buena Vista Dr			
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: (575)689-7597			
City, State, Zip: Carlsbad NM, 88220	Email: jim.raley@dvn.com			
Phone: 575-988-0055	Miscellaneous: Jim Raley			
Email: agiovengo@ensolum.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
1010	9/2/2025	S	1	SS10-0'		1									X			2.0	
1025	9/2/2025	S	1	SS10-1'		2									X			1.3	
1433	9/2/2025	S	1	SS11-0'		3									X			2.7	
1434	9/2/2025	S	1	SS11-1'		4									X			1.7	

Analysis and Method

EPA Program: SDWA | CWA | RCRA

Compliance Y or N

PWSID #

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

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

Sampled by: Higinio Gonzalez

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	9-3-25	700	Michelle Gonzales	9-3-25	0700
Michelle Gonzales	9-3-25	1300	Marissa Gonzales	9-3-25	1300
Marissa Gonzales	9-3-25	2130	Andrew Musso	9-3-25	2130
Andrew Musso	9-4-25	445	Caitlin Mason	9-4-25	730

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only
Received on ice: (Y) N

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

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 9/4/2025 10:07:42AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	WPX Energy - Carlsbad	Date Received:	09/04/25 07:30	Work Order ID:	E509016
Phone:	(539) 573-4018	Date Logged In:	09/03/25 14:33	Logged In By:	Caitlin Mars
Email:	ashley.giovengo@wesominc.com	Due Date:	09/10/25 07:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes

Sample Cooler

7. Was a sample cooler received?	Yes
8. If yes, was cooler received in good condition?	Yes
9. Was the sample(s) received intact, i.e., not broken?	Yes
10. Were custody/security seals present?	No
11. If yes, were custody/security seals intact?	NA
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.	

Sample Container

14. Are aqueous VOC samples present?	No
15. Are VOC samples collected in VOA Vials?	NA
16. Is the head space less than 6-8 mm (pea sized or less)?	NA
17. Was a trip blank (TB) included for VOC analyses?	NA
18. Are non-VOC samples collected in the correct containers?	Yes
19. Is the appropriate volume/weight or number of sample containers collected?	Yes

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No
22. Are sample(s) correctly preserved?	NA
24. Is lab filtration required and/or requested for dissolved metals?	No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Client Instruction

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

Date

envirotech Inc.

Report to:

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

WPX Energy - Carlsbad

Project Name:	Shepherd Dalmatian CTB
Work Order:	E509127
Job Number:	01058-0007
Received:	9/12/2025

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/22/25

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

Date Reported: 9/22/25

Ashley Giovengo
5315 Buena Vista Dr
Carlsbad, NM 88220

Project Name: Shepherd Dalmatian CTB
Workorder: E509127
Date Received: 9/12/2025 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/12/2025 7:30:00AM, under the Project Name: Shepherd Dalmatian CTB.

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

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

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

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

Respectfully,

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

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

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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	09/22/25 13:07

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS12-0'	E509127-01A	Soil	09/10/25	09/12/25	Glass Jar, 2 oz.
SS12-1'	E509127-02A	Soil	09/10/25	09/12/25	Glass Jar, 2 oz.
BH10-0'	E509127-03A	Soil	09/10/25	09/12/25	Glass Jar, 2 oz.
BH10-1'	E509127-04A	Soil	09/10/25	09/12/25	Glass Jar, 2 oz.
BH10-3'	E509127-05A	Soil	09/10/25	09/12/25	Glass Jar, 2 oz.
BH10-5'	E509127-06A	Soil	09/10/25	09/12/25	Glass Jar, 2 oz.
BH10-6.75'	E509127-07A	Soil	09/10/25	09/12/25	Glass Jar, 2 oz.
BH11-0'	E509127-08A	Soil	09/10/25	09/12/25	Glass Jar, 2 oz.
BH11-1'	E509127-09A	Soil	09/10/25	09/12/25	Glass Jar, 2 oz.
BH12-0'	E509127-10A	Soil	09/10/25	09/12/25	Glass Jar, 2 oz.
BH12-1'	E509127-11A	Soil	09/10/25	09/12/25	Glass Jar, 2 oz.
BH12-3'	E509127-12A	Soil	09/10/25	09/12/25	Glass Jar, 2 oz.
BH12-5'	E509127-13A	Soil	09/10/25	09/12/25	Glass Jar, 2 oz.

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	9/22/2025 1:07:19PM

SS12-0'

E509127-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2537137
Benzene	ND	0.0250	1	09/12/25	09/12/25	
Ethylbenzene	ND	0.0250	1	09/12/25	09/12/25	
Toluene	ND	0.0250	1	09/12/25	09/12/25	
o-Xylene	ND	0.0250	1	09/12/25	09/12/25	
p,m-Xylene	ND	0.0500	1	09/12/25	09/12/25	
Total Xylenes	ND	0.0250	1	09/12/25	09/12/25	
Surrogate: 4-Bromochlorobenzene-PID		*111 %*	*70-130*	*09/12/25*	*09/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2537137
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/12/25	09/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.2 %*	*70-130*	*09/12/25*	*09/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2537128
Diesel Range Organics (C10-C28)	ND	25.0	1	09/12/25	09/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/12/25	09/12/25	
Surrogate: n-Nonane		*101 %*	*61-141*	*09/12/25*	*09/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2537139
Chloride	**4860**	200	10	09/12/25	09/12/25	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	9/22/2025 1:07:19PM

SS12-1'

E509127-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2537137
Benzene	ND	0.0250	1	09/12/25	09/12/25	
Ethylbenzene	ND	0.0250	1	09/12/25	09/12/25	
Toluene	ND	0.0250	1	09/12/25	09/12/25	
o-Xylene	ND	0.0250	1	09/12/25	09/12/25	
p,m-Xylene	ND	0.0500	1	09/12/25	09/12/25	
Total Xylenes	ND	0.0250	1	09/12/25	09/12/25	
Surrogate: 4-Bromochlorobenzene-PID		*109 %*	*70-130*	*09/12/25*	*09/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2537137
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/12/25	09/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.6 %*	*70-130*	*09/12/25*	*09/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2537128
Diesel Range Organics (C10-C28)	ND	25.0	1	09/12/25	09/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/12/25	09/12/25	
Surrogate: n-Nonane		*101 %*	*61-141*	*09/12/25*	*09/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2537139
Chloride	**1430**	40.0	2	09/12/25	09/12/25	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	9/22/2025 1:07:19PM

BH10-0'

E509127-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2537137
Benzene	ND	0.0250	1	09/12/25	09/12/25	
Ethylbenzene	ND	0.0250	1	09/12/25	09/12/25	
Toluene	ND	0.0250	1	09/12/25	09/12/25	
o-Xylene	ND	0.0250	1	09/12/25	09/12/25	
p,m-Xylene	ND	0.0500	1	09/12/25	09/12/25	
Total Xylenes	ND	0.0250	1	09/12/25	09/12/25	
Surrogate: 4-Bromochlorobenzene-PID		*109 %*	*70-130*	*09/12/25*	*09/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2537137
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/12/25	09/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.1 %*	*70-130*	*09/12/25*	*09/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2537128
Diesel Range Organics (C10-C28)	ND	25.0	1	09/12/25	09/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/12/25	09/12/25	
Surrogate: n-Nonane		*100 %*	*61-141*	*09/12/25*	*09/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2537139
Chloride	**1400**	20.0	1	09/12/25	09/12/25	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	9/22/2025 1:07:19PM

BH10-1'

E509127-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2537137
Benzene	ND	0.0250	1	09/12/25	09/12/25	
Ethylbenzene	ND	0.0250	1	09/12/25	09/12/25	
Toluene	ND	0.0250	1	09/12/25	09/12/25	
o-Xylene	ND	0.0250	1	09/12/25	09/12/25	
p,m-Xylene	ND	0.0500	1	09/12/25	09/12/25	
Total Xylenes	ND	0.0250	1	09/12/25	09/12/25	
Surrogate: 4-Bromochlorobenzene-PID		*110 %*	*70-130*	*09/12/25*	*09/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2537137
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/12/25	09/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.6 %*	*70-130*	*09/12/25*	*09/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2537128
Diesel Range Organics (C10-C28)	ND	25.0	1	09/12/25	09/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/12/25	09/12/25	
Surrogate: n-Nonane		*108 %*	*61-141*	*09/12/25*	*09/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2537139
Chloride	**1870**	20.0	1	09/12/25	09/12/25	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	9/22/2025 1:07:19PM

BH10-3'

E509127-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2537137
Benzene	ND	0.0250	1	09/12/25	09/12/25	
Ethylbenzene	ND	0.0250	1	09/12/25	09/12/25	
Toluene	ND	0.0250	1	09/12/25	09/12/25	
o-Xylene	ND	0.0250	1	09/12/25	09/12/25	
p,m-Xylene	ND	0.0500	1	09/12/25	09/12/25	
Total Xylenes	ND	0.0250	1	09/12/25	09/12/25	
Surrogate: 4-Bromochlorobenzene-PID		*110 %*	*70-130*	*09/12/25*	*09/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2537137
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/12/25	09/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.4 %*	*70-130*	*09/12/25*	*09/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2537128
Diesel Range Organics (C10-C28)	ND	25.0	1	09/12/25	09/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/12/25	09/12/25	
Surrogate: n-Nonane		*103 %*	*61-141*	*09/12/25*	*09/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2537139
Chloride	**2840**	100	5	09/12/25	09/12/25	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	9/22/2025 1:07:19PM

BH10-5'

E509127-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2537137
Benzene	ND	0.0250	1	09/12/25	09/12/25	
Ethylbenzene	ND	0.0250	1	09/12/25	09/12/25	
Toluene	ND	0.0250	1	09/12/25	09/12/25	
o-Xylene	ND	0.0250	1	09/12/25	09/12/25	
p,m-Xylene	ND	0.0500	1	09/12/25	09/12/25	
Total Xylenes	ND	0.0250	1	09/12/25	09/12/25	
Surrogate: 4-Bromochlorobenzene-PID		*109 %*	*70-130*	*09/12/25*	*09/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2537137
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/12/25	09/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.3 %*	*70-130*	*09/12/25*	*09/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2537128
Diesel Range Organics (C10-C28)	ND	25.0	1	09/12/25	09/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/12/25	09/12/25	
Surrogate: n-Nonane		*102 %*	*61-141*	*09/12/25*	*09/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2537139
Chloride	**3640**	100	5	09/12/25	09/12/25	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	9/22/2025 1:07:19PM

BH10-6.75'

E509127-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2537137
Benzene	ND	0.0250	1	09/12/25	09/12/25	
Ethylbenzene	ND	0.0250	1	09/12/25	09/12/25	
Toluene	ND	0.0250	1	09/12/25	09/12/25	
o-Xylene	ND	0.0250	1	09/12/25	09/12/25	
p,m-Xylene	ND	0.0500	1	09/12/25	09/12/25	
Total Xylenes	ND	0.0250	1	09/12/25	09/12/25	
Surrogate: 4-Bromochlorobenzene-PID		*108 %*	*70-130*	*09/12/25*	*09/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2537137
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/12/25	09/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.3 %*	*70-130*	*09/12/25*	*09/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2537128
Diesel Range Organics (C10-C28)	ND	25.0	1	09/12/25	09/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/12/25	09/13/25	
Surrogate: n-Nonane		*107 %*	*61-141*	*09/12/25*	*09/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2537139
Chloride	**3240**	100	5	09/12/25	09/12/25	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	9/22/2025 1:07:19PM

BH11-0'

E509127-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2537137
Benzene	ND	0.0250	1	09/12/25	09/12/25	
Ethylbenzene	ND	0.0250	1	09/12/25	09/12/25	
Toluene	ND	0.0250	1	09/12/25	09/12/25	
o-Xylene	ND	0.0250	1	09/12/25	09/12/25	
p,m-Xylene	ND	0.0500	1	09/12/25	09/12/25	
Total Xylenes	ND	0.0250	1	09/12/25	09/12/25	
Surrogate: 4-Bromochlorobenzene-PID		*109 %*	*70-130*	*09/12/25*	*09/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2537137
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/12/25	09/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.2 %*	*70-130*	*09/12/25*	*09/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2537128
Diesel Range Organics (C10-C28)	ND	25.0	1	09/12/25	09/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/12/25	09/13/25	
Surrogate: n-Nonane		*103 %*	*61-141*	*09/12/25*	*09/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2537139
Chloride	**341**	20.0	1	09/12/25	09/12/25	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	9/22/2025 1:07:19PM

BH11-1'

E509127-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2537137
Benzene	ND	0.0250	1	09/12/25	09/12/25	
Ethylbenzene	ND	0.0250	1	09/12/25	09/12/25	
Toluene	ND	0.0250	1	09/12/25	09/12/25	
o-Xylene	ND	0.0250	1	09/12/25	09/12/25	
p,m-Xylene	ND	0.0500	1	09/12/25	09/12/25	
Total Xylenes	ND	0.0250	1	09/12/25	09/12/25	
Surrogate: 4-Bromochlorobenzene-PID		*109 %*	*70-130*	*09/12/25*	*09/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2537137
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/12/25	09/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.2 %*	*70-130*	*09/12/25*	*09/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2537128
Diesel Range Organics (C10-C28)	ND	25.0	1	09/12/25	09/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/12/25	09/13/25	
Surrogate: n-Nonane		*103 %*	*61-141*	*09/12/25*	*09/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2537139
Chloride	**290**	20.0	1	09/12/25	09/12/25	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	9/22/2025 1:07:19PM

BH12-0'

E509127-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2537137
Benzene	ND	0.0250	1	09/12/25	09/12/25	
Ethylbenzene	ND	0.0250	1	09/12/25	09/12/25	
Toluene	ND	0.0250	1	09/12/25	09/12/25	
o-Xylene	ND	0.0250	1	09/12/25	09/12/25	
p,m-Xylene	ND	0.0500	1	09/12/25	09/12/25	
Total Xylenes	ND	0.0250	1	09/12/25	09/12/25	
Surrogate: 4-Bromochlorobenzene-PID		*109 %*	*70-130*	*09/12/25*	*09/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2537137
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/12/25	09/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.0 %*	*70-130*	*09/12/25*	*09/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2537128
Diesel Range Organics (C10-C28)	ND	25.0	1	09/12/25	09/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/12/25	09/13/25	
Surrogate: n-Nonane		*103 %*	*61-141*	*09/12/25*	*09/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2537139
Chloride	**1300**	40.0	2	09/12/25	09/12/25	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	9/22/2025 1:07:19PM

BH12-1'

E509127-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2537137
Benzene	ND	0.0250	1	09/12/25	09/12/25	
Ethylbenzene	ND	0.0250	1	09/12/25	09/12/25	
Toluene	ND	0.0250	1	09/12/25	09/12/25	
o-Xylene	ND	0.0250	1	09/12/25	09/12/25	
p,m-Xylene	ND	0.0500	1	09/12/25	09/12/25	
Total Xylenes	ND	0.0250	1	09/12/25	09/12/25	
Surrogate: 4-Bromochlorobenzene-PID		*110 %*	*70-130*	*09/12/25*	*09/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2537137
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/12/25	09/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.8 %*	*70-130*	*09/12/25*	*09/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2537128
Diesel Range Organics (C10-C28)	ND	25.0	1	09/12/25	09/13/25	
Oil Range Organics (C28-C36)	**51.1**	50.0	1	09/12/25	09/13/25	
Surrogate: n-Nonane		*101 %*	*61-141*	*09/12/25*	*09/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2537139
Chloride	**1680**	40.0	2	09/12/25	09/12/25	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	9/22/2025 1:07:19PM

BH12-3'

E509127-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2537137
Benzene	ND	0.0250	1	09/12/25	09/12/25	
Ethylbenzene	ND	0.0250	1	09/12/25	09/12/25	
Toluene	ND	0.0250	1	09/12/25	09/12/25	
o-Xylene	ND	0.0250	1	09/12/25	09/12/25	
p,m-Xylene	ND	0.0500	1	09/12/25	09/12/25	
Total Xylenes	ND	0.0250	1	09/12/25	09/12/25	
Surrogate: 4-Bromochlorobenzene-PID		*111 %*	*70-130*	*09/12/25*	*09/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2537137
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/12/25	09/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.8 %*	*70-130*	*09/12/25*	*09/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2537128
Diesel Range Organics (C10-C28)	ND	25.0	1	09/12/25	09/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/12/25	09/13/25	
Surrogate: n-Nonane		*103 %*	*61-141*	*09/12/25*	*09/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2537139
Chloride	**2450**	200	10	09/12/25	09/12/25	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	9/22/2025 1:07:19PM

BH12-5'

E509127-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2537137
Benzene	ND	0.0250	1	09/12/25	09/12/25	
Ethylbenzene	ND	0.0250	1	09/12/25	09/12/25	
Toluene	ND	0.0250	1	09/12/25	09/12/25	
o-Xylene	ND	0.0250	1	09/12/25	09/12/25	
p,m-Xylene	ND	0.0500	1	09/12/25	09/12/25	
Total Xylenes	ND	0.0250	1	09/12/25	09/12/25	
Surrogate: 4-Bromochlorobenzene-PID		*111 %*	*70-130*	*09/12/25*	*09/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2537137
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/12/25	09/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.5 %*	*70-130*	*09/12/25*	*09/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2537128
Diesel Range Organics (C10-C28)	ND	25.0	1	09/12/25	09/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/12/25	09/13/25	
Surrogate: n-Nonane		*100 %*	*61-141*	*09/12/25*	*09/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2537139
Chloride	**2790**	100	5	09/12/25	09/12/25	

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	9/22/2025 1:07:19PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2537137-BLK1)									Prepared: 09/12/25 Analyzed: 09/12/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*8.85*		*8.00*		*111*	*70-130*			
LCS (2537137-BS1)									Prepared: 09/12/25 Analyzed: 09/12/25
Benzene	3.53	0.0250	5.00		70.6	70-130			
Ethylbenzene	3.67	0.0250	5.00		73.5	70-130			
Toluene	3.61	0.0250	5.00		72.2	70-130			
o-Xylene	3.80	0.0250	5.00		76.0	70-130			
p,m-Xylene	7.50	0.0500	10.0		75.0	70-130			
Total Xylenes	11.3	0.0250	15.0		75.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.76*		*8.00*		*109*	*70-130*			
Matrix Spike (2537137-MS1)				**Source: E509127-01**					Prepared: 09/12/25 Analyzed: 09/12/25
Benzene	3.97	0.0250	5.00	ND	79.4	70-130			
Ethylbenzene	4.15	0.0250	5.00	ND	83.1	70-130			
Toluene	4.07	0.0250	5.00	ND	81.4	70-130			
o-Xylene	4.25	0.0250	5.00	ND	84.9	70-130			
p,m-Xylene	8.46	0.0500	10.0	ND	84.5	70-130			
Total Xylenes	12.7	0.0250	15.0	ND	84.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.90*		*8.00*		*111*	*70-130*			
Matrix Spike Dup (2537137-MSD1)				**Source: E509127-01**					Prepared: 09/12/25 Analyzed: 09/12/25
Benzene	4.04	0.0250	5.00	ND	80.7	70-130	1.67	27	
Ethylbenzene	4.20	0.0250	5.00	ND	84.1	70-130	1.18	26	
Toluene	4.13	0.0250	5.00	ND	82.6	70-130	1.44	20	
o-Xylene	4.32	0.0250	5.00	ND	86.4	70-130	1.70	25	
p,m-Xylene	8.54	0.0500	10.0	ND	85.4	70-130	1.05	23	
Total Xylenes	12.9	0.0250	15.0	ND	85.8	70-130	1.27	26	
Surrogate: 4-Bromochlorobenzene-PID	*8.79*		*8.00*		*110*	*70-130*			

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	9/22/2025 1:07:19PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2537137-BLK1)									Prepared: 09/12/25 Analyzed: 09/12/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.33*		*8.00*		*91.6*	*70-130*			
LCS (2537137-BS2)									Prepared: 09/12/25 Analyzed: 09/12/25
Gasoline Range Organics (C6-C10)	48.7	20.0	50.0		97.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.39*		*8.00*		*92.4*	*70-130*			
Matrix Spike (2537137-MS2)				**Source: E509127-01**					Prepared: 09/12/25 Analyzed: 09/12/25
Gasoline Range Organics (C6-C10)	54.6	20.0	50.0	ND	109	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.36*		*8.00*		*92.0*	*70-130*			
Matrix Spike Dup (2537137-MSD2)				**Source: E509127-01**					Prepared: 09/12/25 Analyzed: 09/12/25
Gasoline Range Organics (C6-C10)	56.0	20.0	50.0	ND	112	70-130	2.56	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.28*		*8.00*		*91.0*	*70-130*			

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	9/22/2025 1:07:19PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2537128-BLK1)									Prepared: 09/12/25 Analyzed: 09/12/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*48.6*		*50.0*		*97.1*	*61-141*			
LCS (2537128-BS1)									Prepared: 09/12/25 Analyzed: 09/12/25
Diesel Range Organics (C10-C28)	280	25.0	250		112	66-144			
Surrogate: n-Nonane	*50.6*		*50.0*		*101*	*61-141*			
Matrix Spike (2537128-MS1)				**Source: E509127-04**					Prepared: 09/12/25 Analyzed: 09/12/25
Diesel Range Organics (C10-C28)	292	25.0	250	ND	117	56-156			
Surrogate: n-Nonane	*51.8*		*50.0*		*104*	*61-141*			
Matrix Spike Dup (2537128-MSD1)				**Source: E509127-04**					Prepared: 09/12/25 Analyzed: 09/12/25
Diesel Range Organics (C10-C28)	295	25.0	250	ND	118	56-156	1.09	20	
Surrogate: n-Nonane	*53.0*		*50.0*		*106*	*61-141*			

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	9/22/2025 1:07:19PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2537139-BLK1)									Prepared: 09/12/25 Analyzed: 09/12/25
Chloride	ND	20.0							
LCS (2537139-BS1)									Prepared: 09/12/25 Analyzed: 09/12/25
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2537139-MS1)				**Source: E509127-07**					Prepared: 09/12/25 Analyzed: 09/12/25
Chloride	3550	100	250	3240	124	80-120			M4
Matrix Spike Dup (2537139-MSD1)				**Source: E509127-07**					Prepared: 09/12/25 Analyzed: 09/12/25
Chloride	3550	100	250	3240	126	80-120	0.143	20	M4

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

Definitions and Notes

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	09/22/25 13:07

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.

Released to Imaging: 6/18/2026 4:05:00 PM
Received by OCD: 6/1/2026 12:05:31 PM

Envirotech
Analytical Laboratory

Chain of Custody

WO#: 216073O8

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: WPX Energy Permian, LLC	Company: WPX Energy Permian, LLC	Lab WO# E509127	Job Number 01058.0007	1D 2D 3D Std: X	NM: X CO UT TX
Project: Shepherd Dalmatian CTB	Address: 5315 Buena Vista Dr			
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: (575)689-7597			
City, State, Zip: Carlsbad NM, 88220	Email: jim.raley@dvn.com			
Phone: 575-988-0055	Miscellaneous: Jim Raley			
Email: agiovengo@ensolum.com				

Sample Information							Analysis and Method									EPA Program	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX	SDWA / CWA / RCRA; Compliance Y or N; PWSID #	Samle Temp / Remarks
1001	9/10/25	S	1	SS10-0'		1									X			2.8
1005	"	"	"	SS10-1'		2									"			3.1
1008	"	"	"	BH10-0'		3									"			3.0
1012	"	"	"	BH10-1'		4									"			2.8
1017	"	"	"	BH10-3'		5									"			3.6
1051	"	"	"	BH10-5'		6									"			3.4
1256	"	"	"	BH10-6'9"		7									"			2.4
1023	"	"	"	BH11-0'		8									"			2.6
1027	"	"	"	BH11-1'		9									"			2.1
1038	"	"	"	BH12-0'		10									"			3.2

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

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

Sampled by: ~~Cole Burton~~ Uriel Santillana

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	9/11/25	900	Noe Sotelo	9-11-25	1200
Noe Sotelo	9-11-25	1600	Andrew Musso	9.11.25	1730
Andrew Musso	9.11.25	2400	Caitlin Mann	9.12.25	730
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only
Received on ice: (Y) N

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

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Released to Imaging: 6/18/2026 4:05:00 PM
Received by OCD: 6/1/2026 12:05:31 PM

Envirotech
Analytical Laboratory

Chain of Custody

WO#: 216073O8

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: WPX Energy Permian, LLC	Company: WPX Energy Permian, LLC	Lab WO# E509127	1D 2D 3D Std	NM CO UT TX
Project: Shepherd Dalmatian CTB	Address: 5315 Buena Vista Dr	Job Number 01058.0007		NM: X
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: (575)689-7597			
City, State, Zip: Carlsbad NM, 88220	Email: jim.raley@dvn.com			
Phone: 575-988-0055	Miscellaneous: Jim Raley			
Email: agiovengo@ensolum.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
1048	9/10/25	S	1	BH12-1'		11									X			2.6	
1052	1	1	1	BH12-3'		12									1			2.0	
1302	1	1	1	BH12-5'		13									1			2.4	

Analysis and Method

EPA Program: SDWA | CWA | RCRA

Compliance Y or N

PWSID #

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

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

Sampled by: ~~Colt Burton~~ Uriel Santillana

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	9/11/25	900	Noe Sotelo	9-9-25	1200
Noe Sotelo	9-11-25	1600	Andrew Musso	9.11.25	1730
Andrew Musso	9.11.25	2400	Caitlin Mason	9.12.25	730
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only
Received on ice: (Y) N

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

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 9/12/2025 12:34:08PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	WPX Energy - Carlsbad	Date Received:	09/12/25 07:30	Work Order ID:	E509127
Phone:	(539) 573-4018	Date Logged In:	09/11/25 15:29	Logged In By:	Caitlin Mars
Email:	ashley.giovengo@wesominc.com	Due Date:	09/18/25 07:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes

Sample Cooler

7. Was a sample cooler received?	Yes
8. If yes, was cooler received in good condition?	Yes
9. Was the sample(s) received intact, i.e., not broken?	Yes
10. Were custody/security seals present?	No
11. If yes, were custody/security seals intact?	NA
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.	

Sample Container

14. Are aqueous VOC samples present?	No
15. Are VOC samples collected in VOA Vials?	NA
16. Is the head space less than 6-8 mm (pea sized or less)?	NA
17. Was a trip blank (TB) included for VOC analyses?	NA
18. Are non-VOC samples collected in the correct containers?	Yes
19. Is the appropriate volume/weight or number of sample containers collected?	Yes

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No
22. Are sample(s) correctly preserved?	NA
24. Is lab filtration required and/or requested for dissolved metals?	No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Client Instruction

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

Date

envirotech Inc.

Released to Imaging: 6/18/2026 4:05:00 PM
Received by OCD: 6/1/2026 12:05:31 PM

envirotech
Analytical Laboratory

Chain of Custody

WO#: 21607308

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: WPX Energy Permian, LLC	Company: WPX Energy Permian, LLC	Lab WO# E509127	1D 2D 3D Std	NM CO UT TX
Project: Shepherd Dalmatian CTB	Address: 5315 Buena Vista Dr	Job Number 01058.0007	X	X
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: (575)689-7597			
City, State, Zip: Carlsbad NM, 88220	Email: jim.raley@dvn.com			
Phone: 575-988-0055	Miscellaneous: Jim Raley			
Email: agiovengo@ensolum.com				

Analysis and Method: DRO/ORO by 8015; GRO/DRO by 8015; BTEX by 8021; VOC by 8260; Chloride 300.0; TCEQ 1005 - TX; RCRA 8 Metals; BGDOC - NM; BGDOC - TX

EPA Program: SDWA | CWA | RCRA; Compliance Y or N; PWSID #

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	BGDOC - NM	Sample Temp	Remarks
1001	9/10/25	S	1	~~SS10-0'~~ SS12-0'		1	X	2.8	Sample name changes per C. Burton 9/19/25
1005				~~SS10-1'~~ SS12-1'		2		3.1	
1008				BH10-0'		3		3.0	KAS 9/22/25
1012				BH10-1'		4		2.8	
1017				BH10-3'		5		3.6	
1051				BH10-5'		6		3.4	
1256				~~BH10-6'9"~~ BH10-6.25'		7		2.4	
1023				BH11-0'		8		2.6	
1027				BH11-1'		9		2.1	
1038				BH12-0'		10		3.2	

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

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

Sampled by: ~~Cole Burton~~ Uriel Santillana

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	9/11/25	900	Noe Soto	9-11-25	1200
Noe Soto	9-11-25	1600	Andrew Musso	9.11.25	1730
Andrew Musso	9.11.25	2400	Cath Mann	9.12.25	730

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only
Received on ice: (Y) N

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

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

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Released to Imaging: 6/18/2026 4:05:00 PM
Received by OCD: 6/1/2026 12:05:31 PM

envirotech
Analytical Laboratory

Chain of Custody

WO#: 216073O8

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: WPX Energy Permian, LLC	Company: WPX Energy Permian, LLC	Lab WO# E509127	Job Number 01058.0007	1D 2D 3D Std: X	NM: X CO UT TX
Project: Shepherd Dalmatian CTB	Address: 5315 Buena Vista Dr			
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: (575)689-7597			
City, State, Zip: Carlsbad NM, 88220	Email: jim.raley@dvn.com			
Phone: 575-988-0055	Miscellaneous: Jim Raley			
Email: agiovengo@ensolum.com				

Sample Information / **Analysis and Method** / **EPA Program**

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	Sample Temp	Remarks
1048	9/10/25	S	1	BH12-1'		11								X		2.6	Sample name changed for samples 1, 2 + 7 RAS 9/22/25
1052	"	"	"	BH12-3'		12								"		2.0	
1302	"	"	"	BH12-5'		13								"		2.4	

SDWA | CWA | RCRA

Compliance | Y | or | N

PWSID #

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

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

Sampled by: [redacted] Uriel Santillana

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	9/11/25	900	[signature]	9-11-25	1200
[signature]	9-11-25	1600	Andrew Musso	9.11.25	1730
Andrew Musso	9.11.25	2400	[signature]	9.12.25	730
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only

Received on ice: (Y) N

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

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

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

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

WPX Energy - Carlsbad

Project Name:	Shepherd Dalmatian CTB
Work Order:	E509262
Job Number:	01058-0007
Received:	9/24/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/30/25

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

Date Reported: 9/30/25

Ashley Giovengo
5315 Buena Vista Dr
Carlsbad, NM 88220

Project Name: Shepherd Dalmatian CTB
Workorder: E509262
Date Received: 9/24/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/24/2025 8:00:00AM, under the Project Name: Shepherd Dalmatian CTB.

The analytical test results summarized in this report with the Project Name: Shepherd Dalmatian CTB 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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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	09/30/25 10:45

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS13-0'	E509262-01A	Soil	09/22/25	09/24/25	Glass Jar, 2 oz.
SS13-1'	E509262-02A	Soil	09/22/25	09/24/25	Glass Jar, 2 oz.

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	9/30/2025 10:45:53AM

SS13-0'

E509262-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2539091
Benzene	ND	0.0250	1	09/24/25	09/27/25	
Ethylbenzene	ND	0.0250	1	09/24/25	09/27/25	
Toluene	ND	0.0250	1	09/24/25	09/27/25	
o-Xylene	ND	0.0250	1	09/24/25	09/27/25	
p,m-Xylene	ND	0.0500	1	09/24/25	09/27/25	
Total Xylenes	ND	0.0250	1	09/24/25	09/27/25	
Surrogate: 4-Bromochlorobenzene-PID		*92.7 %*	*70-130*	*09/24/25*	*09/27/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2539091
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/24/25	09/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*85.8 %*	*70-130*	*09/24/25*	*09/27/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2540022
Diesel Range Organics (C10-C28)	ND	25.0	1	09/25/25	09/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/25/25	09/30/25	
Surrogate: n-Nonane		*107 %*	*61-141*	*09/25/25*	*09/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2539149
Chloride	ND	20.0	1	09/26/25	09/26/25	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	9/30/2025 10:45:53AM

SS13-1'

E509262-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2539091
Benzene	ND	0.0250	1	09/24/25	09/27/25	
Ethylbenzene	ND	0.0250	1	09/24/25	09/27/25	
Toluene	ND	0.0250	1	09/24/25	09/27/25	
o-Xylene	ND	0.0250	1	09/24/25	09/27/25	
p,m-Xylene	ND	0.0500	1	09/24/25	09/27/25	
Total Xylenes	ND	0.0250	1	09/24/25	09/27/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.4 %*	*70-130*	*09/24/25*	*09/27/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2539091
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/24/25	09/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.0 %*	*70-130*	*09/24/25*	*09/27/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2540022
Diesel Range Organics (C10-C28)	ND	25.0	1	09/25/25	09/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/25/25	09/30/25	
Surrogate: n-Nonane		*108 %*	*61-141*	*09/25/25*	*09/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2539149
Chloride	ND	20.0	1	09/26/25	09/26/25	

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	9/30/2025 10:45:53AM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2539091-BLK1)									Prepared: 09/24/25 Analyzed: 09/26/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.57*		*8.00*		*94.7*	*70-130*			
LCS (2539091-BS1)									Prepared: 09/24/25 Analyzed: 09/26/25
Benzene	4.28	0.0250	5.00		85.6	70-130			
Ethylbenzene	4.12	0.0250	5.00		82.4	70-130			
Toluene	4.21	0.0250	5.00		84.2	70-130			
o-Xylene	4.21	0.0250	5.00		84.1	70-130			
p,m-Xylene	8.34	0.0500	10.0		83.4	70-130			
Total Xylenes	12.5	0.0250	15.0		83.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.67*		*8.00*		*95.9*	*70-130*			
Matrix Spike (2539091-MS1)				**Source: E509254-11**					Prepared: 09/24/25 Analyzed: 09/26/25
Benzene	5.00	0.0250	5.00	ND	100	70-130			
Ethylbenzene	4.81	0.0250	5.00	ND	96.2	70-130			
Toluene	4.92	0.0250	5.00	ND	98.4	70-130			
o-Xylene	4.89	0.0250	5.00	ND	97.8	70-130			
p,m-Xylene	9.65	0.0500	10.0	ND	96.5	70-130			
Total Xylenes	14.5	0.0250	15.0	ND	97.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.72*		*8.00*		*96.5*	*70-130*			
Matrix Spike Dup (2539091-MSD1)				**Source: E509254-11**					Prepared: 09/24/25 Analyzed: 09/29/25
Benzene	4.64	0.0250	5.00	ND	92.8	70-130	7.53	27	
Ethylbenzene	4.58	0.0250	5.00	ND	91.6	70-130	4.79	26	
Toluene	4.63	0.0250	5.00	ND	92.6	70-130	6.02	20	
o-Xylene	4.64	0.0250	5.00	ND	92.8	70-130	5.22	25	
p,m-Xylene	9.29	0.0500	10.0	ND	92.9	70-130	3.88	23	
Total Xylenes	13.9	0.0250	15.0	ND	92.8	70-130	4.33	26	
Surrogate: 4-Bromochlorobenzene-PID	*7.63*		*8.00*		*95.4*	*70-130*			

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	9/30/2025 10:45:53AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2539091-BLK1)									Prepared: 09/24/25 Analyzed: 09/26/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.97*		*8.00*		*87.1*	*70-130*			
LCS (2539091-BS2)									Prepared: 09/24/25 Analyzed: 09/26/25
Gasoline Range Organics (C6-C10)	45.3	20.0	50.0		90.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.06*		*8.00*		*88.2*	*70-130*			
Matrix Spike (2539091-MS2)				**Source: E509254-11**					Prepared: 09/24/25 Analyzed: 09/26/25
Gasoline Range Organics (C6-C10)	41.0	20.0	50.0	ND	82.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.22*		*8.00*		*90.2*	*70-130*			
Matrix Spike Dup (2539091-MSD2)				**Source: E509254-11**					Prepared: 09/24/25 Analyzed: 09/26/25
Gasoline Range Organics (C6-C10)	39.8	20.0	50.0	ND	79.7	70-130	2.94	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.87*		*8.00*		*85.8*	*70-130*			

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	9/30/2025 10:45:53AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2540022-BLK1)									Prepared: 09/29/25 Analyzed: 09/29/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*47.6*		*50.0*		*95.2*	*61-141*			
LCS (2540022-BS1)									Prepared: 09/29/25 Analyzed: 09/29/25
Diesel Range Organics (C10-C28)	251	25.0	250		101	66-144			
Surrogate: n-Nonane	*48.8*		*50.0*		*97.5*	*61-141*			
Matrix Spike (2540022-MS1)				**Source: E509254-12RE1**					Prepared: 09/29/25 Analyzed: 09/29/25
Diesel Range Organics (C10-C28)	252	25.0	250	ND	101	56-156			
Surrogate: n-Nonane	*48.9*		*50.0*		*97.9*	*61-141*			
Matrix Spike Dup (2540022-MSD1)				**Source: E509254-12RE1**					Prepared: 09/29/25 Analyzed: 09/29/25
Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	56-156	2.36	20	
Surrogate: n-Nonane	*49.9*		*50.0*		*99.8*	*61-141*			

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	9/30/2025 10:45:53AM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2539149-BLK1)									Prepared: 09/26/25 Analyzed: 09/26/25
Chloride	ND	20.0							
LCS (2539149-BS1)									Prepared: 09/26/25 Analyzed: 09/26/25
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2539149-MS1)				**Source: E509287-01**					Prepared: 09/26/25 Analyzed: 09/26/25
Chloride	332	20.0	250	68.9	105	80-120			
Matrix Spike Dup (2539149-MSD1)				**Source: E509287-01**					Prepared: 09/26/25 Analyzed: 09/26/25
Chloride	335	20.0	250	68.9	106	80-120	0.886	20	

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

Definitions and Notes

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	09/30/25 10:45

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 6/18/2026 4:05:00 PM
Received by OCD: 6/1/2026 12:05:31 PM

envirotech Analytical Lab

WO # 21607308

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: WPX Energy Permian, LLC	Company: WPX Energy Permian, LLC	Lab WO# E5092602	Job Number 01058:0007	1D 2D 3D Std: x	NM CO UT TX: x
Project: Shepherd Dalmatian CTB	Address: 5315 Buena Vista Dr			
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: (575)689-7597			
City, State, Zip: Carlsbad NM, 88220	Email: jim.raley@dvn.com			
Phone: 575-988-0055	Miscellaneous: Jim Raley			
Email: agiovengo@ensolum.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
11:17	9/22/2025	Soil	1	SS13 - 0'		1									x			3.1	
11:19	9/22/2025	Soil	1	SS13 - 1'		2									x			3.3	

Analysis and Method

EPA Program

SDWA	CWA	RCRA

Compliance Y or N

PWSID #

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

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

Sampled by: Israel Estrella

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	9/23/25	7:11	Michelle Gonzales	9.23.25	0711
Michelle Gonzales	9.23.25	1445	Marissa Gonzales	9-23-25	1445
Marissa Gonzales	9-23-25	1835		9/23/25	1835
	9/23/25	2212		9.24.25	800

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only

Received on ice: (Y) N

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

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

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 9/24/2025 10:38:27AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	WPX Energy - Carlsbad	Date Received:	09/24/25 08:00	Work Order ID:	E509262
Phone:	(539) 573-4018	Date Logged In:	09/23/25 16:17	Logged In By:	Caitlin Mars
Email:	ashley.giovengo@wesominc.com	Due Date:	09/30/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes

Sample Cooler

7. Was a sample cooler received?	Yes
8. If yes, was cooler received in good condition?	Yes
9. Was the sample(s) received intact, i.e., not broken?	Yes
10. Were custody/security seals present?	No
11. If yes, were custody/security seals intact?	NA
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.	

Sample Container

14. Are aqueous VOC samples present?	No
15. Are VOC samples collected in VOA Vials?	NA
16. Is the head space less than 6-8 mm (pea sized or less)?	NA
17. Was a trip blank (TB) included for VOC analyses?	NA
18. Are non-VOC samples collected in the correct containers?	Yes
19. Is the appropriate volume/weight or number of sample containers collected?	Yes

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No
22. Are sample(s) correctly preserved?	NA
24. Is lab filtration required and/or requested for dissolved metals?	No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Client Instruction

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

Date

envirotech Inc.

Report to:

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

WPX Energy - Carlsbad

Project Name:	Shepherd Dalmatian CTB
Work Order:	E509263
Job Number:	01058-0007
Received:	9/24/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/1/25

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

Date Reported: 10/1/25

Ashley Giovengo
5315 Buena Vista Dr
Carlsbad, NM 88220

Project Name: Shepherd Dalmatian CTB
Workorder: E509263
Date Received: 9/24/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/24/2025 8:00:00AM, under the Project Name: Shepherd Dalmatian CTB.

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

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

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

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

Respectfully,

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

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

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Client Representative
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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	10/01/25 13:17

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS14-0'	E509263-01A	Soil	09/22/25	09/24/25	Glass Jar, 2 oz.
SS14-1'	E509263-02A	Soil	09/22/25	09/24/25	Glass Jar, 2 oz.

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	10/1/2025 1:17:59PM

SS14-0'

E509263-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2539092
Benzene	ND	0.0250	1	09/24/25	09/30/25	
Ethylbenzene	ND	0.0250	1	09/24/25	09/30/25	
Toluene	ND	0.0250	1	09/24/25	09/30/25	
o-Xylene	ND	0.0250	1	09/24/25	09/30/25	
p,m-Xylene	ND	0.0500	1	09/24/25	09/30/25	
Total Xylenes	ND	0.0250	1	09/24/25	09/30/25	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*09/24/25*	*09/30/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2539092
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/24/25	09/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.0 %*	*70-130*	*09/24/25*	*09/30/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2540022
Diesel Range Organics (C10-C28)	ND	25.0	1	09/25/25	09/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/25/25	09/30/25	
Surrogate: n-Nonane		*103 %*	*61-141*	*09/25/25*	*09/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2539149
Chloride	**1130**	20.0	1	09/26/25	09/26/25	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	10/1/2025 1:17:59PM

SS14-1'

E509263-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2539092
Benzene	ND	0.0250	1	09/24/25	09/30/25	
Ethylbenzene	ND	0.0250	1	09/24/25	09/30/25	
Toluene	ND	0.0250	1	09/24/25	09/30/25	
o-Xylene	ND	0.0250	1	09/24/25	09/30/25	
p,m-Xylene	ND	0.0500	1	09/24/25	09/30/25	
Total Xylenes	ND	0.0250	1	09/24/25	09/30/25	
Surrogate: 4-Bromochlorobenzene-PID		*108 %*	*70-130*	*09/24/25*	*09/30/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2539092
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/24/25	09/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*102 %*	*70-130*	*09/24/25*	*09/30/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2540022
Diesel Range Organics (C10-C28)	ND	25.0	1	09/25/25	09/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/25/25	09/30/25	
Surrogate: n-Nonane		*102 %*	*61-141*	*09/25/25*	*09/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2539149
Chloride	**654**	20.0	1	09/26/25	09/26/25	

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	10/1/2025 1:17:59PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2539092-BLK1)									Prepared: 09/24/25 Analyzed: 09/30/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.78*		*8.00*		*97.3*	*70-130*			
LCS (2539092-BS1)									Prepared: 09/24/25 Analyzed: 09/30/25
Benzene	5.50	0.0250	5.00		110	70-130			
Ethylbenzene	5.49	0.0250	5.00		110	70-130			
Toluene	5.49	0.0250	5.00		110	70-130			
o-Xylene	5.43	0.0250	5.00		109	70-130			
p,m-Xylene	11.1	0.0500	10.0		111	70-130			
Total Xylenes	16.5	0.0250	15.0		110	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.98*		*8.00*		*99.7*	*70-130*			
Matrix Spike (2539092-MS1)				**Source: E509265-03**					Prepared: 09/24/25 Analyzed: 09/30/25
Benzene	5.49	0.0250	5.00	ND	110	70-130			
Ethylbenzene	5.46	0.0250	5.00	ND	109	70-130			
Toluene	5.47	0.0250	5.00	ND	109	70-130			
o-Xylene	5.42	0.0250	5.00	ND	108	70-130			
p,m-Xylene	11.0	0.0500	10.0	ND	110	70-130			
Total Xylenes	16.4	0.0250	15.0	ND	110	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.95*		*8.00*		*99.4*	*70-130*			
Matrix Spike Dup (2539092-MSD1)				**Source: E509265-03**					Prepared: 09/24/25 Analyzed: 09/30/25
Benzene	5.54	0.0250	5.00	ND	111	70-130	0.982	27	
Ethylbenzene	5.53	0.0250	5.00	ND	111	70-130	1.20	26	
Toluene	5.52	0.0250	5.00	ND	110	70-130	0.971	20	
o-Xylene	5.48	0.0250	5.00	ND	110	70-130	1.12	25	
p,m-Xylene	11.2	0.0500	10.0	ND	112	70-130	1.40	23	
Total Xylenes	16.7	0.0250	15.0	ND	111	70-130	1.31	26	
Surrogate: 4-Bromochlorobenzene-PID	*8.10*		*8.00*		*101*	*70-130*			

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	10/1/2025 1:17:59PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2539092-BLK1)									Prepared: 09/24/25 Analyzed: 09/30/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.99*		*8.00*		*87.3*	*70-130*			
LCS (2539092-BS2)									Prepared: 09/24/25 Analyzed: 09/30/25
Gasoline Range Organics (C6-C10)	57.4	20.0	50.0		115	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.07*		*8.00*		*88.4*	*70-130*			
Matrix Spike (2539092-MS2)				**Source: E509265-03**					Prepared: 09/24/25 Analyzed: 09/30/25
Gasoline Range Organics (C6-C10)	57.8	20.0	50.0	ND	116	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.06*		*8.00*		*88.3*	*70-130*			
Matrix Spike Dup (2539092-MSD2)				**Source: E509265-03**					Prepared: 09/24/25 Analyzed: 09/30/25
Gasoline Range Organics (C6-C10)	56.7	20.0	50.0	ND	113	70-130	1.92	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.01*		*8.00*		*87.6*	*70-130*			

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	10/1/2025 1:17:59PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2540022-BLK1)									Prepared: 09/29/25 Analyzed: 09/29/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*47.6*		*50.0*		*95.2*	*61-141*			
LCS (2540022-BS1)									Prepared: 09/29/25 Analyzed: 09/29/25
Diesel Range Organics (C10-C28)	251	25.0	250		101	66-144			
Surrogate: n-Nonane	*48.8*		*50.0*		*97.5*	*61-141*			
Matrix Spike (2540022-MS1)				**Source: E509254-12RE1**					Prepared: 09/29/25 Analyzed: 09/29/25
Diesel Range Organics (C10-C28)	252	25.0	250	ND	101	56-156			
Surrogate: n-Nonane	*48.9*		*50.0*		*97.9*	*61-141*			
Matrix Spike Dup (2540022-MSD1)				**Source: E509254-12RE1**					Prepared: 09/29/25 Analyzed: 09/29/25
Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	56-156	2.36	20	
Surrogate: n-Nonane	*49.9*		*50.0*		*99.8*	*61-141*			

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	10/1/2025 1:17:59PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2539149-BLK1)									Prepared: 09/26/25 Analyzed: 09/26/25
Chloride	ND	20.0							
LCS (2539149-BS1)									Prepared: 09/26/25 Analyzed: 09/26/25
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2539149-MS1)				**Source: E509287-01**					Prepared: 09/26/25 Analyzed: 09/26/25
Chloride	332	20.0	250	68.9	105	80-120			
Matrix Spike Dup (2539149-MSD1)				**Source: E509287-01**					Prepared: 09/26/25 Analyzed: 09/26/25
Chloride	335	20.0	250	68.9	106	80-120	0.886	20	

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

Definitions and Notes

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	10/01/25 13:17

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 6/18/2026 4:05:00 PM
Received by OCD: 6/1/2026 12:05:31 PM

envirotech Analytical Lab

WO# 2140730S

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: WPX Energy Permian, LLC	Company: WPX Energy Permian, LLC	Lab WO# E509263	1D 2D 3D Std	NM CO UT TX
Project: Shepherd Dalmatian CTB	Address: 5315 Buena Vista Dr	Job Number 01058.0007	x	x
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: (575)689-7597			
City, State, Zip: Carlsbad NM, 88220	Email: jim.raley@dvn.com			
Phone: 575-988-0055	Miscellaneous: Jim Raley			
Email: agiovengo@ensolum.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Samle Temp	Remarks
10:36	9/22/2025	Soil	1	SS14 - 0'		1									x			2.6	
10:37	9/22/2025	Soil	1	SS14 - 1'		2									x			22	

Analysis and Method

EPA Program

SDWA	CWA	RCRA

Compliance Y or N

PWSID #

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

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

Sampled by: Israel Estrella

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	9/23/25	7:11	Michelle Gonzales	9-23-25	0711
Michelle Gonzales	9-23-25	1445	Marissa Gonzales	9-23-25	1445
Marissa Gonzales	9-23-25	1835	[signature]	9/23/25	1835
[signature]	9/23/25	2212	Cartha Mar	9.24.25	800
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only

Received on ice: Y / N

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

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

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 9/24/2025 10:41:17AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	WPX Energy - Carlsbad	Date Received:	09/24/25 08:00	Work Order ID:	E509263
Phone:	(539) 573-4018	Date Logged In:	09/23/25 16:19	Logged In By:	Caitlin Mars
Email:	ashley.giovengo@wesominc.com	Due Date:	09/30/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes

Sample Cooler

7. Was a sample cooler received?	Yes
8. If yes, was cooler received in good condition?	Yes
9. Was the sample(s) received intact, i.e., not broken?	Yes
10. Were custody/security seals present?	No
11. If yes, were custody/security seals intact?	NA
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.	

Sample Container

14. Are aqueous VOC samples present?	No
15. Are VOC samples collected in VOA Vials?	NA
16. Is the head space less than 6-8 mm (pea sized or less)?	NA
17. Was a trip blank (TB) included for VOC analyses?	NA
18. Are non-VOC samples collected in the correct containers?	Yes
19. Is the appropriate volume/weight or number of sample containers collected?	Yes

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No
22. Are sample(s) correctly preserved?	NA
24. Is lab filtration required and/or requested for dissolved metals?	No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Client Instruction

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

Date

envirotech Inc.

Report to:

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

WPX Energy - Carlsbad

Project Name:	Shepherd Dalmatian CTB
Work Order:	E509264
Job Number:	01058-0007
Received:	9/24/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/1/25

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

Date Reported: 10/1/25

Ashley Giovengo
5315 Buena Vista Dr
Carlsbad, NM 88220

Project Name: Shepherd Dalmatian CTB
Workorder: E509264
Date Received: 9/24/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/24/2025 8:00:00AM, under the Project Name: Shepherd Dalmatian CTB.

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

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

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

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

Respectfully,

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

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

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Client Representative
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Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	10/01/25 13:19

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS14A-0'	E509264-01A	Soil	09/22/25	09/24/25	Glass Jar, 2 oz.
SS14A-1'	E509264-02A	Soil	09/22/25	09/24/25	Glass Jar, 2 oz.

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	10/1/2025 1:19:56PM

SS14A-0'

E509264-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2539092
Benzene	ND	0.0250	1	09/24/25	09/30/25	
Ethylbenzene	ND	0.0250	1	09/24/25	09/30/25	
Toluene	ND	0.0250	1	09/24/25	09/30/25	
o-Xylene	ND	0.0250	1	09/24/25	09/30/25	
p,m-Xylene	ND	0.0500	1	09/24/25	09/30/25	
Total Xylenes	ND	0.0250	1	09/24/25	09/30/25	
Surrogate: 4-Bromochlorobenzene-PID		*106 %*	*70-130*	*09/24/25*	*09/30/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2539092
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/24/25	09/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*	*70-130*	*09/24/25*	*09/30/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2539146
Diesel Range Organics (C10-C28)	ND	25.0	1	09/26/25	09/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/26/25	09/26/25	
Surrogate: n-Nonane		*94.4 %*	*61-141*	*09/26/25*	*09/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2539149
Chloride	**170**	40.0	2	09/26/25	09/26/25	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	10/1/2025 1:19:56PM

SS14A-1'

E509264-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2539092
Benzene	ND	0.0250	1	09/24/25	09/30/25	
Ethylbenzene	ND	0.0250	1	09/24/25	09/30/25	
Toluene	ND	0.0250	1	09/24/25	09/30/25	
o-Xylene	ND	0.0250	1	09/24/25	09/30/25	
p,m-Xylene	ND	0.0500	1	09/24/25	09/30/25	
Total Xylenes	ND	0.0250	1	09/24/25	09/30/25	
Surrogate: 4-Bromochlorobenzene-PID		*107 %*	*70-130*	*09/24/25*	*09/30/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2539092
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/24/25	09/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*103 %*	*70-130*	*09/24/25*	*09/30/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2539146
Diesel Range Organics (C10-C28)	ND	25.0	1	09/26/25	09/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/26/25	09/26/25	
Surrogate: n-Nonane		*92.3 %*	*61-141*	*09/26/25*	*09/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2539149
Chloride	**367**	20.0	1	09/26/25	09/26/25	

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	10/1/2025 1:19:56PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2539092-BLK1)									Prepared: 09/24/25 Analyzed: 09/30/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.78*		*8.00*		*97.3*	*70-130*			
LCS (2539092-BS1)									Prepared: 09/24/25 Analyzed: 09/30/25
Benzene	5.50	0.0250	5.00		110	70-130			
Ethylbenzene	5.49	0.0250	5.00		110	70-130			
Toluene	5.49	0.0250	5.00		110	70-130			
o-Xylene	5.43	0.0250	5.00		109	70-130			
p,m-Xylene	11.1	0.0500	10.0		111	70-130			
Total Xylenes	16.5	0.0250	15.0		110	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.98*		*8.00*		*99.7*	*70-130*			
Matrix Spike (2539092-MS1)				**Source: E509265-03**					Prepared: 09/24/25 Analyzed: 09/30/25
Benzene	5.49	0.0250	5.00	ND	110	70-130			
Ethylbenzene	5.46	0.0250	5.00	ND	109	70-130			
Toluene	5.47	0.0250	5.00	ND	109	70-130			
o-Xylene	5.42	0.0250	5.00	ND	108	70-130			
p,m-Xylene	11.0	0.0500	10.0	ND	110	70-130			
Total Xylenes	16.4	0.0250	15.0	ND	110	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.95*		*8.00*		*99.4*	*70-130*			
Matrix Spike Dup (2539092-MSD1)				**Source: E509265-03**					Prepared: 09/24/25 Analyzed: 09/30/25
Benzene	5.54	0.0250	5.00	ND	111	70-130	0.982	27	
Ethylbenzene	5.53	0.0250	5.00	ND	111	70-130	1.20	26	
Toluene	5.52	0.0250	5.00	ND	110	70-130	0.971	20	
o-Xylene	5.48	0.0250	5.00	ND	110	70-130	1.12	25	
p,m-Xylene	11.2	0.0500	10.0	ND	112	70-130	1.40	23	
Total Xylenes	16.7	0.0250	15.0	ND	111	70-130	1.31	26	
Surrogate: 4-Bromochlorobenzene-PID	*8.10*		*8.00*		*101*	*70-130*			

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	10/1/2025 1:19:56PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2539092-BLK1)									Prepared: 09/24/25 Analyzed: 09/30/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.99*		*8.00*		*87.3*	*70-130*			
LCS (2539092-BS2)									Prepared: 09/24/25 Analyzed: 09/30/25
Gasoline Range Organics (C6-C10)	57.4	20.0	50.0		115	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.07*		*8.00*		*88.4*	*70-130*			
Matrix Spike (2539092-MS2)				**Source: E509265-03**					Prepared: 09/24/25 Analyzed: 09/30/25
Gasoline Range Organics (C6-C10)	57.8	20.0	50.0	ND	116	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.06*		*8.00*		*88.3*	*70-130*			
Matrix Spike Dup (2539092-MSD2)				**Source: E509265-03**					Prepared: 09/24/25 Analyzed: 09/30/25
Gasoline Range Organics (C6-C10)	56.7	20.0	50.0	ND	113	70-130	1.92	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.01*		*8.00*		*87.6*	*70-130*			

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	10/1/2025 1:19:56PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2539146-BLK1)									Prepared: 09/26/25 Analyzed: 09/26/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*46.1*		*50.0*		*92.2*	*61-141*			
LCS (2539146-BS1)									Prepared: 09/26/25 Analyzed: 09/26/25
Diesel Range Organics (C10-C28)	246	25.0	250		98.4	66-144			
Surrogate: n-Nonane	*45.3*		*50.0*		*90.6*	*61-141*			
Matrix Spike (2539146-MS1)				**Source: E509266-04**					Prepared: 09/26/25 Analyzed: 09/26/25
Diesel Range Organics (C10-C28)	259	25.0	250	ND	103	56-156			
Surrogate: n-Nonane	*47.7*		*50.0*		*95.4*	*61-141*			
Matrix Spike Dup (2539146-MSD1)				**Source: E509266-04**					Prepared: 09/26/25 Analyzed: 09/26/25
Diesel Range Organics (C10-C28)	255	25.0	250	ND	102	56-156	1.47	20	
Surrogate: n-Nonane	*46.9*		*50.0*		*93.9*	*61-141*			

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	10/1/2025 1:19:56PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2539149-BLK1)									Prepared: 09/26/25 Analyzed: 09/26/25
Chloride	ND	20.0							
LCS (2539149-BS1)									Prepared: 09/26/25 Analyzed: 09/26/25
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2539149-MS1)				**Source: E509287-01**					Prepared: 09/26/25 Analyzed: 09/26/25
Chloride	332	20.0	250	68.9	105	80-120			
Matrix Spike Dup (2539149-MSD1)				**Source: E509287-01**					Prepared: 09/26/25 Analyzed: 09/26/25
Chloride	335	20.0	250	68.9	106	80-120	0.886	20	

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

Definitions and Notes

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	10/01/25 13:19

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 6/18/2026 4:05:00 PM
Received by OCD: 6/1/2026 12:05:31 PM

envirotech Analytical Lab

WO# 21607308

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: WPX Energy Permian, LLC	Company: WPX Energy Permian, LLC	Lab WO# E509264	1D 2D 3D Std	NM CO UT TX
Project: Shepherd Dalmatian CTB	Address: 5315 Buena Vista Dr	Job Number 01058-0057	x	x
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: (575)689-7597			
City, State, Zip: Carlsbad NM, 88220	Email: jim.raley@dvn.com			
Phone: 575-988-0055	Miscellaneous: Jim Raley			
Email: agiovengo@ensolum.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Samle Temp	Remarks
11:21	9/22/2025	Soil	1	SS14A - 0'		1									x			2.0	
11:22	9/22/2025	Soil	1	SS14A - 1'		2									x			2.4	

Analysis and Method

EPA Program: SDWA | CWA | RCRA

Compliance Y or N

PWSID #

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

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

Sampled by: Israel Estrella

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	9/23/25	7:11	Michelle Gonzales	9.23.25	0711
Michelle Gonzales	9.23.25	1445	Marissa Gonzales	9-23-25	1445
Marissa Gonzales	9.23-25	1835		9/23/25	1835
	9/23/25	2212	Cathe Mar	9.24.25	800
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only

Received on ice: O / N

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

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

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 9/24/2025 10:42:35AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	WPX Energy - Carlsbad	Date Received:	09/24/25 08:00	Work Order ID:	E509264
Phone:	(539) 573-4018	Date Logged In:	09/23/25 16:20	Logged In By:	Caitlin Mars
Email:	ashley.giovengo@wesominc.com	Due Date:	09/30/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes

Sample Cooler

7. Was a sample cooler received?	Yes
8. If yes, was cooler received in good condition?	Yes
9. Was the sample(s) received intact, i.e., not broken?	Yes
10. Were custody/security seals present?	No
11. If yes, were custody/security seals intact?	NA
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.	

Sample Container

14. Are aqueous VOC samples present?	No
15. Are VOC samples collected in VOA Vials?	NA
16. Is the head space less than 6-8 mm (pea sized or less)?	NA
17. Was a trip blank (TB) included for VOC analyses?	NA
18. Are non-VOC samples collected in the correct containers?	Yes
19. Is the appropriate volume/weight or number of sample containers collected?	Yes

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No
22. Are sample(s) correctly preserved?	NA
24. Is lab filtration required and/or requested for dissolved metals?	No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Client Instruction

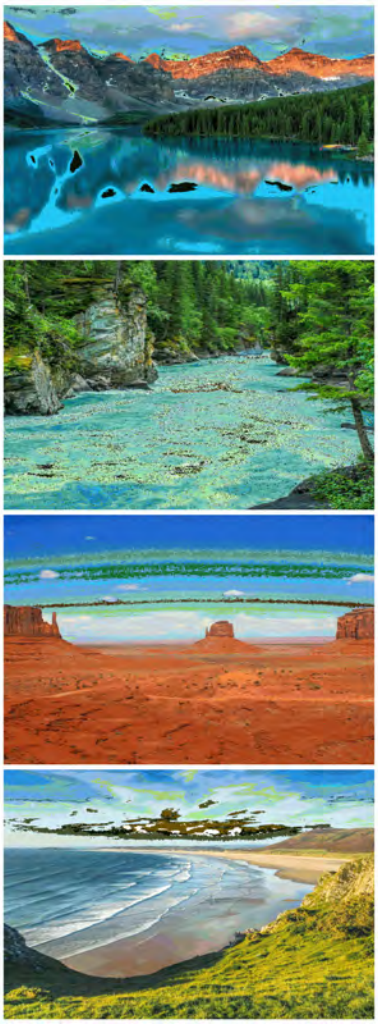
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

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:	Shepherd Dalmation CTB
Work Order:	E602322
Job Number:	01058-0007
Received:	2/27/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/4/26

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: 3/4/26

Ashley Giovengo
333 W Sheridan Avenue
Oklahoma City, OK 73102-5010

Project Name: Shepherd Dalmation CTB
Workorder: E602322
Date Received: 2/27/2026 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/27/2026 7:30:00AM, under the Project Name: Shepherd Dalmation CTB.

The analytical test results summarized in this report with the Project Name: Shepherd Dalmation CTB 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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Laboratory Administrator
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Client Representative
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	**Reported:**
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	03/04/26 17:11

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS15-0	E602322-01A	Soil	02/25/26	02/27/26	Glass Jar, 2 oz.
SS15-1	E602322-02A	Soil	02/25/26	02/27/26	Glass Jar, 2 oz.
SS16-0	E602322-03A	Soil	02/25/26	02/27/26	Glass Jar, 2 oz.
SS16-1	E602322-04A	Soil	02/25/26	02/27/26	Glass Jar, 2 oz.
SS17-0	E602322-05A	Soil	02/25/26	02/27/26	Glass Jar, 2 oz.
SS17-1	E602322-06A	Soil	02/25/26	02/27/26	Glass Jar, 2 oz.
SS18-0	E602322-07A	Soil	02/25/26	02/27/26	Glass Jar, 2 oz.
SS18-1	E602322-08A	Soil	02/25/26	02/27/26	Glass Jar, 2 oz.
SS19-0	E602322-09A	Soil	02/25/26	02/27/26	Glass Jar, 2 oz.
SS19-1	E602322-10A	Soil	02/25/26	02/27/26	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
333 W Sheridan Avenue	Project Number:	01058-0007	**Reported:**
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	3/4/2026 5:11:42PM

SS15-0

E602322-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2609138
Benzene	ND	0.0250	1	02/27/26	02/27/26	
Ethylbenzene	ND	0.0250	1	02/27/26	02/27/26	
Toluene	ND	0.0250	1	02/27/26	02/27/26	
o-Xylene	ND	0.0250	1	02/27/26	02/27/26	
p,m-Xylene	ND	0.0500	1	02/27/26	02/27/26	
Total Xylenes	ND	0.0250	1	02/27/26	02/27/26	
Surrogate: 4-Bromochlorobenzene-PID		*110 %*	*70-130*	*02/27/26*	*02/27/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2609138
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/26	02/27/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.4 %*	*70-130*	*02/27/26*	*02/27/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2609139
Diesel Range Organics (C10-C28)	ND	25.0	1	02/27/26	02/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/26	02/27/26	
Surrogate: n-Nonane		*94.7 %*	*61-141*	*02/27/26*	*02/27/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2609145
Chloride	**202**	20.0	1	02/27/26	02/28/26	

Sample Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
333 W Sheridan Avenue	Project Number:	01058-0007	**Reported:**
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	3/4/2026 5:11:42PM

SS15-1

E602322-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2609138
Benzene	ND	0.0250	1	02/27/26	02/27/26	
Ethylbenzene	ND	0.0250	1	02/27/26	02/27/26	
Toluene	ND	0.0250	1	02/27/26	02/27/26	
o-Xylene	ND	0.0250	1	02/27/26	02/27/26	
p,m-Xylene	ND	0.0500	1	02/27/26	02/27/26	
Total Xylenes	ND	0.0250	1	02/27/26	02/27/26	
Surrogate: 4-Bromochlorobenzene-PID		*110 %*	*70-130*	*02/27/26*	*02/27/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2609138
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/26	02/27/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.9 %*	*70-130*	*02/27/26*	*02/27/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2609139
Diesel Range Organics (C10-C28)	ND	25.0	1	02/27/26	02/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/26	02/27/26	
Surrogate: n-Nonane		*93.2 %*	*61-141*	*02/27/26*	*02/27/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2609145
Chloride	**152**	20.0	1	02/27/26	02/28/26	

Sample Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
333 W Sheridan Avenue	Project Number:	01058-0007	**Reported:**
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	3/4/2026 5:11:42PM

SS16-0

E602322-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2609138
Benzene	ND	0.0250	1	02/27/26	02/27/26	
Ethylbenzene	ND	0.0250	1	02/27/26	02/27/26	
Toluene	ND	0.0250	1	02/27/26	02/27/26	
o-Xylene	ND	0.0250	1	02/27/26	02/27/26	
p,m-Xylene	ND	0.0500	1	02/27/26	02/27/26	
Total Xylenes	ND	0.0250	1	02/27/26	02/27/26	
Surrogate: 4-Bromochlorobenzene-PID		*110 %*	*70-130*	*02/27/26*	*02/27/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2609138
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/26	02/27/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.1 %*	*70-130*	*02/27/26*	*02/27/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2609139
Diesel Range Organics (C10-C28)	ND	25.0	1	02/27/26	02/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/26	02/27/26	
Surrogate: n-Nonane		*107 %*	*61-141*	*02/27/26*	*02/27/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2609145
Chloride	ND	20.0	1	02/27/26	02/28/26	

Sample Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
333 W Sheridan Avenue	Project Number:	01058-0007	**Reported:**
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	3/4/2026 5:11:42PM

SS16-1

E602322-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2609138
Benzene	ND	0.0250	1	02/27/26	02/27/26	
Ethylbenzene	ND	0.0250	1	02/27/26	02/27/26	
Toluene	ND	0.0250	1	02/27/26	02/27/26	
o-Xylene	ND	0.0250	1	02/27/26	02/27/26	
p,m-Xylene	ND	0.0500	1	02/27/26	02/27/26	
Total Xylenes	ND	0.0250	1	02/27/26	02/27/26	
Surrogate: 4-Bromochlorobenzene-PID		*109 %*	*70-130*	*02/27/26*	*02/27/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2609138
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/26	02/27/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.1 %*	*70-130*	*02/27/26*	*02/27/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2609139
Diesel Range Organics (C10-C28)	ND	25.0	1	02/27/26	02/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/26	02/27/26	
Surrogate: n-Nonane		*106 %*	*61-141*	*02/27/26*	*02/27/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2609145
Chloride	**23.9**	20.0	1	02/27/26	02/28/26	

Sample Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
333 W Sheridan Avenue	Project Number:	01058-0007	**Reported:**
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	3/4/2026 5:11:42PM

SS17-0

E602322-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2609138
Benzene	ND	0.0250	1	02/27/26	02/27/26	
Ethylbenzene	ND	0.0250	1	02/27/26	02/27/26	
Toluene	ND	0.0250	1	02/27/26	02/27/26	
o-Xylene	ND	0.0250	1	02/27/26	02/27/26	
p,m-Xylene	ND	0.0500	1	02/27/26	02/27/26	
Total Xylenes	ND	0.0250	1	02/27/26	02/27/26	
Surrogate: 4-Bromochlorobenzene-PID		*110 %*	*70-130*	*02/27/26*	*02/27/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2609138
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/26	02/27/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.1 %*	*70-130*	*02/27/26*	*02/27/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2609139
Diesel Range Organics (C10-C28)	ND	25.0	1	02/27/26	02/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/26	02/27/26	
Surrogate: n-Nonane		*89.6 %*	*61-141*	*02/27/26*	*02/27/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2609145
Chloride	ND	20.0	1	02/27/26	02/28/26	

Sample Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
333 W Sheridan Avenue	Project Number:	01058-0007	**Reported:**
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	3/4/2026 5:11:42PM

SS17-1

E602322-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2609138
Benzene	ND	0.0250	1	02/27/26	02/27/26	
Ethylbenzene	ND	0.0250	1	02/27/26	02/27/26	
Toluene	ND	0.0250	1	02/27/26	02/27/26	
o-Xylene	ND	0.0250	1	02/27/26	02/27/26	
p,m-Xylene	ND	0.0500	1	02/27/26	02/27/26	
Total Xylenes	ND	0.0250	1	02/27/26	02/27/26	
Surrogate: 4-Bromochlorobenzene-PID		*109 %*	*70-130*	*02/27/26*	*02/27/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2609138
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/26	02/27/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*98.1 %*	*70-130*	*02/27/26*	*02/27/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2609139
Diesel Range Organics (C10-C28)	ND	25.0	1	02/27/26	02/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/26	02/28/26	
Surrogate: n-Nonane		*93.3 %*	*61-141*	*02/27/26*	*02/28/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2609145
Chloride	ND	20.0	1	02/27/26	02/28/26	

Sample Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
333 W Sheridan Avenue	Project Number:	01058-0007	**Reported:**
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	3/4/2026 5:11:42PM

SS18-0

E602322-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2609138
Benzene	ND	0.0250	1	02/27/26	02/27/26	
Ethylbenzene	ND	0.0250	1	02/27/26	02/27/26	
Toluene	ND	0.0250	1	02/27/26	02/27/26	
o-Xylene	ND	0.0250	1	02/27/26	02/27/26	
p,m-Xylene	ND	0.0500	1	02/27/26	02/27/26	
Total Xylenes	ND	0.0250	1	02/27/26	02/27/26	
Surrogate: 4-Bromochlorobenzene-PID		*110 %*	*70-130*	*02/27/26*	*02/27/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2609138
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/26	02/27/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.8 %*	*70-130*	*02/27/26*	*02/27/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2609139
Diesel Range Organics (C10-C28)	ND	25.0	1	02/27/26	02/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/26	02/28/26	
Surrogate: n-Nonane		*115 %*	*61-141*	*02/27/26*	*02/28/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2609145
Chloride	ND	20.0	1	02/27/26	02/28/26	

Sample Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
333 W Sheridan Avenue	Project Number:	01058-0007	**Reported:**
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	3/4/2026 5:11:42PM

SS18-1

E602322-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2609138
Benzene	ND	0.0250	1	02/27/26	02/27/26	
Ethylbenzene	ND	0.0250	1	02/27/26	02/27/26	
Toluene	ND	0.0250	1	02/27/26	02/27/26	
o-Xylene	ND	0.0250	1	02/27/26	02/27/26	
p,m-Xylene	ND	0.0500	1	02/27/26	02/27/26	
Total Xylenes	ND	0.0250	1	02/27/26	02/27/26	
Surrogate: 4-Bromochlorobenzene-PID		*110 %*	*70-130*	*02/27/26*	*02/27/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2609138
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/26	02/27/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.5 %*	*70-130*	*02/27/26*	*02/27/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2609139
Diesel Range Organics (C10-C28)	ND	25.0	1	02/27/26	02/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/26	02/28/26	
Surrogate: n-Nonane		*105 %*	*61-141*	*02/27/26*	*02/28/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2609145
Chloride	**26.7**	20.0	1	02/27/26	02/28/26	

Sample Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
333 W Sheridan Avenue	Project Number:	01058-0007	**Reported:**
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	3/4/2026 5:11:42PM

SS19-0

E602322-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2609138
Benzene	ND	0.0250	1	02/27/26	02/27/26	
Ethylbenzene	ND	0.0250	1	02/27/26	02/27/26	
Toluene	ND	0.0250	1	02/27/26	02/27/26	
o-Xylene	ND	0.0250	1	02/27/26	02/27/26	
p,m-Xylene	ND	0.0500	1	02/27/26	02/27/26	
Total Xylenes	ND	0.0250	1	02/27/26	02/27/26	
Surrogate: 4-Bromochlorobenzene-PID		*110 %*	*70-130*	*02/27/26*	*02/27/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2609138
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/26	02/27/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.6 %*	*70-130*	*02/27/26*	*02/27/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2609139
Diesel Range Organics (C10-C28)	ND	25.0	1	02/27/26	02/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/26	02/28/26	
Surrogate: n-Nonane		*93.4 %*	*61-141*	*02/27/26*	*02/28/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2609145
Chloride	**196**	20.0	1	02/27/26	02/28/26	

Sample Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	
333 W Sheridan Avenue	Project Number:	01058-0007	**Reported:**
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	3/4/2026 5:11:42PM

SS19-1

E602322-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2609138
Benzene	ND	0.0250	1	02/27/26	02/27/26	
Ethylbenzene	ND	0.0250	1	02/27/26	02/27/26	
Toluene	ND	0.0250	1	02/27/26	02/27/26	
o-Xylene	ND	0.0250	1	02/27/26	02/27/26	
p,m-Xylene	ND	0.0500	1	02/27/26	02/27/26	
Total Xylenes	ND	0.0250	1	02/27/26	02/27/26	
Surrogate: 4-Bromochlorobenzene-PID		*111 %*	*70-130*	*02/27/26*	*02/27/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2609138
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/26	02/27/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.0 %*	*70-130*	*02/27/26*	*02/27/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2609139
Diesel Range Organics (C10-C28)	ND	25.0	1	02/27/26	02/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/26	02/28/26	
Surrogate: n-Nonane		*93.2 %*	*61-141*	*02/27/26*	*02/28/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2609145
Chloride	ND	40.0	2	02/27/26	02/28/26	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	**Reported:**
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	3/4/2026 5:11:42PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2609138-BLK1)									Prepared: 02/27/26 Analyzed: 02/27/26
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*8.88*		*8.00*		*111*	*70-130*			
LCS (2609138-BS1)									Prepared: 02/27/26 Analyzed: 02/27/26
Benzene	4.56	0.0250	5.00		91.2	70-130			
Ethylbenzene	4.39	0.0250	5.00		87.8	70-130			
Toluene	4.49	0.0250	5.00		89.8	70-130			
o-Xylene	4.48	0.0250	5.00		89.7	70-130			
p,m-Xylene	8.98	0.0500	10.0		89.8	70-130			
Total Xylenes	13.5	0.0250	15.0		89.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.79*		*8.00*		*110*	*70-130*			
Matrix Spike (2609138-MS1)				**Source: E602322-06**					Prepared: 02/27/26 Analyzed: 02/27/26
Benzene	4.26	0.0250	5.00	ND	85.2	70-130			
Ethylbenzene	4.12	0.0250	5.00	ND	82.3	70-130			
Toluene	4.20	0.0250	5.00	ND	84.0	70-130			
o-Xylene	4.21	0.0250	5.00	ND	84.2	70-130			
p,m-Xylene	8.43	0.0500	10.0	ND	84.3	70-130			
Total Xylenes	12.6	0.0250	15.0	ND	84.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.89*		*8.00*		*111*	*70-130*			
Matrix Spike Dup (2609138-MSD1)				**Source: E602322-06**					Prepared: 02/27/26 Analyzed: 02/27/26
Benzene	5.11	0.0250	5.00	ND	102	70-130	18.1	27	
Ethylbenzene	4.96	0.0250	5.00	ND	99.2	70-130	18.6	26	
Toluene	5.05	0.0250	5.00	ND	101	70-130	18.3	20	
o-Xylene	5.08	0.0250	5.00	ND	102	70-130	18.7	25	
p,m-Xylene	10.1	0.0500	10.0	ND	101	70-130	18.4	23	
Total Xylenes	15.2	0.0250	15.0	ND	101	70-130	18.5	26	
Surrogate: 4-Bromochlorobenzene-PID	*8.76*		*8.00*		*110*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	**Reported:**
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	3/4/2026 5:11:42PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2609138-BLK1)									Prepared: 02/27/26 Analyzed: 02/27/26
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.41*		*8.00*		*105*	*70-130*			
LCS (2609138-BS2)									Prepared: 02/27/26 Analyzed: 02/27/26
Gasoline Range Organics (C6-C10)	59.1	20.0	50.0		118	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.99*		*8.00*		*99.8*	*70-130*			
Matrix Spike (2609138-MS2)				**Source: E602322-06**					Prepared: 02/27/26 Analyzed: 02/27/26
Gasoline Range Organics (C6-C10)	57.1	20.0	50.0	ND	114	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.65*		*8.00*		*95.6*	*70-130*			
Matrix Spike Dup (2609138-MSD2)				**Source: E602322-06**					Prepared: 02/27/26 Analyzed: 02/27/26
Gasoline Range Organics (C6-C10)	54.4	20.0	50.0	ND	109	70-130	4.78	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.69*		*8.00*		*96.2*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	**Reported:**
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	3/4/2026 5:11:42PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2609139-BLK1)									Prepared: 02/27/26 Analyzed: 02/27/26
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*55.1*		*50.0*		*110*	*61-141*			
LCS (2609139-BS1)									Prepared: 02/27/26 Analyzed: 02/27/26
Diesel Range Organics (C10-C28)	238	25.0	250		95.3	66-144			
Surrogate: n-Nonane	*44.3*		*50.0*		*88.7*	*61-141*			
Matrix Spike (2609139-MS1)				**Source: E602322-05**					Prepared: 02/27/26 Analyzed: 02/27/26
Diesel Range Organics (C10-C28)	243	25.0	250	ND	97.1	56-156			
Surrogate: n-Nonane	*45.5*		*50.0*		*90.9*	*61-141*			
Matrix Spike Dup (2609139-MSD1)				**Source: E602322-05**					Prepared: 02/27/26 Analyzed: 02/27/26
Diesel Range Organics (C10-C28)	250	25.0	250	ND	99.9	56-156	2.78	20	
Surrogate: n-Nonane	*46.7*		*50.0*		*93.3*	*61-141*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Shepherd Dalmation CTB	**Reported:**
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	3/4/2026 5:11:42PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2609145-BLK1)									Prepared: 02/27/26 Analyzed: 02/28/26
Chloride	ND	20.0							
LCS (2609145-BS1)									Prepared: 02/27/26 Analyzed: 02/28/26
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2609145-MS1)				**Source: E602318-03**					Prepared: 02/27/26 Analyzed: 02/28/26
Chloride	1180	20.0	250	953	91.3	80-120			
Matrix Spike Dup (2609145-MSD1)				**Source: E602318-03**					Prepared: 02/27/26 Analyzed: 02/28/26
Chloride	1150	20.0	250	953	78.3	80-120	2.78	20	M4

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:	Shepherd Dalmation CTB	
333 W Sheridan Avenue	Project Number:	01058-0007	**Reported:**
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	03/04/26 17:11

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.

Released to Imaging: 6/18/2026 4:05:00 PM
Received by OCD: 6/1/2026 12:05:31 PM

envirotech
Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Devon	Company: Devon Energy	Lab WO# E602322	1D 2D 3D Std	NM CO UT TX
Project: Shepherd Dalmatian CTB	Address: 5315 Buena Vista Dr	Job Number 01058-0007	X	X
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: (575)689-7597			
City, State, Zip: Carlsbad NM, 88220	Email: jim.raley@dvn.com			
Phone: 575-988-0055	Miscellaneous: Jim Raley			
Email: agiovengo@ensolum.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
0900	2/25/2026	S	1	ss15-0		1									X			4.0	
0920	2/25/2026	S	1	ss15-1		2									X			2.4	
1310	2/25/2026	S	1	ss16-0		3									X			2.6	
1335	2/25/2026	S	1	ss16-1		4									X			2.8	
1341	2/25/2026	S	1	ss17-0		5									X			4.4	
1350	2/25/2026	S	1	ss17-1		6									X			2.2	
1352	2/25/2026	S	1	ss18-0		7									X			4.0	
1355	2/25/2026	S	1	ss18-1		8									X			2.1	
1359	2/25/2026	S	1	ss19-0		9									X			2.3	
1400	2/25/2026	S	1	ss19-1		10									X			4.5	

Analysis and Method

EPA Program

SDWA	CWA	RCRA

Compliance Y or N

PWSID #

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

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

Sampled by: Eric Plugge

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	2/26/26	7:11	Michelle Gonzales	2.26.26	0711
Michelle Gonzales	2.26.26	1430	Nathan Gonzales	2.26.26	1430
Nathan Gonzales	2.26.26	1900	Johnny Archuleta	2-26-26	1900
Johnny Archuleta	2-26-26	2315	Cuth Mar	2.27.26	730
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only

Received on ice: (Y) N

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

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

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 2/27/2026 9:22:59AM

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:	02/27/26 07:30	Work Order ID:	E602322
Phone:	(505) 382-1211	Date Logged In:	02/26/26 15:49	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	03/05/26 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes	
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filtration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

L-CM
R-NV

Client Instruction

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

Date

envirotech Inc.

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

WPX Energy - Carlsbad

Project Name: Shepherd Dalmatian CTB

Work Order: E603008

Job Number: 01058-0007

Received: 3/3/2026

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/16/26

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: 3/16/26

Ashley Giovengo
5315 Buena Vista Dr
Carlsbad, NM 88220

Project Name: Shepherd Dalmatian CTB
Workorder: E603008
Date Received: 3/3/2026 8:15:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/3/2026 8:15:00AM, under the Project Name: Shepherd Dalmatian CTB.

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

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
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Sample Summary

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	03/16/26 15:28

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS20-0	E603008-01A	Soil	02/27/26	03/03/26	Glass Jar, 2 oz.
SS20-1	E603008-02A	Soil	02/27/26	03/03/26	Glass Jar, 2 oz.
SS21-0	E603008-03A	Soil	02/27/26	03/03/26	Glass Jar, 2 oz.
SS21-1	E603008-04A	Soil	02/27/26	03/03/26	Glass Jar, 2 oz.

Case Narative:

Project Name: Shepherd Dalmatian CTB
Workorder:E603008
Date Received: 03/03/26 08:15

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

Sample Name	Laboratory ID	Analysis
SS20-1	E603008-02A	300.0 Chloride

The analytical test results summarized in this revised report represent this re-extration and re-analysis.

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

Respectfully,

Walter Hinchman

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/16/2026 3:28:34PM

SS20-0

E603008-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2610034
Benzene	ND	0.0250	1	03/03/26	03/04/26	
Ethylbenzene	ND	0.0250	1	03/03/26	03/04/26	
Toluene	ND	0.0250	1	03/03/26	03/04/26	
o-Xylene	ND	0.0250	1	03/03/26	03/04/26	
p,m-Xylene	ND	0.0500	1	03/03/26	03/04/26	
Total Xylenes	ND	0.0250	1	03/03/26	03/04/26	
Surrogate: 4-Bromochlorobenzene-PID		*94.0 %*	*70-130*	*03/03/26*	*03/04/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2610034
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/03/26	03/04/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.0 %*	*70-130*	*03/03/26*	*03/04/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2610055
Diesel Range Organics (C10-C28)	ND	25.0	1	03/04/26	03/04/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/04/26	03/04/26	
Surrogate: n-Nonane		*93.0 %*	*61-141*	*03/04/26*	*03/04/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2610038
Chloride	**386**	200	10	03/03/26	03/03/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/16/2026 3:28:34PM

SS20-1

E603008-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2610034
Benzene	ND	0.0250	1	03/03/26	03/04/26	
Ethylbenzene	ND	0.0250	1	03/03/26	03/04/26	
Toluene	ND	0.0250	1	03/03/26	03/04/26	
o-Xylene	ND	0.0250	1	03/03/26	03/04/26	
p,m-Xylene	ND	0.0500	1	03/03/26	03/04/26	
Total Xylenes	ND	0.0250	1	03/03/26	03/04/26	
Surrogate: 4-Bromochlorobenzene-PID		*94.0 %*	*70-130*	*03/03/26*	*03/04/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2610034
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/03/26	03/04/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.4 %*	*70-130*	*03/03/26*	*03/04/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2610055
Diesel Range Organics (C10-C28)	ND	25.0	1	03/04/26	03/04/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/04/26	03/04/26	
Surrogate: n-Nonane		*93.6 %*	*61-141*	*03/04/26*	*03/04/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2611153
Chloride	**371**	40.0	2	03/13/26	03/13/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/16/2026 3:28:34PM

SS21-0

E603008-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2610034
Benzene	ND	0.0250	1	03/03/26	03/04/26	
Ethylbenzene	ND	0.0250	1	03/03/26	03/04/26	
Toluene	ND	0.0250	1	03/03/26	03/04/26	
o-Xylene	ND	0.0250	1	03/03/26	03/04/26	
p,m-Xylene	ND	0.0500	1	03/03/26	03/04/26	
Total Xylenes	ND	0.0250	1	03/03/26	03/04/26	
Surrogate: 4-Bromochlorobenzene-PID		*94.9 %*	*70-130*	*03/03/26*	*03/04/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2610034
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/03/26	03/04/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.6 %*	*70-130*	*03/03/26*	*03/04/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2610055
Diesel Range Organics (C10-C28)	ND	25.0	1	03/04/26	03/04/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/04/26	03/04/26	
Surrogate: n-Nonane		*91.9 %*	*61-141*	*03/04/26*	*03/04/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2610038
Chloride	**144**	20.0	1	03/03/26	03/03/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/16/2026 3:28:34PM

SS21-1

E603008-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2610034
Benzene	ND	0.0250	1	03/03/26	03/04/26	
Ethylbenzene	ND	0.0250	1	03/03/26	03/04/26	
Toluene	ND	0.0250	1	03/03/26	03/04/26	
o-Xylene	ND	0.0250	1	03/03/26	03/04/26	
p,m-Xylene	ND	0.0500	1	03/03/26	03/04/26	
Total Xylenes	ND	0.0250	1	03/03/26	03/04/26	
Surrogate: 4-Bromochlorobenzene-PID		*94.2 %*	*70-130*	*03/03/26*	*03/04/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2610034
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/03/26	03/04/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.4 %*	*70-130*	*03/03/26*	*03/04/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2610055
Diesel Range Organics (C10-C28)	ND	25.0	1	03/04/26	03/04/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/04/26	03/04/26	
Surrogate: n-Nonane		*93.5 %*	*61-141*	*03/04/26*	*03/04/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2610038
Chloride	**153**	20.0	1	03/03/26	03/03/26	

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/16/2026 3:28:34PM

Volatile Organics by EPA 8021B

Analyst: MB

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2610034-BLK1)									Prepared: 03/03/26 Analyzed: 03/04/26
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.43*		*8.00*		*92.8*	*70-130*			
LCS (2610034-BS1)									Prepared: 03/03/26 Analyzed: 03/04/26
Benzene	4.37	0.0250	5.00		87.5	70-130			
Ethylbenzene	4.15	0.0250	5.00		83.1	70-130			
Toluene	4.30	0.0250	5.00		86.0	70-130			
o-Xylene	4.26	0.0250	5.00		85.1	70-130			
p,m-Xylene	8.52	0.0500	10.0		85.2	70-130			
Total Xylenes	12.8	0.0250	15.0		85.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.45*		*8.00*		*93.2*	*70-130*			
Matrix Spike (2610034-MS1)				**Source: E603010-02**					Prepared: 03/03/26 Analyzed: 03/04/26
Benzene	4.15	0.0250	5.00	ND	82.9	70-130			
Ethylbenzene	3.91	0.0250	5.00	ND	78.2	70-130			
Toluene	4.06	0.0250	5.00	ND	81.3	70-130			
o-Xylene	3.98	0.0250	5.00	ND	79.7	70-130			
p,m-Xylene	8.03	0.0500	10.0	ND	80.3	70-130			
Total Xylenes	12.0	0.0250	15.0	ND	80.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.43*		*8.00*		*92.9*	*70-130*			
Matrix Spike Dup (2610034-MSD1)				**Source: E603010-02**					Prepared: 03/03/26 Analyzed: 03/04/26
Benzene	4.26	0.0250	5.00	ND	85.3	70-130	2.81	27	
Ethylbenzene	4.02	0.0250	5.00	ND	80.4	70-130	2.66	26	
Toluene	4.17	0.0250	5.00	ND	83.5	70-130	2.67	20	
o-Xylene	4.11	0.0250	5.00	ND	82.1	70-130	3.02	25	
p,m-Xylene	8.24	0.0500	10.0	ND	82.4	70-130	2.55	23	
Total Xylenes	12.3	0.0250	15.0	ND	82.3	70-130	2.71	26	
Surrogate: 4-Bromochlorobenzene-PID	*7.42*		*8.00*		*92.7*	*70-130*			

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/16/2026 3:28:34PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: MB

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2610034-BLK1)									Prepared: 03/03/26 Analyzed: 03/04/26
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.48*		*8.00*		*93.6*	*70-130*			
LCS (2610034-BS2)									Prepared: 03/03/26 Analyzed: 03/04/26
Gasoline Range Organics (C6-C10)	39.2	20.0	50.0		78.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.63*		*8.00*		*95.4*	*70-130*			
Matrix Spike (2610034-MS2)				**Source: E603010-02**					Prepared: 03/03/26 Analyzed: 03/04/26
Gasoline Range Organics (C6-C10)	47.5	20.0	50.0	ND	95.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.70*		*8.00*		*96.3*	*70-130*			
Matrix Spike Dup (2610034-MSD2)				**Source: E603010-02**					Prepared: 03/03/26 Analyzed: 03/04/26
Gasoline Range Organics (C6-C10)	45.4	20.0	50.0	ND	90.8	70-130	4.57	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.83*		*8.00*		*97.8*	*70-130*			

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/16/2026 3:28:34PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2610055-BLK1)									Prepared: 03/04/26 Analyzed: 03/04/26
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*45.2*		*50.0*		*90.3*	*61-141*			
LCS (2610055-BS1)									Prepared: 03/04/26 Analyzed: 03/05/26
Diesel Range Organics (C10-C28)	233	25.0	250		93.3	66-144			
Surrogate: n-Nonane	*43.3*		*50.0*		*86.7*	*61-141*			
Matrix Spike (2610055-MS1)				**Source: E603008-03**					Prepared: 03/04/26 Analyzed: 03/04/26
Diesel Range Organics (C10-C28)	250	25.0	250	ND	100	56-156			
Surrogate: n-Nonane	*47.0*		*50.0*		*94.0*	*61-141*			
Matrix Spike Dup (2610055-MSD1)				**Source: E603008-03**					Prepared: 03/04/26 Analyzed: 03/04/26
Diesel Range Organics (C10-C28)	253	25.0	250	ND	101	56-156	1.06	20	
Surrogate: n-Nonane	*46.9*		*50.0*		*93.8*	*61-141*			

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/16/2026 3:28:34PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2610038-BLK1)									Prepared: 03/03/26 Analyzed: 03/03/26
Chloride	ND	20.0							
LCS (2610038-BS1)									Prepared: 03/03/26 Analyzed: 03/03/26
Chloride	259	20.0	250		103	90-110			
Matrix Spike (2610038-MS1)				**Source: E602339-44**					Prepared: 03/03/26 Analyzed: 03/03/26
Chloride	689	20.0	250	459	91.9	80-120			
Matrix Spike Dup (2610038-MSD1)				**Source: E602339-44**					Prepared: 03/03/26 Analyzed: 03/03/26
Chloride	717	20.0	250	459	103	80-120	4.05	20	

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/16/2026 3:28:34PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2611153-BLK1)									Prepared: 03/13/26 Analyzed: 03/13/26
Chloride	ND	20.0							
LCS (2611153-BS1)									Prepared: 03/13/26 Analyzed: 03/13/26
Chloride	259	20.0	250		104	90-110			
Matrix Spike (2611153-MS1)				**Source: E603092-04**					Prepared: 03/13/26 Analyzed: 03/13/26
Chloride	622	20.0	250	276	138	80-120			M2
Matrix Spike Dup (2611153-MSD1)				**Source: E603092-04**					Prepared: 03/13/26 Analyzed: 03/13/26
Chloride	628	20.0	250	276	141	80-120	0.983	20	M2

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

Definitions and Notes

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	03/16/26 15:28

M2	Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 6/18/2026 4:05:00 PM
Received by OCD: 6/1/2026 12:05:31 PM

envirotech
Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: WPX Energy	Company: Devon Energy	Lab WO# E603008	1D 2D 3D Std	NM CO UT TX
Project: Shepherd Dalmatian CTB	Address: 5315 Buena Vista Dr	Job Number 01058.0007		X
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: (575)689-7597			
City, State, Zip: Carlsbad NM, 88220	Email: jim.raley@dvn.com			
Phone: 575-988-0055	Miscellaneous: Jim Raley			
Email: agiovengo@ensolum.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
0855	2/27/2026	S	1	ss20-0		1									X			0.2	
0920	2/27/2026	S	1	ss20-1		2									X			0.8	
1021	2/27/2026	S	1	ss21-0		3									X			1.7	
1032	2/27/2026	S	1	ss21-1		4									X			2.3	

Analysis and Method

EPA Program: SDWA | CWA | RCRA

Compliance Y or N

PWSID #

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

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

Sampled by: Eric Plugge

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	3/2/26	7:11	Michelle Gonzales	3-2-26	0711
Michelle Gonzales	3-2-26	1330	Marissa Gonzales	3-2-26	1330
Marissa Gonzales	3-2-26	1780	Johnny Archuleta	3-2-26	1730
Johnny Archuleta	3-2-26	2115		3.3.26	815
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only

Received on ice: (Y) N

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

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

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 3/3/2026 9:02:30AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	WPX Energy - Carlsbad	Date Received:	03/03/26 08:15	Work Order ID:	E603008
Phone:	(539) 573-4018	Date Logged In:	03/02/26 16:20	Logged In By:	Noe Soto
Email:	ashley.giovengo@wesominc.com	Due Date:	03/09/26 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes	
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filtration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

L-CM
R-NS

Client Instruction

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

Date

envirotech Inc.

Released to Imaging: 6/18/2026 4:05:00 PM
Received by OCD: 6/1/2026 12:05:31 PM

envirotech
Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: WPX Energy	Company: Devon Energy	Lab WO# E603008	1D 2D 3D Std	NM CO UT TX
Project: Shepherd Dalmatian CTB	Address: 5315 Buena Vista Dr	Job Number 01058.0007	X	X
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: (575)689-7597			
City, State, Zip: Carlsbad NM, 88220	Email: jim.raley@dvn.com			
Phone: 575-988-0055	Miscellaneous: Jim Raley			
Email: agiovengo@ensolum.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
0855	2/27/2026	S	1	ss20-0		1									X			0.2	
0920	2/27/2026	S	1	ss20-1		2					X				X			0.8	
1021	2/27/2026	S	1	ss21-0		3									X			1.7	
1032	2/27/2026	S	1	ss21-1		4									X			2.3	

Analysis and Method

EPA Program

SDWA	CWA	RCRA

Compliance Y or N

PWSID #

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com
Chloride rerun on sample #2 Req by CB 3/10/26 CM

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

Sampled by: Eric Plugge

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	3/2/26	7:11	Michelle Gonzales	3.2.26	0711
Michelle Gonzales	3.2.26	1330	Marissa Gonzales	3.2.26	1330
Marissa Gonzales	3.2.26	1780	Johnny Archuleta	3.2.26	1730
Johnny Archuleta	3.2.26	2115		3.3.26	815

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only
Received on ice: (Y) N

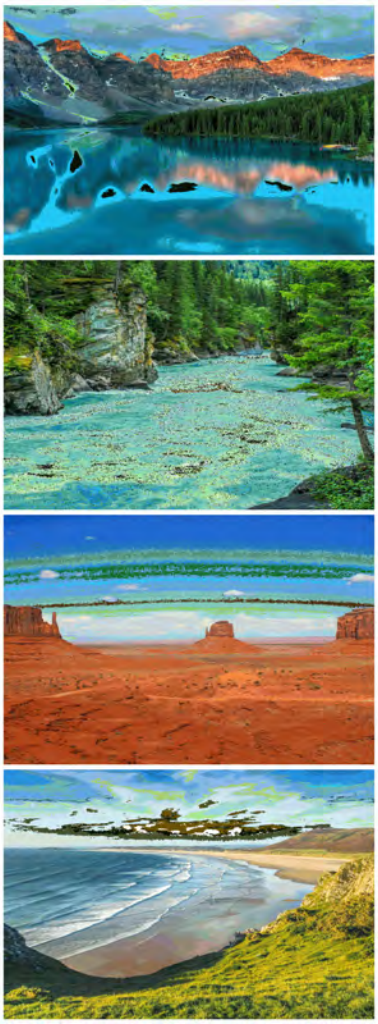
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

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

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

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

WPX Energy - Carlsbad

Project Name:	Shepherd Dalmatian CTB
Work Order:	E603092
Job Number:	01058-0007
Received:	3/10/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/16/26

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: 3/16/26

Ashley Giovengo
5315 Buena Vista Dr
Carlsbad, NM 88220

Project Name: Shepherd Dalmatian CTB
Workorder: E603092
Date Received: 3/10/2026 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/10/2026 7:00:00AM, under the Project Name: Shepherd Dalmatian CTB.

The analytical test results summarized in this report with the Project Name: Shepherd Dalmatian CTB 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
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Cell: 775-287-1762
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Sample Summary

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	03/16/26 16:20

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH14-0'	E603092-01A	Soil	03/06/26	03/10/26	Glass Jar, 2 oz.
BH14-1'	E603092-02A	Soil	03/06/26	03/10/26	Glass Jar, 2 oz.
BH14-2'	E603092-03A	Soil	03/06/26	03/10/26	Glass Jar, 2 oz.
BH14-3'	E603092-04A	Soil	03/06/26	03/10/26	Glass Jar, 2 oz.
BH14-4'	E603092-05A	Soil	03/06/26	03/10/26	Glass Jar, 2 oz.
BH14-5'	E603092-06A	Soil	03/06/26	03/10/26	Glass Jar, 2 oz.
BH14-6'	E603092-07A	Soil	03/06/26	03/10/26	Glass Jar, 2 oz.
BH14-8'	E603092-08A	Soil	03/06/26	03/10/26	Glass Jar, 2 oz.
BH14-11'	E603092-09A	Soil	03/06/26	03/10/26	Glass Jar, 2 oz.

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/16/2026 4:20:00PM

BH14-0'

E603092-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2611073
Benzene	ND	0.0250	1	03/10/26	03/12/26	
Ethylbenzene	ND	0.0250	1	03/10/26	03/12/26	
Toluene	ND	0.0250	1	03/10/26	03/12/26	
o-Xylene	ND	0.0250	1	03/10/26	03/12/26	
p,m-Xylene	ND	0.0500	1	03/10/26	03/12/26	
Total Xylenes	ND	0.0250	1	03/10/26	03/12/26	
Surrogate: 4-Bromochlorobenzene-PID		*99.7 %*	*70-130*	*03/10/26*	*03/12/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2611073
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/26	03/12/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.0 %*	*70-130*	*03/10/26*	*03/12/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2611138
Diesel Range Organics (C10-C28)	ND	25.0	1	03/12/26	03/12/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/12/26	03/12/26	
Surrogate: n-Nonane		*98.2 %*	*61-141*	*03/12/26*	*03/12/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2611153
Chloride	**18200**	1000	50	03/13/26	03/13/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/16/2026 4:20:00PM

BH14-1'

E603092-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2611073
Benzene	ND	0.0250	1	03/10/26	03/12/26	
Ethylbenzene	ND	0.0250	1	03/10/26	03/12/26	
Toluene	ND	0.0250	1	03/10/26	03/12/26	
o-Xylene	ND	0.0250	1	03/10/26	03/12/26	
p,m-Xylene	ND	0.0500	1	03/10/26	03/12/26	
Total Xylenes	ND	0.0250	1	03/10/26	03/12/26	
Surrogate: 4-Bromochlorobenzene-PID		*97.6 %*	*70-130*	*03/10/26*	*03/12/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2611073
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/26	03/12/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*	*70-130*	*03/10/26*	*03/12/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2611138
Diesel Range Organics (C10-C28)	ND	25.0	1	03/12/26	03/12/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/12/26	03/12/26	
Surrogate: n-Nonane		*103 %*	*61-141*	*03/12/26*	*03/12/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2611153
Chloride	**651**	20.0	1	03/13/26	03/13/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/16/2026 4:20:00PM

BH14-2'

E603092-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2611073
Benzene	ND	0.0250	1	03/10/26	03/12/26	
Ethylbenzene	ND	0.0250	1	03/10/26	03/12/26	
Toluene	ND	0.0250	1	03/10/26	03/12/26	
o-Xylene	ND	0.0250	1	03/10/26	03/12/26	
p,m-Xylene	ND	0.0500	1	03/10/26	03/12/26	
Total Xylenes	ND	0.0250	1	03/10/26	03/12/26	
Surrogate: 4-Bromochlorobenzene-PID		*97.4 %*	*70-130*	*03/10/26*	*03/12/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2611073
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/26	03/12/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.4 %*	*70-130*	*03/10/26*	*03/12/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2611138
Diesel Range Organics (C10-C28)	ND	25.0	1	03/12/26	03/12/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/12/26	03/12/26	
Surrogate: n-Nonane		*107 %*	*61-141*	*03/12/26*	*03/12/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2611153
Chloride	**853**	40.0	2	03/13/26	03/13/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/16/2026 4:20:00PM

BH14-3'

E603092-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2611073
Benzene	ND	0.0250	1	03/10/26	03/12/26	
Ethylbenzene	ND	0.0250	1	03/10/26	03/12/26	
Toluene	ND	0.0250	1	03/10/26	03/12/26	
o-Xylene	ND	0.0250	1	03/10/26	03/12/26	
p,m-Xylene	ND	0.0500	1	03/10/26	03/12/26	
Total Xylenes	ND	0.0250	1	03/10/26	03/12/26	
Surrogate: 4-Bromochlorobenzene-PID		*98.0 %*	*70-130*	*03/10/26*	*03/12/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2611073
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/26	03/12/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.6 %*	*70-130*	*03/10/26*	*03/12/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2611138
Diesel Range Organics (C10-C28)	ND	25.0	1	03/12/26	03/13/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/12/26	03/13/26	
Surrogate: n-Nonane		*106 %*	*61-141*	*03/12/26*	*03/13/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2611153
Chloride	**276**	20.0	1	03/13/26	03/13/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/16/2026 4:20:00PM

BH14-4'

E603092-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2611073
Benzene	ND	0.0250	1	03/10/26	03/12/26	
Ethylbenzene	ND	0.0250	1	03/10/26	03/12/26	
Toluene	ND	0.0250	1	03/10/26	03/12/26	
o-Xylene	ND	0.0250	1	03/10/26	03/12/26	
p,m-Xylene	ND	0.0500	1	03/10/26	03/12/26	
Total Xylenes	ND	0.0250	1	03/10/26	03/12/26	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*03/10/26*	*03/12/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2611073
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/26	03/12/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.2 %*	*70-130*	*03/10/26*	*03/12/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2611138
Diesel Range Organics (C10-C28)	ND	25.0	1	03/12/26	03/13/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/12/26	03/13/26	
Surrogate: n-Nonane		*101 %*	*61-141*	*03/12/26*	*03/13/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2611153
Chloride	**407**	40.0	2	03/13/26	03/13/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/16/2026 4:20:00PM

BH14-5'

E603092-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2611073
Benzene	ND	0.0250	1	03/10/26	03/12/26	
Ethylbenzene	ND	0.0250	1	03/10/26	03/12/26	
Toluene	ND	0.0250	1	03/10/26	03/12/26	
o-Xylene	ND	0.0250	1	03/10/26	03/12/26	
p,m-Xylene	ND	0.0500	1	03/10/26	03/12/26	
Total Xylenes	ND	0.0250	1	03/10/26	03/12/26	
Surrogate: 4-Bromochlorobenzene-PID		*98.4 %*	*70-130*	*03/10/26*	*03/12/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2611073
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/26	03/12/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.4 %*	*70-130*	*03/10/26*	*03/12/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2611138
Diesel Range Organics (C10-C28)	ND	25.0	1	03/12/26	03/13/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/12/26	03/13/26	
Surrogate: n-Nonane		*103 %*	*61-141*	*03/12/26*	*03/13/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2611153
Chloride	**291**	40.0	2	03/13/26	03/13/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/16/2026 4:20:00PM

BH14-6'

E603092-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2611073
Benzene	ND	0.0250	1	03/10/26	03/12/26	
Ethylbenzene	ND	0.0250	1	03/10/26	03/12/26	
Toluene	ND	0.0250	1	03/10/26	03/12/26	
o-Xylene	ND	0.0250	1	03/10/26	03/12/26	
p,m-Xylene	ND	0.0500	1	03/10/26	03/12/26	
Total Xylenes	ND	0.0250	1	03/10/26	03/12/26	
Surrogate: 4-Bromochlorobenzene-PID		*98.4 %*	*70-130*	*03/10/26*	*03/12/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2611073
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/26	03/12/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.1 %*	*70-130*	*03/10/26*	*03/12/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2611138
Diesel Range Organics (C10-C28)	ND	25.0	1	03/12/26	03/13/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/12/26	03/13/26	
Surrogate: n-Nonane		*104 %*	*61-141*	*03/12/26*	*03/13/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2611153
Chloride	**458**	20.0	1	03/13/26	03/13/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/16/2026 4:20:00PM

BH14-8'

E603092-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2611073
Benzene	ND	0.0250	1	03/10/26	03/12/26	
Ethylbenzene	ND	0.0250	1	03/10/26	03/12/26	
Toluene	ND	0.0250	1	03/10/26	03/12/26	
o-Xylene	ND	0.0250	1	03/10/26	03/12/26	
p,m-Xylene	ND	0.0500	1	03/10/26	03/12/26	
Total Xylenes	ND	0.0250	1	03/10/26	03/12/26	
Surrogate: 4-Bromochlorobenzene-PID		*97.2 %*	*70-130*	*03/10/26*	*03/12/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2611073
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/26	03/12/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.1 %*	*70-130*	*03/10/26*	*03/12/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2611138
Diesel Range Organics (C10-C28)	ND	25.0	1	03/12/26	03/13/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/12/26	03/13/26	
Surrogate: n-Nonane		*106 %*	*61-141*	*03/12/26*	*03/13/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2611153
Chloride	**1070**	20.0	1	03/13/26	03/13/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/16/2026 4:20:00PM

BH14-11'

E603092-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2611073
Benzene	ND	0.0250	1	03/10/26	03/11/26	
Ethylbenzene	ND	0.0250	1	03/10/26	03/11/26	
Toluene	ND	0.0250	1	03/10/26	03/11/26	
o-Xylene	ND	0.0250	1	03/10/26	03/11/26	
p,m-Xylene	ND	0.0500	1	03/10/26	03/11/26	
Total Xylenes	ND	0.0250	1	03/10/26	03/11/26	
Surrogate: 4-Bromochlorobenzene-PID		*96.9 %*	*70-130*	*03/10/26*	*03/11/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2611073
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/26	03/11/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.8 %*	*70-130*	*03/10/26*	*03/11/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2611138
Diesel Range Organics (C10-C28)	ND	25.0	1	03/12/26	03/13/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/12/26	03/13/26	
Surrogate: n-Nonane		*104 %*	*61-141*	*03/12/26*	*03/13/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2611153
Chloride	**1700**	40.0	2	03/13/26	03/13/26	

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/16/2026 4:20:00PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2611073-BLK1)									Prepared: 03/10/26 Analyzed: 03/11/26
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.30*		*8.00*		*91.2*	*70-130*			
LCS (2611073-BS1)									Prepared: 03/10/26 Analyzed: 03/11/26
Benzene	5.25	0.0250	5.00		105	70-130			
Ethylbenzene	4.99	0.0250	5.00		99.9	70-130			
Toluene	5.15	0.0250	5.00		103	70-130			
o-Xylene	5.01	0.0250	5.00		100	70-130			
p,m-Xylene	10.2	0.0500	10.0		102	70-130			
Total Xylenes	15.2	0.0250	15.0		101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.33*		*8.00*		*91.7*	*70-130*			
Matrix Spike (2611073-MS1)				**Source: E603092-09**					Prepared: 03/10/26 Analyzed: 03/11/26
Benzene	5.06	0.0250	5.00	ND	101	70-130			
Ethylbenzene	4.83	0.0250	5.00	ND	96.6	70-130			
Toluene	4.95	0.0250	5.00	ND	99.0	70-130			
o-Xylene	4.86	0.0250	5.00	ND	97.1	70-130			
p,m-Xylene	9.85	0.0500	10.0	ND	98.5	70-130			
Total Xylenes	14.7	0.0250	15.0	ND	98.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.63*		*8.00*		*95.4*	*70-130*			
Matrix Spike Dup (2611073-MSD1)				**Source: E603092-09**					Prepared: 03/10/26 Analyzed: 03/11/26
Benzene	4.72	0.0250	5.00	ND	94.5	70-130	6.93	27	
Ethylbenzene	4.56	0.0250	5.00	ND	91.1	70-130	5.86	26	
Toluene	4.65	0.0250	5.00	ND	93.0	70-130	6.27	20	
o-Xylene	4.60	0.0250	5.00	ND	92.1	70-130	5.31	25	
p,m-Xylene	9.31	0.0500	10.0	ND	93.1	70-130	5.63	23	
Total Xylenes	13.9	0.0250	15.0	ND	92.7	70-130	5.52	26	
Surrogate: 4-Bromochlorobenzene-PID	*7.54*		*8.00*		*94.2*	*70-130*			

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/16/2026 4:20:00PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2611073-BLK1)									Prepared: 03/10/26 Analyzed: 03/11/26
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.40*		*8.00*		*92.5*	*70-130*			
LCS (2611073-BS2)									Prepared: 03/10/26 Analyzed: 03/11/26
Gasoline Range Organics (C6-C10)	52.9	20.0	50.0		106	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.58*		*8.00*		*94.7*	*70-130*			
Matrix Spike (2611073-MS2)				**Source: E603092-09**					Prepared: 03/10/26 Analyzed: 03/11/26
Gasoline Range Organics (C6-C10)	55.4	20.0	50.0	ND	111	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.43*		*8.00*		*92.9*	*70-130*			
Matrix Spike Dup (2611073-MSD2)				**Source: E603092-09**					Prepared: 03/10/26 Analyzed: 03/11/26
Gasoline Range Organics (C6-C10)	50.5	20.0	50.0	ND	101	70-130	9.18	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.47*		*8.00*		*93.3*	*70-130*			

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/16/2026 4:20:00PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2611138-BLK1)									Prepared: 03/12/26 Analyzed: 03/12/26
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*51.7*		*50.0*		*103*	*61-141*			
LCS (2611138-BS1)									Prepared: 03/12/26 Analyzed: 03/12/26
Diesel Range Organics (C10-C28)	257	25.0	250		103	66-144			
Surrogate: n-Nonane	*48.4*		*50.0*		*96.7*	*61-141*			
Matrix Spike (2611138-MS1)				**Source: E603093-09**					Prepared: 03/12/26 Analyzed: 03/12/26
Diesel Range Organics (C10-C28)	275	25.0	250	ND	110	56-156			
Surrogate: n-Nonane	*51.4*		*50.0*		*103*	*61-141*			
Matrix Spike Dup (2611138-MSD1)				**Source: E603093-09**					Prepared: 03/12/26 Analyzed: 03/12/26
Diesel Range Organics (C10-C28)	262	25.0	250	ND	105	56-156	4.87	20	
Surrogate: n-Nonane	*49.2*		*50.0*		*98.4*	*61-141*			

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/16/2026 4:20:00PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2611153-BLK1)									Prepared: 03/13/26 Analyzed: 03/13/26
Chloride	ND	20.0							
LCS (2611153-BS1)									Prepared: 03/13/26 Analyzed: 03/13/26
Chloride	259	20.0	250		104	90-110			
Matrix Spike (2611153-MS1)				**Source: E603092-04**					Prepared: 03/13/26 Analyzed: 03/13/26
Chloride	622	20.0	250	276	138	80-120			M2
Matrix Spike Dup (2611153-MSD1)				**Source: E603092-04**					Prepared: 03/13/26 Analyzed: 03/13/26
Chloride	628	20.0	250	276	141	80-120	0.983	20	M2

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

Definitions and Notes

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	03/16/26 16:20

M2	Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 6/18/2026 4:05:00 PM
Received by OCD: 6/1/2026 12:05:31 PM

envirotech
Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: WPX Energy Permian, LLC	Company: WPX Energy Permian, LLC	Lab WO# E603092	1D 2D 3D Std	NM CO UT TX
Project: Shepherd Dalmatian CTB	Address: 5315 Buena Vista Dr	Job Number 01058.0007	X	X
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: (575)689-7597			
City, State, Zip: Carlsbad NM, 88220	Email: jim.raley@dvn.com			
Phone: 575-988-0055	Miscellaneous: Jim Raley			
Email: agiovengo@ensolum.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
9:28	3/6/2026	S	1	BH14-0'		1									X			0.9	
9:30	3/6/2026	S	1	BH14-1'		2									X			0.5	
9:31	3/6/2026	S	1	BH14-2'		3									X			0.4	
9:33	3/6/2026	S	1	BH14-3'		4									X			1.4	
9:35	3/6/2026	S	1	BH14-4'		5									X			2.0	
9:50	3/6/2026	S	1	BH14-5'		6									X			1.7	
9:53	3/6/2026	S	1	BH14-6'		7									X			1.1	
1017	3/6/2026	S	1	BH14-8'		8									X			1.4	
1048	3/6/2026	S	1	BH14-11'		9									X			1.6	

Analysis and Method

EPA Program

SDWA | CWA | RCRA

Compliance Y or N

PWSID #

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

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

Sampled by: Liane Linehan

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	3-9-26	07:15	Michelle Gonzales	3-9-26	0715
Michelle Gonzales	3-9-26	1415	Nathan Gonzales	3-9-26	1415
Nathan Gonzales	3-9-26	1800	Johnny Archuleta	3-9-26	1800
Johnny Archuleta	3-9-26	2200	[signature]	3-10-26	0700

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only

Received on ice: (Y) N

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

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

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 3/10/2026 9:41:09AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	WPX Energy - Carlsbad	Date Received:	03/10/26 07:00	Work Order ID:	E603092
Phone:	(539) 573-4018	Date Logged In:	03/09/26 15:50	Logged In By:	Caitlin Mars
Email:	ashley.giovengo@wesominc.com	Due Date:	03/16/26 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes	
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filtration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

L-NS
R-CM

Client Instruction

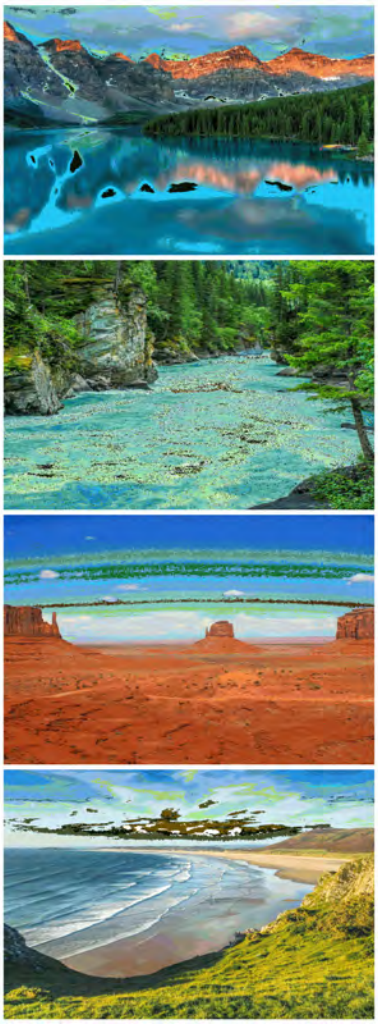
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

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

WPX Energy - Carlsbad

Project Name:	Shepherd Dalmatian CTB
Work Order:	E603093
Job Number:	01058-0007
Received:	3/10/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/16/26

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: 3/16/26

Ashley Giovengo
5315 Buena Vista Dr
Carlsbad, NM 88220

Project Name: Shepherd Dalmatian CTB
Workorder: E603093
Date Received: 3/10/2026 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/10/2026 7:00:00AM, under the Project Name: Shepherd Dalmatian CTB.

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

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
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Sample Summary

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	03/16/26 13:36

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH15-0'	E603093-01A	Soil	03/06/26	03/10/26	Glass Jar, 2 oz.
BH15-1'	E603093-02A	Soil	03/06/26	03/10/26	Glass Jar, 2 oz.
BH15-2'	E603093-03A	Soil	03/06/26	03/10/26	Glass Jar, 2 oz.
BH15-3'	E603093-04A	Soil	03/06/26	03/10/26	Glass Jar, 2 oz.
BH15-4'	E603093-05A	Soil	03/06/26	03/10/26	Glass Jar, 2 oz.
BH15-6'	E603093-06A	Soil	03/06/26	03/10/26	Glass Jar, 2 oz.
BH15-7'	E603093-07A	Soil	03/06/26	03/10/26	Glass Jar, 2 oz.
BH15-9'	E603093-08A	Soil	03/06/26	03/10/26	Glass Jar, 2 oz.
BH15-11'	E603093-09A	Soil	03/06/26	03/10/26	Glass Jar, 2 oz.

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/16/2026 1:36:04PM

BH15-0'

E603093-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2611084
Benzene	ND	0.0250	1	03/11/26	03/11/26	
Ethylbenzene	ND	0.0250	1	03/11/26	03/11/26	
Toluene	ND	0.0250	1	03/11/26	03/11/26	
o-Xylene	ND	0.0250	1	03/11/26	03/11/26	
p,m-Xylene	ND	0.0500	1	03/11/26	03/11/26	
Total Xylenes	ND	0.0250	1	03/11/26	03/11/26	
Surrogate: 4-Bromochlorobenzene-PID		*94.0 %*	*70-130*	*03/11/26*	*03/11/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2611084
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/11/26	03/11/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.4 %*	*70-130*	*03/11/26*	*03/11/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2611138
Diesel Range Organics (C10-C28)	ND	25.0	1	03/12/26	03/13/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/12/26	03/13/26	
Surrogate: n-Nonane		*103 %*	*61-141*	*03/12/26*	*03/13/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2611153
Chloride	**15500**	400	20	03/13/26	03/13/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/16/2026 1:36:04PM

BH15-1'

E603093-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2611084
Benzene	ND	0.0250	1	03/11/26	03/11/26	
Ethylbenzene	ND	0.0250	1	03/11/26	03/11/26	
Toluene	ND	0.0250	1	03/11/26	03/11/26	
o-Xylene	ND	0.0250	1	03/11/26	03/11/26	
p,m-Xylene	ND	0.0500	1	03/11/26	03/11/26	
Total Xylenes	ND	0.0250	1	03/11/26	03/11/26	
Surrogate: 4-Bromochlorobenzene-PID		*91.5 %*	*70-130*	*03/11/26*	*03/11/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2611084
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/11/26	03/11/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*98.0 %*	*70-130*	*03/11/26*	*03/11/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2611138
Diesel Range Organics (C10-C28)	ND	25.0	1	03/12/26	03/13/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/12/26	03/13/26	
Surrogate: n-Nonane		*106 %*	*61-141*	*03/12/26*	*03/13/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2611153
Chloride	**299**	20.0	1	03/13/26	03/13/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/16/2026 1:36:04PM

BH15-2'

E603093-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2611084
Benzene	ND	0.0250	1	03/11/26	03/11/26	
Ethylbenzene	ND	0.0250	1	03/11/26	03/11/26	
Toluene	ND	0.0250	1	03/11/26	03/11/26	
o-Xylene	ND	0.0250	1	03/11/26	03/11/26	
p,m-Xylene	ND	0.0500	1	03/11/26	03/11/26	
Total Xylenes	ND	0.0250	1	03/11/26	03/11/26	
Surrogate: 4-Bromochlorobenzene-PID		*92.1 %*	*70-130*	*03/11/26*	*03/11/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2611084
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/11/26	03/11/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.9 %*	*70-130*	*03/11/26*	*03/11/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2611138
Diesel Range Organics (C10-C28)	ND	25.0	1	03/12/26	03/13/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/12/26	03/13/26	
Surrogate: n-Nonane		*101 %*	*61-141*	*03/12/26*	*03/13/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2611153
Chloride	**140**	20.0	1	03/13/26	03/13/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/16/2026 1:36:04PM

BH15-3'

E603093-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2611084
Benzene	ND	0.0250	1	03/11/26	03/11/26	
Ethylbenzene	ND	0.0250	1	03/11/26	03/11/26	
Toluene	ND	0.0250	1	03/11/26	03/11/26	
o-Xylene	ND	0.0250	1	03/11/26	03/11/26	
p,m-Xylene	ND	0.0500	1	03/11/26	03/11/26	
Total Xylenes	ND	0.0250	1	03/11/26	03/11/26	
Surrogate: 4-Bromochlorobenzene-PID		*91.6 %*	*70-130*	*03/11/26*	*03/11/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2611084
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/11/26	03/11/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.9 %*	*70-130*	*03/11/26*	*03/11/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2611138
Diesel Range Organics (C10-C28)	ND	25.0	1	03/12/26	03/13/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/12/26	03/13/26	
Surrogate: n-Nonane		*106 %*	*61-141*	*03/12/26*	*03/13/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2611153
Chloride	**308**	40.0	2	03/13/26	03/13/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/16/2026 1:36:04PM

BH15-4'

E603093-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2611084
Benzene	ND	0.0250	1	03/11/26	03/11/26	
Ethylbenzene	ND	0.0250	1	03/11/26	03/11/26	
Toluene	ND	0.0250	1	03/11/26	03/11/26	
o-Xylene	ND	0.0250	1	03/11/26	03/11/26	
p,m-Xylene	ND	0.0500	1	03/11/26	03/11/26	
Total Xylenes	ND	0.0250	1	03/11/26	03/11/26	
Surrogate: 4-Bromochlorobenzene-PID		*91.3 %*	*70-130*	*03/11/26*	*03/11/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2611084
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/11/26	03/11/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.2 %*	*70-130*	*03/11/26*	*03/11/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2611138
Diesel Range Organics (C10-C28)	ND	25.0	1	03/12/26	03/13/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/12/26	03/13/26	
Surrogate: n-Nonane		*103 %*	*61-141*	*03/12/26*	*03/13/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2611153
Chloride	**1040**	40.0	2	03/13/26	03/13/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/16/2026 1:36:04PM

BH15-6'

E603093-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2611084
Benzene	ND	0.0250	1	03/11/26	03/11/26	
Ethylbenzene	ND	0.0250	1	03/11/26	03/11/26	
Toluene	ND	0.0250	1	03/11/26	03/11/26	
o-Xylene	ND	0.0250	1	03/11/26	03/11/26	
p,m-Xylene	ND	0.0500	1	03/11/26	03/11/26	
Total Xylenes	ND	0.0250	1	03/11/26	03/11/26	
Surrogate: 4-Bromochlorobenzene-PID		*91.5 %*	*70-130*	*03/11/26*	*03/11/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2611084
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/11/26	03/11/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.6 %*	*70-130*	*03/11/26*	*03/11/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2611138
Diesel Range Organics (C10-C28)	ND	25.0	1	03/12/26	03/13/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/12/26	03/13/26	
Surrogate: n-Nonane		*102 %*	*61-141*	*03/12/26*	*03/13/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2611153
Chloride	**1400**	40.0	2	03/13/26	03/13/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/16/2026 1:36:04PM

BH15-7'

E603093-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2611084
Benzene	ND	0.0250	1	03/11/26	03/12/26	
Ethylbenzene	ND	0.0250	1	03/11/26	03/12/26	
Toluene	ND	0.0250	1	03/11/26	03/12/26	
o-Xylene	ND	0.0250	1	03/11/26	03/12/26	
p,m-Xylene	ND	0.0500	1	03/11/26	03/12/26	
Total Xylenes	ND	0.0250	1	03/11/26	03/12/26	
Surrogate: 4-Bromochlorobenzene-PID		*91.6 %*	*70-130*	*03/11/26*	*03/12/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2611084
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/11/26	03/12/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*98.3 %*	*70-130*	*03/11/26*	*03/12/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2611138
Diesel Range Organics (C10-C28)	ND	25.0	1	03/12/26	03/13/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/12/26	03/13/26	
Surrogate: n-Nonane		*103 %*	*61-141*	*03/12/26*	*03/13/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2611153
Chloride	**1900**	40.0	2	03/13/26	03/13/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/16/2026 1:36:04PM

BH15-9'

E603093-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2611084
Benzene	ND	0.0250	1	03/11/26	03/12/26	
Ethylbenzene	ND	0.0250	1	03/11/26	03/12/26	
Toluene	ND	0.0250	1	03/11/26	03/12/26	
o-Xylene	ND	0.0250	1	03/11/26	03/12/26	
p,m-Xylene	ND	0.0500	1	03/11/26	03/12/26	
Total Xylenes	ND	0.0250	1	03/11/26	03/12/26	
Surrogate: 4-Bromochlorobenzene-PID		*92.1 %*	*70-130*	*03/11/26*	*03/12/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2611084
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/11/26	03/12/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.8 %*	*70-130*	*03/11/26*	*03/12/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2611138
Diesel Range Organics (C10-C28)	ND	25.0	1	03/12/26	03/13/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/12/26	03/13/26	
Surrogate: n-Nonane		*107 %*	*61-141*	*03/12/26*	*03/13/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2611153
Chloride	**2990**	40.0	2	03/13/26	03/13/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/16/2026 1:36:04PM

BH15-11'

E603093-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2611084
Benzene	ND	0.0250	1	03/11/26	03/12/26	
Ethylbenzene	ND	0.0250	1	03/11/26	03/12/26	
Toluene	ND	0.0250	1	03/11/26	03/12/26	
o-Xylene	ND	0.0250	1	03/11/26	03/12/26	
p,m-Xylene	ND	0.0500	1	03/11/26	03/12/26	
Total Xylenes	ND	0.0250	1	03/11/26	03/12/26	
Surrogate: 4-Bromochlorobenzene-PID		*94.5 %*	*70-130*	*03/11/26*	*03/12/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2611084
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/11/26	03/12/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.0 %*	*70-130*	*03/11/26*	*03/12/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2611138
Diesel Range Organics (C10-C28)	ND	25.0	1	03/12/26	03/13/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/12/26	03/13/26	
Surrogate: n-Nonane		*105 %*	*61-141*	*03/12/26*	*03/13/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2611153
Chloride	**2960**	40.0	2	03/13/26	03/13/26	

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/16/2026 1:36:04PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2611084-BLK1)									Prepared: 03/11/26 Analyzed: 03/11/26
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.32*		*8.00*		*91.6*	*70-130*			
LCS (2611084-BS1)									Prepared: 03/11/26 Analyzed: 03/11/26
Benzene	3.89	0.0250	5.00		77.8	70-130			
Ethylbenzene	3.68	0.0250	5.00		73.5	70-130			
Toluene	3.81	0.0250	5.00		76.2	70-130			
o-Xylene	3.77	0.0250	5.00		75.4	70-130			
p,m-Xylene	7.57	0.0500	10.0		75.7	70-130			
Total Xylenes	11.3	0.0250	15.0		75.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.37*		*8.00*		*92.2*	*70-130*			
Matrix Spike (2611084-MS1)				**Source: E603106-04**					Prepared: 03/11/26 Analyzed: 03/11/26
Benzene	4.32	0.0250	5.00	ND	86.5	70-130			
Ethylbenzene	4.08	0.0250	5.00	ND	81.7	70-130			
Toluene	4.23	0.0250	5.00	ND	84.6	70-130			
o-Xylene	4.16	0.0250	5.00	ND	83.1	70-130			
p,m-Xylene	8.40	0.0500	10.0	ND	84.0	70-130			
Total Xylenes	12.6	0.0250	15.0	ND	83.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.27*		*8.00*		*90.8*	*70-130*			
Matrix Spike Dup (2611084-MSD1)				**Source: E603106-04**					Prepared: 03/11/26 Analyzed: 03/11/26
Benzene	4.47	0.0250	5.00	ND	89.5	70-130	3.44	27	
Ethylbenzene	4.24	0.0250	5.00	ND	84.7	70-130	3.67	26	
Toluene	4.38	0.0250	5.00	ND	87.6	70-130	3.50	20	
o-Xylene	4.34	0.0250	5.00	ND	86.8	70-130	4.39	25	
p,m-Xylene	8.70	0.0500	10.0	ND	87.0	70-130	3.50	23	
Total Xylenes	13.0	0.0250	15.0	ND	86.9	70-130	3.79	26	
Surrogate: 4-Bromochlorobenzene-PID	*7.53*		*8.00*		*94.1*	*70-130*			

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/16/2026 1:36:04PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2611084-BLK1)									Prepared: 03/11/26 Analyzed: 03/11/26
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.01*		*8.00*		*100*	*70-130*			
LCS (2611084-BS2)									Prepared: 03/11/26 Analyzed: 03/11/26
Gasoline Range Organics (C6-C10)	43.6	20.0	50.0		87.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.96*		*8.00*		*99.5*	*70-130*			
Matrix Spike (2611084-MS2)				**Source: E603106-04**					Prepared: 03/11/26 Analyzed: 03/11/26
Gasoline Range Organics (C6-C10)	39.5	20.0	50.0	ND	79.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.85*		*8.00*		*98.1*	*70-130*			
Matrix Spike Dup (2611084-MSD2)				**Source: E603106-04**					Prepared: 03/11/26 Analyzed: 03/11/26
Gasoline Range Organics (C6-C10)	45.1	20.0	50.0	ND	90.1	70-130	13.1	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.84*		*8.00*		*98.0*	*70-130*			

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/16/2026 1:36:04PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2611138-BLK1)									Prepared: 03/12/26 Analyzed: 03/12/26
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*51.7*		*50.0*		*103*	*61-141*			
LCS (2611138-BS1)									Prepared: 03/12/26 Analyzed: 03/12/26
Diesel Range Organics (C10-C28)	257	25.0	250		103	66-144			
Surrogate: n-Nonane	*48.4*		*50.0*		*96.7*	*61-141*			
Matrix Spike (2611138-MS1)				**Source: E603093-09**					Prepared: 03/12/26 Analyzed: 03/12/26
Diesel Range Organics (C10-C28)	275	25.0	250	ND	110	56-156			
Surrogate: n-Nonane	*51.4*		*50.0*		*103*	*61-141*			
Matrix Spike Dup (2611138-MSD1)				**Source: E603093-09**					Prepared: 03/12/26 Analyzed: 03/12/26
Diesel Range Organics (C10-C28)	262	25.0	250	ND	105	56-156	4.87	20	
Surrogate: n-Nonane	*49.2*		*50.0*		*98.4*	*61-141*			

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/16/2026 1:36:04PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2611153-BLK1)									Prepared: 03/13/26 Analyzed: 03/13/26
Chloride	ND	20.0							
LCS (2611153-BS1)									Prepared: 03/13/26 Analyzed: 03/13/26
Chloride	259	20.0	250		104	90-110			
Matrix Spike (2611153-MS1)				**Source: E603092-04**					Prepared: 03/13/26 Analyzed: 03/13/26
Chloride	622	20.0	250	276	138	80-120			M2
Matrix Spike Dup (2611153-MSD1)				**Source: E603092-04**					Prepared: 03/13/26 Analyzed: 03/13/26
Chloride	628	20.0	250	276	141	80-120	0.983	20	M2

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

Definitions and Notes

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	03/16/26 13:36

M2	Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 6/18/2026 4:05:00 PM
Received by OCD: 6/1/2026 12:05:31 PM

envirotech
Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: WPX Energy Permian, LLC	Company: WPX Energy Permian, LLC	Lab WO# E603093	Job Number 6405-0007	1D 2D 3D Std: X	NM: X CO UT TX
Project: Shepherd Dalmatian CTB	Address: 5315 Buena Vista Dr			
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: (575)689-7597			
City, State, Zip: Carlsbad NM, 88220	Email: jim.raley@dvn.com			
Phone: 575-988-0055	Miscellaneous: Jim Raley			
Email: agiovengo@ensolum.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
11:15	3/6/2026	S	1	BH15-0'		1									X			1.7	
11:16	3/6/2026	S	1	BH15-1'		2									X			1.3	
11:17	3/6/2026	S	1	BH15-2'		3									X			1.4	
11:18	3/6/2026	S	1	BH15-3'		4									X			1.6	
11:19	3/6/2026	S	1	BH15-4'		5									X			1.8	
11:22	3/6/2026	S	1	BH15-6'		6									X			1.0	
11:32	3/6/2026	S	1	BH15-7'		7									X			2.2	
11:38	3/6/2026	S	1	BH15-9'		8									X			2.1	
11:46	3/6/2026	S	1	BH15-11'		9									X			2.4	

Analysis and Method

EPA Program: SDWA | CWA | RCRA

Compliance: Y or N

PWSID #

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

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

Sampled by: Liane Linehan

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	3-9-26	7:15	Michelle Gonzales	3-9-26	0715
Michelle Gonzales	3-9-26	1415	Nathan Gonzales	3-9-26	1415
Nathan Gonzales	3-9-26	1800	Johnny Archuleta	3-9-26	1800
Johnny Archuleta	3-9-26	2200		3-10-26	0700

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only

Received on ice: (Y) N

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

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

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 3/10/2026 9:42:18AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	WPX Energy - Carlsbad	Date Received:	03/10/26 07:00	Work Order ID:	E603093
Phone:	(539) 573-4018	Date Logged In:	03/09/26 15:51	Logged In By:	Caitlin Mars
Email:	ashley.giovengo@wesominc.com	Due Date:	03/16/26 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes	
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filtration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

L-NS
R-CM

Client Instruction

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

Date

envirotech Inc.

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

WPX Energy - Carlsbad

Project Name:	Shepherd Dalmatian CTB
Work Order:	E603094
Job Number:	01058-0007
Received:	3/10/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/16/26

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: 3/16/26

Ashley Giovengo
5315 Buena Vista Dr
Carlsbad, NM 88220

Project Name: Shepherd Dalmatian CTB
Workorder: E603094
Date Received: 3/10/2026 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/10/2026 7:00:00AM, under the Project Name: Shepherd Dalmatian CTB.

The analytical test results summarized in this report with the Project Name: Shepherd Dalmatian CTB 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

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	03/16/26 08:35

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH18-0'	E603094-01A	Soil	03/06/26	03/10/26	Glass Jar, 2 oz.
BH18-1'	E603094-02A	Soil	03/06/26	03/10/26	Glass Jar, 2 oz.
BH18-2'	E603094-03A	Soil	03/06/26	03/10/26	Glass Jar, 2 oz.
BH18-3'	E603094-04A	Soil	03/06/26	03/10/26	Glass Jar, 2 oz.
BH18-4'	E603094-05A	Soil	03/06/26	03/10/26	Glass Jar, 2 oz.
BH18-5'	E603094-06A	Soil	03/06/26	03/10/26	Glass Jar, 2 oz.
BH18-6'	E603094-07A	Soil	03/06/26	03/10/26	Glass Jar, 2 oz.

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/16/2026 8:35:08AM

BH18-0'

E603094-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2611065
Benzene	ND	0.0250	1	03/10/26	03/12/26	
Ethylbenzene	ND	0.0250	1	03/10/26	03/12/26	
Toluene	ND	0.0250	1	03/10/26	03/12/26	
o-Xylene	ND	0.0250	1	03/10/26	03/12/26	
p,m-Xylene	ND	0.0500	1	03/10/26	03/12/26	
Total Xylenes	ND	0.0250	1	03/10/26	03/12/26	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*03/10/26*	*03/12/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2611065
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/26	03/12/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.6 %*	*70-130*	*03/10/26*	*03/12/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2611134
Diesel Range Organics (C10-C28)	ND	25.0	1	03/12/26	03/13/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/12/26	03/13/26	
Surrogate: n-Nonane		*112 %*	*61-141*	*03/12/26*	*03/13/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2611135
Chloride	**8050**	200	10	03/12/26	03/13/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/16/2026 8:35:08AM

BH18-1'

E603094-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2611065
Benzene	ND	0.0250	1	03/10/26	03/12/26	
Ethylbenzene	ND	0.0250	1	03/10/26	03/12/26	
Toluene	ND	0.0250	1	03/10/26	03/12/26	
o-Xylene	ND	0.0250	1	03/10/26	03/12/26	
p,m-Xylene	ND	0.0500	1	03/10/26	03/12/26	
Total Xylenes	ND	0.0250	1	03/10/26	03/12/26	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*03/10/26*	*03/12/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2611065
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/26	03/12/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.4 %*	*70-130*	*03/10/26*	*03/12/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2611134
Diesel Range Organics (C10-C28)	ND	25.0	1	03/12/26	03/13/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/12/26	03/13/26	
Surrogate: n-Nonane		*107 %*	*61-141*	*03/12/26*	*03/13/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2611135
Chloride	**1730**	200	10	03/12/26	03/13/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/16/2026 8:35:08AM

BH18-2'

E603094-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2611065
Benzene	ND	0.0250	1	03/10/26	03/12/26	
Ethylbenzene	ND	0.0250	1	03/10/26	03/12/26	
Toluene	ND	0.0250	1	03/10/26	03/12/26	
o-Xylene	ND	0.0250	1	03/10/26	03/12/26	
p,m-Xylene	ND	0.0500	1	03/10/26	03/12/26	
Total Xylenes	ND	0.0250	1	03/10/26	03/12/26	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*03/10/26*	*03/12/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2611065
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/26	03/12/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*98.9 %*	*70-130*	*03/10/26*	*03/12/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2611134
Diesel Range Organics (C10-C28)	ND	25.0	1	03/12/26	03/13/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/12/26	03/13/26	
Surrogate: n-Nonane		*110 %*	*61-141*	*03/12/26*	*03/13/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2611135
Chloride	**1010**	200	10	03/12/26	03/13/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/16/2026 8:35:08AM

BH18-3'

E603094-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2611065
Benzene	ND	0.0250	1	03/10/26	03/12/26	
Ethylbenzene	ND	0.0250	1	03/10/26	03/12/26	
Toluene	ND	0.0250	1	03/10/26	03/12/26	
o-Xylene	ND	0.0250	1	03/10/26	03/12/26	
p,m-Xylene	ND	0.0500	1	03/10/26	03/12/26	
Total Xylenes	ND	0.0250	1	03/10/26	03/12/26	
Surrogate: 4-Bromochlorobenzene-PID		*106 %*	*70-130*	*03/10/26*	*03/12/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2611065
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/26	03/12/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*98.3 %*	*70-130*	*03/10/26*	*03/12/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2611134
Diesel Range Organics (C10-C28)	ND	25.0	1	03/12/26	03/13/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/12/26	03/13/26	
Surrogate: n-Nonane		*111 %*	*61-141*	*03/12/26*	*03/13/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2611135
Chloride	**520**	20.0	1	03/12/26	03/13/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/16/2026 8:35:08AM

BH18-4'

E603094-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2611065
Benzene	ND	0.0250	1	03/10/26	03/12/26	
Ethylbenzene	ND	0.0250	1	03/10/26	03/12/26	
Toluene	ND	0.0250	1	03/10/26	03/12/26	
o-Xylene	ND	0.0250	1	03/10/26	03/12/26	
p,m-Xylene	ND	0.0500	1	03/10/26	03/12/26	
Total Xylenes	ND	0.0250	1	03/10/26	03/12/26	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*03/10/26*	*03/12/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2611065
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/26	03/12/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.8 %*	*70-130*	*03/10/26*	*03/12/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2611134
Diesel Range Organics (C10-C28)	ND	25.0	1	03/12/26	03/13/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/12/26	03/13/26	
Surrogate: n-Nonane		*116 %*	*61-141*	*03/12/26*	*03/13/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2611135
Chloride	**368**	20.0	1	03/12/26	03/13/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/16/2026 8:35:08AM

BH18-5'

E603094-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2611065
Benzene	ND	0.0250	1	03/10/26	03/12/26	
Ethylbenzene	ND	0.0250	1	03/10/26	03/12/26	
Toluene	ND	0.0250	1	03/10/26	03/12/26	
o-Xylene	ND	0.0250	1	03/10/26	03/12/26	
p,m-Xylene	ND	0.0500	1	03/10/26	03/12/26	
Total Xylenes	ND	0.0250	1	03/10/26	03/12/26	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*03/10/26*	*03/12/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2611065
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/26	03/12/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*98.5 %*	*70-130*	*03/10/26*	*03/12/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2611134
Diesel Range Organics (C10-C28)	ND	25.0	1	03/12/26	03/13/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/12/26	03/13/26	
Surrogate: n-Nonane		*112 %*	*61-141*	*03/12/26*	*03/13/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2611135
Chloride	**245**	20.0	1	03/12/26	03/13/26	

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/16/2026 8:35:08AM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2611065-BLK1)									Prepared: 03/10/26 Analyzed: 03/12/26
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*8.38*		*8.00*		*105*	*70-130*			
LCS (2611065-BS1)									Prepared: 03/10/26 Analyzed: 03/12/26
Benzene	4.82	0.0250	5.00		96.3	70-130			
Ethylbenzene	4.55	0.0250	5.00		91.0	70-130			
Toluene	4.71	0.0250	5.00		94.2	70-130			
o-Xylene	4.66	0.0250	5.00		93.1	70-130			
p,m-Xylene	9.26	0.0500	10.0		92.6	70-130			
Total Xylenes	13.9	0.0250	15.0		92.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.30*		*8.00*		*104*	*70-130*			
Matrix Spike (2611065-MS1)				**Source: E603094-04**					Prepared: 03/10/26 Analyzed: 03/12/26
Benzene	5.27	0.0250	5.00	ND	105	70-130			
Ethylbenzene	5.02	0.0250	5.00	ND	100	70-130			
Toluene	5.18	0.0250	5.00	ND	104	70-130			
o-Xylene	5.16	0.0250	5.00	ND	103	70-130			
p,m-Xylene	10.2	0.0500	10.0	ND	102	70-130			
Total Xylenes	15.4	0.0250	15.0	ND	103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.39*		*8.00*		*105*	*70-130*			
Matrix Spike Dup (2611065-MSD1)				**Source: E603094-04**					Prepared: 03/10/26 Analyzed: 03/12/26
Benzene	5.50	0.0250	5.00	ND	110	70-130	4.22	27	
Ethylbenzene	5.21	0.0250	5.00	ND	104	70-130	3.71	26	
Toluene	5.38	0.0250	5.00	ND	108	70-130	3.83	20	
o-Xylene	5.37	0.0250	5.00	ND	107	70-130	3.91	25	
p,m-Xylene	10.6	0.0500	10.0	ND	106	70-130	3.51	23	
Total Xylenes	15.9	0.0250	15.0	ND	106	70-130	3.65	26	
Surrogate: 4-Bromochlorobenzene-PID	*8.38*		*8.00*		*105*	*70-130*			

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/16/2026 8:35:08AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2611065-BLK1)									Prepared: 03/10/26 Analyzed: 03/12/26
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.87*		*8.00*		*98.4*	*70-130*			
LCS (2611065-BS2)									Prepared: 03/10/26 Analyzed: 03/12/26
Gasoline Range Organics (C6-C10)	46.6	20.0	50.0		93.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.94*		*8.00*		*99.2*	*70-130*			
Matrix Spike (2611065-MS2)				**Source: E603094-04**					Prepared: 03/10/26 Analyzed: 03/12/26
Gasoline Range Organics (C6-C10)	46.6	20.0	50.0	ND	93.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.99*		*8.00*		*99.9*	*70-130*			
Matrix Spike Dup (2611065-MSD2)				**Source: E603094-04**					Prepared: 03/10/26 Analyzed: 03/12/26
Gasoline Range Organics (C6-C10)	48.9	20.0	50.0	ND	97.8	70-130	4.78	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.88*		*8.00*		*98.5*	*70-130*			

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/16/2026 8:35:08AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2611134-BLK1)									Prepared: 03/12/26 Analyzed: 03/12/26
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*53.9*		*50.0*		*108*	*61-141*			
LCS (2611134-BS1)									Prepared: 03/12/26 Analyzed: 03/12/26
Diesel Range Organics (C10-C28)	270	25.0	250		108	66-144			
Surrogate: n-Nonane	*52.1*		*50.0*		*104*	*61-141*			
Matrix Spike (2611134-MS1)				**Source: E603081-48**					Prepared: 03/12/26 Analyzed: 03/12/26
Diesel Range Organics (C10-C28)	285	25.0	250	ND	114	56-156			
Surrogate: n-Nonane	*55.3*		*50.0*		*111*	*61-141*			
Matrix Spike Dup (2611134-MSD1)				**Source: E603081-48**					Prepared: 03/12/26 Analyzed: 03/12/26
Diesel Range Organics (C10-C28)	299	25.0	250	ND	120	56-156	4.89	20	
Surrogate: n-Nonane	*57.8*		*50.0*		*116*	*61-141*			

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/16/2026 8:35:08AM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2611135-BLK1)									Prepared: 03/12/26 Analyzed: 03/12/26
Chloride	ND	20.0							
LCS (2611135-BS1)									Prepared: 03/12/26 Analyzed: 03/12/26
Chloride	258	20.0	250		103	90-110			
Matrix Spike (2611135-MS1)				**Source: E603077-03**					Prepared: 03/12/26 Analyzed: 03/13/26
Chloride	1670	20.0	250	1450	84.7	80-120			
Matrix Spike Dup (2611135-MSD1)				**Source: E603077-03**					Prepared: 03/12/26 Analyzed: 03/13/26
Chloride	1900	20.0	250	1450	176	80-120	12.9	20	M4

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

Definitions and Notes

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	03/16/26 08:35

M4	Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 6/18/2026 4:05:00 PM
Received by OCD: 6/1/2026 12:05:31 PM

envirotech
Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: WPX Energy Permian, LLC	Company: WPX Energy Permian, LLC	Lab WO# E603094	1D 2D 3D Std	NM CO UT TX
Project: Shepherd Dalmatian CTB	Address: 5315 Buena Vista Dr	Job Number 01058-0007		X
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: (575)689-7597			
City, State, Zip: Carlsbad NM, 88220	Email: jim.raley@dvn.com			
Phone: 575-988-0055	Miscellaneous: Jim Raley			
Email: agiovengo@ensolum.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
12:04	3/6/2026	S	1	BH18-0'		1									X			2.3	
12:05	3/6/2026	S	1	BH18-1'		2									X			2.5	
12:15	3/6/2026	S	1	BH18-2'		3									X			2.2	
12:17	3/6/2026	S	1	BH18-3'		4									X			2.0	
12:19	3/6/2026	S	1	BH18-4'		5									X			1.7	
12:21	3/6/2026	S	1	BH18-5'		6									X			2.6	
12:23	3/6/2026	S	1	BH18-6'		7									X			2.9	RUN ONLY IF BH18-5' is >600 Cl or >100 TPH

Analysis and Method

EPA Program

SDWA | CWA | RCRA

Compliance Y or N

PWSID #

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

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

Sampled by: Liane Linehan

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	3-9-26	715	Michelle Gonzales	3-9-26	0715
Michelle Gonzales	3-9-26	1415	Nathan Gonzales	3-9-26	1415
Nathan Gonzales	3-9-26	1800	Johnny Archuleta	3-9-26	1800
Johnny Archuleta	3-9-26	2200		3-10-26	0700

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only

Received on ice: (Y) / N

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

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

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 3/10/2026 9:43:49AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	WPX Energy - Carlsbad	Date Received:	03/10/26 07:00	Work Order ID:	E603094
Phone:	(539) 573-4018	Date Logged In:	03/09/26 15:53	Logged In By:	Caitlin Mars
Email:	ashley.giovengo@wesominc.com	Due Date:	03/16/26 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes	
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filtration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

L-NS
R-CM

Client Instruction

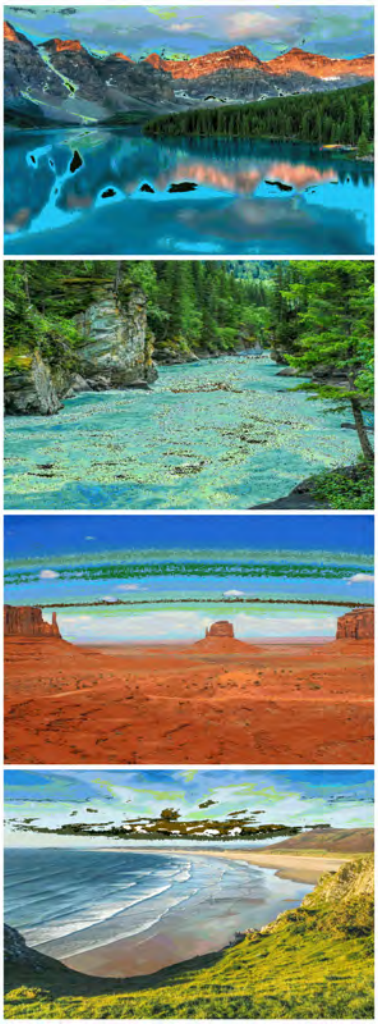
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Ashley Giovengo



5796 U.S. Hwy 64
Farmington, NM 87401

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Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

WPX Energy - Carlsbad

Project Name:	Shepherd Dalmatian CTB
Work Order:	E603294
Job Number:	01058-0007
Received:	3/26/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/1/26

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

Date Reported: 4/1/26

Ashley Giovengo
5315 Buena Vista Dr
Carlsbad, NM 88220

Project Name: Shepherd Dalmatian CTB
Workorder: E603294
Date Received: 3/26/2026 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/26/2026 8:00:00AM, under the Project Name: Shepherd Dalmatian CTB.

The analytical test results summarized in this report with the Project Name: Shepherd Dalmatian CTB 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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Cell: 775-287-1762
whinchman@envirotech-inc.com

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Sample Summary

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	04/01/26 11:58

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH13-0	E603294-01A	Soil	03/24/26	03/26/26	Glass Jar, 2 oz.
BH13-2	E603294-02A	Soil	03/24/26	03/26/26	Glass Jar, 2 oz.
BH13-4	E603294-03A	Soil	03/24/26	03/26/26	Glass Jar, 2 oz.
BH13-6	E603294-04A	Soil	03/24/26	03/26/26	Glass Jar, 2 oz.
BH13-8	E603294-05A	Soil	03/24/26	03/26/26	Glass Jar, 2 oz.
BH13-10	E603294-06A	Soil	03/24/26	03/26/26	Glass Jar, 2 oz.
BH13-12	E603294-07A	Soil	03/24/26	03/26/26	Glass Jar, 2 oz.
BH13-14	E603294-08A	Soil	03/24/26	03/26/26	Glass Jar, 2 oz.
BH13-16	E603294-09A	Soil	03/24/26	03/26/26	Glass Jar, 2 oz.
BH13-18	E603294-10A	Soil	03/24/26	03/26/26	Glass Jar, 2 oz.

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/1/2026 11:58:35AM

BH13-0

E603294-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2613095
Benzene	ND	0.0250	1	03/26/26	03/27/26	
Ethylbenzene	ND	0.0250	1	03/26/26	03/27/26	
Toluene	ND	0.0250	1	03/26/26	03/27/26	
o-Xylene	ND	0.0250	1	03/26/26	03/27/26	
p,m-Xylene	ND	0.0500	1	03/26/26	03/27/26	
Total Xylenes	ND	0.0250	1	03/26/26	03/27/26	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*03/26/26*	*03/27/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2613095
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/26/26	03/27/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*100 %*	*70-130*	*03/26/26*	*03/27/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB			Batch: 2613113
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/26	03/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/26	03/26/26	
Surrogate: n-Nonane		*99.5 %*	*61-141*	*03/26/26*	*03/26/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2613114
Chloride	**5240**	100	5	03/26/26	03/27/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/1/2026 11:58:35AM

BH13-2

E603294-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2613095
Benzene	ND	0.0250	1	03/26/26	03/27/26	
Ethylbenzene	ND	0.0250	1	03/26/26	03/27/26	
Toluene	ND	0.0250	1	03/26/26	03/27/26	
o-Xylene	ND	0.0250	1	03/26/26	03/27/26	
p,m-Xylene	ND	0.0500	1	03/26/26	03/27/26	
Total Xylenes	ND	0.0250	1	03/26/26	03/27/26	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*03/26/26*	*03/27/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2613095
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/26/26	03/27/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*99.7 %*	*70-130*	*03/26/26*	*03/27/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB			Batch: 2613113
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/26	03/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/26	03/26/26	
Surrogate: n-Nonane		*98.7 %*	*61-141*	*03/26/26*	*03/26/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2613114
Chloride	**2740**	100	5	03/26/26	03/27/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/1/2026 11:58:35AM

BH13-4

E603294-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2613095
Benzene	ND	0.0250	1	03/26/26	03/27/26	
Ethylbenzene	ND	0.0250	1	03/26/26	03/27/26	
Toluene	ND	0.0250	1	03/26/26	03/27/26	
o-Xylene	ND	0.0250	1	03/26/26	03/27/26	
p,m-Xylene	ND	0.0500	1	03/26/26	03/27/26	
Total Xylenes	ND	0.0250	1	03/26/26	03/27/26	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*03/26/26*	*03/27/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2613095
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/26/26	03/27/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*	*70-130*	*03/26/26*	*03/27/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB			Batch: 2613113
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/26	03/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/26	03/26/26	
Surrogate: n-Nonane		*98.6 %*	*61-141*	*03/26/26*	*03/26/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2613114
Chloride	**4220**	100	5	03/26/26	03/27/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/1/2026 11:58:35AM

BH13-6

E603294-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2613095
Benzene	ND	0.0250	1	03/26/26	03/27/26	
Ethylbenzene	ND	0.0250	1	03/26/26	03/27/26	
Toluene	ND	0.0250	1	03/26/26	03/27/26	
o-Xylene	ND	0.0250	1	03/26/26	03/27/26	
p,m-Xylene	ND	0.0500	1	03/26/26	03/27/26	
Total Xylenes	ND	0.0250	1	03/26/26	03/27/26	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*03/26/26*	*03/27/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2613095
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/26/26	03/27/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*102 %*	*70-130*	*03/26/26*	*03/27/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB			Batch: 2613113
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/26	03/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/26	03/26/26	
Surrogate: n-Nonane		*100 %*	*61-141*	*03/26/26*	*03/26/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2613114
Chloride	**5670**	100	5	03/26/26	03/27/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/1/2026 11:58:35AM

BH13-8

E603294-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2613095
Benzene	ND	0.0250	1	03/26/26	03/27/26	
Ethylbenzene	ND	0.0250	1	03/26/26	03/27/26	
Toluene	ND	0.0250	1	03/26/26	03/27/26	
o-Xylene	ND	0.0250	1	03/26/26	03/27/26	
p,m-Xylene	ND	0.0500	1	03/26/26	03/27/26	
Total Xylenes	ND	0.0250	1	03/26/26	03/27/26	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*03/26/26*	*03/27/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2613095
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/26/26	03/27/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*99.8 %*	*70-130*	*03/26/26*	*03/27/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB			Batch: 2613113
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/26	03/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/26	03/26/26	
Surrogate: n-Nonane		*99.6 %*	*61-141*	*03/26/26*	*03/26/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2613114
Chloride	**8160**	100	5	03/26/26	03/27/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/1/2026 11:58:35AM

BH13-10

E603294-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2613095
Benzene	ND	0.0250	1	03/26/26	03/27/26	
Ethylbenzene	ND	0.0250	1	03/26/26	03/27/26	
Toluene	ND	0.0250	1	03/26/26	03/27/26	
o-Xylene	ND	0.0250	1	03/26/26	03/27/26	
p,m-Xylene	ND	0.0500	1	03/26/26	03/27/26	
Total Xylenes	ND	0.0250	1	03/26/26	03/27/26	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*03/26/26*	*03/27/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2613095
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/26/26	03/27/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*	*70-130*	*03/26/26*	*03/27/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB			Batch: 2613113
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/26	03/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/26	03/26/26	
Surrogate: n-Nonane		*104 %*	*61-141*	*03/26/26*	*03/26/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2613114
Chloride	**7710**	100	5	03/26/26	03/27/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/1/2026 11:58:35AM

BH13-12

E603294-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2613095
Benzene	ND	0.0250	1	03/26/26	03/27/26	
Ethylbenzene	ND	0.0250	1	03/26/26	03/27/26	
Toluene	ND	0.0250	1	03/26/26	03/27/26	
o-Xylene	ND	0.0250	1	03/26/26	03/27/26	
p,m-Xylene	ND	0.0500	1	03/26/26	03/27/26	
Total Xylenes	ND	0.0250	1	03/26/26	03/27/26	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*03/26/26*	*03/27/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2613095
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/26/26	03/27/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*99.9 %*	*70-130*	*03/26/26*	*03/27/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB			Batch: 2613113
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/26	03/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/26	03/26/26	
Surrogate: n-Nonane		*102 %*	*61-141*	*03/26/26*	*03/26/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2613114
Chloride	**6640**	100	5	03/26/26	03/27/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/1/2026 11:58:35AM

BH13-14

E603294-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2613095
Benzene	ND	0.0250	1	03/26/26	03/27/26	
Ethylbenzene	ND	0.0250	1	03/26/26	03/27/26	
Toluene	ND	0.0250	1	03/26/26	03/27/26	
o-Xylene	ND	0.0250	1	03/26/26	03/27/26	
p,m-Xylene	ND	0.0500	1	03/26/26	03/27/26	
Total Xylenes	ND	0.0250	1	03/26/26	03/27/26	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*03/26/26*	*03/27/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2613095
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/26/26	03/27/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*99.9 %*	*70-130*	*03/26/26*	*03/27/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB			Batch: 2613113
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/26	03/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/26	03/27/26	
Surrogate: n-Nonane		*97.6 %*	*61-141*	*03/26/26*	*03/27/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2613114
Chloride	**4460**	40.0	2	03/26/26	03/27/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/1/2026 11:58:35AM

BH13-16

E603294-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2613095
Benzene	ND	0.0250	1	03/26/26	03/27/26	
Ethylbenzene	ND	0.0250	1	03/26/26	03/27/26	
Toluene	ND	0.0250	1	03/26/26	03/27/26	
o-Xylene	ND	0.0250	1	03/26/26	03/27/26	
p,m-Xylene	ND	0.0500	1	03/26/26	03/27/26	
Total Xylenes	ND	0.0250	1	03/26/26	03/27/26	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*03/26/26*	*03/27/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2613095
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/26/26	03/27/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*99.3 %*	*70-130*	*03/26/26*	*03/27/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB			Batch: 2613113
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/26	03/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/26	03/27/26	
Surrogate: n-Nonane		*101 %*	*61-141*	*03/26/26*	*03/27/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2613114
Chloride	**2980**	40.0	2	03/26/26	03/27/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/1/2026 11:58:35AM

BH13-18

E603294-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2613095
Benzene	ND	0.0250	1	03/26/26	03/27/26	
Ethylbenzene	ND	0.0250	1	03/26/26	03/27/26	
Toluene	ND	0.0250	1	03/26/26	03/27/26	
o-Xylene	ND	0.0250	1	03/26/26	03/27/26	
p,m-Xylene	ND	0.0500	1	03/26/26	03/27/26	
Total Xylenes	ND	0.0250	1	03/26/26	03/27/26	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*03/26/26*	*03/27/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2613095
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/26/26	03/27/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*99.8 %*	*70-130*	*03/26/26*	*03/27/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB			Batch: 2613113
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/26	03/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/26	03/27/26	
Surrogate: n-Nonane		*97.5 %*	*61-141*	*03/26/26*	*03/27/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2613114
Chloride	**2580**	40.0	2	03/26/26	03/27/26	

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/1/2026 11:58:35AM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2613095-BLK1)									Prepared: 03/26/26 Analyzed: 03/27/26
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*8.17*		*8.00*		*102*	*70-130*			
LCS (2613095-BS1)									Prepared: 03/26/26 Analyzed: 03/27/26
Benzene	4.77	0.0250	5.00		95.4	70-130			
Ethylbenzene	4.52	0.0250	5.00		90.5	70-130			
Toluene	4.67	0.0250	5.00		93.4	70-130			
o-Xylene	4.60	0.0250	5.00		92.0	70-130			
p,m-Xylene	9.24	0.0500	10.0		92.4	70-130			
Total Xylenes	13.8	0.0250	15.0		92.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.24*		*8.00*		*103*	*70-130*			
Matrix Spike (2613095-MS1)				**Source: E603294-08**					Prepared: 03/26/26 Analyzed: 03/27/26
Benzene	4.75	0.0250	5.00	ND	95.0	70-130			
Ethylbenzene	4.48	0.0250	5.00	ND	89.6	70-130			
Toluene	4.64	0.0250	5.00	ND	92.8	70-130			
o-Xylene	4.55	0.0250	5.00	ND	91.0	70-130			
p,m-Xylene	9.13	0.0500	10.0	ND	91.3	70-130			
Total Xylenes	13.7	0.0250	15.0	ND	91.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.05*		*8.00*		*101*	*70-130*			
Matrix Spike Dup (2613095-MSD1)				**Source: E603294-08**					Prepared: 03/26/26 Analyzed: 03/27/26
Benzene	4.22	0.0250	5.00	ND	84.3	70-130	11.9	20	
Ethylbenzene	3.99	0.0250	5.00	ND	79.8	70-130	11.6	20	
Toluene	4.12	0.0250	5.00	ND	82.5	70-130	11.8	20	
o-Xylene	4.06	0.0250	5.00	ND	81.3	70-130	11.2	20	
p,m-Xylene	8.16	0.0500	10.0	ND	81.6	70-130	11.3	20	
Total Xylenes	12.2	0.0250	15.0	ND	81.5	70-130	11.2	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.91*		*8.00*		*98.9*	*70-130*			

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/1/2026 11:58:35AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2613095-BLK1)									Prepared: 03/26/26 Analyzed: 03/27/26
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.12*		*8.00*		*101*	*70-130*			
LCS (2613095-BS2)									Prepared: 03/26/26 Analyzed: 03/27/26
Gasoline Range Organics (C6-C10)	48.9	20.0	50.0		97.8	62-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.20*		*8.00*		*103*	*70-130*			
Matrix Spike (2613095-MS2)				**Source: E603294-08**					Prepared: 03/26/26 Analyzed: 03/27/26
Gasoline Range Organics (C6-C10)	47.6	20.0	50.0	ND	95.1	60-137			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.07*		*8.00*		*101*	*70-130*			
Matrix Spike Dup (2613095-MSD2)				**Source: E603294-08**					Prepared: 03/26/26 Analyzed: 03/27/26
Gasoline Range Organics (C6-C10)	47.5	20.0	50.0	ND	95.1	60-137	0.0863	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.17*		*8.00*		*102*	*70-130*			

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/1/2026 11:58:35AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: CJB

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2613113-BLK1)									Prepared: 03/26/26 Analyzed: 03/26/26
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*48.3*		*50.0*		*96.6*	*61-141*			
LCS (2613113-BS1)									Prepared: 03/26/26 Analyzed: 03/26/26
Diesel Range Organics (C10-C28)	252	25.0	250		101	66-144			
Surrogate: n-Nonane	*47.9*		*50.0*		*95.8*	*61-141*			
Matrix Spike (2613113-MS1)				**Source: E603294-10**					Prepared: 03/26/26 Analyzed: 03/26/26
Diesel Range Organics (C10-C28)	274	25.0	250	ND	110	56-156			
Surrogate: n-Nonane	*50.2*		*50.0*		*100*	*61-141*			
Matrix Spike Dup (2613113-MSD1)				**Source: E603294-10**					Prepared: 03/26/26 Analyzed: 03/26/26
Diesel Range Organics (C10-C28)	274	25.0	250	ND	109	56-156	0.152	20	
Surrogate: n-Nonane	*50.7*		*50.0*		*101*	*61-141*			

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/1/2026 11:58:35AM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2613114-BLK1)									Prepared: 03/26/26 Analyzed: 03/26/26
Chloride	ND	20.0							
LCS (2613114-BS1)									Prepared: 03/26/26 Analyzed: 03/26/26
Chloride	264	20.0	250		106	90-110			
Matrix Spike (2613114-MS1)				**Source: E603294-01**					Prepared: 03/26/26 Analyzed: 03/27/26
Chloride	4930	100	250	5240	NR	80-120			M4
Matrix Spike Dup (2613114-MSD1)				**Source: E603294-01**					Prepared: 03/26/26 Analyzed: 03/27/26
Chloride	4940	100	250	5240	NR	80-120	0.151	20	M4

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

Definitions and Notes

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	04/01/26 11:58

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.

Released to Imaging: 6/18/2026 4:05:00 PM
Received by OCD: 6/1/2026 12:05:31 PM

envirotech
Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: WPX Energy	Company: Devon Energy	Lab WO# E603294	1D 2D 3D Std	NM CO UT TX
Project: Shepherd Dalmatian CTB	Address: 5315 Buena Vista Dr	Job Number 01058.0007	X	X
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: (575)689-7597			
City, State, Zip: Carlsbad NM, 88220	Email: jim.raley@dvn.com			
Phone: 575-988-0055	Miscellaneous: Jim Raley			
Email: agiovengo@ensolum.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	Sample Temp	Remarks
0924	3/24/2026	S	1	BH13-0		1								X		3.6	
0951	3/24/2026	S	1	BH13-2		2								X		3.9	
1018	3/24/2026	S	1	BH13-4		3								X		3.7	
1052	3/24/2026	S	1	BH13-6		4								X		2.3	
1139	3/24/2026	S	1	BH13-8		5								X		2.5	
1155	3/24/2026	S	1	BH13-10		6								X		3.4	
1322	3/24/2026	S	1	BH13-12		7								X		2.3	
1411	3/24/2026	S	1	BH13-14		8								X		2.9	
1523	3/24/2026	S	1	BH13-16		9								X		4.4	
1651	3/24/2026	S	1	BH13-18		10								X		2.7	

Analysis and Method

EPA Program

SDWA | CWA | RCRA

Compliance Y or N

PWSID #

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

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

Sampled by: Eric Plugge

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	3.25.26	711	Michelle Gonzales	3.25.26	0711
Michelle Gonzales	3.25.26	1600	Marissa Gonzales	3.25.26	1600
Marissa Gonzales	3.25.26	2015	Johnny Archuleta	3.25.26	2015
Johnny Archuleta	3.25.26	0015	Cauth Mann	3.26.26	800
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only

Received on ice: (Y) N

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

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 3/26/2026 10:17:40AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	WPX Energy - Carlsbad	Date Received:	03/26/26 08:00	Work Order ID:	E603294
Phone:	(539) 573-4018	Date Logged In:	03/25/26 16:38	Logged In By:	Caitlin Mars
Email:	ashley.giovengo@wesominc.com	Due Date:	04/01/26 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes	
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filtration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

L-NS
R-CM

Client Instruction

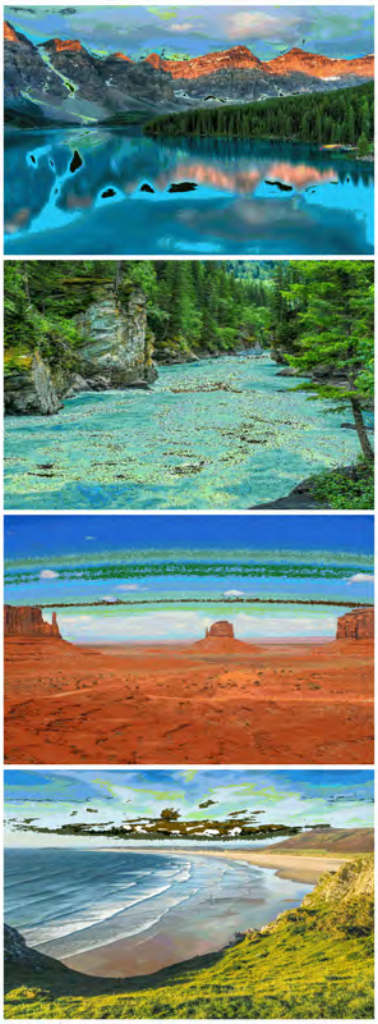
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

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

WPX Energy - Carlsbad

Project Name:	Shepherd Dalmatian CTB
Work Order:	E603323
Job Number:	01058-0007
Received:	3/27/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/1/26

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

Date Reported: 4/1/26

Ashley Giovengo
5315 Buena Vista Dr
Carlsbad, NM 88220

Project Name: Shepherd Dalmatian CTB
Workorder: E603323
Date Received: 3/27/2026 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/27/2026 8:00:00AM, under the Project Name: Shepherd Dalmatian CTB.

The analytical test results summarized in this report with the Project Name: Shepherd Dalmatian CTB 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

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	04/01/26 12:27

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH16-0	E603323-01A	Soil	03/25/26	03/27/26	Glass Jar, 2 oz.
BH16-1	E603323-02A	Soil	03/25/26	03/27/26	Glass Jar, 2 oz.
BH19-0	E603323-03A	Soil	03/25/26	03/27/26	Glass Jar, 2 oz.
BH19-1	E603323-04A	Soil	03/25/26	03/27/26	Glass Jar, 2 oz.
BH19-2	E603323-05A	Soil	03/25/26	03/27/26	Glass Jar, 2 oz.
BH19-3	E603323-06A	Soil	03/25/26	03/27/26	Glass Jar, 2 oz.
BH19-4	E603323-07A	Soil	03/25/26	03/27/26	Glass Jar, 2 oz.
BH19-5	E603323-08A	Soil	03/25/26	03/27/26	Glass Jar, 2 oz.

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/1/2026 12:27:17PM

BH16-0

E603323-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2613130
Benzene	ND	0.0250	1	03/27/26	03/28/26	
Ethylbenzene	ND	0.0250	1	03/27/26	03/28/26	
Toluene	ND	0.0250	1	03/27/26	03/28/26	
o-Xylene	ND	0.0250	1	03/27/26	03/28/26	
p,m-Xylene	ND	0.0500	1	03/27/26	03/28/26	
Total Xylenes	ND	0.0250	1	03/27/26	03/28/26	
Surrogate: 4-Bromochlorobenzene-PID		*89.7 %*	*70-130*	*03/27/26*	*03/28/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2613130
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/27/26	03/28/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.1 %*	*70-130*	*03/27/26*	*03/28/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2613145
Diesel Range Organics (C10-C28)	ND	25.0	1	03/30/26	03/31/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/30/26	03/31/26	
Surrogate: n-Nonane		*107 %*	*69-135*	*03/30/26*	*03/31/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2613150
Chloride	**1190**	200	10	03/27/26	03/27/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/1/2026 12:27:17PM

BH16-1

E603323-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2613130
Benzene	ND	0.0250	1	03/27/26	03/28/26	
Ethylbenzene	ND	0.0250	1	03/27/26	03/28/26	
Toluene	ND	0.0250	1	03/27/26	03/28/26	
o-Xylene	ND	0.0250	1	03/27/26	03/28/26	
p,m-Xylene	ND	0.0500	1	03/27/26	03/28/26	
Total Xylenes	ND	0.0250	1	03/27/26	03/28/26	
Surrogate: 4-Bromochlorobenzene-PID		*89.1 %*	*70-130*	*03/27/26*	*03/28/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2613130
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/27/26	03/28/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.2 %*	*70-130*	*03/27/26*	*03/28/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2613145
Diesel Range Organics (C10-C28)	ND	25.0	1	03/30/26	03/31/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/30/26	03/31/26	
Surrogate: n-Nonane		*108 %*	*69-135*	*03/30/26*	*03/31/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2613150
Chloride	**469**	40.0	2	03/27/26	03/28/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/1/2026 12:27:17PM

BH19-0

E603323-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2613130
Benzene	ND	0.0250	1	03/27/26	03/28/26	
Ethylbenzene	ND	0.0250	1	03/27/26	03/28/26	
Toluene	ND	0.0250	1	03/27/26	03/28/26	
o-Xylene	ND	0.0250	1	03/27/26	03/28/26	
p,m-Xylene	ND	0.0500	1	03/27/26	03/28/26	
Total Xylenes	ND	0.0250	1	03/27/26	03/28/26	
Surrogate: 4-Bromochlorobenzene-PID		*88.9 %*	*70-130*	*03/27/26*	*03/28/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2613130
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/27/26	03/28/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.6 %*	*70-130*	*03/27/26*	*03/28/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2613145
Diesel Range Organics (C10-C28)	ND	25.0	1	03/30/26	03/31/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/30/26	03/31/26	
Surrogate: n-Nonane		*108 %*	*69-135*	*03/30/26*	*03/31/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2613150
Chloride	**1030**	200	10	03/27/26	03/28/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/1/2026 12:27:17PM

BH19-1

E603323-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2613130
Benzene	ND	0.0250	1	03/27/26	03/28/26	
Ethylbenzene	ND	0.0250	1	03/27/26	03/28/26	
Toluene	ND	0.0250	1	03/27/26	03/28/26	
o-Xylene	ND	0.0250	1	03/27/26	03/28/26	
p,m-Xylene	ND	0.0500	1	03/27/26	03/28/26	
Total Xylenes	ND	0.0250	1	03/27/26	03/28/26	
Surrogate: 4-Bromochlorobenzene-PID		*87.9 %*	*70-130*	*03/27/26*	*03/28/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2613130
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/27/26	03/28/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.8 %*	*70-130*	*03/27/26*	*03/28/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2613145
Diesel Range Organics (C10-C28)	ND	25.0	1	03/30/26	03/31/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/30/26	03/31/26	
Surrogate: n-Nonane		*107 %*	*69-135*	*03/30/26*	*03/31/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2613150
Chloride	**424**	100	5	03/27/26	03/27/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/1/2026 12:27:17PM

BH19-2

E603323-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2613130
Benzene	ND	0.0250	1	03/27/26	03/28/26	
Ethylbenzene	ND	0.0250	1	03/27/26	03/28/26	
Toluene	ND	0.0250	1	03/27/26	03/28/26	
o-Xylene	ND	0.0250	1	03/27/26	03/28/26	
p,m-Xylene	ND	0.0500	1	03/27/26	03/28/26	
Total Xylenes	ND	0.0250	1	03/27/26	03/28/26	
Surrogate: 4-Bromochlorobenzene-PID		*88.3 %*	*70-130*	*03/27/26*	*03/28/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2613130
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/27/26	03/28/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.4 %*	*70-130*	*03/27/26*	*03/28/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2613145
Diesel Range Organics (C10-C28)	ND	25.0	1	03/30/26	03/31/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/30/26	03/31/26	
Surrogate: n-Nonane		*108 %*	*69-135*	*03/30/26*	*03/31/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2613150
Chloride	**272**	200	10	03/27/26	03/28/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/1/2026 12:27:17PM

BH19-3

E603323-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2613130
Benzene	ND	0.0250	1	03/27/26	03/28/26	
Ethylbenzene	ND	0.0250	1	03/27/26	03/28/26	
Toluene	ND	0.0250	1	03/27/26	03/28/26	
o-Xylene	ND	0.0250	1	03/27/26	03/28/26	
p,m-Xylene	ND	0.0500	1	03/27/26	03/28/26	
Total Xylenes	ND	0.0250	1	03/27/26	03/28/26	
Surrogate: 4-Bromochlorobenzene-PID		*85.0 %*	*70-130*	*03/27/26*	*03/28/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2613130
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/27/26	03/28/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*99.2 %*	*70-130*	*03/27/26*	*03/28/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2613145
Diesel Range Organics (C10-C28)	ND	25.0	1	03/30/26	03/31/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/30/26	03/31/26	
Surrogate: n-Nonane		*110 %*	*69-135*	*03/30/26*	*03/31/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2613150
Chloride	**206**	40.0	2	03/27/26	03/28/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/1/2026 12:27:17PM

BH19-4

E603323-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2613130
Benzene	ND	0.0250	1	03/27/26	03/28/26	
Ethylbenzene	ND	0.0250	1	03/27/26	03/28/26	
Toluene	ND	0.0250	1	03/27/26	03/28/26	
o-Xylene	ND	0.0250	1	03/27/26	03/28/26	
p,m-Xylene	ND	0.0500	1	03/27/26	03/28/26	
Total Xylenes	ND	0.0250	1	03/27/26	03/28/26	
Surrogate: 4-Bromochlorobenzene-PID		*87.9 %*	*70-130*	*03/27/26*	*03/28/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2613130
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/27/26	03/28/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.4 %*	*70-130*	*03/27/26*	*03/28/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2613145
Diesel Range Organics (C10-C28)	ND	25.0	1	03/30/26	03/31/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/30/26	03/31/26	
Surrogate: n-Nonane		*106 %*	*69-135*	*03/30/26*	*03/31/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2613150
Chloride	**161**	100	5	03/27/26	03/28/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/1/2026 12:27:17PM

BH19-5

E603323-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2613130
Benzene	ND	0.0250	1	03/27/26	03/28/26	
Ethylbenzene	ND	0.0250	1	03/27/26	03/28/26	
Toluene	ND	0.0250	1	03/27/26	03/28/26	
o-Xylene	ND	0.0250	1	03/27/26	03/28/26	
p,m-Xylene	ND	0.0500	1	03/27/26	03/28/26	
Total Xylenes	ND	0.0250	1	03/27/26	03/28/26	
Surrogate: 4-Bromochlorobenzene-PID		*88.8 %*	*70-130*	*03/27/26*	*03/28/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2613130
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/27/26	03/28/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.2 %*	*70-130*	*03/27/26*	*03/28/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2613145
Diesel Range Organics (C10-C28)	ND	25.0	1	03/30/26	03/31/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/30/26	03/31/26	
Surrogate: n-Nonane		*99.8 %*	*69-135*	*03/30/26*	*03/31/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2613150
Chloride	**100**	20.0	1	03/27/26	03/28/26	

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/1/2026 12:27:17PM

Volatile Organics by EPA 8021B

Analyst: MB

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2613130-BLK1)									Prepared: 03/27/26 Analyzed: 03/28/26
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*6.93*		*8.00*		*86.6*	*70-130*			
LCS (2613130-BS1)									Prepared: 03/27/26 Analyzed: 03/28/26
Benzene	4.46	0.0250	5.00		89.1	70-130			
Ethylbenzene	4.12	0.0250	5.00		82.3	70-130			
Toluene	4.36	0.0250	5.00		87.2	70-130			
o-Xylene	4.17	0.0250	5.00		83.5	70-130			
p,m-Xylene	8.44	0.0500	10.0		84.4	70-130			
Total Xylenes	12.6	0.0250	15.0		84.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.19*		*8.00*		*89.9*	*70-130*			
Matrix Spike (2613130-MS1)				**Source: E603323-08**					Prepared: 03/27/26 Analyzed: 03/28/26
Benzene	4.74	0.0250	5.00	ND	94.7	70-130			
Ethylbenzene	4.40	0.0250	5.00	ND	88.0	70-130			
Toluene	4.67	0.0250	5.00	ND	93.4	70-130			
o-Xylene	4.44	0.0250	5.00	ND	88.9	70-130			
p,m-Xylene	9.01	0.0500	10.0	ND	90.1	70-130			
Total Xylenes	13.4	0.0250	15.0	ND	89.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.43*		*8.00*		*92.8*	*70-130*			
Matrix Spike Dup (2613130-MSD1)				**Source: E603323-08**					Prepared: 03/27/26 Analyzed: 03/28/26
Benzene	4.98	0.0250	5.00	ND	99.7	70-130	5.08	20	
Ethylbenzene	4.63	0.0250	5.00	ND	92.6	70-130	5.08	20	
Toluene	4.91	0.0250	5.00	ND	98.3	70-130	5.09	20	
o-Xylene	4.67	0.0250	5.00	ND	93.4	70-130	5.01	20	
p,m-Xylene	9.47	0.0500	10.0	ND	94.7	70-130	5.03	20	
Total Xylenes	14.1	0.0250	15.0	ND	94.3	70-130	5.02	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.26*		*8.00*		*90.8*	*70-130*			

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/1/2026 12:27:17PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: MB

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2613130-BLK1)									Prepared: 03/27/26 Analyzed: 03/28/26
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.37*		*8.00*		*92.1*	*70-130*			
LCS (2613130-BS2)									Prepared: 03/27/26 Analyzed: 03/28/26
Gasoline Range Organics (C6-C10)	48.8	20.0	50.0		97.6	62-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.44*		*8.00*		*93.0*	*70-130*			
Matrix Spike (2613130-MS2)				**Source: E603323-08**					Prepared: 03/27/26 Analyzed: 03/28/26
Gasoline Range Organics (C6-C10)	55.3	20.0	50.0	ND	111	60-137			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.43*		*8.00*		*92.9*	*70-130*			
Matrix Spike Dup (2613130-MSD2)				**Source: E603323-08**					Prepared: 03/27/26 Analyzed: 03/28/26
Gasoline Range Organics (C6-C10)	50.9	20.0	50.0	ND	102	60-137	8.26	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.45*		*8.00*		*93.1*	*70-130*			

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/1/2026 12:27:17PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2613145-BLK1)									Prepared: 03/30/26 Analyzed: 03/30/26
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*55.4*		*50.0*		*111*	*69-135*			
LCS (2613145-BS1)									Prepared: 03/30/26 Analyzed: 03/30/26
Diesel Range Organics (C10-C28)	280	25.0	250		112	70-131			
Surrogate: n-Nonane	*53.1*		*50.0*		*106*	*69-135*			
Matrix Spike (2613145-MS1)				**Source: E603321-01**					Prepared: 03/30/26 Analyzed: 03/30/26
Diesel Range Organics (C10-C28)	292	25.0	250	ND	117	62-151			
Surrogate: n-Nonane	*53.3*		*50.0*		*107*	*69-135*			
Matrix Spike Dup (2613145-MSD1)				**Source: E603321-01**					Prepared: 03/30/26 Analyzed: 03/30/26
Diesel Range Organics (C10-C28)	286	25.0	250	ND	114	62-151	2.10	20	
Surrogate: n-Nonane	*52.9*		*50.0*		*106*	*69-135*			

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/1/2026 12:27:17PM

Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2613150-BLK1)									Prepared: 03/27/26 Analyzed: 03/27/26
Chloride	ND	20.0							
LCS (2613150-BS1)									Prepared: 03/27/26 Analyzed: 03/27/26
Chloride	262	20.0	250		105	90-110			
Matrix Spike (2613150-MS1)				**Source: E603323-04**					Prepared: 03/27/26 Analyzed: 03/27/26
Chloride	653	100	250	424	91.8	80-120			
Matrix Spike Dup (2613150-MSD1)				**Source: E603323-04**					Prepared: 03/27/26 Analyzed: 03/27/26
Chloride	630	100	250	424	82.5	80-120	3.62	20	

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

Definitions and Notes

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	04/01/26 12:27

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 6/18/2026 4:05:00 PM
Received by OCD: 6/1/2026 12:05:31 PM

envirotech
Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: WPX Energy	Company: Devon Energy	Lab WO# E603323	1D 2D 3D Std	NM CO UT TX
Project: Shepherd Dalmatian CTB	Address: 5315 Buena Vista Dr	Job Number 01058-0007	X	X
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: (575)689-7597			
City, State, Zip: Carlsbad NM, 88220	Email: jim.raley@dvn.com			
Phone: 575-988-0055	Miscellaneous: Jim Raley			
Email: agiovengo@ensolum.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
0853	3/25/2026	S	1	BH16-0		1									X			2.7	
0900	3/25/2026	S	1	BH16-1		2									X			2.3	
1015	3/25/2026	S	1	BH19-0		3									X			2.3	
1020	3/25/2026	S	1	BH19-1		4									X			1.9	
1026	3/25/2026	S	1	BH19-2		5									X			2.5	
1100	3/25/2026	S	1	BH19-3		6									X			2.5	
1114	3/25/2026	S	1	BH19-4		7									X			2.7	
1200	3/25/2026	S	1	BH19-5		8									X			1.6	

Analysis and Method

EPA Program: SDWA | CWA | RCRA

Compliance Y or N

PWSID #

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

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

Sampled by: Eric Plugge

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	3/25/26	14:14	Michelle Gonzales	3.26.26	0711
Michelle Gonzales	3.26.26	1500	~~Marissa Gonzales~~	3.26.26	
~~Marissa Gonzales~~	3.26.26	→	Nathan Gonzales	3.26.26	1500
Nathan Gonzales	3.26.26	1830	Johnny Archuleta	3.26.26	1830
Johnny Archuleta	3.26.26	2250	Cruth Mar	3.27.26	800

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only
Received on ice: (Y) N

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

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

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 3/27/2026 10:49:50AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	WPX Energy - Carlsbad	Date Received:	03/27/26 08:00	Work Order ID:	E603323
Phone:	(539) 573-4018	Date Logged In:	03/26/26 15:20	Logged In By:	Caitlin Mars
Email:	ashley.giovengo@wesominc.com	Due Date:	04/02/26 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes	
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.		

Comments/Resolution

L-CM
R-NS

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filtration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Client Instruction

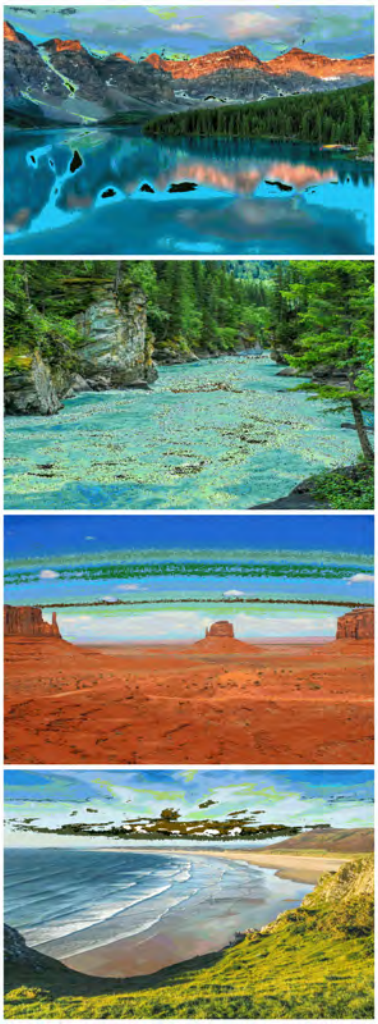
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Ashley Urzedo



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

WPX Energy - Carlsbad

Project Name:	Shepherd Dalmatian CTB
Work Order:	E605069
Job Number:	01058-0007
Received:	5/8/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/14/26

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

Date Reported: 5/14/26

Ashley Urzedo
5315 Buena Vista Dr
Carlsbad, NM 88220

Project Name: Shepherd Dalmatian CTB
Workorder: E605069
Date Received: 5/8/2026 7:30:00AM

Ashley Urzedo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/8/2026 7:30:00AM, under the Project Name: Shepherd Dalmatian CTB.

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

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
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mgonzales@envirotech-inc.com

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Sample Summary

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Urzedo	05/14/26 12:04

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH20-0	E605069-01A	Soil	05/06/26	05/08/26	Glass Jar, 2 oz.
BH20-1	E605069-02A	Soil	05/06/26	05/08/26	Glass Jar, 2 oz.
BH20-2	E605069-03A	Soil	05/06/26	05/08/26	Glass Jar, 2 oz.
BH20-3	E605069-04A	Soil	05/06/26	05/08/26	Glass Jar, 2 oz.
BH20-4	E605069-05A	Soil	05/06/26	05/08/26	Glass Jar, 2 oz.
BH21-0	E605069-06A	Soil	05/06/26	05/08/26	Glass Jar, 2 oz.
BH21-1	E605069-07A	Soil	05/06/26	05/08/26	Glass Jar, 2 oz.
BH21-2	E605069-08A	Soil	05/06/26	05/08/26	Glass Jar, 2 oz.
BH21-3	E605069-09A	Soil	05/06/26	05/08/26	Glass Jar, 2 oz.
BH21-4	E605069-10A	Soil	05/06/26	05/08/26	Glass Jar, 2 oz.

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Urzedo	5/14/2026 12:04:02PM

BH20-0

E605069-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2619142
Benzene	ND	0.0250	1	05/08/26	05/09/26	
Ethylbenzene	ND	0.0250	1	05/08/26	05/09/26	
Toluene	ND	0.0250	1	05/08/26	05/09/26	
o-Xylene	ND	0.0250	1	05/08/26	05/09/26	
p,m-Xylene	ND	0.0500	1	05/08/26	05/09/26	
Total Xylenes	ND	0.0250	1	05/08/26	05/09/26	
Surrogate: 4-Bromochlorobenzene-PID		*94.3 %*	*70-130*	*05/08/26*	*05/09/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2619142
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/26	05/09/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*83.4 %*	*70-130*	*05/08/26*	*05/09/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2620001
Diesel Range Organics (C10-C28)	ND	25.0	1	05/11/26	05/11/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/11/26	05/11/26	
Surrogate: n-Nonane		*101 %*	*69-135*	*05/11/26*	*05/11/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: CLM			Batch: 2619143
Chloride	**9090**	200	10	05/08/26	05/13/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Urzedo	5/14/2026 12:04:02PM

BH20-1

E605069-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2619142
Benzene	ND	0.0250	1	05/08/26	05/09/26	
Ethylbenzene	ND	0.0250	1	05/08/26	05/09/26	
Toluene	ND	0.0250	1	05/08/26	05/09/26	
o-Xylene	ND	0.0250	1	05/08/26	05/09/26	
p,m-Xylene	ND	0.0500	1	05/08/26	05/09/26	
Total Xylenes	ND	0.0250	1	05/08/26	05/09/26	
Surrogate: 4-Bromochlorobenzene-PID		*94.1 %*	*70-130*	*05/08/26*	*05/09/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2619142
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/26	05/09/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*81.6 %*	*70-130*	*05/08/26*	*05/09/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2620001
Diesel Range Organics (C10-C28)	ND	25.0	1	05/11/26	05/11/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/11/26	05/11/26	
Surrogate: n-Nonane		*102 %*	*69-135*	*05/11/26*	*05/11/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: CLM			Batch: 2619143
Chloride	**2420**	40.0	2	05/08/26	05/13/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Urzedo	5/14/2026 12:04:02PM

BH20-2

E605069-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2619142
Benzene	ND	0.0250	1	05/08/26	05/09/26	
Ethylbenzene	ND	0.0250	1	05/08/26	05/09/26	
Toluene	ND	0.0250	1	05/08/26	05/09/26	
o-Xylene	ND	0.0250	1	05/08/26	05/09/26	
p,m-Xylene	ND	0.0500	1	05/08/26	05/09/26	
Total Xylenes	ND	0.0250	1	05/08/26	05/09/26	
Surrogate: 4-Bromochlorobenzene-PID		*93.9 %*	*70-130*	*05/08/26*	*05/09/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2619142
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/26	05/09/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.4 %*	*70-130*	*05/08/26*	*05/09/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2620001
Diesel Range Organics (C10-C28)	ND	25.0	1	05/11/26	05/11/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/11/26	05/11/26	
Surrogate: n-Nonane		*103 %*	*69-135*	*05/11/26*	*05/11/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: CLM			Batch: 2619143
Chloride	**1970**	40.0	2	05/08/26	05/13/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Urzedo	5/14/2026 12:04:02PM

BH20-3

E605069-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2619142
Benzene	ND	0.0250	1	05/08/26	05/09/26	
Ethylbenzene	ND	0.0250	1	05/08/26	05/09/26	
Toluene	ND	0.0250	1	05/08/26	05/09/26	
o-Xylene	ND	0.0250	1	05/08/26	05/09/26	
p,m-Xylene	ND	0.0500	1	05/08/26	05/09/26	
Total Xylenes	ND	0.0250	1	05/08/26	05/09/26	
Surrogate: 4-Bromochlorobenzene-PID		*94.7 %*	*70-130*	*05/08/26*	*05/09/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2619142
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/26	05/09/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*82.1 %*	*70-130*	*05/08/26*	*05/09/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2620001
Diesel Range Organics (C10-C28)	ND	25.0	1	05/11/26	05/11/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/11/26	05/11/26	
Surrogate: n-Nonane		*104 %*	*69-135*	*05/11/26*	*05/11/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: CLM			Batch: 2619143
Chloride	**1060**	20.0	1	05/08/26	05/13/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Urzedo	5/14/2026 12:04:02PM

BH20-4

E605069-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2619142
Benzene	ND	0.0250	1	05/08/26	05/09/26	
Ethylbenzene	ND	0.0250	1	05/08/26	05/09/26	
Toluene	ND	0.0250	1	05/08/26	05/09/26	
o-Xylene	ND	0.0250	1	05/08/26	05/09/26	
p,m-Xylene	ND	0.0500	1	05/08/26	05/09/26	
Total Xylenes	ND	0.0250	1	05/08/26	05/09/26	
Surrogate: 4-Bromochlorobenzene-PID		*94.3 %*	*70-130*	*05/08/26*	*05/09/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2619142
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/26	05/09/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*82.8 %*	*70-130*	*05/08/26*	*05/09/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2620001
Diesel Range Organics (C10-C28)	ND	25.0	1	05/11/26	05/11/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/11/26	05/11/26	
Surrogate: n-Nonane		*103 %*	*69-135*	*05/11/26*	*05/11/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: CLM			Batch: 2619143
Chloride	**403**	20.0	1	05/08/26	05/13/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Urzedo	5/14/2026 12:04:02PM

BH21-0

E605069-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2619142
Benzene	ND	0.0250	1	05/08/26	05/09/26	
Ethylbenzene	ND	0.0250	1	05/08/26	05/09/26	
Toluene	ND	0.0250	1	05/08/26	05/09/26	
o-Xylene	ND	0.0250	1	05/08/26	05/09/26	
p,m-Xylene	ND	0.0500	1	05/08/26	05/09/26	
Total Xylenes	ND	0.0250	1	05/08/26	05/09/26	
Surrogate: 4-Bromochlorobenzene-PID		*92.2 %*	*70-130*	*05/08/26*	*05/09/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2619142
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/26	05/09/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.3 %*	*70-130*	*05/08/26*	*05/09/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2620001
Diesel Range Organics (C10-C28)	ND	25.0	1	05/11/26	05/11/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/11/26	05/11/26	
Surrogate: n-Nonane		*101 %*	*69-135*	*05/11/26*	*05/11/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: CLM			Batch: 2619143
Chloride	**5610**	100	5	05/08/26	05/13/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Urzedo	5/14/2026 12:04:02PM

BH21-1

E605069-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2619142
Benzene	ND	0.0250	1	05/08/26	05/09/26	
Ethylbenzene	ND	0.0250	1	05/08/26	05/09/26	
Toluene	ND	0.0250	1	05/08/26	05/09/26	
o-Xylene	ND	0.0250	1	05/08/26	05/09/26	
p,m-Xylene	ND	0.0500	1	05/08/26	05/09/26	
Total Xylenes	ND	0.0250	1	05/08/26	05/09/26	
Surrogate: 4-Bromochlorobenzene-PID		*91.7 %*	*70-130*	*05/08/26*	*05/09/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2619142
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/26	05/09/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*83.5 %*	*70-130*	*05/08/26*	*05/09/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2620001
Diesel Range Organics (C10-C28)	ND	25.0	1	05/11/26	05/11/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/11/26	05/11/26	
Surrogate: n-Nonane		*102 %*	*69-135*	*05/11/26*	*05/11/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: CLM			Batch: 2619143
Chloride	**579**	40.0	2	05/08/26	05/13/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Urzedo	5/14/2026 12:04:02PM

BH21-2

E605069-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2619142
Benzene	ND	0.0250	1	05/08/26	05/09/26	
Ethylbenzene	ND	0.0250	1	05/08/26	05/09/26	
Toluene	ND	0.0250	1	05/08/26	05/09/26	
o-Xylene	ND	0.0250	1	05/08/26	05/09/26	
p,m-Xylene	ND	0.0500	1	05/08/26	05/09/26	
Total Xylenes	ND	0.0250	1	05/08/26	05/09/26	
Surrogate: 4-Bromochlorobenzene-PID		*91.2 %*	*70-130*	*05/08/26*	*05/09/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2619142
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/26	05/09/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.8 %*	*70-130*	*05/08/26*	*05/09/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2620001
Diesel Range Organics (C10-C28)	ND	25.0	1	05/11/26	05/11/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/11/26	05/11/26	
Surrogate: n-Nonane		*103 %*	*69-135*	*05/11/26*	*05/11/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: CLM			Batch: 2619143
Chloride	**113**	40.0	2	05/08/26	05/13/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Urzedo	5/14/2026 12:04:02PM

BH21-3

E605069-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2619142
Benzene	ND	0.0250	1	05/08/26	05/09/26	
Ethylbenzene	ND	0.0250	1	05/08/26	05/09/26	
Toluene	ND	0.0250	1	05/08/26	05/09/26	
o-Xylene	ND	0.0250	1	05/08/26	05/09/26	
p,m-Xylene	ND	0.0500	1	05/08/26	05/09/26	
Total Xylenes	ND	0.0250	1	05/08/26	05/09/26	
Surrogate: 4-Bromochlorobenzene-PID		*90.3 %*	*70-130*	*05/08/26*	*05/09/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2619142
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/26	05/09/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*83.7 %*	*70-130*	*05/08/26*	*05/09/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2620001
Diesel Range Organics (C10-C28)	ND	25.0	1	05/11/26	05/11/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/11/26	05/11/26	
Surrogate: n-Nonane		*104 %*	*69-135*	*05/11/26*	*05/11/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: CLM			Batch: 2619143
Chloride	**21.9**	20.0	1	05/08/26	05/13/26	

Sample Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Urzedo	5/14/2026 12:04:02PM

BH21-4

E605069-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2619142
Benzene	ND	0.0250	1	05/08/26	05/09/26	
Ethylbenzene	ND	0.0250	1	05/08/26	05/09/26	
Toluene	ND	0.0250	1	05/08/26	05/09/26	
o-Xylene	ND	0.0250	1	05/08/26	05/09/26	
p,m-Xylene	ND	0.0500	1	05/08/26	05/09/26	
Total Xylenes	ND	0.0250	1	05/08/26	05/09/26	
Surrogate: 4-Bromochlorobenzene-PID		*90.1 %*	*70-130*	*05/08/26*	*05/09/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2619142
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/26	05/09/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*81.8 %*	*70-130*	*05/08/26*	*05/09/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2620001
Diesel Range Organics (C10-C28)	ND	25.0	1	05/11/26	05/11/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/11/26	05/11/26	
Surrogate: n-Nonane		*101 %*	*69-135*	*05/11/26*	*05/11/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: CLM			Batch: 2619143
Chloride	**39.1**	20.0	1	05/08/26	05/13/26	

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Urzedo	5/14/2026 12:04:02PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2619142-BLK1)									Prepared: 05/08/26 Analyzed: 05/11/26
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.29*		*8.00*		*91.1*	*70-130*			
LCS (2619142-BS1)									Prepared: 05/08/26 Analyzed: 05/09/26
Benzene	4.72	0.0250	5.00		94.5	70-130			
Ethylbenzene	4.38	0.0250	5.00		87.7	70-130			
Toluene	4.59	0.0250	5.00		91.9	70-130			
o-Xylene	4.46	0.0250	5.00		89.2	70-130			
p,m-Xylene	8.99	0.0500	10.0		89.9	70-130			
Total Xylenes	13.5	0.0250	15.0		89.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.76*		*8.00*		*97.0*	*70-130*			
Matrix Spike (2619142-MS1)				**Source: E605069-05**					Prepared: 05/08/26 Analyzed: 05/09/26
Benzene	4.59	0.0250	5.00	ND	91.8	70-130			
Ethylbenzene	4.26	0.0250	5.00	ND	85.2	70-130			
Toluene	4.46	0.0250	5.00	ND	89.1	70-130			
o-Xylene	4.33	0.0250	5.00	ND	86.6	70-130			
p,m-Xylene	8.75	0.0500	10.0	ND	87.5	70-130			
Total Xylenes	13.1	0.0250	15.0	ND	87.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.55*		*8.00*		*94.4*	*70-130*			
Matrix Spike Dup (2619142-MSD1)				**Source: E605069-05**					Prepared: 05/08/26 Analyzed: 05/09/26
Benzene	4.74	0.0250	5.00	ND	94.8	70-130	3.26	20	
Ethylbenzene	4.42	0.0250	5.00	ND	88.4	70-130	3.72	20	
Toluene	4.60	0.0250	5.00	ND	92.1	70-130	3.27	20	
o-Xylene	4.50	0.0250	5.00	ND	89.9	70-130	3.76	20	
p,m-Xylene	9.08	0.0500	10.0	ND	90.8	70-130	3.65	20	
Total Xylenes	13.6	0.0250	15.0	ND	90.5	70-130	3.69	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.63*		*8.00*		*95.4*	*70-130*			

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Urzedo	5/14/2026 12:04:02PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2619142-BLK1)									Prepared: 05/08/26 Analyzed: 05/11/26
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.95*		*8.00*		*86.8*	*70-130*			
LCS (2619142-BS2)									Prepared: 05/08/26 Analyzed: 05/09/26
Gasoline Range Organics (C6-C10)	43.9	20.0	50.0		87.8	62-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.67*		*8.00*		*83.3*	*70-130*			
Matrix Spike (2619142-MS2)				**Source: E605069-05**					Prepared: 05/08/26 Analyzed: 05/09/26
Gasoline Range Organics (C6-C10)	41.5	20.0	50.0	ND	83.0	60-137			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.71*		*8.00*		*83.9*	*70-130*			
Matrix Spike Dup (2619142-MSD2)				**Source: E605069-05**					Prepared: 05/08/26 Analyzed: 05/09/26
Gasoline Range Organics (C6-C10)	40.9	20.0	50.0	ND	81.7	60-137	1.48	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.75*		*8.00*		*84.3*	*70-130*			

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Urzedo	5/14/2026 12:04:02PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2620001-BLK1)									Prepared: 05/11/26 Analyzed: 05/11/26
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*47.6*		*50.0*		*95.1*	*69-135*			
LCS (2620001-BS1)									Prepared: 05/11/26 Analyzed: 05/11/26
Diesel Range Organics (C10-C28)	234	25.0	250		93.7	70-131			
Surrogate: n-Nonane	*47.6*		*50.0*		*95.1*	*69-135*			
Matrix Spike (2620001-MS1)				**Source: E605082-01**					Prepared: 05/11/26 Analyzed: 05/11/26
Diesel Range Organics (C10-C28)	1640	25.0	250	1330	127	62-151			
Surrogate: n-Nonane	*49.8*		*50.0*		*99.6*	*69-135*			
Matrix Spike Dup (2620001-MSD1)				**Source: E605082-01**					Prepared: 05/11/26 Analyzed: 05/11/26
Diesel Range Organics (C10-C28)	1530	25.0	250	1330	81.6	62-151	7.09	20	
Surrogate: n-Nonane	*52.1*		*50.0*		*104*	*69-135*			

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	**Reported:**
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Ashley Urzedo	5/14/2026 12:04:02PM

Anions by EPA 300.0/9056A

Analyst: CLM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2619143-BLK1)									Prepared: 05/08/26 Analyzed: 05/11/26
Chloride	ND	20.0							
LCS (2619143-BS1)									Prepared: 05/08/26 Analyzed: 05/12/26
Chloride	269	20.0	250		108	90-110			
Matrix Spike (2619143-MS1)				**Source: E605068-04**					Prepared: 05/08/26 Analyzed: 05/11/26
Chloride	716	20.0	250	439	111	80-120			
Matrix Spike Dup (2619143-MSD1)				**Source: E605068-04**					Prepared: 05/08/26 Analyzed: 05/11/26
Chloride	706	20.0	250	439	107	80-120	1.40	20	

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

Definitions and Notes

WPX Energy - Carlsbad	Project Name:	Shepherd Dalmatian CTB	
5315 Buena Vista Dr	Project Number:	01058-0007	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Urzedo	05/14/26 12:04

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 6/18/2026 4:05:00 PM
Received by OCD: 6/1/2026 12:05:31 PM

envirotech
Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: WPX Energy Permian, LLC	Company: Devon Energy	Lab WO# E605050169	1D 2D 3D Std	NM CO UT TX
Project: Shelltrack Remediation CTB	Address: 5315 Buena Vista Dr	Job Number 01058.0007		x
Project Manager: Ashley Urzedo	City, State, Zip: Carlsbad NM, 88220			
Address: 3122 National Parks Hwy	Phone: (575)689-7597			
City, State, Zip: Carlsbad NM, 88220	Email: jim.raley@dvn.com			
Phone: 575-988-0055	Miscellaneous: Jim Raley			
Email: aurzedo@ensolum.com				

Analysis and Method / **EPA Program**

SDWA | CWA | RCRA

Compliance Y or N

PWSID #

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
1132	5-6-26	S	1	BH20-0		1									X			3.9	
1134				BH20-1		2												3.6	
1136				BH20-2		3												4.6	
1140				BH20-3		4												3.5	
1143				BH20-4		5												3.5	
1148				BH21-0		6												4.6	
1150				BH21-1		7												3.6	
1153				BH21-2		8												4.8	
1155				BH21-3		9												4.1	
1300				BH21-4		10												4.3	

Additional Instructions: Preserved on ice. Please CC: cburton@ensolum.com, aurzedo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com,jhinkle@ensolum.com, akone@ensolum.com, jmccauley@ensolum.com, eplugge@ensolum.com, llinehan@ensolum.com, kelsie.smith@ensolum.com, llewis@ensolum.com, ahagar@ensolum.com, usantillana@ensolum.com

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

Sampled by: _____

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	5-7-26	0600	Michelle Gonzales	5-7-26	0700
Michelle Gonzales	5-7-26	1600	Marissa Gonzales	5-7-26	1600
Marissa Gonzales	5-7-26	20:15	Johnny Archuleta	5-7-26	2015
Johnny Archuleta	5-7-26	0000	Cath Man	5.8.26	730
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only

Received on ice: (Y) N

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

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 5/8/2026 12:18:21PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	WPX Energy - Carlsbad	Date Received:	05/08/26 07:30	Work Order ID:	E605069
Phone:	(539) 573-4018	Date Logged In:	05/07/26 16:25	Logged In By:	Caitlin Mars
Email:	ashley.giovengo@wesominc.com	Due Date:	05/14/26 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes	
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filtration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

Sampled by not provided on COC.
L-CM
R-DT

Client Instruction

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

Date

envirotech Inc.

ENSOLUM

APPENDIX F

NMOCD Correspondence

From: Ashley Giovengo <agiovengo@ensolum.com>
Sent: Thursday, November 20, 2025 1:48 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Cc: Cole Burton <cburton@ensolum.com>; Raley, Jim <jim.raley@dvn.com>
Subject: [EXTERNAL] WPX Energy Permian, LLC - Shepherd Dalmatian CTB - Variance Request - Incident Number nAPP2515181503

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

Hello,

WPX Energy Permian, LLC (WPX) is requesting concurrence from the NMOCD regarding the potential regulatory status of a possible significant waterway within the 300-foot buffer of WPX Energy's Shepherd Dalmatian CTB (Site). The Site is located in Unit L, Section 30, Township 23 South, Range 27 East, in Eddy County, New Mexico (32.333499°, -104.182753°) and is associated with oil and gas exploration and production operations on Private Land. The Site is located directly east of a concrete irrigation ditch that has a berm approximately 1-foot higher in elevation than the pad. This ditch does not have a blue line on USGS topographic maps or any associated NWI polygons, and Ensolum believes that this ditch is not a significant waterway. On the west side of the concrete ditch is an asphalt road (Tidwell road) that is (approximately 23 feet wide) and then approximately 37 feet west of the road there is a major irrigation canal with an earthen berm that is approximately 6 feet higher in elevation than the asphalt road (the bottom of the irrigation canal is about the same level as the road) (photos attached). The major irrigation canal is located approximately 230 feet from the edge of the release extent associated with NMOCD incident number nAPP2515181503 and could be defined as a significant watercourse due to the fact that it is a blue line on USGS topographic maps and has a defined bed and bank. This feature also has an associated NWI riparian polygon (no delineation has been completed to determine if a wetland is present). However, the canal is completely cut off from any drainage, surface flow, or other runoff that could originate in or near the site due to the location of the road and berm(s). The irrigation canal is a losing canal, in which water flows to the topography low spots and water will migrate vertically downward, but groundwater is not added into the system due to the shallow nature of the canal and deeper groundwater depth in the vicinity of the canal. There are no culverts are present under the road within 580 feet of the site and there is no evidence of water flow across the road (no sediment deposits, no plant matter deposition, etc.).

A desktop review for potential Site receptors has been completed, and according to the New Mexico Office of the State Engineer (NMOSE) the closest water well with available depth to groundwater data is C 03000 POD2 with a depth to water measurement of 80 feet below ground surface (bgs) and a total depth of 150 feet bgs. The site is greater than 1,000 ft. to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine (see Figure 1). The closest significant watercourse is the major irrigation canal located approximately 230 feet west of the mapped release extent. The Site is potentially underlain by unstable geology (medium potential karst designation area) and there are no indicators of surface or subsurface karst features observed at or around the Site. WPX intends to complete a pedestrian and geophysical karst survey at the Site and based on the results, the following Site Closure Criteria *could* apply: 10 mg/kg benzene, 50 mg/kg BTEX, 1,000 mg/kg TPH – Gasoline Range Organics (GRO) and TPH – Diesel Range Organics (DRO), 2,500 mg/kg Total TPH and 10,000 mg/kg chloride.

The 10-barrel produced water release remained on pad in the immediate area surrounding the tank battery containment. Ensolum personnel have completed lateral delineation soil sampling in accordance with the strictest Closure Criteria per NMOCD Table I and vertical delineation soil sampling in accordance with the strictest Closure Criteria is currently ongoing (see Table 1 and Table 1-CONT'D). Ensolum personnel collected a water sample from the irrigation canal on June 26, 2025, and laboratory analytical results indicated concentrations of chloride exceeding 600 mg/kg (see Table 2). WPX intends to address the impacts associated with the produced water release as well as any historical impacts identified during delineation soil sampling activities. Due to the distance at which the release occurred from the irrigation canal, and the unlikelihood that chloride associated with the produced water release could leave the pad, cross a concrete ditch, cross the asphalt road and impact the irrigation canal, WPX believes this *variance request* will provide equal or better protection of public health, the environment. WPX respectfully requests approval for this *variance request* associated with Incident Number (nAPP2515181503).

Thanks,

Ashley Urzedo
Associate Principal
575-988-0055
Ensolum, LLC

"Your authenticity is your superpower." – Unknown

From: Buchanan, Michael, EMNRD
To: Cole Burton; Rodgers, Scott, EMNRD
Cc: Ashley Giovengo; Raley, Jim; Bratcher, Michael, EMNRD
Subject: RE: [EXTERNAL] Extension Request - Devon Energy Production Company, LP - Shepherd Dalmatian CTB - nAPP2515181503
Date: Friday, August 29, 2025 8:35:53 AM
Attachments: image001.png
image002.png
image003.png

You don't often get email from michael.buchanan@emnrd.nm.gov. Learn why this is important

[**EXTERNAL EMAIL**]

Good morning, Cole

Devon's request for a 90-day extension is approved. The remediation closure deadline has been reflected in the incident file with a new date of 11/27/2025. Please keep a copy of this email correspondence as part of your records and submit it with the remediation closure report for Shepherd Dalmatian CTB - nAPP2515181503.

Thank you,

From: Cole Burton <cburton@ensolum.com>
Sent: Friday, August 29, 2025 7:12 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Ashley Giovengo <agiovengo@ensolum.com>; Raley, Jim <Jim.Raley@dvn.com>
Subject: [EXTERNAL] Extension Request - Devon Energy Production Company, LP - Shepherd Dalmatian CTB - nAPP2515181503

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

Hello all,

Devon Energy Production Company, LP (Devon) is requesting an extension for the current deadline of August 29, 2025, for submitting a remediation work plan or closure report required in 19.15.29.12.B.(1) NMAC at the Shepherd Dalmatian CTB (Site) (Incident Number nAPP2515181503). The release occurred on May 31, 2025, and 10 barrels (bbls) of produced water were released; 9 bbls of produced water were recovered. The release impacted an area on-pad approximately 1,609 square feet in size on Private Land. Lateral and vertical delineation soil sampling in accordance with the strictest Closure Criteria per NMOCD Table I criteria has been completed at the Site (see

Table 1 and Figure 2). Excavation of the subject matter release will begin as soon as Devon selects a subcontractor to complete excavation activities. Devon intends to submit a remediation work plan or closure report upon receiving final laboratory analytical data from confirmation sampling activities. Devon respectfully requests a 90-day extension until November 27, 2025. Please let me know if you have any further questions regarding this site.

Thanks,

Cole Burton
Project Manager
575-706-5056
Ensolum, LLC

From:	Rodgers, Scott, EMNRD
To:	Ashley Giovengo
Cc:	Cole Burton; Raley, Jim
Subject:	RE: [EXTERNAL] WPX Energy Permian, LLC - Shepherd Dalmatian CTB - Variance Request - Incident Number nAPP2515181503
Date:	Monday, November 24, 2025 4:01:02 PM
Attachments:	image006.png image007.png image008.png

[**EXTERNAL EMAIL**]

Your time extension request is approved. Remediation Due date has been updated to February 25, 2026 within the incident page. Please note that this is the second extension request approval.

Please keep a copy of this communication for inclusion within the appropriate reporting documentation.

If you have any questions, please contact me via email at your convenience.

Thank you,
Scott

Scott Rodgers ● Environmental Specialist – Adv.
Environmental Bureau
EMNRD - Oil Conservation Division
5200 Oakland NE, Suite B | Albuquerque, NM 87113
505.469.1830 | scott.rodgers@emnrd.nm.gov
http://www.emnrd.nm.gov/ocd

From: Ashley Giovengo <agiovengo@ensolum.com>
Sent: Monday, November 24, 2025 2:47 PM
To: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>
Cc: Cole Burton <cburton@ensolum.com>; Raley, Jim <jim.raley@dvn.com>
Subject: RE: [EXTERNAL] WPX Energy Permian, LLC - Shepherd Dalmatian CTB - Variance Request - Incident Number nAPP2515181503

Good day Mr. Rodgers,

Devon Energy Production Company, LP (Devon) will complete the requested surveys. Due to the time constraints of completing the requested surveys within the current deadline of November 27, 2025,

Devon respectfully requests a 90-day extension until February 25, 2026.

Kind Regards,

Ashley Urzedo
Associate Principal
575-988-0055
Ensolum, LLC
“Your authenticity is your superpower.” – Unknown

From: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>
Sent: Monday, November 24, 2025 2:18 PM
To: Ashley Giovengo <agiovengo@ensolum.com>
Cc: Cole Burton <cburton@ensolum.com>; Raley, Jim <jim.raley@dvn.com>
Subject: RE: [EXTERNAL] WPX Energy Permian, LLC - Shepherd Dalmatian CTB - Variance Request - Incident Number nAPP2515181503

[**EXTERNAL EMAIL**]

Good afternoon Ashley,

Please contact the Carlsbad Irrigation District (CID) and provide correspondence showing the status of the irrigation ditch and that it is not being used and will not be used in the future. For the main irrigation ditch, a wetland survey report will be required to show that it is not considered a riverine. For the wetland survey, a Professional Wetland Scientist (PWS) will be required to perform the review and sign off on the conducted surveys. The PWS’ Certificate ID number must be included. Also, a karst survey will need to be completed.

Thank you,
Scott

Scott Rodgers ● Environmental Specialist – Adv.
Environmental Bureau
EMNRD - Oil Conservation Division
5200 Oakland NE, Suite B | Albuquerque, NM 87113
505.469.1830 | scott.rodgers@emnrd.nm.gov
http://www.emnrd.nm.gov/ocd

From: Buchanan, Michael, EMNRD
To: Ashley Giovengo
Cc: Raley, Jim; Cole Burton
Subject: RE: [EXTERNAL] Extension Request - WPX Energy Permian, LLC - Shepherd Dalmatian CTB - nAPP2515181503
Date: Friday, February 27, 2026 3:26:32 PM
Attachments: image001.png
image002.png
image003.png

[**EXTERNAL EMAIL**]

Good afternoon,

The request for a 90-day extension to submit either a remediation plan or a closure report is approved. Please be advised that this is the third and final extension approval for this incident, which amends the new deadline to 05/27/2026. I will update the incident file to reflect this change. Keep a copy of this approval for your records and submit it with the next report submission.

Regarding the wetland survey determination for the Southern Canal, the OCD agrees with WPX Energy that the Southern Canal, which lies approximately 101.5 feet west of the incident is not a wetland, according to the USACE Wetland Determination Forms and survey conducted by On Pointe Consulting. However, the canal itself is a significant watercourse as it meets the USGS definition under **19.15.17.7 Definition P of NMAC** "a watercourse with a defined bed and bank either named or identified by a dashed blue line on a USGS 7.5 minute quadrangle map or the next lower order tributary with a defined bed and bank of such watercourse." The OCD does not obtain the jurisdiction to overturn this designation of the canal and, as such, the incident remains within the setbacks for the most stringent remediation criteria as per 19.15.29.12 (C) subparagraph (4)(a)(i) NMAC. If WPX wishes to consult with USGS to overturn the designation for the canal, the OCD will honor the USGS' decision. If such documentation from USGS is produced, please provide to OCD and submit it for all three incidents, nAPP2515181503, nAPP2605418531, nAPP2605528269

Thanks,

From: Ashley Giovengo <agiovengo@ensolum.com>
Sent: Wednesday, February 25, 2026 9:13 AM
To: Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>; Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Raley, Jim <jim.raley@dvn.com>; Cole Burton <cburton@ensolum.com>
Subject: [EXTERNAL] Extension Request - WPX Energy Permian, LLC - Shepherd Dalmatian CTB -

nAPP2515181503

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

Hello,

WPX Energy Permian, LLC (WPX) is requesting a 90-day extension at the Shepherd Dalmatian CTB (Site). The Site is located in Unit L, Section 30, Township 23 South, Range 27 East, in Eddy County, New Mexico (32.333499°, -104.182753°) and is associated with oil and gas exploration and production operations on Private Land. On May 31, 2025, a fitting on a water transfer pump failed, resulting in release of 10 barrels (bbls) of produced water. The majority of fluids were contained inside the lined secondary containment and approximately 1 bbl of produced water sprayed outside containment and impacted the pad surface. WPX reported the release to the New Mexico Oil Conservation division (NMOCD) on May 31, 2025, and subsequently the was assigned incident number nAPP2515181503.

Ensolum personnel have completed lateral delineation soil sampling in accordance with the strictest Closure Criteria per NMOCD Table I and vertical delineation soil sampling in accordance with the strictest Closure Criteria is currently ongoing (see Table 1, Figure 2). Ensolum personnel completed a liner integrity inspection on February 20, 2026, and the containment liner remained intact and had the ability to contain the release in question.

A desktop review for potential Site receptors has been completed, and according to the New Mexico Office of the State Engineer (NMOSE) the closest water well with available depth to groundwater data is C 03000 POD2 with a depth to water measurement of 80 feet below ground surface (bgs) and a total depth of 150 feet bgs. 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 (see Figure 1). The closest continuously flowing or significant watercourse to the Site is an irrigation canal (R2UB3Hx), located approximately 101.5 feet west of the Site. On January 10, 2025, Ensolum personnel, under the supervision of Liz Carner, professional wetland specialist (PWS) for On Pointe Consulting, LLC, visited the Site to review the irrigation canal as a waterway with potential to be identified as a significant water course. The waterway in question is an excavated irrigation canal with packed dirt and gravel banks. No wetlands were identified within the (R2UB3Hx) area. Three upland USACE Wetland Determination Forms were recorded in the irrigation ditch (UPL-01, UPL-02, and UPL-03). Based on the findings of the of the wetland delineation, unstable features needed for a significant watercourse/wetland appear to be absent and as such, WPX respectfully requests the significant watercourse/irrigation canal not be considered as a sensitive Site receptor.

The Site is potentially underlain by unstable geology (medium potential karst designation area) however there are no indicators of surface or subsurface karst features observed at or around the Site. WPX intends to complete a pedestrian and geophysical karst survey at the Site and

based on the results, the following Site Closure Criteria *could* apply: 10 mg/kg benzene, 50 mg/kg BTEX, 1,000 mg/kg TPH – Gasoline Range Organics (GRO) and TPH – Diesel Range Organics (DRO), 2,500 mg/kg Total TPH and 10,000 mg/kg chloride.

On February 22, 2026, a water transfer meter broke resulting in the release of 11 bbls of produced water on the previously delineated release area. The second produced water release was assigned incident number nAPP2605418531. Ensolum personnel were onsite on February 22, 2026, to map the second release when a third release of produced water occurred due to a produced water transfer pump (nAPP2605528269). The pump failure resulted in the release of 282 bbls of produced water inside the lined secondary containment and onto the pad surface. Ensolum has prepared a remediation work plan based on the delineation soil sampling associated with the first reportable release (nAPP2515181503) at the Site; however, due to the presence of new spills overlapping the initial release of produced water, WPX would like to request a final 90-day extension in order to re-evaluate the proposed excavation extent and to collect new lateral and vertical delineation soil samples within and around the release extent (see Figure 3). In addition to delineation soil sampling, a second liner integrity inspection will need to be conducted once the containment liner has been cleaned.

WPX intends to address the impacts associated with all three produced water releases as well as any historical impacts identified during delineation soil sampling activities. WPX intends to submit a remediation work plan or closure report upon receiving final laboratory analytical data from delineation soil sampling and confirmation soil sampling activities. WPX respectfully requests a 90-day extension for incident number nAPP2515181503 until May 26, 2026. Please let me know if you have any further questions regarding this site.

Kind Regards,

Ashley Urzedo
Associate Principal
575-988-0055
Ensolum, LLC

“Your authenticity is your superpower.” – Unknown

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QUESTIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 588220
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2515181503**
Incident Name	**NAPP2515181503 SHEPHERD DALMATIAN CTB @ 30-015-45744**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan Received**
Incident Well	**[30-015-45744] SHEPHERD 3 2 23 27 FEE #401H**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	SHEPHERD DALMATIAN CTB
Date Release Discovered	05/31/2025
Surface Owner	Private

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Equipment Failure | Pump | Produced Water | Released: 10 BBL | Recovered: 9 BBL | Lost: 1 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Fitting on water transfer pump failed. Majority of fluids contained in secondary lined containment. Small amount of fluid approximately 1 bbl sprayed outside containment and impacted pad surface.

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QUESTIONS (continued)

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 588220
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**No**
Reasons why this would be considered a submission for a notification of a major release	*Unavailable.*
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.*
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 05/26/2026

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QUESTIONS (continued)

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 588220
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 75 and 100 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 200 and 300 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1000 (ft.) and ½ (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1000 (ft.) and ½ (mi.)
Any other fresh water well or spring	Between 1000 (ft.) and ½ (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 200 and 300 (ft.)
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 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	18200
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	557
GRO+DRO (EPA SW-846 Method 8015M)	371
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	08/01/2026
On what date will (or did) the final sampling or liner inspection occur	08/20/2026
On what date will (or was) the remediation complete(d)	08/20/2026
What is the estimated surface area (in square feet) that will be reclaimed	1857
What is the estimated volume (in cubic yards) that will be reclaimed	275
What is the estimated surface area (in square feet) that will be remediated	8121
What is the estimated volume (in cubic yards) that will be remediated	528
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 588220
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	fEEM0112334510 HALFWAY DISPOSAL AND LANDFILL
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	*Not answered.*
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	*Not answered.*
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 05/26/2026
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

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	Action Number: 588220
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

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QUESTIONS (continued)

Operator:	OGRID:
WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	246289
	Action Number: 588220
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	*{Unavailable.}*

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

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CONDITIONS

Operator:	OGRID:
WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	246289
	Action Number: 588220
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Remediation work plan addendum is approved to include the following conditions of approval COAs: 1. As stated in an email response from OCD to Ensolum on 02/27/2026, the variance request from 19.15.29.11 NMAC A.(4) will only be approved if WPX consults with USGS to overturn the designation of the canal. OCD will honor USGS' decision stating that the canal in question does not meet the following definition, "a watercourse with a defined bed and bank either named or identified by a dashed blue line on a USGS 7.5 minute quadrangle map or the next lower order tributary with a defined bed and bank of such watercourse." A letter must be obtained from USGS with the statement and signature overturning the designation, OCD will then honor the variance request. If this cannot be obtained, the variance request is denied.	6/18/2026
michael.buchanan	The OCD considers Medium/High/Critical Karst areas as an “Unstable area” pursuant to 19.15.2.7.U.(6). OCD Karst determination is based on available data, such as BLM’s online mapping tool. If the release has occurred in a Medium/High/Critical Karst area then it meets the definition of unstable and it must be treated as if it occurred where depth to ground water is less than 50 feet (see Table I of 19.15.29.12 NMAC).	6/18/2026
michael.buchanan	If a site is in one of these mapped within Medium/High/Critical Karst occurrence zones it will be the responsibility of the operator/responsible party to provide verification that the site is not “unstable” if an alternative closure standard is being pursued. Any deviation from the most stringent closure criteria in critical/high/medium karst potential occurrence zones, will require additional surveys. As part of OCD’s approval process the operator will need to provide to the OCD, a review of the area and the approval from the surface management agency. If the applicable surface management agency does not approve of the operator’s request, it will be denied by the OCD and will need to meet the most stringent closure criteria. (Please reference OCD - Operator Guidance - Oil Conservation) for implementation guidance on demonstrating karst.	6/18/2026
michael.buchanan	Types of karst surveys include desktop survey, aerial/pedestrian karst survey, and geophysical survey. If no karst features are located during any of the surveys AND the geophysical survey shows no other indications of unstable ground, the closure criteria can be based on Table I Closure criteria found in 19.15.29 NMAC. Sites located on BLM or State Land Office (SLO) owned surface will need surface owner approval.	6/18/2026
michael.buchanan	As none of the karst survey information has been provided demonstrating the absence of karst, and the USGS confirmation and letter has also not been provided, the remediation standards remain in the most stringent criteria in Table 1 of 19.15.29 NMAC.	6/18/2026