



November 18, 2025

**New Mexico Oil Conservation Division**

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

**Re: Closure Request  
Helios 6 Fed Com 2H Battery - Offsite Polyline  
Incident Number: nAPP2517748107  
Eddy County, New Mexico**

To Whom it May Concern:

Ensolum, LLC (Ensolum), on behalf of Devon Energy Production Company, LP (Devon), has prepared this *Closure Request* to document delineation, excavation, and soil sampling activities performed to address a produced water release at the Helios 6 Fed Com 2H Battery - Offsite Polyline (Right-of-way (ROW); Site). Based on the excavation activities and analytical results from the soil sampling events, Devon is submitting this *Closure Request*, describing delineation and remediation that has occurred and requesting closure for Incident Number nAPP2517748107.

## BACKGROUND

The Site is located in Unit G, Section 06, Township 19 South, Range 31 East, in Eddy County, New Mexico (32.6905435°, -103.9084775°) in the pasture area around the lease road and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On June 26, 2025, a water transfer line developed a leak along the road which resulted in the release of approximately 24 barrels (bbls) of produced water onto an off-pad pasture area. Devon reported the release to the New Mexico Oil Conservation Division (NMOCD) via Notification of Release (NOR) on June 26, 2025, and submitted a Release Notification Form C-141 (Form C-141) on July 7, 2025. The release was assigned Incident Number nAPP2517748107. The Form C-141 can be referenced on the NMOCD Portal.

## 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). Results from the characterization are summarized below and detailed in the NMOCD permitting portal Form C-141 Site Characterization section. Potential Site receptors are identified on Figure 1.

Depth to groundwater at the Site is greater than 105 feet below ground surface (bgs) based on the nearest groundwater well data. The closest permitted groundwater well with depth to groundwater data is New Mexico Office of the State Engineer (NMOSE) well CP-2080 POD1, located approximately 1,355 feet south of the Site. The soil boring has a reported depth to groundwater greater than 105 feet bgs and a total depth of 105 feet bgs. There are no regional or Site-specific hydrogeological conditions,

such as shallow surface water, karst features, wetlands, or vegetation to suggest the Site is conducive to shallower groundwater. 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 intermittent dry wash, located approximately 0.29 miles west of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area). Site receptors are identified on Figure 1.

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

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH)-gasoline range organics (GRO) and TPH-diesel range organics (DRO): 1,000 mg/kg
- TPH: 2,500 mg/kg
- Chloride: 20,000 mg/kg

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

## ENVIRONMENTAL DESKTOP REVIEW

A review of the United States Fish and Wildlife Service (USFWS) Information, Planning, and Conservation System (IPaC) and New Mexico Game and Fish (NMGF) New Mexico Environmental Review Tool (NMERT) took place on July 9, 2025. According to the IPaC report, one experimental species, one threatened species, one endangered species, and one proposed threatened species could be found in the area around the Site but there was no critical habitat flagged within and around the Site boundary. The NMERT report had flagged three stated-listed species have the possibility of being found in and around the Site, included in Appendix B.

Ensolum reviewed the Site for the occurrence of aquatic resources. There were no aquatic resources located within the Site. The Site was located within the Federal Emergency Management Agency (FEMA) Flood Zone X, which poses a minimal risk for flooding and the soils within the site did not have a hydric rating that would support aquatic resources.

## SITE ASSESSMENT AND DELINEATION SOIL SAMPLING ACTIVITIES

Between July 1, 2025, and August 26, 2025, Ensolum personnel were onsite to evaluate the release extent based on information provided on the Form C-141 and visual observations. Five delineation soil samples (SS01 through SS05) were collected from areas surrounding the release extent at depths of ground surface and 1-foot bgs to assess the lateral extent of impacted soil. Five boreholes (BH01 through BH05) were advanced via hand auger and air rotary drill within the release extent to assess the vertical extent of the release. Delineation soil samples were collected from each borehole at depths ranging from ground surface to 62 feet bgs. The delineation soil samples were field screened for chloride

using Hach® Chloride QuanTab® test strips. Field screening results and observations for the boreholes were logged on lithologic soil sampling logs, which are included in Appendix B. Photographic documentation of delineation activities is included in Appendix C.

The soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures to Envirotech Analytical Laboratory (Envirotech) in Farmington, New Mexico, for analysis of the following chemicals of concern (COCs): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-GRO, TPH-DRO, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method 300.0.

## LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for lateral delineation soil samples SS01 through SS05 indicated all COC concentrations were in compliance with the strictest Closure Criteria. Laboratory analytical results for delineation soil samples collected from boreholes BH01 through BH05 indicated chloride concentrations exceeding the reclamation requirement at depths ranging from the ground surface to 4 feet bgs. The terminal soil samples collected from the boreholes indicated all COC concentrations were in compliance with the strictest Closure Criteria and reclamation requirement, where applicable.

Based on visible staining in the release area, elevated field screening results, and laboratory analytical results for the delineation activities, excavation activities were warranted. Laboratory results are summarized in Table 1 and laboratory analytical reports are included in Appendix D.

## EXCAVATION AND CONFIRMATION SOIL SAMPLING ACTIVITIES

Between October 7 and October 14, 2025, Ensolum personnel were onsite to oversee excavation activities. Excavation activities were performed using a tracked excavator, loader, hydro-vac, and dump trucks. To direct excavation activities, soil was field screened for TPH utilizing a PetroFLAG® soil analyzer system and chloride following the same procedure described above. The excavation was completed to depths ranging from 2 feet to 4 feet bgs. Photographic documentation of excavation activities is included in Appendix C.

Following removal of waste-containing soil, 5-point composite confirmation samples were collected from the floor and sidewalls of the excavation representing no more than 200 square feet. The 5-point composite confirmation samples were collected by placing five equivalent aliquots of soil into a resealable plastic bag and homogenizing the samples by thoroughly mixing. Composite soil samples FS01 through FS32 were collected from the floor of the excavation at depths ranging from 2 feet to 4 feet bgs. Composite soil samples SW01 through SW09 were collected from the sidewalls of the excavation at depths ranging from ground surface 2 feet bgs and ground surface to 4 feet bgs. The soil samples were collected, handled, and analyzed following the same procedures as described above.

The final excavation extent measured approximately 6,366 square feet. A total of approximately 1,128 cubic yards of impacted and waste-containing soil was removed during the excavation activities. The impacted and waste-containing soil was transported and properly disposed of at Lea Land, LLC Landfill. The excavation extent and excavation soil sample locations are presented in Figure 3.

## LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for excavation sidewall samples (SW01 through SW09) and excavation floor samples (FS01 through FS32) indicated all COC concentrations were compliant with the Site



Closure Criteria and reclamation requirement, where applicable. Laboratory analytical results are summarized in Tables 2 and 3 and laboratory analytical reports are included in Appendix D.

## RECLAMATION PLAN

The entire release occurred off pad in the pasture, and as such, a reclamation requirement for chloride and TPH were applied to the top 4 feet of the subsurface 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. The following Reclamation Plan proposes reclamation of the excavated area:

- The excavation was backfilled with locally sourced topsoil and caliche to match surrounding grade. Backfill soil sample (BF01) was used in the off-pad areas, sample (BF02) was used in the top 6 inches of the caliche road, and (BF03) was used around buried pipelines. Laboratory results are summarized in Table 4 and laboratory analytical reports are included in Appendix D.
- Soil in the vicinity of the release includes: Simona gravelly fine sandy loam 0 to 3 percent slopes according to the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) Web Soil Survey completed on September 4, 2025;
- The backfilled areas will be seeded utilizing a weed-free seed mix designed by the BLM to meet reclamation standards for this region, which will be: BLM Seed Mix (1) for loam;
- The seed mixture will be distributed with either a push broadcaster seed spreader, tractor operated broadcast seed spreader, drill seeding, or other means;
- Application of the seed mixture will be at a coverage of 10 pounds of seeds per acre of reclaimed pasture with distribution by a drilling method or 20 pounds of seeds per acre of reclaimed pasture with distribution by a broadcast method;
- Erosion control management is not anticipated, but if needed, will potentially include:
  - The placement of wattles in areas with a propensity for high run off rates;
  - Straw cover if high winds are anticipated to support moisture retention and limit wind from blowing seeds away before they have had time to germinate; and/or
  - Other erosional control best management practices (BMP) as necessary to support timely and healthy regrowth of vegetation in disturbed areas;
- Seeding is anticipated to be completed in the Spring when temperatures and precipitation is most conducive for vegetation growth. In general, seeding should occur approximately one month after the last frost in the Spring up until approximately one month prior to the first fall frost. BLM has recognized the optimal time to seed is between July and early September, which will be adhered to for this Site
- Annual inspections (at a minimum) will take place on the location until revegetation is consistent with local natural vegetation density. The Site will be inspected the following Fall to assess the success of regrowth. If necessary, an additional application of the BLM-approved pure live seed mixture will be applied as well as any needed BMPs will be installed to support growth and limit erosion.

## CLOSURE REQUEST

Site assessment, delineation, and excavation activities were conducted at the Site to address the June 2025 release of produced water. Following delineation and remediation efforts, 32 composite confirmation floor soil samples (FS01 through FS32) and nine composite confirmation sidewall samples



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(SW01 though SW09) were collected. Laboratory analytical results for the excavation soil samples, collected from the final excavation extent, indicated all COC concentrations were in compliance with Site Closure Criteria and reclamation requirement, where applicable. Based on the soil sample analytical results, no further remediation was required. Reclamation will be completed as described above.

Based on horizontal and vertical delineation sampling, depth to groundwater greater than 105 feet bgs, and confirmation soil sample laboratory analytical results in compliance with their respective Closure Criteria and reclamation requirement, Devon believes these remedial actions have been protective of human health, the environment, and groundwater. As such, Devon respectfully requests closure for Incident Number nAPP2517748107.

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

Sincerely,  
**Ensolum, LLC**

A handwritten signature in black ink that reads "Cole Burton".

Cole Burton  
Project Manager

A handwritten signature in black ink that reads "Daniel R. Moir".

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

cc: Jim Raley, Devon  
BLM

#### Appendices:

Figure 1 Site Receptor Map  
Figure 2 Delineation Soil Sample Locations  
Figure 3 Excavation Soil Sample Locations




Table 1 Soil Sample Analytical Results (Delineation Soil Samples)  
Table 2 Soil Sample Analytical Results (Confirmation Soil Samples)  
Table 3 Soil Sample Analytical Results (Sidewall Soil Samples)  
Table 4 Soil Sample Analytical Results (Backfill Soil Samples)

Appendix A Well Log and Record  
Appendix B Environmental Desktop Review  
Appendix C Lithologic Soil Sampling Logs  
Appendix D Photographic Log  
Appendix E Laboratory Analytical Reports & Chain-of-Custody Documentation  
Appendix F NMOCD Correspondence






FIGURES





**Legend**

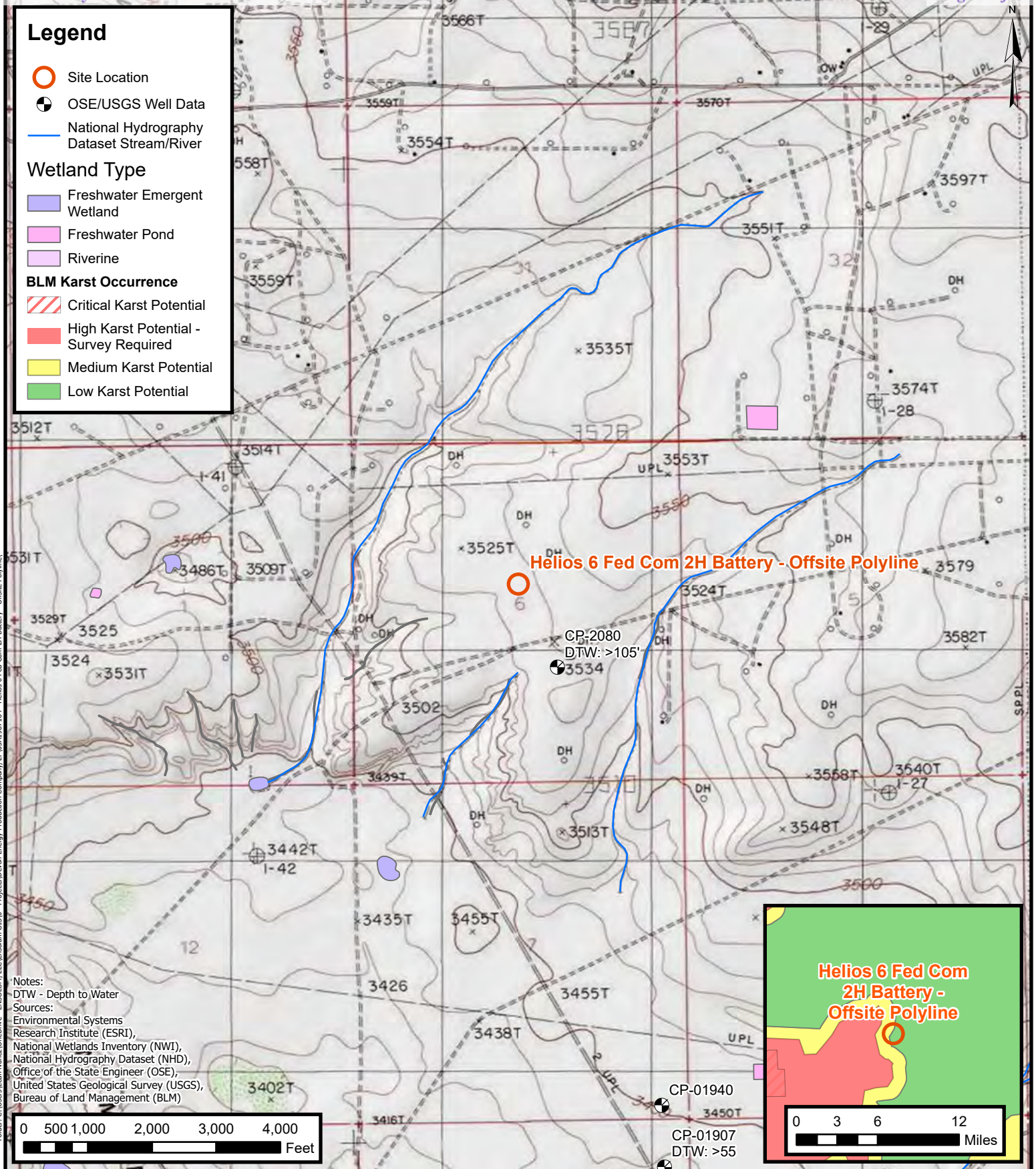
-  Site Location
-  OSE/USGS Well Data
-  National Hydrography Dataset Stream/River

**Wetland Type**

-  Freshwater Emergent Wetland
-  Freshwater Pond
-  Riverine

**BLM Karst Occurrence**

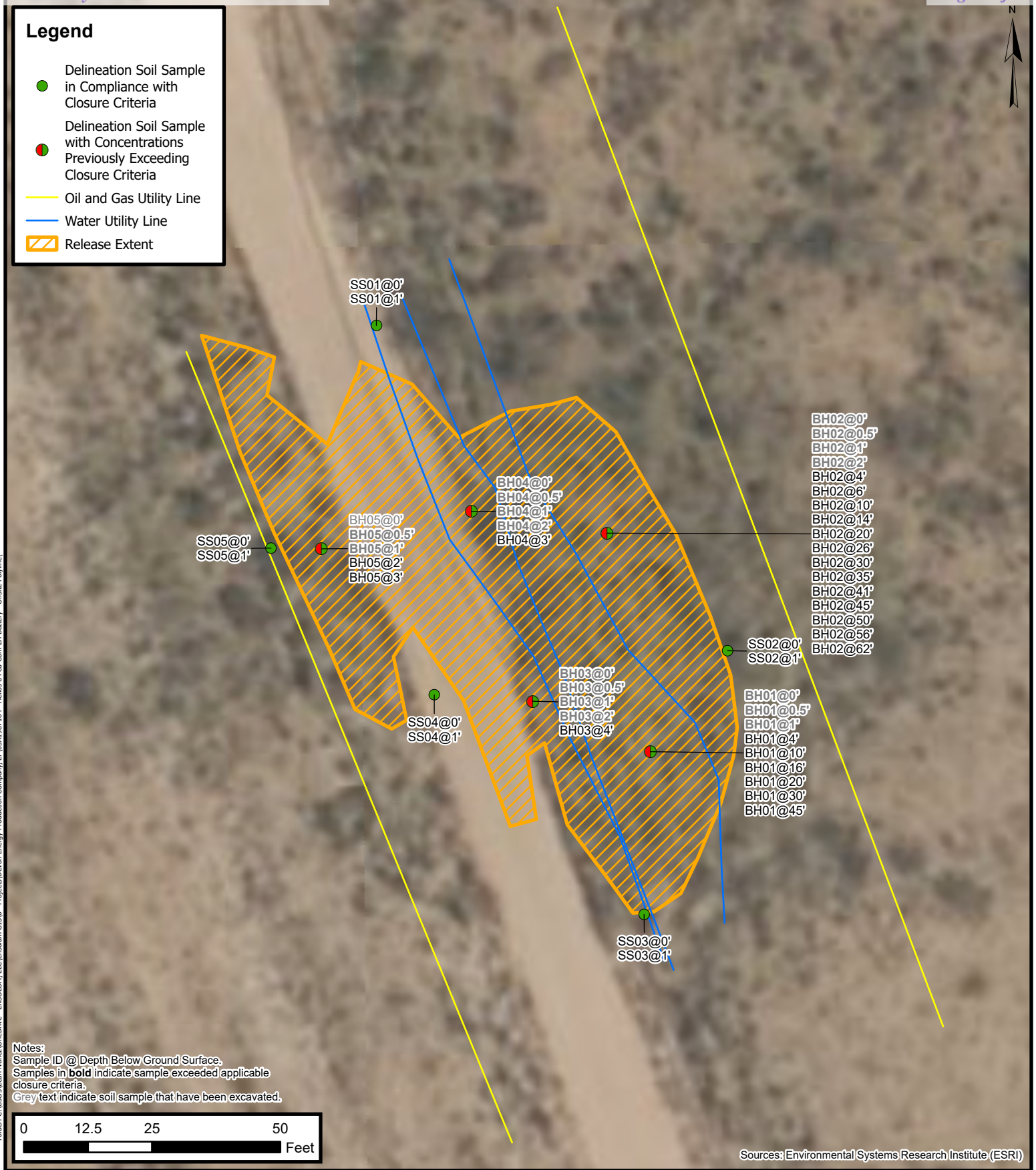
-  Critical Karst Potential
-  High Karst Potential - Survey Required
-  Medium Karst Potential
-  Low Karst Potential

**Site Receptor Map**

Devon Energy Production Company, LP  
Helios 6 Fed Com 2H Battery - Offsite Polyline  
Incident Number: nAPP2517748107  
Unit G, Section 06, T 19S, R 31E  
Eddy County, New Mexico

**FIGURE****1**



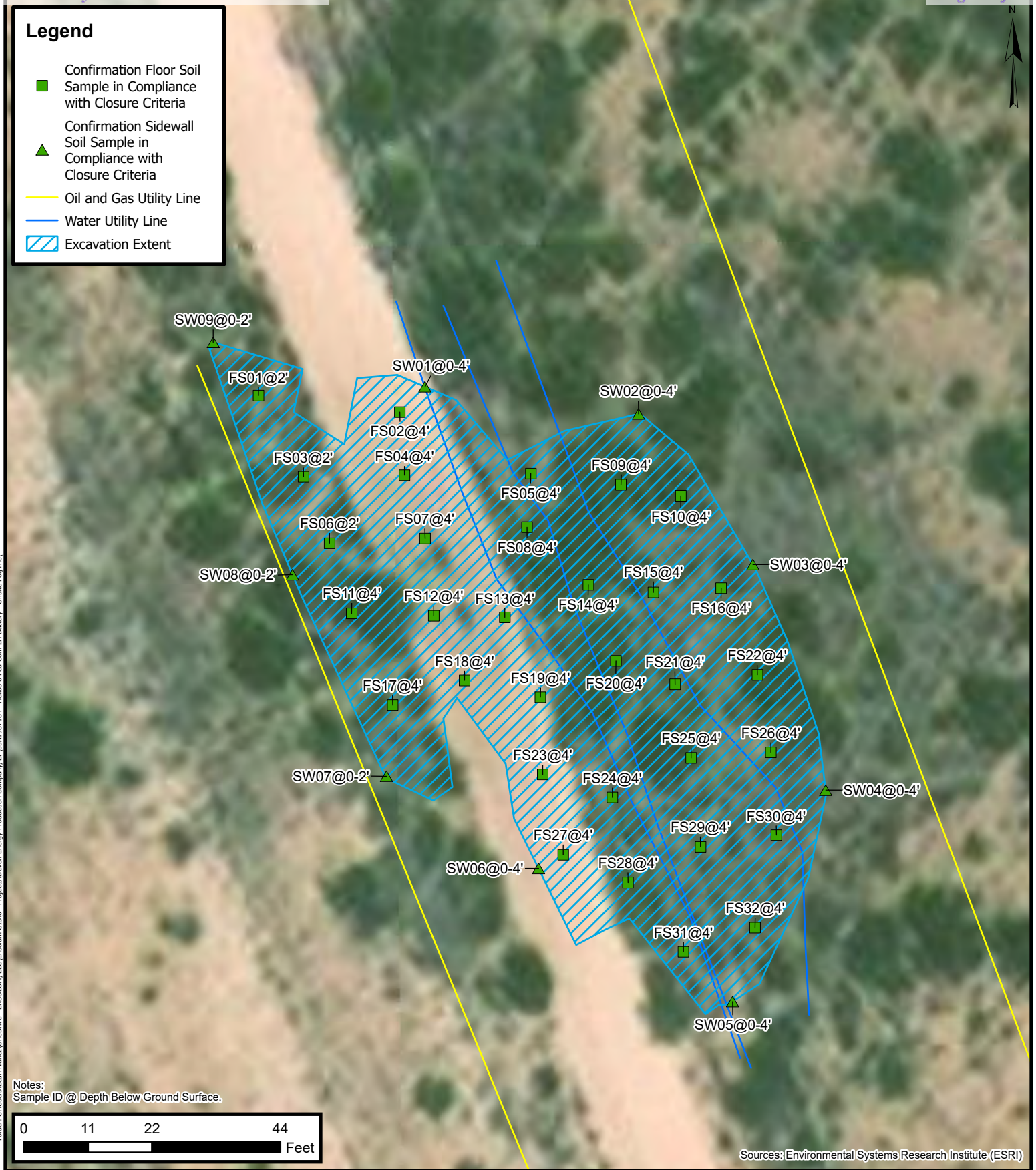


## Delineation Soil Sample Locations

Devon Energy Production Company, LP  
Helios 6 Fed Com 2H Battery - Offsite Polyline  
Incident Number: nAPP2517748107  
Unit G, Section 06, T 19S, R 31E  
Eddy County, New Mexico

FIGURE  
2









TABLES

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<b>TABLE 1</b> <b>SOIL SAMPLE ANALYTICAL RESULTS</b> Helios 6 Fed Com 2H Battery - Offsite Polyline Devon Energy Production Company, LP Eddy County, New Mexico										
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I 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	1,000	2,500	20,000
Delineation Soil Samples										
SS01*	7/1/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	296
SS01*	7/1/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	61.1
SS02*	7/1/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	59.4
SS02*	7/1/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS03*	7/1/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	269
SS03*	7/1/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	135
SS04*	7/1/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	98.5
SS04*	7/1/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	138
SS05*	7/7/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	26.2
SS05*	7/7/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH01*	7/24/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	15,200
BH01*	7/24/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	18,000
BH01*	7/24/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	16,700
BH01	8/26/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	11,400
BH01	8/26/2025	10	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	14,400
BH01	8/26/2025	16	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	8,690
BH01	8/26/2025	20	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,490
BH01	8/26/2025	30	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,920
BH01	8/26/2025	45	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	426
BH02*	7/24/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,200
BH02*	7/24/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,990
BH02*	7/24/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,480
BH02*	7/24/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,450
BH02	7/24/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	7,190
BH02	7/24/2025	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,850
BH02	8/25/2025	10	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	14,100
BH02	8/25/2025	14	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,130
BH02	8/25/2025	20	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	10,700
BH02	8/25/2025	26	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,690
BH02	8/25/2025	30	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,870



<b>TABLE 1</b> <b>SOIL SAMPLE ANALYTICAL RESULTS</b> Helios 6 Fed Com 2H Battery - Offsite Polyline Devon Energy Production Company, LP Eddy County, New Mexico										
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I 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	1,000	2,500	20,000
<b>Delineation Soil Samples</b>										
BH02	8/25/2025	35	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,200
BH02	8/25/2025	41	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	881
BH02	8/25/2025	45	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	613
BH02	8/25/2025	50	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	928
BH02	8/25/2025	56	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	452
BH02	8/25/2025	62	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	299
BH03*	7/24/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,030
BH03*	7/24/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	8,380
BH03*	7/24/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	13,400
BH03*	8/25/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,910
BH03	8/25/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	402
BH04*	7/24/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,040
BH04*	7/24/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,890
BH04*	7/24/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,620
BH04*	8/25/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,620
BH04*	8/25/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	340
BH05*	7/24/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	432
BH05*	7/24/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	651
BH05*	7/24/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	848
BH05*	8/26/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	278
BH05*	8/26/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	465

**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 Closure Criteria

&lt;": Laboratory Analytical result is less than reporting limit

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

\* 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.

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes



<b>TABLE 2</b> <b>SOIL SAMPLE ANALYTICAL RESULTS</b> Helios 6 Fed Com 2H Battery - Offsite Polyline Devon Energy Production Company, LP Eddy County, New Mexico										
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I 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	1,000	2,500	20,000
Confirmation Soil Samples										
FS01*	10/14/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	127
FS02	10/10/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	460
FS03*	10/14/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	180
FS04	10/10/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	209
FS05	10/10/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	120
FS06*	10/14/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	111
FS07	10/10/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	438
FS08	10/10/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	408
FS09	10/13/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	341
FS10	10/13/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,010
FS11	10/13/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	70.8
FS12	10/10/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	653
FS13	10/10/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,460
FS14	10/10/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,450
FS15	10/13/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,170
FS16	10/13/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,200
FS17*	10/13/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	146
FS18	10/9/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	417
FS19	10/9/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,390
FS20	10/9/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,190



<b>TABLE 2</b> <b>SOIL SAMPLE ANALYTICAL RESULTS</b> Helios 6 Fed Com 2H Battery - Offsite Polyline Devon Energy Production Company, LP Eddy County, New Mexico										
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I 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	1,000	2,500	20,000
Confirmation Soil Samples										
FS21	10/13/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,160
FS22	10/13/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,050
FS23	10/9/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	200
FS24	10/9/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	7,140
FS25	10/13/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,820
FS26	10/13/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,680
FS27	10/9/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	170
FS28	10/9/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	7,360
FS29	10/13/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,200
FS30	10/13/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,610
FS31	10/9/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,470
FS32	10/13/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,780

**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 Closure Criteria

&lt;: Laboratory Analytical result is less than reporting limit

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

\* 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.

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes





<b>TABLE 3</b> <b>SOIL SAMPLE ANALYTICAL RESULTS</b> Helios 6 Fed Com 2H Battery - Offsite Polyline Devon Energy Production Company, LP Eddy County, New Mexico										
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I 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	1,000	2,500	20,000
Sidewall Soil Samples										
SW01*	10/9/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	134
SW02*	10/9/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	481
SW03*	10/10/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	137
SW04*	10/14/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW05*	10/14/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	309
SW06*	10/13/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	73.1
SW07*	10/13/2025	0-2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	298
SW08*	10/14/2025	0-2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	44.1
SW09*	10/14/2025	0-2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	126

**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 Closure Criteria

&lt;: Laboratory Analytical result is less than reporting limit

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

\* 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.

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes



<b>TABLE 4</b> <b>SOIL SAMPLE ANALYTICAL RESULTS</b> Helios 6 Fed Com 2H Battery - Offsite Polyline Devon Energy Production Company, LP Eddy County, New Mexico										
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I 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	1,000	2,500	20,000
Backfill Soil Samples										
BF01	10/8/2025	NA	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	211
BF02	10/8/2025	NA	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BF03	10/14/2025	NA	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	106

**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 Closure Criteria

&lt;": Laboratory Analytical result is less than reporting limit

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

\* 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.

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes



## APPENDIX A

### Well Log and Record

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# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

[www.ose.state.nm.us](http://www.ose.state.nm.us)

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) Pod 1		WELL TAG ID NO.		OSE FILE NO(S). CP-2080		
	WELL OWNER NAME(S) Devon Energy Production Company, LP				PHONE (OPTIONAL)		
	WELL OWNER MAILING ADDRESS 5315 Buena Vista Dr.				CITY Carlsbad	STATE NM	
					ZIP 88220		
	WELL LOCATION (FROM GPS)	DEGREES 32	MINUTES 41	SECONDS 13.02	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND	
	LONGITUDE 103	54	23.5512	W	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE S6 T19s R31e							
2. DRILLING & CASING INFORMATION	LICENSE NO. WD-1862		NAME OF LICENSED DRILLER James Hawley		NAME OF WELL DRILLING COMPANY H&R Enterprises, LLC		
	DRILLING STARTED 8-26-25	DRILLING ENDED 8-26-25	DEPTH OF COMPLETED WELL (FT) 105'	BORE HOLE DEPTH (FT) 105'	DEPTH WATER FIRST ENCOUNTERED (FT) N/A		
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A	DATE STATIC MEASURED 9-2-25	
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES – SPECIFY:						
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER – SPECIFY:					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>	
	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)
	0' 105'		6'	No casing left in hole			
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE- RANGE BY INTERVAL <i>*(if using Centralizers for Artesian wells- indicate the spacing below)</i>		AMOUNT (cubic feet)	
				N/A			

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

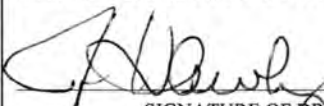
FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
	0'	5'	5'	Caliche	Y ✓ N	
	5'	20'	15'	Sandy Caliche	Y ✓ N	
	20'	25'	5'	Red Sandy Clay	Y ✓ N	
	25'	30'	5'	Sandy Caliche	Y ✓ N	
	30'	40'	10'	Sand	Y ✓ N	
	40'	55'	15'	Red Sandy Clay	Y ✓ N	
	55'	60'	5'	Red Clay	Y ✓ N	
	60'	65'	5'	Sand	Y ✓ N	
	65'	105'	40'	Red Sandy Clay	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input checked="" type="checkbox"/> OTHER – SPECIFY: DTGW Bore					TOTAL ESTIMATED WELL YIELD (gpm): 0.00	

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION: Depth to groundwater bore was gauged for water on 9-2-25. DTGW bore was dry. Temporary well casing was removed, bore hole was backfilled with drill cutting to 10' BGS. Hydrated bentonite hole plug was poured from 10' BGS to surface. Helios (Hackberry) Fed Com 2H	
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Nathan Smelcer	

6. 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 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
	 _____ SIGNATURE OF DRILLER / PRINT SIGNEE NAME	James Hawley _____ DATE

FOR OSE INTERNAL USE

WR-20 WELL RECORD &amp; LOG (Version 09/22/2022)

FILE NO.

POD NO.

TRN NO.

LOCATION

WELL TAG ID NO.

PAGE 2 OF 2





# PLUGGING RECORD



**NOTE:** A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

## I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: CP-2080

Well owner: Devon Energy Production Company, LP

Phone No.: \_\_\_\_\_

Mailing address: 5315 Buena Vista Drive

City: Carlsbad

State: \_\_\_\_\_

NM

Zip code: 88220

## II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: H&R Enterprises, LLC.
- 2) New Mexico Well Driller License No.: WD-1862 Expiration Date: 6-16-27
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s):  
Nathan Smelcer
- 4) Date well plugging began: 9-2-25 Date well plugging concluded: 9-2-25
- 5) GPS Well Location: Latitude: 32 deg, 41 min, 13.02 sec  
Longitude: 103 deg, 54 min, 23.5512 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 105' ft below ground level (bgl),  
by the following manner: well sounder
- 7) Static water level measured at initiation of plugging: DRY ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 7-29-25
- 9) Were all plugging activities consistent with an approved plugging plan? yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

- For each interval plugged, describe within the following columns:**

[illegible]

MULTIPLY		BY	AND OBTAIN
cubic feet	x	7.4805	= gallons
cubic yards	x	201.97	= gallons

I, James Hawley, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

Signature

Signature of Well Driller

9-8-25

Date \_\_\_\_\_



## APPENDIX B

# Environmental Desktop Review

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## United States Department of the Interior

FISH AND WILDLIFE SERVICE  
New Mexico Ecological Services Field Office  
2105 Osuna Road Ne  
Albuquerque, NM 87113-1001  
Phone: (505) 346-2525 Fax: (505) 346-2542



In Reply Refer To:  
Project Code: 2025-0119838  
Project Name: Helios 6 Fed Com 6H

07/09/2025 21:25:43 UTC

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

Thank you for your recent request for information on federally listed species and important wildlife habitats that may occur in your project area. The U.S. Fish and Wildlife Service (Service) has responsibility for certain species of New Mexico wildlife under the Endangered Species Act (ESA) of 1973 as amended (16 USC 1531 *et seq.*), the Migratory Bird Treaty Act as amended (16 USC 701-715), and the Bald and Golden Eagle Protection Act as amended (16 USC 668-668(c)). We are providing the following guidance to assist you in determining which federally imperiled species may or may not occur within your project area, and to recommend some conservation measures that can be included in your project design.

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the ESA of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the ESA, the accuracy of this species list should be verified after 90 days. The Service recommends that verification be completed by visiting the IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the IPaC system by completing the same process used to receive the enclosed list.

The purpose of the ESA is to provide a means whereby threatened and endangered species and

the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the ESA and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (NEPA; 42 USC 4332(2) (c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at <https://www.fws.gov/sites/default/files/documents/endangered-species-consultation-handbook.pdf>.

### **Candidate Species and Other Sensitive Species**

A list of candidate and other sensitive species in your area is also attached. Candidate species and other sensitive species are species that have no legal protection under the ESA, although we recommend that candidate and other sensitive species be included in your surveys and considered for planning purposes. The Service monitors the status of these species. If significant declines occur, these species could potentially be listed. Therefore, actions that may contribute to their decline should be avoided.

Lists of sensitive species including State-listed endangered and threatened species are compiled by New Mexico State agencies. These lists, along with species information, can be found at the following websites.

Biota Information System of New Mexico (BISON-M): [www.bison-m.org](http://www.bison-m.org)

New Mexico State Forestry. The New Mexico Endangered Plant Program:  
<https://www.emnrd.nm.gov/sfd/rare-plants/>

New Mexico Rare Plant Technical Council, New Mexico Rare Plants: [nmrareplants.unm.edu](http://nmrareplants.unm.edu)

Natural Heritage New Mexico, online species database: [nhnm.unm.edu](http://nhnm.unm.edu)



## WETLANDS AND FLOODPLAINS

Under Executive Orders 11988 and 11990, Federal agencies are required to minimize the destruction, loss, or degradation of wetlands and floodplains, and preserve and enhance their natural and beneficial values. These habitats should be conserved through avoidance, or mitigated to ensure that there would be no net loss of wetlands function and value.

We encourage you to use the National Wetland Inventory (NWI) maps in conjunction with ground-truthing to identify wetlands occurring in your project area. The Service's NWI program website, [www.fws.gov/wetlands/Data/Mapper.html](http://www.fws.gov/wetlands/Data/Mapper.html), integrates digital map data with other resource information. We also recommend you contact the U.S. Army Corps of Engineers for permitting requirements under section 404 of the Clean Water Act if your proposed action could impact floodplains or wetlands.

## MIGRATORY BIRDS

In addition to responsibilities to protect threatened and endangered species under the ESA, there are additional responsibilities under the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA) to protect native birds from project-related impacts. Any activity resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the Service (50 CFR 10.12 and 16 USC 668(a)). For more information regarding these Acts, see <https://www.fws.gov/program/migratory-bird-permit/what-we-do>.

It is the responsibility of the project proponent to comply with these Acts by identifying potential impacts to migratory birds and eagles within applicable NEPA documents (when there is a Federal nexus) or a Bird/Eagle Conservation Plan (when there is no Federal nexus). Proponents should implement conservation measures to avoid or minimize the production of project-related stressors or minimize the exposure of birds and their resources to the project-related stressors. For more information on avian stressors and recommended conservation measures, see <https://www.fws.gov/library/collections/threats-birds>. We also recommend review of the Birds of Conservation Concern list (<https://www.fws.gov/media/birds-conservation-concern-2021>) to fully evaluate the effects to the birds at your site. This list identifies migratory and non-migratory bird species (beyond those already designated as federally threatened or endangered) that represent top conservation priorities for the Service, and are potentially threatened by disturbance, habitat impacts, or other project development activities.

In addition to MBTA and BGEPA, Executive Order 13186: *Responsibilities of Federal Agencies to Protect Migratory Birds*, obligates all Federal agencies that engage in or authorize activities that might affect migratory birds, to minimize those effects and encourage conservation measures that will improve bird populations. Executive Order 13186 thereby provides additional protection for both migratory birds and migratory bird habitat. Please visit <https://www.fws.gov/partner/council-conservation-migratory-birds> for information regarding the implementation of Executive Order 13186.

We suggest you contact the New Mexico Department of Game and Fish, and the New Mexico

Project code: 2025-0119838

07/09/2025 21:25:43 UTC

Energy, Minerals, and Natural Resources Department, Forestry Division for information regarding State protected and at-risk species fish, wildlife, and plants.

For further consultation with the Service we recommend submitting inquiries or assessments electronically to our incoming email box at [nmesfo@fws.gov](mailto:nmesfo@fws.gov), where it will be more promptly routed to the appropriate biologist for review.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Code in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List
- Bald & Golden Eagles
- Migratory Birds

## OFFICIAL SPECIES LIST

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

**New Mexico Ecological Services Field Office**  
2105 Osuna Road Ne  
Albuquerque, NM 87113-1001  
(505) 346-2525

Project code: 2025-0119838

07/09/2025 21:25:43 UTC

## PROJECT SUMMARY

Project Code: 2025-0119838

Project Name: Helios 6 Fed Com 6H

Project Type: Oil & Gas Well Maintenance

Project Description: Environmental review for a site in Eddy County, New Mexico

Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@32.69064145,-103.90848875989776,14z>



Counties: Eddy County, New Mexico

## ENDANGERED SPECIES ACT SPECIES

There is a total of 4 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries<sup>1</sup>, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

- 
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Project code: 2025-0119838

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## BIRDS

NAME	STATUS
Northern Aplomado Falcon <i>Falco femoralis septentrionalis</i> Population: U.S.A (AZ, NM) No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/1923">https://ecos.fws.gov/ecp/species/1923</a> General project design guidelines: <a href="https://ipac.ecosphere.fws.gov/project/ZIJLJYGNBZEI5BH5OST42NYO4E/documents/generated/8928.pdf">https://ipac.ecosphere.fws.gov/project/ZIJLJYGNBZEI5BH5OST42NYO4E/documents/generated/8928.pdf</a>	Experimental Population, Non- Essential
Piping Plover <i>Charadrius melodus</i> Population: [Atlantic Coast and Northern Great Plains populations] - Wherever found, except those areas where listed as endangered. There is <b>final</b> critical habitat for this species. Your location does not overlap the critical habitat. Species profile: <a href="https://ecos.fws.gov/ecp/species/6039">https://ecos.fws.gov/ecp/species/6039</a>	Threatened

## CLAMS

NAME	STATUS
Texas Hornshell <i>Popenaias popeii</i> There is <b>proposed</b> critical habitat for this species. Your location does not overlap the critical habitat. Species profile: <a href="https://ecos.fws.gov/ecp/species/919">https://ecos.fws.gov/ecp/species/919</a> General project design guidelines: <a href="https://ipac.ecosphere.fws.gov/project/ZIJLJYGNBZEI5BH5OST42NYO4E/documents/generated/9180.pdf">https://ipac.ecosphere.fws.gov/project/ZIJLJYGNBZEI5BH5OST42NYO4E/documents/generated/9180.pdf</a>	Endangered

## INSECTS

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> There is <b>proposed</b> critical habitat for this species. Your location does not overlap the critical habitat. Species profile: <a href="https://ecos.fws.gov/ecp/species/9743">https://ecos.fws.gov/ecp/species/9743</a>	Proposed Threatened

## CRITICAL HABITATS

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

## BALD & GOLDEN EAGLES

Bald and Golden Eagles are protected under the Bald and Golden Eagle Protection Act <sup>2</sup> and the Migratory Bird Treaty Act (MBTA) <sup>1</sup>. Any person or organization who plans or conducts activities that may result in impacts to Bald or Golden Eagles, or their habitats, should follow

appropriate regulations and consider implementing appropriate avoidance and minimization measures, as described in the various links on this page.

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1. The [Bald and Golden Eagle Protection Act](#) of 1940.
2. The [Migratory Birds Treaty Act](#) of 1918.
3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

Bald and Golden Eagles are protected under the Bald and Golden Eagle Protection Act and the Migratory Bird Treaty Act (MBTA). Any person or organization who plans or conducts activities that may result in impacts to Bald or Golden Eagles, or their nests, should follow appropriate regulations and implement required avoidance and minimization measures, as described in the various links on this page.

The data in this location indicates that no eagles have been observed in this area. This does not mean eagles are not present in your project area, especially if the area is difficult to survey. Please review the 'Steps to Take When No Results Are Returned' section of the Supplemental Information on Migratory Birds and Eagles document to determine if your project is in a poorly surveyed area. If it is, you may need to rely on other resources to determine if eagles may be present (e.g. your local FWS field office, state surveys, your own surveys).

Any person or organization who plans or conducts activities that may result in impacts to bald or golden eagles, or their habitats, should follow appropriate regulations and consider implementing appropriate conservation measures, as described in the links below. Specifically, please review the "Supplemental Information on Migratory Birds and Eagles".

## MIGRATORY BIRDS

The Migratory Bird Treaty Act (MBTA) <sup>1</sup> prohibits the take (including killing, capturing, selling, trading, and transport) of protected migratory bird species without prior authorization by the Department of Interior U.S. Fish and Wildlife Service (Service).

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1. The [Migratory Birds Treaty Act](#) of 1918.
2. The [Bald and Golden Eagle Protection Act](#) of 1940.
3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, see the "Probability of Presence Summary" below to see when these birds are most likely to be present and breeding in your project area.



NAME	BREEDING SEASON
Cactus Wren <i>Campylorhynchus brunneicapillus guttatus</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA <a href="https://ecos.fws.gov/ecp/species/8834">https://ecos.fws.gov/ecp/species/8834</a>	Breeds Mar 5 to Sep 30
Cassin's Sparrow <i>Peucaea cassinii</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA <a href="https://ecos.fws.gov/ecp/species/9512">https://ecos.fws.gov/ecp/species/9512</a>	Breeds Aug 1 to Oct 10
Henry's Common Nighthawk <i>Chordeiles minor henryi</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA <a href="https://ecos.fws.gov/ecp/species/11979">https://ecos.fws.gov/ecp/species/11979</a>	Breeds May 21 to Aug 25

PROBABILITY OF PRESENCE SUMMARY

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read "[Supplemental Information on Migratory Birds and Eagles](#)", specifically the FAQ section titled "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Green bars; the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during that week of the year.

Breeding Season (■)

Yellow bars; liberal estimate of the timeframe inside which the bird breeds across its entire range.

Survey Effort (|)

Vertical black lines; the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

No Data (—)

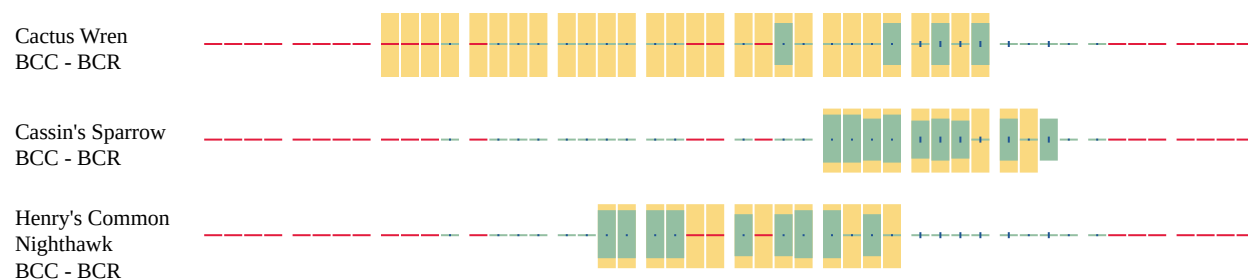
A week is marked as having no data if there were no survey events for that week.

■ probability of presence ■ breeding season | survey effort — no data

SPECIES	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
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Additional information can be found using the following links:

- Eagle Management <https://www.fws.gov/program/eagle-management>
- Measures for avoiding and minimizing impacts to birds <https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds>
- Nationwide avoidance and minimization measures for birds
- Supplemental Information for Migratory Birds and Eagles in IPaC <https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action>

Project code: 2025-0119838

07/09/2025 21:25:43 UTC

## **IPAC USER CONTACT INFORMATION**

Agency: Private Entity  
Name: Trevor Hartwig  
Address: 11049 West 44th Avenue  
City: Wheat Ridge  
State: CO  
Zip: 80033  
Email: thartwig@ensolum.com  
Phone: 3038172989



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**PROJECT INFORMATION**

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**Project Title:** Helios 6 Fed Com 6H  
**Project Type:** ENERGY DEVELOPMENT, OIL AND GAS TRANSMISSION (PIPELINE), OIL AND GAS PIPELINES, MAINTENANCE OR EXISTING AREAS  
**Latitude/Longitude (DMS):** 32.690805 / -103.908553  
**County(s):** EDDY  
**Project Description:** An environmental review for the Helios 6 Fed Com 6H site in Eddy County, New Mexico

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**REQUESTOR INFORMATION**

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**Project Organization:**  
**Contact Name:** Trevor Hartwig  
**Email Address:** thartwig@ensolum.com  
**Organization:** Ensolum, LLC  
**Address:** 11049 West 44th Avenue, Wheat Ridge CO 80033  
**Phone:** 3038172989

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**OVERALL STATUS**

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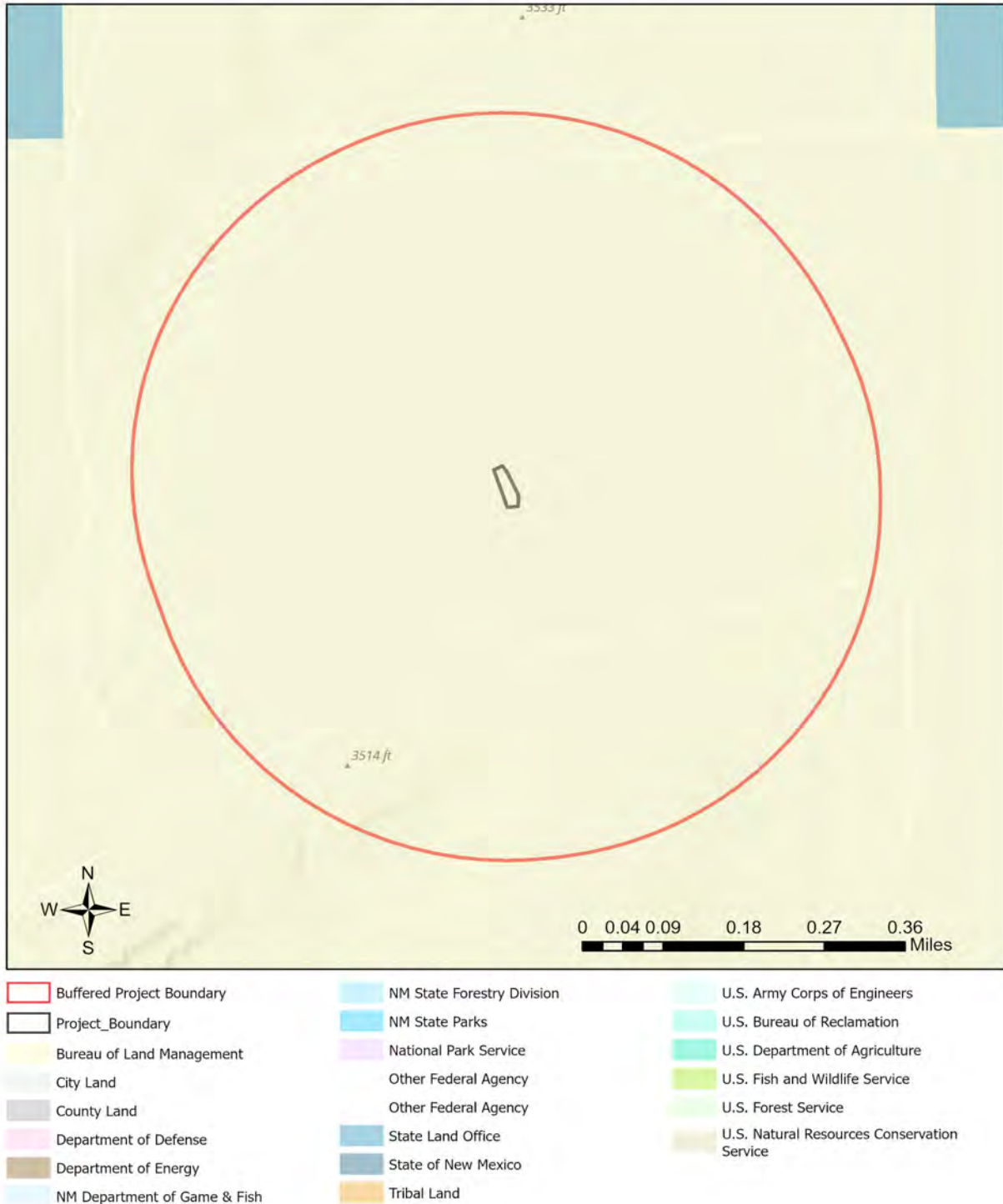
The information contained within this report comprises the recommendations of the New Mexico Department of Game and Fish (Department) for management and mitigation of proposed project impacts to wildlife and habitat resources; see the Project Recommendations section below for further details. No further consultation with the Department is required based on the project's location and, with implementation of mitigation measures described in the Project Recommendations section below, no adverse effects to wildlife or important habitats are anticipated. However, a Department biologist may be in touch within 30 days if they determine that further review is required.

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**About this report:**

- This environmental review is based on the project description and location that was entered. The report must be updated if the project type, area, or operational components are modified.
- This is a preliminary environmental screening assessment and report. It is not a substitute for the potential wildlife knowledge gained by having a biologist conduct a field survey of the project area. Federal status and plant data are provided as a courtesy to users. The review is also not intended to replace consultation required under the federal Endangered Species Act (ESA), including impact analyses for federal resources from the U.S. Fish and Wildlife Service (USFWS) using their [Information for Planning and Consultation tool](#).
- This report contains information on wildlife species protected under the ESA and the [Wildlife Conservation Act \(WCA\)](#), [Species of Greatest Conservation Need \(SGCN\)](#), and Species of Economic and Recreational Importance (SERI). Species listed under the ESA are protected from take at the federal level and under the WCA are protected from take at the state level. SGCN are identified in the [State Wildlife Action Plan \(SWAP\) for New Mexico](#); all of these species are considered to be of conservation concern but not all of them are protected from take at the state or federal level. The harvest of all SERI is regulated at the state level. The Department has no authority to designate critical habitat for species listed under the WCA; only the USFWS can designate critical habitat for species listed under the ESA.
- The New Mexico Environmental Review Tool (ERT) utilizes species observation locations and species habitat suitability models, both of which are subject to ongoing change and refinement. Inclusion or omission of a species within a report cannot guarantee species presence or absence within your project area. To determine occurrence of any species listed in this report, or other wildlife that may be present within your project area, onsite surveys conducted by a qualified biologist during appropriate, species-specific survey timelines may be necessary.
- The Department encourages use of the ERT to modify proposed projects for avoidance, minimization, or mitigation of wildlife impacts. However, the ERT is not intended to be used in a repeatedly iterative fashion to adjust project attributes until a previously determined recommendation is generated. The ERT serves to assess impacts once project details are developed. The [New Mexico Crucial Habitat Assessment Tool](#), the data layers from which are included in the ERT, is the appropriate system for advising early-stage project planning and design to avoid areas of anticipated wildlife concerns and associated regulatory requirements.

## Helios 6 Fed Com 6H



NHNM, USGS, USFS, US Census Bureau, NMDGF  
Esri, NASA, NGA, USGS, FEMA  
Esri Community Maps Contributors, New Mexico State University, Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census



## Special Status Animal Species Potentially within 650 Meters of Project Area

Common Name	Scientific Name	USFWS (ESA)	NMDGF (WCA)	NMDGF SGCN/SERI	USFS	USFS SCC	BLM
<a href="#">Boreal Chorus Frog</a>	<a href="#">Pseudacris maculata</a>			SGCN			
<a href="#">Barking Frog</a>	<a href="#">Craugastor augusti</a>			SGCN			
<a href="#">Plains Leopard Frog</a>	<a href="#">Lithobates blairi</a>			SGCN			BLM WATCH
<a href="#">Aplomado Falcon</a>	<a href="#">Falco femoralis</a>		E	SGCN			
<a href="#">Lesser Prairie-Chicken</a>	<a href="#">Typanuchus pallidicinctus</a>	LE		SGCN	Sensitive Species		BLM SENSITIVE
<a href="#">Elf Owl</a>	<a href="#">Micrathene whitneyi</a>			SGCN			BLM WATCH
<a href="#">Western Burrowing Owl</a>	<a href="#">Athene cunicularia hypugaea</a>			SGCN	Sensitive Species	USFS R3 SCC	BLM SENSITIVE
<a href="#">Common Nighthawk</a>	<a href="#">Chordeiles minor</a>			SGCN			
<a href="#">Lewis's Woodpecker</a>	<a href="#">Melanerpes lewis</a>			SGCN		USFS R3 SCC	BLM WATCH
<a href="#">Pygmy Nuthatch</a>	<a href="#">Sitta pygmaea</a>			SGCN			
<a href="#">Sprague's Pipit</a>	<a href="#">Anthus spragueii</a>			SGCN			BLM SENSITIVE
<a href="#">Loggerhead Shrike</a>	<a href="#">Lanius ludovicianus</a>			SGCN		USFS R3 SCC	BLM WATCH
<a href="#">Bell's Vireo</a>	<a href="#">Vireo bellii</a>		T	SGCN			BLM SENSITIVE
<a href="#">Varied Bunting</a>	<a href="#">Passerina versicolor</a>		T	SGCN	Sensitive Species		
<a href="#">Vesper Sparrow</a>	<a href="#">Poocetes gramineus</a>			SGCN			
<a href="#">Thick-billed Longspur</a>	<a href="#">Rhynchophanes mccownii</a>			SGCN			BLM SENSITIVE
<a href="#">Black-Tailed Prairie Dog</a>	<a href="#">Cynomys ludovicianus</a>			SGCN	Sensitive Species		BLM SENSITIVE
<a href="#">Mule Deer</a>	<a href="#">Odocoileus hemionus</a>			SERI			
<a href="#">Pronghorn</a>	<a href="#">Antilocapra americana</a>			SERI			
<a href="#">Desert Massasauga</a>	<a href="#">Sistrurus catenatus edwardsii</a>			SGCN			

Common Name hyperlink takes you to species account in [bison-m.org](https://www.bison-m.org/); Scientific Name hyperlink takes you to information in [NatureServe Explorer](#); ESA = Endangered Species Act, C = Candidate, LE = Listed Endangered, LT = Listed Threatened, XN = Non-essential Experimental Population, for other ESA codes see this [website](#); WCA = Wildlife Conservation Act, E = Endangered, T = Threatened; SERI = Species of Economic and Recreational Importance; SGCN = Species of Greatest Conservation Need; USFS = U.S. Forest Service, Sensitive Species = A species likely to occur on USFS lands that is of concern for a potential reduction in population viability; SCC = Species of Conservation

Concern; BLM = Bureau of Land Management, BLM SENSITIVE = A species that occurs on BLM lands and whose viability is at risk, BLM WATCH = Species that may be added to the sensitive species list in future pending new information regarding species status.

## Project Recommendations

Open trenches excavated for underground water or oil and gas pipelines, powerlines, or fiber optic communication lines can unintentionally entrap and cause the unnecessary mortality of amphibians, reptiles, and small mammals, and can cause injury to large mammals. Trapped animals can die from exposure, starvation, crushing from pipe-laying, entombment from trenching backfilling, drowning, and predation. This unnecessary wildlife mortality can be avoided by implementing conservation measures including: concurrent trenching, pipe-laying, and backfilling operations to minimize the amount of trench left open overnight or longer; construction escape ramps; and employing biological monitors to remove trapped animals. Periods of highest activity for amphibians and reptiles vulnerable to entrapment include summer months and wet weather, and they can be active both day and night. Small mammals subject to entrapment are active year-round and generally most active at night.

Implementing the general trenching conservation measures outlined in the Department's [Trenching Project Guidelines](#) will help minimize unnecessary mortality of wildlife. Best management practices should include, at minimum, the following mitigation measures.

- Whenever possible, locate trenching activities within previously disturbed areas, such as existing road or pipeline right-of-ways. To the extent possible, avoid trenching in undisturbed habitat.
- Trench during the cooler months (October – March).
- Utilize concurrent trenching, pipe- or cable-laying, and backfilling. Keep trenching, pipe- or cable-laying, and backfilling crews as close together as possible to minimize the amount of open trench at any given time. When trenching activities are temporarily halted (e.g., overnight, weekends, holidays, weather shutdowns), protect wildlife from accessing any open trench between digging and backfilling operations by using one or more of the methods described below.
- Avoid leaving trenches open overnight. When trenches cannot be backfilled immediately, escape ramps should be constructed at least every 90 meters and preferably 30 meters. Escape ramps can be constructed parallel or perpendicular to the existing trench. The escape ramp slope should be less than 45 degrees (1:1). If pipe or cable has been installed but backfilling has not occurred, escape ramps may need to be constructed on both sides of the trench, since, unless the pipe is elevated enough to allow animals to move underneath it, the pipe or cable may block access of amphibians, reptiles, and small mammals to the ramps if only constructed on one side.
- Trenches that have been left open overnight should be inspected the following day by a qualified biological monitor and trapped animals removed as soon as possible, especially where state- or federally-listed threatened or endangered amphibians, reptiles, or small mammals occur. Untrained personnel should not attempt to remove trapped wildlife because of the potential to injure animals and the possibility of injury from venomous snakes. Required tools for removal will include snake tongs for removing snakes and a dip net for capturing and removing amphibians and small mammals. Many animals trapped in a trench will burrow under loose soil. To the extent possible, the biological monitor should disturb loose soil in the trench to uncover and remove trapped animals. Animals should be relocated at least 50 meters away from the open trench in undisturbed habitat.
- When pipe has been laid in the trench, end caps should be placed on the open end(s) of the pipe to preclude animals from entering. Pipe staged outside the trench should be capped until placed in the trench or checked for wildlife before being placed into the trench.
- Most wildlife can be protected by constructing silt fence completely around the open trench. Silt fence should be supported from sagging by t-posts, rebar, or stakes and buried at the base to preclude animals from moving below the fence. If construction of a silt fence is a required best management practice for erosion control, then, to preclude the need for a biological monitor, escape ramps, and concurrent backfilling, the guidelines for silt fence installation and maintenance in the [Trenching Project Guidelines](#) should be followed.

Our preliminary assessment indicates your project occurs in Lesser Prairie-chicken Crucial Habitat Category 3 (Modeled Habitat Zone).

The Lesser Prairie-chicken (*Tympanuchus pallidicinctus*) (LPC) was designated as a SGCN in New Mexico and the southern Distinct Population Segment, including populations in New Mexico and Texas, is federally listed as Endangered. The LPC Interstate Working Group has developed the Southern Great Plains Crucial Habitat Assessment Tool ([SGP-CHAT](#)) to designate and prioritize areas for LPC conservation activities and development. Our preliminary assessment indicates your project occurs in LPC habitat. For more information on the SGP-CHAT, contact Chanda Pettie, Industry LPC Program Contact with the Western Association of Fish and Wildlife Agencies, at (719) 207-5053 or [chanda.pettie@wafwa.org](mailto:chanda.pettie@wafwa.org).

If your project has potential to lead to take (including harassment, harm, pursuit, hunting, shooting, wounding, killing, trapping, capturing, collecting, or attempting to engage in these activities) of a LPC and you entered into the Candidate Conservation Agreement (CCA) or CCA with Assurances (CCAA) for the LPC with [CEHMM](#), the Department recommends you contact CEHMM (575-885-3700). If your project may lead to take of a LPC and you did not enter the CCA/A with CEHMM, the Department recommends you contact Lauren Rangel, at 505-761-4745 or [lauren\\_rangel@fws.gov](mailto:lauren_rangel@fws.gov), who is the species lead for the LPC in the Ecological Services Office with USFWS. She is also the contact for the rangewide renewable energy Habitat Conservation Plan (HCP) if relevant for your project. The Department recommends a qualified, permitted biologist conduct surveys for the LPC according to these [Lesser Prairie-chicken Survey Protocols](#) (or others recommended by USFWS) and following any training as required by USFWS.

Burrowing owl (*Athene cunicularia*) may occur within your project area. Burrowing owls are protected from take by the Migratory Bird Treaty Act and under New Mexico state statute. Before any ground disturbing activities occur, the Department recommends that a preliminary burrowing owl survey be conducted by a qualified biologist using the Department's [Burrowing Owl Survey Protocol](#). Should burrowing owls be documented in the project area, please contact the Department or USFWS for further recommendations regarding relocation or avoidance of impacts.

Prairie dog colonies may occur within the vicinity of your project area. Both black-tailed prairie dogs (*Cynomys ludovicianus*) and Gunnison's prairie dogs (*Cynomys gunnisoni*) are designated as New Mexico SGCN, and their colonies provide important habitat for other grassland wildlife. Wherever possible, occupied prairie dog colonies should be left undisturbed, and all project activities should be directed off the colony. Any burrows that are located on the project site should be surveyed by a qualified biologist to determine whether burrows are active or inactive and whether burrowing owls may be utilizing the site. Colonies within the range of the black-tailed prairie dog can be surveyed by a qualified biologist diurnally, year-round using binoculars. Colonies within the range of the Gunnison's prairie dog can be surveyed by a qualified biologist diurnally, using binoculars during the warmer months from April through October and by searching for fairly fresh scat and lack of cobwebs or debris at the mouths of burrows during the cold months (November through March). If ground-disturbing activities cannot be relocated off the prairie dog colony, or if project activities involve control of prairie dogs, the Department recommends live-trapping and relocation of prairie dogs. The Department can provide recommendations regarding suitability of potential translocation areas and procedures.



**Disclaimers regarding recommendations:**


- The Department provides technical guidance to support the persistence of all protected species of native fish and wildlife, including game and nongame wildlife species. Species listed within this report include those that have been documented to occur within the project area, and others that may not have been documented but are projected to occur within the project vicinity.
- Recommendations are provided by the Department under the authority of § 17-1-5.1 New Mexico Statutes Annotated 1978, to provide "communication and consultation with federal and other state agencies, local governments and communities, private organizations and affected interests responsible for habitat, wilderness, recreation, water quality and environmental protection to ensure comprehensive conservation services for hunters, anglers and nonconsumptive wildlife users".
- The Department has no authority for management of plants or Important Plant Areas. The [New Mexico Endangered Plant Program](#), under the Energy, Minerals, and Natural Resources Department's Forestry Division, identifies and develops conservation measures necessary to ensure the survival of plant species within New Mexico. Plant status information is provided within this report as a courtesy to users. Recommendations provided within the ERT may not be sufficient to preclude impacts to rare or sensitive plants, unless conservation measures are identified in coordination with the Endangered Plant Program.
- Additional coordination and/or consultation may also be necessary under the federal ESA or National Environmental Policy Act (NEPA). Further site-specific mitigation recommendations may be proposed during ESA consultation and/or NEPA analyses or through coordination with affected federal agencies.




## APPENDIX C


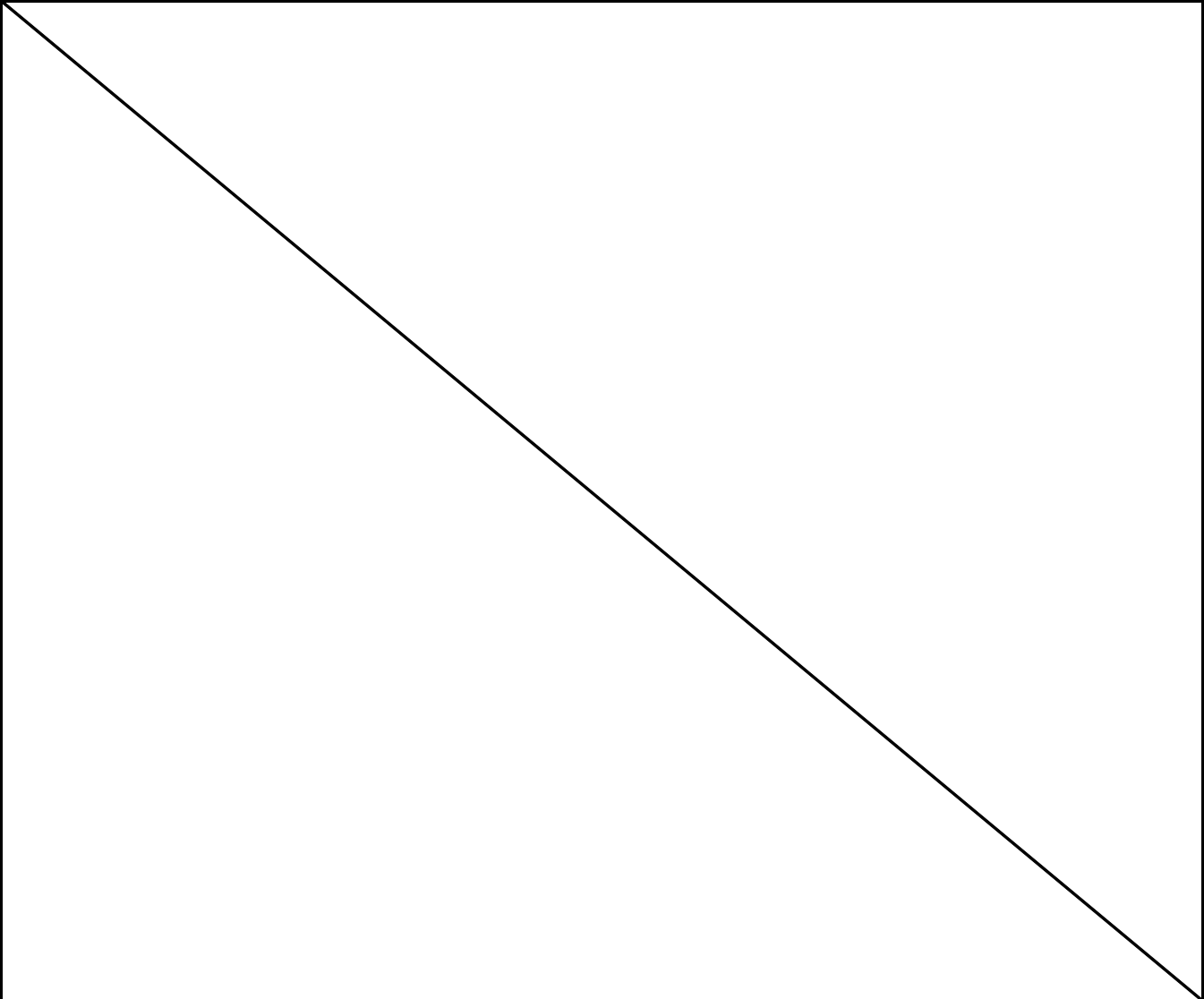
### Lithologic Soil Sampling Logs


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								Sample Name: BH01	Date: 7/24/2025
								Site Name: Helios 6 Fed Com 2H Battery	
								Incident Number: nAPP2517748107	
								Job Number: 03A1987184	
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>								Logged By: JM/ US	Method: Hand Auger
Coordinates: 32.690559, -103.908509								Hole Diameter: 3" & 6"	Total Depth: 80'
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. Air Rotary Drill used for 2-80' on 8/26/2025.									
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions	
M			N	BH01	0	0			
M			N	BH01	0.5	0.5			
M			N	BH01	1	1	CL	(0-1') Silty Clay - Dark Brown to Black, Very Fine, with Trace Medium to Large Gravel, Cohesive, Medium Plasticity, Poorly Graded, Massive	
D	16,564		N			2			
D	12,689		N			3			
D	13,837		N	BH01	4	4	SP-SM	(2-5') SAND with silt, brown, fine to medium grain, noncohesive and poorly graded.	
D	15,120		N			5			
D	10,735		N			6			
D	9,122		N			7			
D	13,837		N			8			
D	11,664		N			9	CHHE	(6-12') CALICHE, tan, fine to coarse grain, noncohesive and well graded.	
D	13,837		N	BH01	10	10			
D	11,664		N			12			
D	10,735		N			14	SW	(14-16') SAND with few silt, brown, fine grain.	


								Sample Name: BH01	Date: 07/24/2025
								Site Name: Helios 6 Fed Com 2H Battery	
								Incident Number: nAPP2517748107	
								Job Number: 03A1987184	
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: JM/ US	Method: Hand Auger
Coordinates: 32.690559, -103.908509								Hole Diameter: 3" & 6"	Total Depth: 80'
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. Air Rotary Drill used for 2-80' on 8/26/2025.									
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions	
D	10,735		N	BH01	16	16	SW	(14-16') SAND with little silt, brown, fine to coarse, grain, noncohesive.	
D	10,735		N			18			
M	9,122		N	BH01	20	20			
M	10,735		N			25			
M	10,735		N	BH01	30	30		(18-40') SAND with few silt, brown, fine grain, noncohesive.	
M	6,641		N			35			
D	1,528		N			40	SP		
D	526.4		N	BH01	45	45		(45') SAND with few clay, brown, fine grain, nonplastic.	
D	655.2		N			50			
D	728		N			55		(50-60') SAND with few silt, brown, fine grain, noncohesive.	
D	526.4		N	BH01	60	60			
D	655.2		N			65			
D	464.8		N	BH01	70	70	SP-SM	(65-70') SAND with silt, brown, fine grain, noncohesive.	




 <b>ENSOLUM</b>								Sample Name: BH01		Date: 07/24/2025	
								Site Name: Helios 6 Fed Com 2H Battery			
								Incident Number: nAPP2517748107			
								Job Number: 03A1987184			
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>								Logged By: JM/ US		Method: Hand Auger	
Coordinates: 32.690559, -103.908509								Hole Diameter: 3" & 6"		Total Depth: 80'	
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. Air Rotary Drill used for 2-80' on 8/26/2025.											
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions			
D	464.8		N			75	SP	(75-80') SAND with some clay, brown, fine grain, nonplastic.			
D	156.8		N			80					
Total Depth @ 80 feet bgs											
											


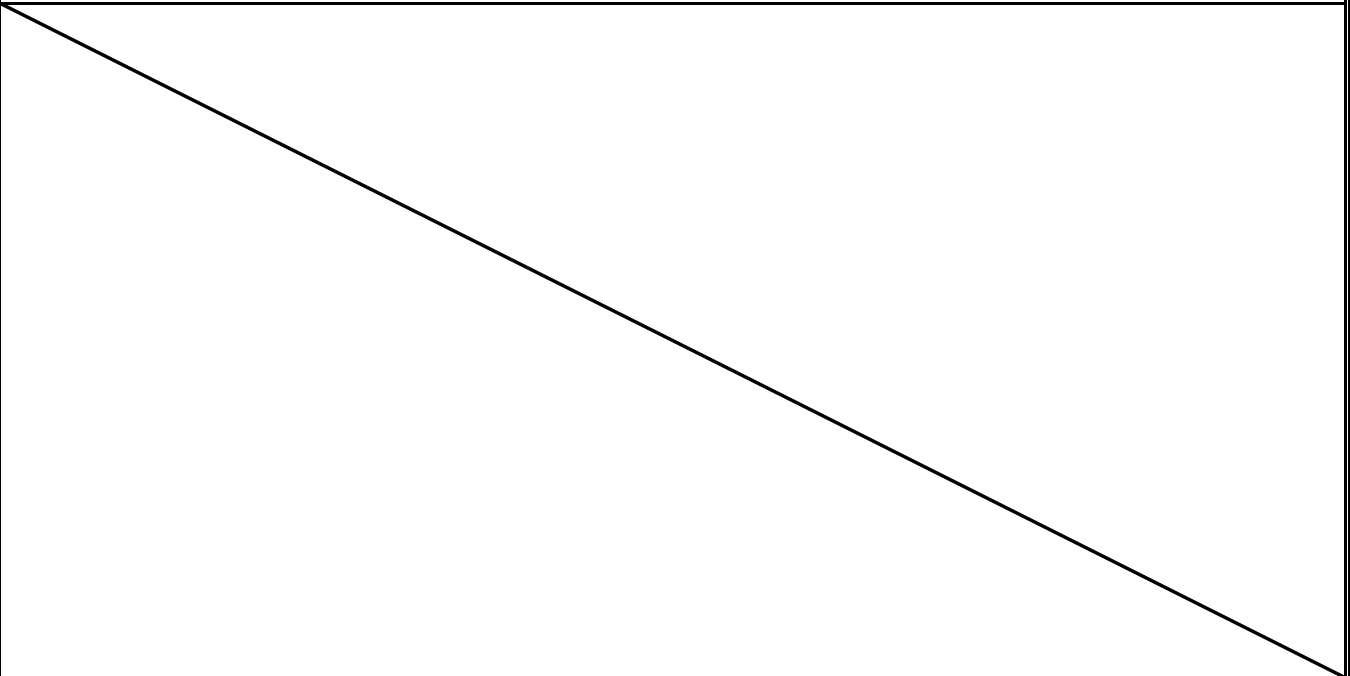
								Sample Name: BH02		Date: 07/24/25	
								Site Name: Helios 6 Fed Com 2H Battery			
								Incident Number: nAPP2517748107			
								Job Number: 03A1987184			
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>								Logged By: JM/ US		Method: Hand Auger	
Coordinates: 32.690666,-103.908535								Hole Diameter: 3" & 6"		Total Depth: 80'	
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. Air Rotary Drill used for 7-80' on 8/25/2025.											
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions			
M			N	BH02		0	CL	(0-6') Silty Clay - Dark Brown to Black, Very Fine, with Trace Medium to Large Gravel, Cohesive, Medium Plasticity, Poorly Graded, Massive			
M			N		0.5						
M			N		1						
M			N		2						
M			N		3						
M			N		4						
M			N		5		SW	(7-10') SAND with little silt, fine to coarse grain, tan, noncohesive.			
M			N		6						
D	15,120		N		7						
D	13,837		N		8						
D	12,689		N		9						
D	13,837		N	BH02	10						
D	12,689		N		11		SP	(11-30') SAND with few silt, bottom layer brown, top, layer tan, fine to medium grain, noncohesive.			
D	8,422		N		12						


								Sample Name: BH02		Date: 07/24/25	
								Site Name: Helios 6 Fed Com 2H Battery			
								Incident Number: nAPP2517748107			
								Job Number: 03A1987184			
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>								Logged By: JM/ US		Method: Hand Auger	
Coordinates: 32.690666,-103.908535								Hole Diameter: 3" & 6"		Total Depth: 80'	
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. Air Rotary Drill used for 7-80' on 8/25/2025.											
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions			
D	6,137		N	BH02	14	14	SP	(14-16') Fine grain, brown			
D	9,122		N			16					
M	11,664		N			18					
M	11,664		N	BH02	20	20		(18-20') Fine to coarse grain.			
M	5,667		N			22					
M	4,452		N			24		(22-41') Brown and fine grain; has sheen.			
M	6,641		N	BH02	26	26					
M	3,343		N			28	(26-28') With some silt.				
M	3,589		N	BH02	30	30					
M	2,912		N			31	SP-SM	(30-41') Silty Sand, brown, fine to medium grain, noncohesive.			
M	3,119		N			33					
M	3,343		N	BH02	35	35					
M	2,912		N			37					


								Sample Name: BH02		Date: 07/24/25	
								Site Name: Helios 6 Fed Com 2H Battery			
								Incident Number: nAPP2517748107			
								Job Number: 03A1987184			
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>								Logged By: JM/ US		Method: Hand Auger	
Coordinates: 32.690666,-103.908535								Hole Diameter: 3" & 6"		Total Depth: 80'	
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. Air Rotary Drill used for 7-80' on 8/25/2025.											
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions			
D	2,553		N	BH02	41	39	SP-SM	(41') Traces of gypsum.			
D	1,108		N			41					
D	1,495		N			42					
D	1,719		N	BH02	45	43	SC	(42-45') Clayey Sand, brown, fine grain, nonplastic.			
D	856		N			45		(45-46') With few silt.			
D	1,198		N			46		(46-60') Clayey Sand, brown, fine grain, nonplastic.			
D	856		N			48					
D	856		N			49					
M	1,293		N	BH02	50	50					
D	1,019		N			52					
D	1,019		N			53					
D	856		N			54					
D	515		N	BH02	56	56					

								Sample Name: BH02		Date: 07/24/25	
								Site Name: Helios 6 Fed Com 2H Battery			
								Incident Number: nAPP2517748107			
								Job Number: 03A1987184			
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>								Logged By: JM/ US		Method: Hand Auger	
Coordinates: 32.690666,-103.908535								Hole Diameter: 3" & 6"		Total Depth: 80'	
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. Air Rotary Drill used for 7-80' on 8/25/2025.											
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions			
D	711		N			58		(42-60') Clayey Sand, brown, fine grain, nonplastic.			
D	856		N	BH02	60	60	SC				
D	526.4		N	BH02	62	62	SP-SM	(62-80') Silty Sand, brown, fine grain, noncohesive.			
D	800		N			63					
D	3,012		N	BH02	65	65					
D	963		N	BH02	70	70					
D	268		N	BH02	75	75					
D	268		N			80					
Total Depth @ 80 feet bgs											



								Sample Name: BH03		Date: 07/24/2025	
								Site Name: Helios 6 Fed Com 2H Battery			
								Incident Number: nAPP2517748107			
								Job Number: 03A1987184			
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>								Logged By: JM/ US		Method: Hand Auger	
Coordinates: 32.690576,-103.908583								Hole Diameter: 3" & 6"		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. Air Rotary Drill used for 2-5' on 8/25/2025.											
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions			
D			N	BH03	0	0	CCHE	(0-4") Road Caliche - White to Light Brown, Very Fine with Small to Large Gravel, Non-cohesive, Nonplastic, Poorly Graded			
M			N			0.5					
M			N			1	CL	(4"-1') Silty Clay - Dark Brown to Black, Very Fine, with Trace Medium to Large Gravel, Cohesive, Medium Plasticity, Poorly Graded, Massive			
M	2,553.6		N	BH03	2	2	SP	SAND with little silt, dark brown, fine grain, noncohesive.			
D	1,019.2		N			3					
D	397.6		N	BH03	4	4	SW	(3-5') SAND with some silt, tan, fine to coarse, grain, noncohesive.			
D	453.6		N			5					
Total Depth @ 5 feet bgs											
											

								Sample Name: BH04		Date: 07/24/2025	
								Site Name: Helios 6 Fed Com 2H Battery			
								Incident Number: nAPP2517748107			
								Job Number: 03A1987184			
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>								Logged By: JM/ US		Method: Hand Auger	
Coordinates: 32.690678,-103.908621								Hole Diameter: 3" & 6"		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. Air Rotary Drill used for 2-4' on 8/25/2025.											
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions			
M			N	BH04	0	0	CL	(0-1') Silty Clay - Dark Brown to Black, Very Fine, with Trace Medium to Large Gravel, Cohesive, Medium Plasticity, Poorly Graded, Massive			
M			N			0.5					
M			N			1					
D	1,601.6		N	BH04	2	2	SW	(2-4') SAND with some silt, tan, fine to coarse, grain, noncohesive.			
D	246.4		N	BH04	3	3					
D	207.2		N			4					
Total Depth @ 4 feet bgs											

 <b>ENSOLUM</b>					Sample Name: BH05		Date: 07/24/2025	
					Site Name: Helios 6 Fed Com 2H Battery			
					Incident Number: nAPP2517748107			
					Job Number: 03A1987184			
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>					Logged By: JM/ US		Method: Hand Auger	
Coordinates: 32.690659,-103.908716					Hole Diameter: 3" & 6"		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. Air Rotary Drill used for 2-4' on 8/26/2025.								
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
M			N	BH05	0	0		
M			N			0.5		
M			N			1	CL	(0-1') Silty Clay - Dark Brown to Black, Very Fine, with Trace Medium to Large Gravel, Cohesive, Medium Plasticity, Poorly Graded, Massive
D	1,601.6		N	BH05	2	2		
D	246.4		N	BH05	3	3	SW	(2-3') SAND with trace silt, brown, fine to coarse, grain, noncohesive.
D	207.2		N			4	CCHE	CALICHE, tan, fine to coarse grain, well graded, noncohesive.
Total Depth @ 4 feet bgs								



## APPENDIX D

### Photographic Log

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### Photographic Log

Devon Energy Production Company, LP  
Helios 6 Fed Com 2H Battery - Offsite Polyline  
nAPP2517748107



Photograph 1  
Date: 6/26/2025  
Description: Spill area  
View: North



Photograph 2  
Date: 6/26/2025  
Description: Spill area  
View: North



Photograph 3  
Date: 7/1/2025  
Description: Delineation  
View: South



Photograph 4  
Date: 7/1/2025  
Description: Delineation  
View: North





### Photographic Log

Devon Energy Production Company, LP  
Helios 6 Fed Com 2H Battery - Offsite Polyline  
nAPP2517748107



Photograph 5  
Description: Delineation  
View: East

Date: 7/7/2025



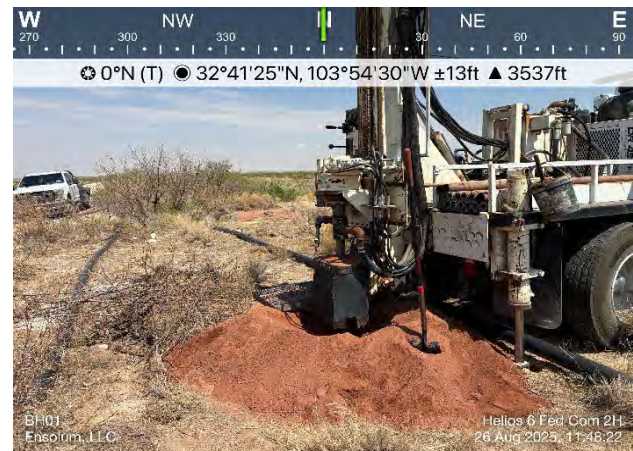
Photograph 6  
Description: Delineation  
View: West

Date: 7/24/2025



Photograph 7  
Description: Delineation  
View: Southeast

Date: 8/25/2025



Photograph 8  
Description: Delineation  
View: North

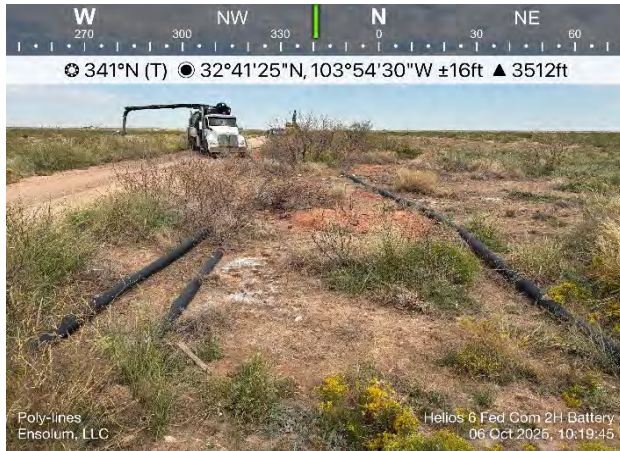
Date: 8/26/2025





### Photographic Log

Devon Energy Production Company, LP  
Helios 6 Fed Com 2H Battery - Offsite Polyline  
nAPP2517748107



Photograph 9  
Description: Hydrovac  
View: North

Date: 10/6/2025



Photograph 10  
Description: Excavation  
View: North

Date: 10/6/2025



Photograph 11  
Description: Excavation  
View: West

Date: 10/7/2025



Photograph 12  
Description: Excavation  
View: North

Date: 10/8/2025





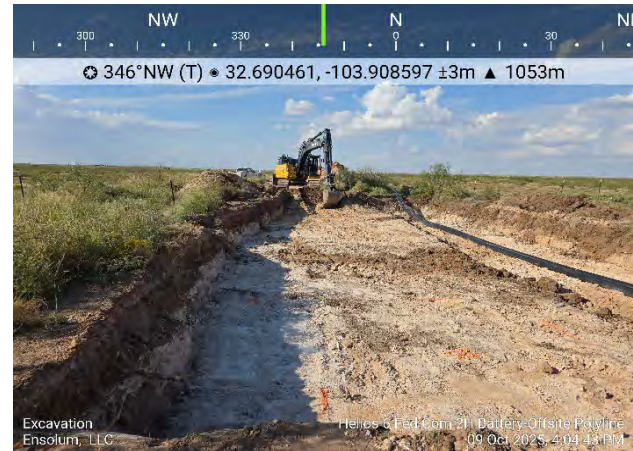
### Photographic Log

Devon Energy Production Company, LP  
Helios 6 Fed Com 2H Battery - Offsite Polyline  
nAPP2517748107



Photograph 13  
Description: Excavation  
View: North

Date: 10/8/2025



Photograph 14  
Description: Excavation  
View: North

Date: 10/9/2025



Photograph 15  
Description: Excavation  
View: North

Date: 10/10/2025



Photograph 16  
Description: Backfill/ rebuild road  
View: North

Date: 10/10/2025





### Photographic Log

Devon Energy Production Company, LP  
Helios 6 Fed Com 2H Battery - Offsite Polyline  
nAPP2517748107



Photograph 17  
Description: Excavation  
View: Southeast

Date:10/13/2025



Photograph 18  
Description: Excavation  
View: Northwest

Date:10/13/2025



Photograph 19  
Description: Excavation  
View: Northeast

Date:10/14/2025



Photograph 20  
Description: Excavation  
View: North

Date:10/14/2025



**Photographic Log**

Devon Energy Production Company, LP  
Helios 6 Fed Com 2H Battery - Offsite Polyline  
nAPP2517748107



Photograph 21  
Description: Backfill  
View: Northeast

Date:11/14/2025



Photograph 22  
Description: Backfill  
View: North

Date:11/14/2025



Photograph 23  
Description: Backfill  
View: North

Date:11/14/2025



## APPENDIX E

### Laboratory Analytical Reports & Chain-of-Custody Documentation

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Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Devon Energy - Carlsbad

Project Name: Helios 6 Fed Com 2H Battery

Work Order: E507022

Job Number: 01058-0007

Received: 7/3/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
7/10/25

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 7/10/25

Ashley Giovengo  
6488 7 Rivers Hwy  
Artesia, NM 88210



Project Name: Helios 6 Fed Com 2H Battery  
Workorder: E507022  
Date Received: 7/3/2025 12:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/3/2025 12:00:00AM, under the Project Name: Helios 6 Fed Com 2H Battery.

The analytical test results summarized in this report with the Project Name: Helios 6 Fed Com 2H Battery apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
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Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
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Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	07/10/25 09:37

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS01-0'	E507022-01A	Soil	07/01/25	07/02/25	Glass Jar, 2 oz.
SS01-1'	E507022-02A	Soil	07/01/25	07/02/25	Glass Jar, 2 oz.
SS02-0'	E507022-03A	Soil	07/01/25	07/02/25	Glass Jar, 2 oz.
SS02-1'	E507022-04A	Soil	07/01/25	07/02/25	Glass Jar, 2 oz.
SS03-0'	E507022-05A	Soil	07/01/25	07/02/25	Glass Jar, 2 oz.
SS03-1'	E507022-06A	Soil	07/01/25	07/02/25	Glass Jar, 2 oz.
SS04-0'	E507022-07A	Soil	07/01/25	07/02/25	Glass Jar, 2 oz.
SS04-1'	E507022-08A	Soil	07/01/25	07/02/25	Glass Jar, 2 oz.



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
7/10/2025 9:37:29AM

**SS01-0'**

**E507022-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2527089	
Benzene	ND	0.0250	1	07/02/25	07/04/25	
Ethylbenzene	ND	0.0250	1	07/02/25	07/04/25	
Toluene	ND	0.0250	1	07/02/25	07/04/25	
o-Xylene	ND	0.0250	1	07/02/25	07/04/25	
p,m-Xylene	ND	0.0500	1	07/02/25	07/04/25	
Total Xylenes	ND	0.0250	1	07/02/25	07/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.7 %	70-130	07/02/25	07/04/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2527089	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/02/25	07/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		106 %	70-130	07/02/25	07/04/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2528055	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>		109 %	61-141	07/08/25	07/09/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2528046	
Chloride	296	20.0	1	07/08/25	07/09/25	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
7/10/2025 9:37:29AM

SS01-1'

E507022-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2527089	
Benzene	ND	0.0250	1	07/02/25	07/04/25	
Ethylbenzene	ND	0.0250	1	07/02/25	07/04/25	
Toluene	ND	0.0250	1	07/02/25	07/04/25	
o-Xylene	ND	0.0250	1	07/02/25	07/04/25	
p,m-Xylene	ND	0.0500	1	07/02/25	07/04/25	
Total Xylenes	ND	0.0250	1	07/02/25	07/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.4 %	70-130		07/02/25	07/04/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2527089	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/02/25	07/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	106 %	70-130		07/02/25	07/04/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2528055	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	109 %	61-141		07/08/25	07/09/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2528046	
Chloride	61.1	20.0	1	07/08/25	07/09/25	





## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
7/10/2025 9:37:29AM

SS02-0'

E507022-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2527089
Benzene	ND	0.0250	1	07/02/25	07/04/25	
Ethylbenzene	ND	0.0250	1	07/02/25	07/04/25	
Toluene	ND	0.0250	1	07/02/25	07/04/25	
o-Xylene	ND	0.0250	1	07/02/25	07/04/25	
p,m-Xylene	ND	0.0500	1	07/02/25	07/04/25	
Total Xylenes	ND	0.0250	1	07/02/25	07/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.4 %	70-130		07/02/25	07/04/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2527089
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/02/25	07/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	103 %	70-130		07/02/25	07/04/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2528055
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	107 %	61-141		07/08/25	07/09/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2528046
Chloride	59.4	20.0	1	07/08/25	07/09/25	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
7/10/2025 9:37:29AM

SS02-1'

E507022-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2527089
Benzene	ND	0.0250	1	07/02/25	07/03/25	
Ethylbenzene	ND	0.0250	1	07/02/25	07/03/25	
Toluene	ND	0.0250	1	07/02/25	07/03/25	
o-Xylene	ND	0.0250	1	07/02/25	07/03/25	
p,m-Xylene	ND	0.0500	1	07/02/25	07/03/25	
Total Xylenes	ND	0.0250	1	07/02/25	07/03/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	07/02/25	07/03/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2527089
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/02/25	07/03/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.4 %	70-130	07/02/25	07/03/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2528055
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
		110 %	61-141	07/08/25	07/09/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2528046
Chloride	ND	20.0	1	07/08/25	07/09/25	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
7/10/2025 9:37:29AM

SS03-0'

E507022-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2527089
Benzene	ND	0.0250	1	07/02/25	07/04/25	
Ethylbenzene	ND	0.0250	1	07/02/25	07/04/25	
Toluene	ND	0.0250	1	07/02/25	07/04/25	
o-Xylene	ND	0.0250	1	07/02/25	07/04/25	
p,m-Xylene	ND	0.0500	1	07/02/25	07/04/25	
Total Xylenes	ND	0.0250	1	07/02/25	07/04/25	
Surrogate: 4-Bromochlorobenzene-PID	94.9 %	70-130		07/02/25	07/04/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2527089
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/02/25	07/04/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	104 %	70-130		07/02/25	07/04/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2528055
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
Surrogate: n-Nonane	108 %	61-141		07/08/25	07/09/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2528046
Chloride	269	20.0	1	07/08/25	07/09/25	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
7/10/2025 9:37:29AM

SS03-1'

E507022-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2527089	
Benzene	ND	0.0250	1	07/02/25	07/04/25	
Ethylbenzene	ND	0.0250	1	07/02/25	07/04/25	
Toluene	ND	0.0250	1	07/02/25	07/04/25	
o-Xylene	ND	0.0250	1	07/02/25	07/04/25	
p,m-Xylene	ND	0.0500	1	07/02/25	07/04/25	
Total Xylenes	ND	0.0250	1	07/02/25	07/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.4 %	70-130	07/02/25	07/04/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2527089	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/02/25	07/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		107 %	70-130	07/02/25	07/04/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2528055	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>		105 %	61-141	07/08/25	07/09/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2528046	
Chloride	135	20.0	1	07/08/25	07/09/25	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
7/10/2025 9:37:29AM

SS04-0'

E507022-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2527089	
Benzene	ND	0.0250	1	07/02/25	07/04/25	
Ethylbenzene	ND	0.0250	1	07/02/25	07/04/25	
Toluene	ND	0.0250	1	07/02/25	07/04/25	
o-Xylene	ND	0.0250	1	07/02/25	07/04/25	
p,m-Xylene	ND	0.0500	1	07/02/25	07/04/25	
Total Xylenes	ND	0.0250	1	07/02/25	07/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.9 %	70-130		07/02/25	07/04/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2527089	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/02/25	07/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	102 %	70-130		07/02/25	07/04/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2528055	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	107 %	61-141		07/08/25	07/09/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2528046	
Chloride	98.5	20.0	1	07/08/25	07/09/25	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
7/10/2025 9:37:29AM

SS04-1'

E507022-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2527089	
Benzene	ND	0.0250	1	07/02/25	07/04/25	
Ethylbenzene	ND	0.0250	1	07/02/25	07/04/25	
Toluene	ND	0.0250	1	07/02/25	07/04/25	
o-Xylene	ND	0.0250	1	07/02/25	07/04/25	
p,m-Xylene	ND	0.0500	1	07/02/25	07/04/25	
Total Xylenes	ND	0.0250	1	07/02/25	07/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.0 %	70-130	07/02/25	07/04/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2527089	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/02/25	07/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		102 %	70-130	07/02/25	07/04/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2528055	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>		112 %	61-141	07/08/25	07/09/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2528046	
Chloride	138	20.0	1	07/08/25	07/09/25	





## QC Summary Data

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/10/2025 9:37:29AM

## Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2527089-BLK1)

Prepared: 07/02/25 Analyzed: 07/03/25

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	7.79		8.00		97.4	70-130			

## LCS (2527089-BS1)

Prepared: 07/02/25 Analyzed: 07/03/25

Benzene	4.92	0.0250	5.00		98.4	70-130			
Ethylbenzene	4.95	0.0250	5.00		98.9	70-130			
Toluene	4.94	0.0250	5.00		98.8	70-130			
o-Xylene	4.96	0.0250	5.00		99.2	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	7.73		8.00		96.6	70-130			

## Matrix Spike (2527089-MS1)

Source: E507022-04

Prepared: 07/02/25 Analyzed: 07/03/25

Benzene	4.94	0.0250	5.00	ND	98.8	70-130			
Ethylbenzene	4.94	0.0250	5.00	ND	98.8	70-130			
Toluene	4.95	0.0250	5.00	ND	99.0	70-130			
o-Xylene	4.98	0.0250	5.00	ND	99.7	70-130			
p,m-Xylene	10.0	0.0500	10.0	ND	100	70-130			
Total Xylenes	15.0	0.0250	15.0	ND	100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.94		8.00		99.2	70-130			

## Matrix Spike Dup (2527089-MSD1)

Source: E507022-04

Prepared: 07/02/25 Analyzed: 07/03/25

Benzene	5.10	0.0250	5.00	ND	102	70-130	3.24	27	
Ethylbenzene	5.05	0.0250	5.00	ND	101	70-130	2.08	26	
Toluene	5.08	0.0250	5.00	ND	102	70-130	2.56	20	
o-Xylene	5.04	0.0250	5.00	ND	101	70-130	1.18	25	
p,m-Xylene	10.2	0.0500	10.0	ND	102	70-130	1.73	23	
Total Xylenes	15.3	0.0250	15.0	ND	102	70-130	1.55	26	
Surrogate: 4-Bromochlorobenzene-PID	7.82		8.00		97.7	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/10/2025 9:37:29AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2527089-BLK1) Prepared: 07/02/25 Analyzed: 07/03/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.02		8.00		100	70-130			

LCS (2527089-BS2) Prepared: 07/02/25 Analyzed: 07/03/25

Gasoline Range Organics (C6-C10)	44.7	20.0	50.0		89.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.74		8.00		96.7	70-130			

Matrix Spike (2527089-MS2) Source: E507022-04 Prepared: 07/02/25 Analyzed: 07/03/25

Gasoline Range Organics (C6-C10)	55.8	20.0	50.0	ND	112	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.16		8.00		102	70-130			

Matrix Spike Dup (2527089-MSD2) Source: E507022-04 Prepared: 07/02/25 Analyzed: 07/03/25

Gasoline Range Organics (C6-C10)	49.0	20.0	50.0	ND	98.1	70-130	12.8	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.95		8.00		99.4	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/10/2025 9:37:29AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2528055-BLK1)					Prepared: 07/08/25 Analyzed: 07/08/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.0		50.0		108	61-141			

LCS (2528055-BS1)					Prepared: 07/08/25 Analyzed: 07/08/25				
Diesel Range Organics (C10-C28)	270	25.0	250		108	66-144			
Surrogate: n-Nonane	51.8		50.0		104	61-141			

Matrix Spike (2528055-MS1)					Source: E507019-02		Prepared: 07/08/25 Analyzed: 07/08/25		
Diesel Range Organics (C10-C28)	283	25.0	250	ND	113	56-156			
Surrogate: n-Nonane	53.5		50.0		107	61-141			

Matrix Spike Dup (2528055-MSD1)					Source: E507019-02		Prepared: 07/08/25 Analyzed: 07/08/25		
Diesel Range Organics (C10-C28)	291	25.0	250	ND	117	56-156	2.93	20	
Surrogate: n-Nonane	55.8		50.0		112	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/10/2025 9:37:29AM

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 (2528046-BLK1)					Prepared: 07/08/25 Analyzed: 07/08/25				
Chloride	ND	20.0							
LCS (2528046-BS1)					Prepared: 07/08/25 Analyzed: 07/08/25				
Chloride	258	20.0	250		103	90-110			
Matrix Spike (2528046-MS1)					Source: E507019-05		Prepared: 07/08/25 Analyzed: 07/09/25		
Chloride	440	20.0	250	172	107	80-120			
Matrix Spike Dup (2528046-MSD1)					Source: E507019-05		Prepared: 07/08/25 Analyzed: 07/09/25		
Chloride	460	20.0	250	172	115	80-120	4.44	20	

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	07/10/25 09:37

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

Client Information				Invoice Information				Lab Use Only				TAT				State					
Client: Devon				Company: Devon Energy				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX		
Project: Helios 6 Fed Com 2H Battery				Address: 5315 Buena Vista Dr				E507022		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@dnv.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	TCFQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA			
																	Compliance	Y	or	N	
																	PWSID #				
																	Sample Temp			Remarks	
11:01	7/1/2025	Soil	1	SS01 - 0'		1								X			4.8				
11:05	7/1/2025	Soil	1	SS01 - 1'		2								X			4.4				
10:04	7/1/2025	Soil	1	SS02 - 0'		3								X			4.3				
11:06	7/1/2025	Soil	1	SS02 - 1'		4								X			4.8				
10:08	7/1/2025	Soil	1	SS03 - 0'		5								X			4.6				
10:14	7/1/2025	Soil	1	SS03 - 1'		6								X			4.8				
11:37	7/1/2025	Soil	1	SS04 - 0'		7								X			4.7				
11:38	7/1/2025	Soil	1	SS04 - 1'		8								X			4.2				
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dnv.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		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temperature above 0 but less than 6°C on subsequent days.									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time											
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time											
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time											
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time											
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																					
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																					
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																					



## Envirotech Analytical Laboratory

Printed: 7/3/2025 1:08:24PM

## 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:	07/03/25 00:00	Work Order ID:	E507022
Phone:	(505) 382-1211	Date Logged In:	07/02/25 14:58	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	07/10/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? Yes

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Devon Energy - Carlsbad

Project Name: Helios 6 Fed Com 2H Battery

Work Order: E507076

Job Number: 01058-0007

Received: 7/9/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
7/15/25

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 7/15/25

Ashley Giovengo  
6488 7 Rivers Hwy  
Artesia, NM 88210



Project Name: Helios 6 Fed Com 2H Battery  
Workorder: E507076  
Date Received: 7/9/2025 8:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/9/2025 8:30:00AM, under the Project Name: Helios 6 Fed Com 2H Battery.

The analytical test results summarized in this report with the Project Name: Helios 6 Fed Com 2H Battery apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
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Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	Reported: 07/15/25 09:12
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS05-0'	E507076-01A	Soil	07/07/25	07/09/25	Glass Jar, 2 oz.
SS05-1'	E507076-02A	Soil	07/07/25	07/09/25	Glass Jar, 2 oz.



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
7/15/2025 9:12:14AM

**SS05-0'**

**E507076-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2528109	
Benzene	ND	0.0250	1	07/09/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/09/25	07/11/25	
Toluene	ND	0.0250	1	07/09/25	07/11/25	
o-Xylene	ND	0.0250	1	07/09/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/09/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/09/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	84.2 %	70-130		07/09/25	07/11/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2528109	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	92.7 %	70-130		07/09/25	07/11/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KH		Batch: 2528171	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/11/25	07/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/11/25	07/13/25	
<i>Surrogate: n-Nonane</i>	92.0 %	61-141		07/11/25	07/13/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2528139	
Chloride	26.2	20.0	1	07/09/25	07/12/25	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
7/15/2025 9:12:14AM

SS05-1'

E507076-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2528109
Benzene	ND	0.0250	1	07/09/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/09/25	07/11/25	
Toluene	ND	0.0250	1	07/09/25	07/11/25	
o-Xylene	ND	0.0250	1	07/09/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/09/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/09/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.0 %	70-130		07/09/25	07/11/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2528109
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.7 %	70-130		07/09/25	07/11/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2528171
Diesel Range Organics (C10-C28)	ND	25.0	1	07/11/25	07/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/11/25	07/13/25	
<i>Surrogate: n-Nonane</i>						
	92.1 %	61-141		07/11/25	07/13/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2528139
Chloride	ND	20.0	1	07/09/25	07/12/25	





## QC Summary Data

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/15/2025 9:12:14AM

## Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2528109-BLK1)

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

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	6.71		8.00		83.8	70-130			

## LCS (2528109-BS1)

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

Benzene	4.71	0.0250	5.00		94.3	70-130			
Ethylbenzene	4.63	0.0250	5.00		92.6	70-130			
Toluene	4.69	0.0250	5.00		93.8	70-130			
o-Xylene	4.60	0.0250	5.00		92.0	70-130			
p,m-Xylene	9.38	0.0500	10.0		93.8	70-130			
Total Xylenes	14.0	0.0250	15.0		93.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.76		8.00		84.5	70-130			

## Matrix Spike (2528109-MS1)

Source: E507075-02

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

Benzene	4.32	0.0250	5.00	ND	86.4	70-130			
Ethylbenzene	4.23	0.0250	5.00	ND	84.7	70-130			
Toluene	4.29	0.0250	5.00	ND	85.8	70-130			
o-Xylene	4.19	0.0250	5.00	ND	83.8	70-130			
p,m-Xylene	8.58	0.0500	10.0	ND	85.8	70-130			
Total Xylenes	12.8	0.0250	15.0	ND	85.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.95		8.00		86.9	70-130			

## Matrix Spike Dup (2528109-MSD1)

Source: E507075-02

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

Benzene	4.11	0.0250	5.00	ND	82.3	70-130	4.90	27	
Ethylbenzene	4.01	0.0250	5.00	ND	80.1	70-130	5.50	26	
Toluene	4.07	0.0250	5.00	ND	81.3	70-130	5.40	20	
o-Xylene	3.95	0.0250	5.00	ND	79.0	70-130	5.93	25	
p,m-Xylene	8.09	0.0500	10.0	ND	80.9	70-130	5.78	23	
Total Xylenes	12.0	0.0250	15.0	ND	80.3	70-130	5.83	26	
Surrogate: 4-Bromochlorobenzene-PID	7.03		8.00		87.9	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/15/2025 9:12:14AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2528109-BLK1) Prepared: 07/09/25 Analyzed: 07/09/25

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

LCS (2528109-BS2) Prepared: 07/09/25 Analyzed: 07/09/25

Gasoline Range Organics (C6-C10)	46.0	20.0	50.0		92.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.66		8.00		95.7	70-130			

Matrix Spike (2528109-MS2) Source: E507075-02 Prepared: 07/09/25 Analyzed: 07/09/25

Gasoline Range Organics (C6-C10)	50.0	20.0	50.0	ND	100	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.79		8.00		97.3	70-130			

Matrix Spike Dup (2528109-MSD2) Source: E507075-02 Prepared: 07/09/25 Analyzed: 07/09/25

Gasoline Range Organics (C6-C10)	43.3	20.0	50.0	ND	86.7	70-130	14.4	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.66		8.00		95.7	70-130			



## QC Summary Data

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/15/2025 9:12:14AM

## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2528171-BLK1)

Prepared: 07/11/25 Analyzed: 07/13/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	45.7		50.0		91.5	61-141			

## LCS (2528171-BS1)

Prepared: 07/11/25 Analyzed: 07/13/25

Diesel Range Organics (C10-C28)	224	25.0	250		89.6	66-144			
Surrogate: n-Nonane	46.7		50.0		93.4	61-141			

## Matrix Spike (2528171-MS1)

Source: E507069-15

Prepared: 07/11/25 Analyzed: 07/13/25

Diesel Range Organics (C10-C28)	230	25.0	250	ND	91.9	56-156			
Surrogate: n-Nonane	46.6		50.0		93.1	61-141			

## Matrix Spike Dup (2528171-MSD1)

Source: E507069-15

Prepared: 07/11/25 Analyzed: 07/13/25

Diesel Range Organics (C10-C28)	224	25.0	250	ND	89.5	56-156	2.69	20	
Surrogate: n-Nonane	46.1		50.0		92.1	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/15/2025 9:12:14AM

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 (2528139-BLK1)					Prepared: 07/09/25 Analyzed: 07/12/25				
Chloride	ND	20.0							
LCS (2528139-BS1)					Prepared: 07/09/25 Analyzed: 07/12/25				
Chloride	259	20.0	250		104	90-110			
Matrix Spike (2528139-MS1)					Source: E507067-04		Prepared: 07/09/25 Analyzed: 07/12/25		
Chloride	269	20.0	250	ND	107	80-120			
Matrix Spike Dup (2528139-MSD1)					Source: E507067-04		Prepared: 07/09/25 Analyzed: 07/12/25		
Chloride	269	20.0	250	ND	108	80-120	0.148	20	

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	07/15/25 09:12

- 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.



WO# 21631934

## Chain of Custody

Page 1 of 1

Received by OCD: 11/19/2025 9:27:26 AM

Client Information				Invoice Information		Lab Use Only		TAT		State									
Client: Devon				Company: Devon Energy		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX				
Project: Helios 6 Fed Com 2H Battery				Address: 5315 Buena Vista Dr		E507076	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@dv.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	BTX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BIGDOC - NM	BIGDOC - TX	SDWA	CWA	RCRA	
11:04	7/7/2025	Soil	1	SS05 - 0'		1													
11:11	7/7/2025	Soil	1	SS05 - 1'		2													
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dv.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	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: Y/N													
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																			
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

## Envirotech Analytical Laboratory

Printed: 7/9/2025 9:39:55AM

## 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:	07/09/25 08:30	Work Order ID:	E507076
Phone:	(505) 382-1211	Date Logged In:	07/08/25 13:55	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	07/15/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? Yes

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.



Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Devon Energy - Carlsbad

Project Name: Helios 6 Fed Com 6H Battery

Work Order: E507318

Job Number: 01058-0007

Received: 7/28/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
8/1/25

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 8/1/25

Ashley Giovengo  
6488 7 Rivers Hwy  
Artesia, NM 88210



Project Name: Helios 6 Fed Com 6H Battery  
Workorder: E507318  
Date Received: 7/28/2025 7:30:51AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/28/2025 7:30:51AM, under the Project Name: Helios 6 Fed Com 6H Battery.

The analytical test results summarized in this report with the Project Name: Helios 6 Fed Com 6H Battery apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

**Walter Hinchman**  
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## Sample Summary

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 6H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/01/25 08:29

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01-0'	E507318-01A	Soil	07/24/25	07/28/25	Glass Jar, 2 oz.
BH01-0.5'	E507318-02A	Soil	07/24/25	07/28/25	Glass Jar, 2 oz.
BH01-1'	E507318-03A	Soil	07/24/25	07/28/25	Glass Jar, 2 oz.
BH02-0'	E507318-04A	Soil	07/24/25	07/28/25	Glass Jar, 2 oz.
BH02-0.5'	E507318-05A	Soil	07/24/25	07/28/25	Glass Jar, 2 oz.
BH02-1'	E507318-06A	Soil	07/24/25	07/28/25	Glass Jar, 2 oz.
BH02-2'	E507318-07A	Soil	07/24/25	07/28/25	Glass Jar, 2 oz.
BH02-4'	E507318-08A	Soil	07/24/25	07/28/25	Glass Jar, 2 oz.
BH02-6'	E507318-09A	Soil	07/24/25	07/28/25	Glass Jar, 2 oz.
BH03-0'	E507318-10A	Soil	07/24/25	07/28/25	Glass Jar, 2 oz.
BH03-0.5'	E507318-11A	Soil	07/24/25	07/28/25	Glass Jar, 2 oz.
BH03-1'	E507318-12A	Soil	07/24/25	07/28/25	Glass Jar, 2 oz.
BH04-0'	E507318-13A	Soil	07/24/25	07/28/25	Glass Jar, 2 oz.
BH04-0.5'	E507318-14A	Soil	07/24/25	07/28/25	Glass Jar, 2 oz.
BH04-1'	E507318-15A	Soil	07/24/25	07/28/25	Glass Jar, 2 oz.
BH05-0'	E507318-16A	Soil	07/24/25	07/28/25	Glass Jar, 2 oz.
BH05-0.5'	E507318-17A	Soil	07/24/25	07/28/25	Glass Jar, 2 oz.
BH05-1'	E507318-18A	Soil	07/24/25	07/28/25	Glass Jar, 2 oz.



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 6H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
8/1/2025 8:29:06AM

BH01-0'

E507318-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2531062
Benzene	ND	0.0250	1	07/29/25	07/30/25	
Ethylbenzene	ND	0.0250	1	07/29/25	07/30/25	
Toluene	ND	0.0250	1	07/29/25	07/30/25	
o-Xylene	ND	0.0250	1	07/29/25	07/30/25	
p,m-Xylene	ND	0.0500	1	07/29/25	07/30/25	
Total Xylenes	ND	0.0250	1	07/29/25	07/30/25	
Surrogate: Bromofluorobenzene		106 %	70-130	07/29/25	07/30/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	07/29/25	07/30/25	
Surrogate: Toluene-d8		103 %	70-130	07/29/25	07/30/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2531062
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/25	07/30/25	
Surrogate: Bromofluorobenzene		106 %	70-130	07/29/25	07/30/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	07/29/25	07/30/25	
Surrogate: Toluene-d8		103 %	70-130	07/29/25	07/30/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2531105
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/25	07/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/30/25	07/30/25	
Surrogate: n-Nonane		92.0 %	61-141	07/30/25	07/30/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2531093
Chloride	15200	200	10	07/30/25	07/30/25	





## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 6H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
8/1/2025 8:29:06AM

BH01-0.5'

E507318-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2531062
Benzene	ND	0.0250	1	07/29/25	07/30/25	
Ethylbenzene	ND	0.0250	1	07/29/25	07/30/25	
Toluene	ND	0.0250	1	07/29/25	07/30/25	
o-Xylene	ND	0.0250	1	07/29/25	07/30/25	
p,m-Xylene	ND	0.0500	1	07/29/25	07/30/25	
Total Xylenes	ND	0.0250	1	07/29/25	07/30/25	
Surrogate: Bromofluorobenzene		109 %	70-130	07/29/25	07/30/25	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130	07/29/25	07/30/25	
Surrogate: Toluene-d8		101 %	70-130	07/29/25	07/30/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2531062
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/25	07/30/25	
Surrogate: Bromofluorobenzene		109 %	70-130	07/29/25	07/30/25	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130	07/29/25	07/30/25	
Surrogate: Toluene-d8		101 %	70-130	07/29/25	07/30/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2531105
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/25	07/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/30/25	07/30/25	
Surrogate: n-Nonane		93.4 %	61-141	07/30/25	07/30/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2531093
Chloride	18000	200	10	07/30/25	07/30/25	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 6H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
8/1/2025 8:29:06AM

BH01-1'

E507318-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2531062
Benzene	ND	0.0250	1	07/29/25	07/30/25	
Ethylbenzene	ND	0.0250	1	07/29/25	07/30/25	
Toluene	<b>0.627</b>	0.0250	1	07/29/25	07/30/25	
o-Xylene	ND	0.0250	1	07/29/25	07/30/25	
p,m-Xylene	ND	0.0500	1	07/29/25	07/30/25	
Total Xylenes	ND	0.0250	1	07/29/25	07/30/25	
Surrogate: Bromofluorobenzene		112 %	70-130	07/29/25	07/30/25	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130	07/29/25	07/30/25	
Surrogate: Toluene-d8		103 %	70-130	07/29/25	07/30/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2531062
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/25	07/30/25	
Surrogate: Bromofluorobenzene		112 %	70-130	07/29/25	07/30/25	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130	07/29/25	07/30/25	
Surrogate: Toluene-d8		103 %	70-130	07/29/25	07/30/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2531105
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/25	07/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/30/25	07/30/25	
Surrogate: n-Nonane		89.8 %	61-141	07/30/25	07/30/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2531093
Chloride	<b>16700</b>	400	20	07/30/25	07/30/25	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 6H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
8/1/2025 8:29:06AM

BH02-0'

E507318-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2531062
Benzene	ND	0.0250	1	07/29/25	07/30/25	
Ethylbenzene	ND	0.0250	1	07/29/25	07/30/25	
Toluene	ND	0.0250	1	07/29/25	07/30/25	
o-Xylene	ND	0.0250	1	07/29/25	07/30/25	
p,m-Xylene	ND	0.0500	1	07/29/25	07/30/25	
Total Xylenes	ND	0.0250	1	07/29/25	07/30/25	
Surrogate: Bromofluorobenzene		110 %	70-130	07/29/25	07/30/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	07/29/25	07/30/25	
Surrogate: Toluene-d8		103 %	70-130	07/29/25	07/30/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2531062
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/25	07/30/25	
Surrogate: Bromofluorobenzene		110 %	70-130	07/29/25	07/30/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	07/29/25	07/30/25	
Surrogate: Toluene-d8		103 %	70-130	07/29/25	07/30/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2531105
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/25	07/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/30/25	07/30/25	
Surrogate: n-Nonane		94.6 %	61-141	07/30/25	07/30/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2531093
Chloride	6200	200	10	07/30/25	07/30/25	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 6H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
8/1/2025 8:29:06AM

BH02-0.5'

E507318-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2531062
Benzene	ND	0.0250	1	07/29/25	07/30/25	
Ethylbenzene	ND	0.0250	1	07/29/25	07/30/25	
Toluene	ND	0.0250	1	07/29/25	07/30/25	
o-Xylene	ND	0.0250	1	07/29/25	07/30/25	
p,m-Xylene	ND	0.0500	1	07/29/25	07/30/25	
Total Xylenes	ND	0.0250	1	07/29/25	07/30/25	
Surrogate: Bromofluorobenzene		107 %	70-130	07/29/25	07/30/25	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130	07/29/25	07/30/25	
Surrogate: Toluene-d8		102 %	70-130	07/29/25	07/30/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2531062
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/25	07/30/25	
Surrogate: Bromofluorobenzene		107 %	70-130	07/29/25	07/30/25	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130	07/29/25	07/30/25	
Surrogate: Toluene-d8		102 %	70-130	07/29/25	07/30/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2531105
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/25	07/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/30/25	07/30/25	
Surrogate: n-Nonane		94.7 %	61-141	07/30/25	07/30/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2531093
Chloride	5990	100	5	07/30/25	07/30/25	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 6H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
8/1/2025 8:29:06AM

BH02-1'

E507318-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2531062
Benzene	ND	0.0250	1	07/29/25	07/30/25	
Ethylbenzene	ND	0.0250	1	07/29/25	07/30/25	
Toluene	ND	0.0250	1	07/29/25	07/30/25	
o-Xylene	ND	0.0250	1	07/29/25	07/30/25	
p,m-Xylene	ND	0.0500	1	07/29/25	07/30/25	
Total Xylenes	ND	0.0250	1	07/29/25	07/30/25	
Surrogate: Bromofluorobenzene		110 %	70-130	07/29/25	07/30/25	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	07/29/25	07/30/25	
Surrogate: Toluene-d8		102 %	70-130	07/29/25	07/30/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2531062
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/25	07/30/25	
Surrogate: Bromofluorobenzene		110 %	70-130	07/29/25	07/30/25	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	07/29/25	07/30/25	
Surrogate: Toluene-d8		102 %	70-130	07/29/25	07/30/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2531105
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/25	07/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/30/25	07/30/25	
Surrogate: n-Nonane		93.4 %	61-141	07/30/25	07/30/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2531093
Chloride	5480	100	5	07/30/25	07/30/25	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 6H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
8/1/2025 8:29:06AM

BH02-2'

E507318-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2531062
Benzene	ND	0.0250	1	07/29/25	07/30/25	
Ethylbenzene	ND	0.0250	1	07/29/25	07/30/25	
Toluene	ND	0.0250	1	07/29/25	07/30/25	
o-Xylene	ND	0.0250	1	07/29/25	07/30/25	
p,m-Xylene	ND	0.0500	1	07/29/25	07/30/25	
Total Xylenes	ND	0.0250	1	07/29/25	07/30/25	
Surrogate: Bromofluorobenzene		108 %	70-130	07/29/25	07/30/25	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130	07/29/25	07/30/25	
Surrogate: Toluene-d8		103 %	70-130	07/29/25	07/30/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2531062
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/25	07/30/25	
Surrogate: Bromofluorobenzene		108 %	70-130	07/29/25	07/30/25	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130	07/29/25	07/30/25	
Surrogate: Toluene-d8		103 %	70-130	07/29/25	07/30/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2531105
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/25	07/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/30/25	07/30/25	
Surrogate: n-Nonane		91.7 %	61-141	07/30/25	07/30/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2531093
Chloride	6450	100	5	07/30/25	07/30/25	





## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 6H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
8/1/2025 8:29:06AM

**BH02-4'**  
**E507318-08**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2531062
Benzene	ND	0.0250	1	07/29/25	07/30/25	
Ethylbenzene	ND	0.0250	1	07/29/25	07/30/25	
Toluene	ND	0.0250	1	07/29/25	07/30/25	
o-Xylene	ND	0.0250	1	07/29/25	07/30/25	
p,m-Xylene	ND	0.0500	1	07/29/25	07/30/25	
Total Xylenes	ND	0.0250	1	07/29/25	07/30/25	
Surrogate: Bromofluorobenzene		107 %	70-130	07/29/25	07/30/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	07/29/25	07/30/25	
Surrogate: Toluene-d8		102 %	70-130	07/29/25	07/30/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2531062
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/25	07/30/25	
Surrogate: Bromofluorobenzene		107 %	70-130	07/29/25	07/30/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	07/29/25	07/30/25	
Surrogate: Toluene-d8		102 %	70-130	07/29/25	07/30/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2531105
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/25	07/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/30/25	07/30/25	
Surrogate: n-Nonane		93.7 %	61-141	07/30/25	07/30/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2531093
Chloride	7190	100	5	07/30/25	07/30/25	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 6H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
8/1/2025 8:29:06AM

BH02-6'

E507318-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2531062
Benzene	ND	0.0250	1	07/29/25	07/30/25	
Ethylbenzene	ND	0.0250	1	07/29/25	07/30/25	
Toluene	ND	0.0250	1	07/29/25	07/30/25	
o-Xylene	ND	0.0250	1	07/29/25	07/30/25	
p,m-Xylene	ND	0.0500	1	07/29/25	07/30/25	
Total Xylenes	ND	0.0250	1	07/29/25	07/30/25	
Surrogate: Bromofluorobenzene		109 %	70-130	07/29/25	07/30/25	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130	07/29/25	07/30/25	
Surrogate: Toluene-d8		102 %	70-130	07/29/25	07/30/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2531062
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/25	07/30/25	
Surrogate: Bromofluorobenzene		109 %	70-130	07/29/25	07/30/25	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130	07/29/25	07/30/25	
Surrogate: Toluene-d8		102 %	70-130	07/29/25	07/30/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2531105
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/25	07/31/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/30/25	07/31/25	
Surrogate: n-Nonane		91.7 %	61-141	07/30/25	07/31/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2531093
Chloride	5850	100	5	07/30/25	07/30/25	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 6H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
8/1/2025 8:29:06AM

BH03-0'

E507318-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2531062
Benzene	ND	0.0250	1	07/29/25	07/30/25	
Ethylbenzene	ND	0.0250	1	07/29/25	07/30/25	
Toluene	ND	0.0250	1	07/29/25	07/30/25	
o-Xylene	ND	0.0250	1	07/29/25	07/30/25	
p,m-Xylene	ND	0.0500	1	07/29/25	07/30/25	
Total Xylenes	ND	0.0250	1	07/29/25	07/30/25	
Surrogate: Bromofluorobenzene		110 %	70-130	07/29/25	07/30/25	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	07/29/25	07/30/25	
Surrogate: Toluene-d8		102 %	70-130	07/29/25	07/30/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2531062
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/25	07/30/25	
Surrogate: Bromofluorobenzene		110 %	70-130	07/29/25	07/30/25	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	07/29/25	07/30/25	
Surrogate: Toluene-d8		102 %	70-130	07/29/25	07/30/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2531105
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/25	07/31/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/30/25	07/31/25	
Surrogate: n-Nonane		95.4 %	61-141	07/30/25	07/31/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2531093
Chloride	6030	100	5	07/30/25	07/30/25	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 6H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
8/1/2025 8:29:06AM

BH03-0.5'

E507318-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2531062
Benzene	ND	0.0250	1	07/29/25	07/30/25	
Ethylbenzene	ND	0.0250	1	07/29/25	07/30/25	
Toluene	ND	0.0250	1	07/29/25	07/30/25	
o-Xylene	ND	0.0250	1	07/29/25	07/30/25	
p,m-Xylene	ND	0.0500	1	07/29/25	07/30/25	
Total Xylenes	ND	0.0250	1	07/29/25	07/30/25	
Surrogate: Bromofluorobenzene		109 %	70-130	07/29/25	07/30/25	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130	07/29/25	07/30/25	
Surrogate: Toluene-d8		104 %	70-130	07/29/25	07/30/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2531062
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/25	07/30/25	
Surrogate: Bromofluorobenzene		109 %	70-130	07/29/25	07/30/25	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130	07/29/25	07/30/25	
Surrogate: Toluene-d8		104 %	70-130	07/29/25	07/30/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2531105
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/25	07/31/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/30/25	07/31/25	
Surrogate: n-Nonane		93.5 %	61-141	07/30/25	07/31/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2531093
Chloride	8380	200	10	07/30/25	07/30/25	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 6H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
8/1/2025 8:29:06AM

BH03-1'

E507318-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2531062
Benzene	ND	0.0250	1	07/29/25	07/30/25	
Ethylbenzene	ND	0.0250	1	07/29/25	07/30/25	
Toluene	ND	0.0250	1	07/29/25	07/30/25	
o-Xylene	ND	0.0250	1	07/29/25	07/30/25	
p,m-Xylene	ND	0.0500	1	07/29/25	07/30/25	
Total Xylenes	ND	0.0250	1	07/29/25	07/30/25	
Surrogate: Bromofluorobenzene		107 %	70-130	07/29/25	07/30/25	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130	07/29/25	07/30/25	
Surrogate: Toluene-d8		102 %	70-130	07/29/25	07/30/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2531062
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/25	07/30/25	
Surrogate: Bromofluorobenzene		107 %	70-130	07/29/25	07/30/25	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130	07/29/25	07/30/25	
Surrogate: Toluene-d8		102 %	70-130	07/29/25	07/30/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2531105
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/25	07/31/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/30/25	07/31/25	
Surrogate: n-Nonane		95.9 %	61-141	07/30/25	07/31/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2531093
Chloride	13400	200	10	07/30/25	07/31/25	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 6H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
8/1/2025 8:29:06AM

BH04-0'

E507318-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2531062
Benzene	ND	0.0250	1	07/29/25	07/30/25	
Ethylbenzene	ND	0.0250	1	07/29/25	07/30/25	
Toluene	ND	0.0250	1	07/29/25	07/30/25	
o-Xylene	ND	0.0250	1	07/29/25	07/30/25	
p,m-Xylene	ND	0.0500	1	07/29/25	07/30/25	
Total Xylenes	ND	0.0250	1	07/29/25	07/30/25	
Surrogate: Bromofluorobenzene		110 %	70-130	07/29/25	07/30/25	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	07/29/25	07/30/25	
Surrogate: Toluene-d8		101 %	70-130	07/29/25	07/30/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2531062
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/25	07/30/25	
Surrogate: Bromofluorobenzene		110 %	70-130	07/29/25	07/30/25	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	07/29/25	07/30/25	
Surrogate: Toluene-d8		101 %	70-130	07/29/25	07/30/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2531105
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/25	07/31/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/30/25	07/31/25	
Surrogate: n-Nonane		95.6 %	61-141	07/30/25	07/31/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2531093
Chloride	2040	40.0	2	07/30/25	07/31/25	





## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 6H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
8/1/2025 8:29:06AM

BH04-0.5'

E507318-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2531062
Benzene	ND	0.0250	1	07/29/25	07/30/25	
Ethylbenzene	ND	0.0250	1	07/29/25	07/30/25	
Toluene	ND	0.0250	1	07/29/25	07/30/25	
o-Xylene	ND	0.0250	1	07/29/25	07/30/25	
p,m-Xylene	ND	0.0500	1	07/29/25	07/30/25	
Total Xylenes	ND	0.0250	1	07/29/25	07/30/25	
Surrogate: Bromofluorobenzene		108 %	70-130	07/29/25	07/30/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	07/29/25	07/30/25	
Surrogate: Toluene-d8		103 %	70-130	07/29/25	07/30/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2531062
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/25	07/30/25	
Surrogate: Bromofluorobenzene		108 %	70-130	07/29/25	07/30/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	07/29/25	07/30/25	
Surrogate: Toluene-d8		103 %	70-130	07/29/25	07/30/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2531105
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/25	07/31/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/30/25	07/31/25	
Surrogate: n-Nonane		92.8 %	61-141	07/30/25	07/31/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2531093
Chloride	1890	20.0	1	07/30/25	07/31/25	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 6H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
8/1/2025 8:29:06AM

BH04-1'

E507318-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2531062
Benzene	ND	0.0250	1	07/29/25	07/30/25	
Ethylbenzene	ND	0.0250	1	07/29/25	07/30/25	
Toluene	ND	0.0250	1	07/29/25	07/30/25	
o-Xylene	ND	0.0250	1	07/29/25	07/30/25	
p,m-Xylene	ND	0.0500	1	07/29/25	07/30/25	
Total Xylenes	ND	0.0250	1	07/29/25	07/30/25	
Surrogate: Bromofluorobenzene		107 %	70-130	07/29/25	07/30/25	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	07/29/25	07/30/25	
Surrogate: Toluene-d8		101 %	70-130	07/29/25	07/30/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2531062
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/25	07/30/25	
Surrogate: Bromofluorobenzene		107 %	70-130	07/29/25	07/30/25	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	07/29/25	07/30/25	
Surrogate: Toluene-d8		101 %	70-130	07/29/25	07/30/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2531105
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/25	07/31/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/30/25	07/31/25	
Surrogate: n-Nonane		93.7 %	61-141	07/30/25	07/31/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2531093
Chloride	1620	20.0	1	07/30/25	07/31/25	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 6H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
8/1/2025 8:29:06AM

BH05-0'

E507318-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2531062
Benzene	ND	0.0250	1	07/29/25	07/30/25	
Ethylbenzene	ND	0.0250	1	07/29/25	07/30/25	
Toluene	ND	0.0250	1	07/29/25	07/30/25	
o-Xylene	ND	0.0250	1	07/29/25	07/30/25	
p,m-Xylene	ND	0.0500	1	07/29/25	07/30/25	
Total Xylenes	ND	0.0250	1	07/29/25	07/30/25	
Surrogate: Bromofluorobenzene		109 %	70-130	07/29/25	07/30/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	07/29/25	07/30/25	
Surrogate: Toluene-d8		100 %	70-130	07/29/25	07/30/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2531062
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/25	07/30/25	
Surrogate: Bromofluorobenzene		109 %	70-130	07/29/25	07/30/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	07/29/25	07/30/25	
Surrogate: Toluene-d8		100 %	70-130	07/29/25	07/30/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2531105
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/25	07/31/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/30/25	07/31/25	
Surrogate: n-Nonane		95.4 %	61-141	07/30/25	07/31/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2531093
Chloride	432	20.0	1	07/30/25	07/31/25	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 6H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
8/1/2025 8:29:06AM

BH05-0.5'

E507318-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2531062
Benzene	ND	0.0250	1	07/29/25	07/30/25	
Ethylbenzene	ND	0.0250	1	07/29/25	07/30/25	
Toluene	ND	0.0250	1	07/29/25	07/30/25	
o-Xylene	ND	0.0250	1	07/29/25	07/30/25	
p,m-Xylene	ND	0.0500	1	07/29/25	07/30/25	
Total Xylenes	ND	0.0250	1	07/29/25	07/30/25	
Surrogate: Bromofluorobenzene		107 %	70-130	07/29/25	07/30/25	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130	07/29/25	07/30/25	
Surrogate: Toluene-d8		101 %	70-130	07/29/25	07/30/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2531062
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/25	07/30/25	
Surrogate: Bromofluorobenzene		107 %	70-130	07/29/25	07/30/25	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130	07/29/25	07/30/25	
Surrogate: Toluene-d8		101 %	70-130	07/29/25	07/30/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2531105
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/25	07/31/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/30/25	07/31/25	
Surrogate: n-Nonane		93.4 %	61-141	07/30/25	07/31/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2531093
Chloride	651	20.0	1	07/30/25	07/31/25	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 6H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
8/1/2025 8:29:06AM

BH05-1'

E507318-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2531062
Benzene	ND	0.0250	1	07/29/25	07/30/25	
Ethylbenzene	ND	0.0250	1	07/29/25	07/30/25	
Toluene	ND	0.0250	1	07/29/25	07/30/25	
o-Xylene	ND	0.0250	1	07/29/25	07/30/25	
p,m-Xylene	ND	0.0500	1	07/29/25	07/30/25	
Total Xylenes	ND	0.0250	1	07/29/25	07/30/25	
Surrogate: Bromofluorobenzene		108 %	70-130	07/29/25	07/30/25	
Surrogate: 1,2-Dichloroethane-d4		99.7 %	70-130	07/29/25	07/30/25	
Surrogate: Toluene-d8		102 %	70-130	07/29/25	07/30/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2531062
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/25	07/30/25	
Surrogate: Bromofluorobenzene		108 %	70-130	07/29/25	07/30/25	
Surrogate: 1,2-Dichloroethane-d4		99.7 %	70-130	07/29/25	07/30/25	
Surrogate: Toluene-d8		102 %	70-130	07/29/25	07/30/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2531105
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/25	07/31/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/30/25	07/31/25	
Surrogate: n-Nonane		91.9 %	61-141	07/30/25	07/31/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2531093
Chloride	848	20.0	1	07/30/25	07/31/25	



## QC Summary Data

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 6H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/1/2025 8:29:06AM

## Volatile Organic Compounds by EPA 8260B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2531062-BLK1)

Prepared: 07/29/25 Analyzed: 07/30/25

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: Bromofluorobenzene	0.550		0.500		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.7	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			

## LCS (2531062-BS1)

Prepared: 07/29/25 Analyzed: 07/30/25

Benzene	2.67	0.0250	2.50		107	70-130			
Ethylbenzene	2.66	0.0250	2.50		106	70-130			
Toluene	2.60	0.0250	2.50		104	70-130			
o-Xylene	2.62	0.0250	2.50		105	70-130			
p,m-Xylene	5.40	0.0500	5.00		108	70-130			
Total Xylenes	8.02	0.0250	7.50		107	70-130			
Surrogate: Bromofluorobenzene	0.533		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.8	70-130			
Surrogate: Toluene-d8	0.513		0.500		103	70-130			

## Matrix Spike (2531062-MS1)

Source: E507318-04

Prepared: 07/29/25 Analyzed: 07/30/25

Benzene	2.48	0.0250	2.50	ND	99.0	48-131			
Ethylbenzene	2.52	0.0250	2.50	ND	101	45-135			
Toluene	2.43	0.0250	2.50	ND	97.0	48-130			
o-Xylene	2.45	0.0250	2.50	ND	98.0	43-135			
p,m-Xylene	5.06	0.0500	5.00	ND	101	43-135			
Total Xylenes	7.51	0.0250	7.50	ND	100	43-135			
Surrogate: Bromofluorobenzene	0.536		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.7	70-130			
Surrogate: Toluene-d8	0.512		0.500		102	70-130			

## Matrix Spike Dup (2531062-MSD1)

Source: E507318-04

Prepared: 07/29/25 Analyzed: 07/30/25

Benzene	2.46	0.0250	2.50	ND	98.4	48-131	0.648	23	
Ethylbenzene	2.47	0.0250	2.50	ND	98.9	45-135	1.96	27	
Toluene	2.37	0.0250	2.50	ND	94.8	48-130	2.31	24	
o-Xylene	2.40	0.0250	2.50	ND	96.2	43-135	1.87	27	
p,m-Xylene	4.99	0.0500	5.00	ND	99.7	43-135	1.48	27	
Total Xylenes	7.39	0.0250	7.50	ND	98.6	43-135	1.61	27	
Surrogate: Bromofluorobenzene	0.532		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.5	70-130			
Surrogate: Toluene-d8	0.503		0.500		101	70-130			





## QC Summary Data

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 6H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/1/2025 8:29:06AM

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2531062-BLK1)

Prepared: 07/29/25 Analyzed: 07/30/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.550		0.500		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.7	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			

## LCS (2531062-BS2)

Prepared: 07/29/25 Analyzed: 07/30/25

Gasoline Range Organics (C6-C10)	56.2	20.0	50.0		112	70-130			
Surrogate: Bromofluorobenzene	0.553		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.2	70-130			
Surrogate: Toluene-d8	0.528		0.500		106	70-130			

## Matrix Spike (2531062-MS2)

Source: E507318-04

Prepared: 07/29/25 Analyzed: 07/30/25

Gasoline Range Organics (C6-C10)	59.0	20.0	50.0	ND	118	70-130			
Surrogate: Bromofluorobenzene	0.556		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
Surrogate: Toluene-d8	0.520		0.500		104	70-130			

## Matrix Spike Dup (2531062-MSD2)

Source: E507318-04

Prepared: 07/29/25 Analyzed: 07/30/25

Gasoline Range Organics (C6-C10)	57.3	20.0	50.0	ND	115	70-130	2.89	20	
Surrogate: Bromofluorobenzene	0.561		0.500		112	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.506		0.500		101	70-130			
Surrogate: Toluene-d8	0.517		0.500		103	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 6H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/1/2025 8:29:06AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2531105-BLK1)					Prepared: 07/30/25 Analyzed: 07/30/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	44.1		50.0		88.1	61-141			

LCS (2531105-BS1)					Prepared: 07/30/25 Analyzed: 07/30/25				
Diesel Range Organics (C10-C28)	297	25.0	250		119	66-144			
Surrogate: n-Nonane	49.8		50.0		99.6	61-141			

Matrix Spike (2531105-MS1)					Source: E507318-18		Prepared: 07/30/25 Analyzed: 07/30/25		
Diesel Range Organics (C10-C28)	289	25.0	250	ND	115	56-156			
Surrogate: n-Nonane	47.7		50.0		95.4	61-141			

Matrix Spike Dup (2531105-MSD1)					Source: E507318-18		Prepared: 07/30/25 Analyzed: 07/30/25		
Diesel Range Organics (C10-C28)	286	25.0	250	ND	115	56-156	0.760	20	
Surrogate: n-Nonane	47.4		50.0		94.9	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 6H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/1/2025 8:29:06AM

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 (2531093-BLK1)					Prepared: 07/30/25 Analyzed: 07/30/25				
Chloride	ND	20.0							
LCS (2531093-BS1)					Prepared: 07/30/25 Analyzed: 07/30/25				
Chloride	249	20.0	250		99.7	90-110			
Matrix Spike (2531093-MS1)					Source: E507318-05		Prepared: 07/30/25 Analyzed: 07/30/25		
Chloride	6360	100	250	5990	148	80-120			M4
Matrix Spike Dup (2531093-MSD1)					Source: E507318-05		Prepared: 07/30/25 Analyzed: 07/30/25		
Chloride	6370	100	250	5990	151	80-120	0.122	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:	Helios 6 Fed Com 6H Battery	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/01/25 08:29

- 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.



WO# 21631934

Client Information				Invoice Information		Lab Use Only		TAT		State								
Client: Devon				Company: Devon Energy		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX			
Project: Helios 6 Fed Com 6H Battery				Address: 5315 Buena Vista Dr		E301318	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@dv.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/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA
914	7/24/2025	S	1	BH01 - 0'		1								X		3.8		
921	7/24/2025	S	1	BH01 - 0.5'		2								X		4.2		
929	7/24/2025	S	1	BH01 - 1'		3								X		4.0		
940	7/24/2025	S	1	BH02 - 0'		4								X		3.6		
942	7/24/2025	S	1	BH02 - 0.5'		5								X		4.2		
944	7/24/2025	S	1	BH02 - 1'		6								X		4.1		
952	7/24/2025	S	1	BH02 - 2'		7								X		3.6		
1003	7/24/2025	S	1	BH02 - 4'		8								X		3.5		
1058	7/24/2025	S	1	BH02 - 6'		9								X		3.8		
1114	7/24/2025	S	1	BH03 - 0'		10								X		4.0		
<b>Additional Instructions:</b> Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dv.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, imccauley@ensolum.com, akone@ensolum.com, igonzalez@ensolum.com, ihinkle@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: Jarad McCauley																		
Relinquished by: (Signature)		Date	Time	Relinquished 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. <b>Lab Use Only</b> Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N										
Relinquished by: (Signature)		Date	Time	Relinquished by: (Signature)		Date	Time											
Relinquished by: (Signature)		Date	Time	Relinquished by: (Signature)		Date	Time											
Relinquished by: (Signature)		Date	Time	Relinquished by: (Signature)		Date	Time											
Relinquished by: (Signature)		Date	Time	Relinquished by: (Signature)		Date	Time											
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																		
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																		

WO# 216 31934

Client Information				Invoice Information		Lab Use Only		TAT				State								
Client: Devon				Company: Devon Energy		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX					
Project: Helios 6 Fed Com 6H Battery				Address: 5315 Buena Vista Dr		E501818	00580057				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						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	BDGC - NM	BDGC - TX	SDWA	CWA	RCRA		
																	Compliance	Y	or	N
																	PWSID #			
																	Sample Temp			Remarks
1116	7/24/2025	S	1	BH03 - 0.5'		11								X			4.0			
1126	7/24/2025	S	1	BH03 - 1'		12								X			4.2			
1154	7/24/2025	S	1	BH04 - 0'		13								X			3.4			
1232	7/24/2025	S	1	BH04 - 0.5'		14								X			3.6			
1234	7/24/2025	S	1	BH04 - 1'		15								X			4.0			
1245	7/24/2025	S	1	BH05 - 0'		16								X			4.1			
1250	7/24/2025	S	1	BH05 - 0.5'		17								X			4.1			
1300	7/24/2025	S	1	BH05 - 1'		18								X			4.3			
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, lestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jmccauley@ensolum.com, akone@ensolum.com, igonzalez@ensolum.com, jhinkle@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: Jarad McCauley																				
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N								
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																				
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																				
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																				

## Envirotech Analytical Laboratory

Printed: 7/28/2025 10:37:11AM

## 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:	07/28/25 07:30	Work Order ID:	E507318
Phone:	(505) 382-1211	Date Logged In:	07/25/25 15:53	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	08/01/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? Yes

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.



Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Devon Energy - Carlsbad

Project Name: Helios 6 Fed Com 2H Battery

Work Order: E508290

Job Number: 01058-0007

Received: 8/27/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
9/3/25

5796 U.S. Hwy 64  
Farmington, NM 87401

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



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.  
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Date Reported: 9/3/25

Ashley Giovengo  
6488 7 Rivers Hwy  
Artesia, NM 88210



Project Name: Helios 6 Fed Com 2H Battery  
Workorder: E508290  
Date Received: 8/27/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/27/2025 7:00:00AM, under the Project Name: Helios 6 Fed Com 2H Battery.

The analytical test results summarized in this report with the Project Name: Helios 6 Fed Com 2H Battery apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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## Sample Summary

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	09/03/25 08:50

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH02-10'	E508290-01A	Soil	08/25/25	08/27/25	Glass Jar, 2 oz.
BH02-14'	E508290-02A	Soil	08/25/25	08/27/25	Glass Jar, 2 oz.
BH02-20'	E508290-03A	Soil	08/25/25	08/27/25	Glass Jar, 2 oz.
BH02-26'	E508290-04A	Soil	08/25/25	08/27/25	Glass Jar, 2 oz.
BH02-30'	E508290-05A	Soil	08/25/25	08/27/25	Glass Jar, 2 oz.
BH02-35'	E508290-06A	Soil	08/25/25	08/27/25	Glass Jar, 2 oz.
BH02-41'	E508290-07A	Soil	08/25/25	08/27/25	Glass Jar, 2 oz.
BH02-45'	E508290-08A	Soil	08/25/25	08/27/25	Glass Jar, 2 oz.
BH02-50'	E508290-09A	Soil	08/25/25	08/27/25	Glass Jar, 2 oz.
BH02-56'	E508290-10A	Soil	08/25/25	08/27/25	Glass Jar, 2 oz.
BH02-62'	E508290-11A	Soil	08/25/25	08/27/25	Glass Jar, 2 oz.
BH02-70'	E508290-12A	Soil	08/25/25	08/27/25	Glass Jar, 2 oz.
BH02-75'	E508290-13A	Soil	08/25/25	08/27/25	Glass Jar, 2 oz.
BH03-2'	E508290-14A	Soil	08/25/25	08/27/25	Glass Jar, 2 oz.
BH03-4'	E508290-15A	Soil	08/25/25	08/27/25	Glass Jar, 2 oz.
BH04-2'	E508290-16A	Soil	08/25/25	08/27/25	Glass Jar, 2 oz.
BH04-3'	E508290-17A	Soil	08/25/25	08/27/25	Glass Jar, 2 oz.



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/3/2025 8:50:01AM

**BH02-10'**

**E508290-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2535057	
Benzene	ND	0.0250	1	08/27/25	08/28/25	
Ethylbenzene	ND	0.0250	1	08/27/25	08/28/25	
Toluene	ND	0.0250	1	08/27/25	08/28/25	
o-Xylene	ND	0.0250	1	08/27/25	08/28/25	
p,m-Xylene	ND	0.0500	1	08/27/25	08/28/25	
Total Xylenes	ND	0.0250	1	08/27/25	08/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		86.4 %	70-130	08/27/25	08/28/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2535057	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/25	08/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.8 %	70-130	08/27/25	08/28/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2535049	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/27/25	08/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/25	08/28/25	
<i>Surrogate: n-Nonane</i>		89.2 %	61-141	08/27/25	08/28/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2535060	
Chloride	14100	200	10	08/27/25	08/27/25	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/3/2025 8:50:01AM

BH02-14'

E508290-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2535057
Benzene	ND	0.0250	1	08/27/25	08/28/25	
Ethylbenzene	ND	0.0250	1	08/27/25	08/28/25	
Toluene	ND	0.0250	1	08/27/25	08/28/25	
o-Xylene	ND	0.0250	1	08/27/25	08/28/25	
p,m-Xylene	ND	0.0500	1	08/27/25	08/28/25	
Total Xylenes	ND	0.0250	1	08/27/25	08/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		86.1 %	70-130	08/27/25	08/28/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2535057
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/25	08/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.9 %	70-130	08/27/25	08/28/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2535049
Diesel Range Organics (C10-C28)	ND	25.0	1	08/27/25	08/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/25	08/28/25	
<i>Surrogate: n-Nonane</i>						
		87.5 %	61-141	08/27/25	08/28/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2535060
Chloride	5130	100	5	08/27/25	08/27/25	





## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/3/2025 8:50:01AM

BH02-20'

E508290-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2535057	
Benzene	ND	0.0250	1	08/27/25	08/28/25	
Ethylbenzene	ND	0.0250	1	08/27/25	08/28/25	
Toluene	ND	0.0250	1	08/27/25	08/28/25	
o-Xylene	ND	0.0250	1	08/27/25	08/28/25	
p,m-Xylene	ND	0.0500	1	08/27/25	08/28/25	
Total Xylenes	ND	0.0250	1	08/27/25	08/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	86.5 %	70-130		08/27/25	08/28/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2535057	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/25	08/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	93.1 %	70-130		08/27/25	08/28/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2535049	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/27/25	08/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/25	08/28/25	
<i>Surrogate: n-Nonane</i>	93.3 %	61-141		08/27/25	08/28/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2535060	
Chloride	10700	200	10	08/27/25	08/27/25	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/3/2025 8:50:01AM

BH02-26'

E508290-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2535057	
Benzene	ND	0.0250	1	08/27/25	08/27/25	
Ethylbenzene	ND	0.0250	1	08/27/25	08/27/25	
Toluene	ND	0.0250	1	08/27/25	08/27/25	
o-Xylene	ND	0.0250	1	08/27/25	08/27/25	
p,m-Xylene	ND	0.0500	1	08/27/25	08/27/25	
Total Xylenes	ND	0.0250	1	08/27/25	08/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		86.1 %	70-130	08/27/25	08/27/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2535057	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/25	08/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.1 %	70-130	08/27/25	08/27/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2535049	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/27/25	08/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/25	08/28/25	
<i>Surrogate: n-Nonane</i>		86.8 %	61-141	08/27/25	08/28/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2535060	
Chloride	4690	40.0	2	08/27/25	08/27/25	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/3/2025 8:50:01AM

BH02-30'

E508290-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2535057
Benzene	ND	0.0250	1	08/27/25	08/28/25	
Ethylbenzene	ND	0.0250	1	08/27/25	08/28/25	
Toluene	ND	0.0250	1	08/27/25	08/28/25	
o-Xylene	ND	0.0250	1	08/27/25	08/28/25	
p,m-Xylene	ND	0.0500	1	08/27/25	08/28/25	
Total Xylenes	ND	0.0250	1	08/27/25	08/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.7 %	70-130		08/27/25	08/28/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2535057
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/25	08/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.6 %	70-130		08/27/25	08/28/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2535049
Diesel Range Organics (C10-C28)	ND	25.0	1	08/27/25	08/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/25	08/28/25	
<i>Surrogate: n-Nonane</i>						
	76.4 %	61-141		08/27/25	08/28/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2535060
Chloride	2870	20.0	1	08/27/25	08/27/25	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/3/2025 8:50:01AM

BH02-35'

E508290-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2535057
Benzene	ND	0.0250	1	08/27/25	08/28/25	
Ethylbenzene	ND	0.0250	1	08/27/25	08/28/25	
Toluene	ND	0.0250	1	08/27/25	08/28/25	
o-Xylene	ND	0.0250	1	08/27/25	08/28/25	
p,m-Xylene	ND	0.0500	1	08/27/25	08/28/25	
Total Xylenes	ND	0.0250	1	08/27/25	08/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.1 %	70-130		08/27/25	08/28/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2535057
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/25	08/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.5 %	70-130		08/27/25	08/28/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2535049
Diesel Range Organics (C10-C28)	ND	25.0	1	08/27/25	08/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/25	08/28/25	
<i>Surrogate: n-Nonane</i>						
	87.9 %	61-141		08/27/25	08/28/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2535060
Chloride	3200	40.0	2	08/27/25	08/27/25	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/3/2025 8:50:01AM

BH02-41'

E508290-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2535057
Benzene	ND	0.0250	1	08/27/25	08/28/25	
Ethylbenzene	ND	0.0250	1	08/27/25	08/28/25	
Toluene	ND	0.0250	1	08/27/25	08/28/25	
o-Xylene	ND	0.0250	1	08/27/25	08/28/25	
p,m-Xylene	ND	0.0500	1	08/27/25	08/28/25	
Total Xylenes	ND	0.0250	1	08/27/25	08/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.1 %	70-130		08/27/25	08/28/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2535057
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/25	08/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.6 %	70-130		08/27/25	08/28/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2535049
Diesel Range Organics (C10-C28)	ND	25.0	1	08/27/25	08/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/25	08/28/25	
<i>Surrogate: n-Nonane</i>						
	79.2 %	61-141		08/27/25	08/28/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2535060
Chloride	881	20.0	1	08/27/25	08/27/25	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/3/2025 8:50:01AM

BH02-45'

E508290-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2535057	
Benzene	ND	0.0250	1	08/27/25	08/28/25	
Ethylbenzene	ND	0.0250	1	08/27/25	08/28/25	
Toluene	ND	0.0250	1	08/27/25	08/28/25	
o-Xylene	ND	0.0250	1	08/27/25	08/28/25	
p,m-Xylene	ND	0.0500	1	08/27/25	08/28/25	
Total Xylenes	ND	0.0250	1	08/27/25	08/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	86.0 %	70-130		08/27/25	08/28/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2535057	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/25	08/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	93.9 %	70-130		08/27/25	08/28/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2535049	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/27/25	08/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/25	08/28/25	
<i>Surrogate: n-Nonane</i>	78.2 %	61-141		08/27/25	08/28/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2535060	
Chloride	613	20.0	1	08/27/25	08/27/25	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/3/2025 8:50:01AM

BH02-50'

E508290-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2535057	
Benzene	ND	0.0250	1	08/27/25	08/28/25	
Ethylbenzene	ND	0.0250	1	08/27/25	08/28/25	
Toluene	ND	0.0250	1	08/27/25	08/28/25	
o-Xylene	ND	0.0250	1	08/27/25	08/28/25	
p,m-Xylene	ND	0.0500	1	08/27/25	08/28/25	
Total Xylenes	ND	0.0250	1	08/27/25	08/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	85.8 %	70-130		08/27/25	08/28/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2535057	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/25	08/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	93.5 %	70-130		08/27/25	08/28/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2535049	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/27/25	08/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/25	08/28/25	
<i>Surrogate: n-Nonane</i>	72.3 %	61-141		08/27/25	08/28/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2535060	
Chloride	928	20.0	1	08/27/25	08/27/25	





## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/3/2025 8:50:01AM

BH02-56'

E508290-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2535057	
Benzene	ND	0.0250	1	08/27/25	08/28/25	
Ethylbenzene	ND	0.0250	1	08/27/25	08/28/25	
Toluene	ND	0.0250	1	08/27/25	08/28/25	
o-Xylene	ND	0.0250	1	08/27/25	08/28/25	
p,m-Xylene	ND	0.0500	1	08/27/25	08/28/25	
Total Xylenes	ND	0.0250	1	08/27/25	08/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	87.0 %	70-130		08/27/25	08/28/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2535057	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/25	08/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	95.6 %	70-130		08/27/25	08/28/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2535049	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/27/25	08/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/25	08/28/25	
<i>Surrogate: n-Nonane</i>	84.5 %	61-141		08/27/25	08/28/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2535060	
Chloride	452	20.0	1	08/27/25	08/27/25	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/3/2025 8:50:01AM

BH02-62'

E508290-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2535057	
Benzene	ND	0.0250	1	08/27/25	08/28/25	
Ethylbenzene	ND	0.0250	1	08/27/25	08/28/25	
Toluene	ND	0.0250	1	08/27/25	08/28/25	
o-Xylene	ND	0.0250	1	08/27/25	08/28/25	
p,m-Xylene	ND	0.0500	1	08/27/25	08/28/25	
Total Xylenes	ND	0.0250	1	08/27/25	08/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	87.6 %	70-130		08/27/25	08/28/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2535057	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/25	08/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	93.2 %	70-130		08/27/25	08/28/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2535049	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/27/25	08/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/25	08/28/25	
<i>Surrogate: n-Nonane</i>	83.6 %	61-141		08/27/25	08/28/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2535060	
Chloride	299	20.0	1	08/27/25	08/27/25	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/3/2025 8:50:01AM

BH03-2'

E508290-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2535057	
Benzene	ND	0.0250	1	08/27/25	08/28/25	
Ethylbenzene	ND	0.0250	1	08/27/25	08/28/25	
Toluene	ND	0.0250	1	08/27/25	08/28/25	
o-Xylene	ND	0.0250	1	08/27/25	08/28/25	
p,m-Xylene	ND	0.0500	1	08/27/25	08/28/25	
Total Xylenes	ND	0.0250	1	08/27/25	08/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	89.3 %	70-130		08/27/25	08/28/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2535057	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/25	08/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	93.9 %	70-130		08/27/25	08/28/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2535049	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/27/25	08/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/25	08/28/25	
<i>Surrogate: n-Nonane</i>	88.6 %	61-141		08/27/25	08/28/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2535060	
Chloride	2910	20.0	1	08/27/25	08/27/25	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/3/2025 8:50:01AM

BH03-4'

E508290-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2535057
Benzene	ND	0.0250	1	08/27/25	08/28/25	
Ethylbenzene	ND	0.0250	1	08/27/25	08/28/25	
Toluene	ND	0.0250	1	08/27/25	08/28/25	
o-Xylene	ND	0.0250	1	08/27/25	08/28/25	
p,m-Xylene	ND	0.0500	1	08/27/25	08/28/25	
Total Xylenes	ND	0.0250	1	08/27/25	08/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.1 %	70-130		08/27/25	08/28/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2535057
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/25	08/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.1 %	70-130		08/27/25	08/28/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2535049
Diesel Range Organics (C10-C28)	ND	25.0	1	08/27/25	08/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/25	08/28/25	
<i>Surrogate: n-Nonane</i>						
	88.3 %	61-141		08/27/25	08/28/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2535060
Chloride	402	20.0	1	08/27/25	08/27/25	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/3/2025 8:50:01AM

BH04-2'

E508290-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2535057	
Benzene	ND	0.0250	1	08/27/25	08/28/25	
Ethylbenzene	ND	0.0250	1	08/27/25	08/28/25	
Toluene	ND	0.0250	1	08/27/25	08/28/25	
o-Xylene	ND	0.0250	1	08/27/25	08/28/25	
p,m-Xylene	ND	0.0500	1	08/27/25	08/28/25	
Total Xylenes	ND	0.0250	1	08/27/25	08/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	88.8 %	70-130		08/27/25	08/28/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2535057	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/25	08/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	93.8 %	70-130		08/27/25	08/28/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2535049	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/27/25	09/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/25	09/03/25	
<i>Surrogate: n-Nonane</i>	106 %	61-141		08/27/25	09/03/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2535060	
Chloride	1620	20.0	1	08/27/25	08/27/25	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/3/2025 8:50:01AM

BH04-3'

E508290-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2535057
Benzene	ND	0.0250	1	08/27/25	08/28/25	
Ethylbenzene	ND	0.0250	1	08/27/25	08/28/25	
Toluene	ND	0.0250	1	08/27/25	08/28/25	
o-Xylene	ND	0.0250	1	08/27/25	08/28/25	
p,m-Xylene	ND	0.0500	1	08/27/25	08/28/25	
Total Xylenes	ND	0.0250	1	08/27/25	08/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.7 %	70-130		08/27/25	08/28/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2535057
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/25	08/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.7 %	70-130		08/27/25	08/28/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2535049
Diesel Range Organics (C10-C28)	ND	25.0	1	08/27/25	08/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/25	08/28/25	
<i>Surrogate: n-Nonane</i>						
	77.4 %	61-141		08/27/25	08/28/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2535060
Chloride	340	20.0	1	08/27/25	08/27/25	



## QC Summary Data

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/3/2025 8:50:01AM

## Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2535057-BLK1)

Prepared: 08/27/25 Analyzed: 08/27/25

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	7.08		8.00		88.5	70-130			

## LCS (2535057-BS1)

Prepared: 08/27/25 Analyzed: 08/27/25

Benzene	5.00	0.0250	5.00		100	70-130			
Ethylbenzene	4.85	0.0250	5.00		96.9	70-130			
Toluene	4.95	0.0250	5.00		99.0	70-130			
o-Xylene	4.87	0.0250	5.00		97.4	70-130			
p,m-Xylene	9.81	0.0500	10.0		98.1	70-130			
Total Xylenes	14.7	0.0250	15.0		97.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.18		8.00		89.8	70-130			

## Matrix Spike (2535057-MS1)

Source: E508290-04

Prepared: 08/27/25 Analyzed: 08/28/25

Benzene	4.82	0.0250	5.00	ND	96.5	70-130			
Ethylbenzene	4.65	0.0250	5.00	ND	92.9	70-130			
Toluene	4.77	0.0250	5.00	ND	95.3	70-130			
o-Xylene	4.70	0.0250	5.00	ND	94.0	70-130			
p,m-Xylene	9.41	0.0500	10.0	ND	94.1	70-130			
Total Xylenes	14.1	0.0250	15.0	ND	94.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.97		8.00		87.2	70-130			

## Matrix Spike Dup (2535057-MSD1)

Source: E508290-04

Prepared: 08/27/25 Analyzed: 08/28/25

Benzene	5.69	0.0250	5.00	ND	114	70-130	16.4	27	
Ethylbenzene	5.54	0.0250	5.00	ND	111	70-130	17.5	26	
Toluene	5.64	0.0250	5.00	ND	113	70-130	16.8	20	
o-Xylene	5.46	0.0250	5.00	ND	109	70-130	15.1	25	
p,m-Xylene	11.2	0.0500	10.0	ND	112	70-130	17.1	23	
Total Xylenes	16.6	0.0250	15.0	ND	111	70-130	16.5	26	
Surrogate: 4-Bromochlorobenzene-PID	6.89		8.00		86.1	70-130			





QC Summary Data

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/3/2025 8:50:01AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2535057-BLK1) Prepared: 08/27/25 Analyzed: 08/27/25

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

LCS (2535057-BS2) Prepared: 08/27/25 Analyzed: 08/27/25

Gasoline Range Organics (C6-C10)	48.7	20.0	50.0		97.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.3	70-130			

Matrix Spike (2535057-MS2) Source: E508290-04 Prepared: 08/27/25 Analyzed: 08/28/25

Gasoline Range Organics (C6-C10)	46.0	20.0	50.0	ND	92.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.67		8.00		95.9	70-130			

Matrix Spike Dup (2535057-MSD2) Source: E508290-04 Prepared: 08/27/25 Analyzed: 08/28/25

Gasoline Range Organics (C6-C10)	53.5	20.0	50.0	ND	107	70-130	15.0	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.63		8.00		95.4	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/3/2025 8:50:01AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2535049-BLK1)					Prepared: 08/27/25 Analyzed: 08/28/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	37.6		50.0		75.1	61-141			

LCS (2535049-BS1)					Prepared: 08/27/25 Analyzed: 08/28/25				
Diesel Range Organics (C10-C28)	221	25.0	250		88.5	66-144			
Surrogate: n-Nonane	39.7		50.0		79.5	61-141			

Matrix Spike (2535049-MS1)					Source: E508290-04		Prepared: 08/27/25 Analyzed: 08/28/25		
Diesel Range Organics (C10-C28)	223	25.0	250	ND	89.4	56-156			
Surrogate: n-Nonane	40.0		50.0		79.9	61-141			

Matrix Spike Dup (2535049-MSD1)					Source: E508290-04		Prepared: 08/27/25 Analyzed: 08/28/25		
Diesel Range Organics (C10-C28)	234	25.0	250	ND	93.8	56-156	4.79	20	
Surrogate: n-Nonane	40.8		50.0		81.6	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/3/2025 8:50:01AM

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 (2535060-BLK1)					Prepared: 08/27/25 Analyzed: 08/27/25				
Chloride	ND	20.0							
LCS (2535060-BS1)					Prepared: 08/27/25 Analyzed: 08/27/25				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2535060-MS1)					Source: E508290-05		Prepared: 08/27/25 Analyzed: 08/27/25		
Chloride	3010	20.0	250	2870	56.8	80-120			M4
Matrix Spike Dup (2535060-MSD1)					Source: E508290-05		Prepared: 08/27/25 Analyzed: 08/27/25		
Chloride	3060	20.0	250	2870	75.6	80-120	1.54	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:	Helios 6 Fed Com 2H Battery	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	09/03/25 08:50

- 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.



WO#: 21631934

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Devon				Company: Devon Energy				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project: Helios 6 Fed Com 2H Battery				Address: 5315 Buena Vista Dr				E508290		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@dnv.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/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BIGDOC - NM	BIGDOC - TX	SDWA	CWA	RCRA
1149	8/25/25	S	1	BH02-10'		1									X		2.4		
1209				BH02-14'		2											2.0		
1224				BH02-20'		3											1.1		
1242				BH02-26'		4											1.2		
1257				BH02-30'		5											1.4		
1312				BH02-35'		6											2.1		
1326				BH02-41'		7											2.6		
1351				BH02-45'		8											2.2		
1404				BH02-50'		9											1.8		
1438				BH02-56'		10											1.4		
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dnv.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: Uriel Santillana																			
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	<p>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.</p> <p>Lab Use Only</p> <p>Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N</p>											
Michelle Gonzales		8-26-25	1530	Michelle Gonzales		8-26-25	0900												
Michelle Gonzales		8-26-25	1930	Marissa Gonzales		8-26-25	1530												
Marissa Gonzales		8-26-25	1930	Andrew Musso		8-26-25	1930												
Andrew Musso		8-26-25	2400	Caitlynn Marr		8-27-25	700												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																			
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			



WO#: 21631934

Client Information				Invoice Information				Lab Use Only				TAT				State					
Client: Devon				Company: Devon Energy				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX		
Project: Helios 6 Fed Com 2H Battery				Address: 5315 Buena Vista Dr				E508290		C1058-0007					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@env.com																	
Phone: 575-988-0055				Miscellaneous: Jim Raley																	
Email: agiovento@ensolum.com																					
Sample Information										Analysis and Method								EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA			
1439	8/25/25	S	1	BH02-60'										x							
1514				BH02-62'		11										1.8		run			
1515				BH02-65'														BH02-70'			
1538				BH02-70'		12										1.2		2 BH02-75'			
1540				BH02-75'		13										1.0		if BH02-			
1059				BH03-2'		14										2.4		62' Passes			
1100				BH03-4'		15										2.1					
1035				BH04-2'		16										2.0					
1036				BH04-3'		17										1.2					
Additional Instructions: Please CC: cburton@ensolum.com, agiovento@ensolum.com, jim.raley@env.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: Uriel Santillana																					
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													
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time														
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time														
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time														
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time														
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																					
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																					
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																					

## Envirotech Analytical Laboratory

Printed: 9/3/2025 8:45:17AM

## 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:	Devon Energy - Carlsbad	Date Received:	08/27/25 07:00	Work Order ID:	E508290
Phone:	(505) 382-1211	Date Logged In:	08/26/25 15:45	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	09/04/25 07:00 (5 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/Resolution

Client Remarks- Do not run BH02-70 & BH02-75 if BH02-62 passes.

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? Yes

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.



Report to:  
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: Helios 6 Fed Com 2H Battery

Work Order: E508307

Job Number: 01058-0007

Received: 8/28/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
9/4/25

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: 9/4/25

Ashley Giovengo  
6488 7 Rivers Hwy  
Artesia, NM 88210



Project Name: Helios 6 Fed Com 2H Battery  
Workorder: E508307  
Date Received: 8/28/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/28/2025 7:00:00AM, under the Project Name: Helios 6 Fed Com 2H Battery.

The analytical test results summarized in this report with the Project Name: Helios 6 Fed Com 2H Battery apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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## Sample Summary

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Helios 6 Fed Com 2H Battery Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 09/04/25 10:25
---	---	-----------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01-4'	E508307-01A	Soil	08/26/25	08/28/25	Glass Jar, 2 oz.
BH01-10'	E508307-02A	Soil	08/26/25	08/28/25	Glass Jar, 2 oz.
BH01-16'	E508307-03A	Soil	08/26/25	08/28/25	Glass Jar, 2 oz.
BH01-20'	E508307-04A	Soil	08/26/25	08/28/25	Glass Jar, 2 oz.
BH01-30'	E508307-05A	Soil	08/26/25	08/28/25	Glass Jar, 2 oz.
BH01-45'	E508307-06A	Soil	08/26/25	08/28/25	Glass Jar, 2 oz.
BH01-60'	E508307-07A	Soil	08/26/25	08/28/25	Glass Jar, 2 oz.
BH01-70'	E508307-08A	Soil	08/26/25	08/28/25	Glass Jar, 2 oz.
BH05-2'	E508307-09A	Soil	08/26/25	08/28/25	Glass Jar, 2 oz.
BH05-3'	E508307-10A	Soil	08/26/25	08/28/25	Glass Jar, 2 oz.



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/4/2025 10:25:21AM

**BH01-4'**

**E508307-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2535097	
Benzene	ND	0.0250	1	08/28/25	08/29/25	
Ethylbenzene	ND	0.0250	1	08/28/25	08/29/25	
Toluene	ND	0.0250	1	08/28/25	08/29/25	
o-Xylene	ND	0.0250	1	08/28/25	08/29/25	
p,m-Xylene	ND	0.0500	1	08/28/25	08/29/25	
Total Xylenes	ND	0.0250	1	08/28/25	08/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	08/28/25	08/29/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2535097	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/25	08/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		99.5 %	70-130	08/28/25	08/29/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KH		Batch: 2535099	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/28/25	08/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/28/25	08/29/25	
<i>Surrogate: n-Nonane</i>		99.2 %	61-141	08/28/25	08/29/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2535105	
Chloride	11400	200	10	08/28/25	08/28/25	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/4/2025 10:25:21AM

BH01-10'

E508307-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2535097	
Benzene	ND	0.0250	1	08/28/25	08/29/25	
Ethylbenzene	ND	0.0250	1	08/28/25	08/29/25	
Toluene	ND	0.0250	1	08/28/25	08/29/25	
o-Xylene	ND	0.0250	1	08/28/25	08/29/25	
p,m-Xylene	ND	0.0500	1	08/28/25	08/29/25	
Total Xylenes	ND	0.0250	1	08/28/25	08/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	08/28/25	08/29/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2535097	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/25	08/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		100 %	70-130	08/28/25	08/29/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KH		Batch: 2535099	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/28/25	08/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/28/25	08/29/25	
<i>Surrogate: n-Nonane</i>		98.3 %	61-141	08/28/25	08/29/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2535105	
Chloride	14400	200	10	08/28/25	08/28/25	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/4/2025 10:25:21AM

BH01-16'

E508307-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2535097	
Benzene	ND	0.0250	1	08/28/25	08/29/25	
Ethylbenzene	ND	0.0250	1	08/28/25	08/29/25	
Toluene	ND	0.0250	1	08/28/25	08/29/25	
o-Xylene	ND	0.0250	1	08/28/25	08/29/25	
p,m-Xylene	ND	0.0500	1	08/28/25	08/29/25	
Total Xylenes	ND	0.0250	1	08/28/25	08/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	08/28/25	08/29/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2535097	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/25	08/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		99.8 %	70-130	08/28/25	08/29/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KH		Batch: 2535099	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/28/25	08/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/28/25	08/29/25	
<i>Surrogate: n-Nonane</i>		97.1 %	61-141	08/28/25	08/29/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2535105	
Chloride	8690	200	10	08/28/25	08/28/25	





## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/4/2025 10:25:21AM

BH01-20'

E508307-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2535097
Benzene	ND	0.0250	1	08/28/25	08/29/25	
Ethylbenzene	ND	0.0250	1	08/28/25	08/29/25	
Toluene	ND	0.0250	1	08/28/25	08/29/25	
o-Xylene	ND	0.0250	1	08/28/25	08/29/25	
p,m-Xylene	ND	0.0500	1	08/28/25	08/29/25	
Total Xylenes	ND	0.0250	1	08/28/25	08/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		106 %	70-130	08/28/25	08/29/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2535097
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/25	08/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.3 %	70-130	08/28/25	08/29/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2535099
Diesel Range Organics (C10-C28)	ND	25.0	1	08/28/25	08/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/28/25	08/29/25	
<i>Surrogate: n-Nonane</i>						
		106 %	61-141	08/28/25	08/29/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2535105
Chloride	6490	100	5	08/28/25	08/28/25	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/4/2025 10:25:21AM

BH01-30'

E508307-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2535097
Benzene	ND	0.0250	1	08/28/25	08/29/25	
Ethylbenzene	ND	0.0250	1	08/28/25	08/29/25	
Toluene	ND	0.0250	1	08/28/25	08/29/25	
o-Xylene	ND	0.0250	1	08/28/25	08/29/25	
p,m-Xylene	ND	0.0500	1	08/28/25	08/29/25	
Total Xylenes	ND	0.0250	1	08/28/25	08/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		108 %	70-130	08/28/25	08/29/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2535097
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/25	08/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		100 %	70-130	08/28/25	08/29/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2535099
Diesel Range Organics (C10-C28)	ND	25.0	1	08/28/25	08/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/28/25	08/29/25	
<i>Surrogate: n-Nonane</i>						
		96.5 %	61-141	08/28/25	08/29/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2535105
Chloride	5920	100	5	08/28/25	08/28/25	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Helios 6 Fed Com 2H Battery Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 9/4/2025 10:25:21AM
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BH01-45'

E508307-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2535097	
Benzene	ND	0.0250	1	08/28/25	08/29/25	
Ethylbenzene	ND	0.0250	1	08/28/25	08/29/25	
Toluene	ND	0.0250	1	08/28/25	08/29/25	
o-Xylene	ND	0.0250	1	08/28/25	08/29/25	
p,m-Xylene	ND	0.0500	1	08/28/25	08/29/25	
Total Xylenes	ND	0.0250	1	08/28/25	08/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		107 %	70-130	08/28/25	08/29/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2535097	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/25	08/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		101 %	70-130	08/28/25	08/29/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2535099	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/28/25	08/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/28/25	08/29/25	
<i>Surrogate: n-Nonane</i>						
		95.8 %	61-141	08/28/25	08/29/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2535105	
Chloride	426	20.0	1	08/28/25	08/28/25	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/4/2025 10:25:21AM

BH05-2'

E508307-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2535097
Benzene	ND	0.0250	1	08/28/25	08/29/25	
Ethylbenzene	ND	0.0250	1	08/28/25	08/29/25	
Toluene	ND	0.0250	1	08/28/25	08/29/25	
o-Xylene	ND	0.0250	1	08/28/25	08/29/25	
p,m-Xylene	ND	0.0500	1	08/28/25	08/29/25	
Total Xylenes	ND	0.0250	1	08/28/25	08/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		108 %	70-130	08/28/25	08/29/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2535097
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/25	08/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		100 %	70-130	08/28/25	08/29/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2535099
Diesel Range Organics (C10-C28)	ND	25.0	1	08/28/25	08/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/28/25	08/29/25	
<i>Surrogate: n-Nonane</i>						
		94.6 %	61-141	08/28/25	08/29/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2535105
Chloride	278	20.0	1	08/28/25	08/28/25	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Helios 6 Fed Com 2H Battery Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 9/4/2025 10:25:21AM
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BH05-3'

E508307-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2535097	
Benzene	ND	0.0250	1	08/28/25	08/29/25	
Ethylbenzene	ND	0.0250	1	08/28/25	08/29/25	
Toluene	ND	0.0250	1	08/28/25	08/29/25	
o-Xylene	ND	0.0250	1	08/28/25	08/29/25	
p,m-Xylene	ND	0.0500	1	08/28/25	08/29/25	
Total Xylenes	ND	0.0250	1	08/28/25	08/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		109 %	70-130	08/28/25	08/29/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2535097	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/25	08/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.7 %	70-130	08/28/25	08/29/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2535099	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/28/25	08/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/28/25	08/29/25	
<i>Surrogate: n-Nonane</i>						
		95.3 %	61-141	08/28/25	08/29/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2535105	
Chloride	465	20.0	1	08/28/25	08/28/25	



## QC Summary Data

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/4/2025 10:25:21AM

## Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2535097-BLK1)

Prepared: 08/28/25 Analyzed: 08/28/25

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	8.17		8.00		102	70-130			

## LCS (2535097-BS1)

Prepared: 08/28/25 Analyzed: 08/29/25

Benzene	5.51	0.0250	5.00		110	70-130			
Ethylbenzene	5.32	0.0250	5.00		106	70-130			
Toluene	5.44	0.0250	5.00		109	70-130			
o-Xylene	5.22	0.0250	5.00		104	70-130			
p,m-Xylene	10.7	0.0500	10.0		107	70-130			
Total Xylenes	15.9	0.0250	15.0		106	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.05		8.00		101	70-130			

## Matrix Spike (2535097-MS1)

Source: E508306-05

Prepared: 08/28/25 Analyzed: 08/29/25

Benzene	5.36	0.0250	5.00	ND	107	70-130			
Ethylbenzene	5.17	0.0250	5.00	ND	103	70-130			
Toluene	5.29	0.0250	5.00	ND	106	70-130			
o-Xylene	5.07	0.0250	5.00	ND	101	70-130			
p,m-Xylene	10.4	0.0500	10.0	ND	104	70-130			
Total Xylenes	15.5	0.0250	15.0	ND	103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.06		8.00		101	70-130			

## Matrix Spike Dup (2535097-MSD1)

Source: E508306-05

Prepared: 08/28/25 Analyzed: 08/29/25

Benzene	5.34	0.0250	5.00	ND	107	70-130	0.387	27	
Ethylbenzene	5.15	0.0250	5.00	ND	103	70-130	0.493	26	
Toluene	5.27	0.0250	5.00	ND	105	70-130	0.527	20	
o-Xylene	5.03	0.0250	5.00	ND	101	70-130	0.847	25	
p,m-Xylene	10.3	0.0500	10.0	ND	103	70-130	0.491	23	
Total Xylenes	15.4	0.0250	15.0	ND	102	70-130	0.608	26	
Surrogate: 4-Bromochlorobenzene-PID	7.85		8.00		98.1	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/4/2025 10:25:21AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2535097-BLK1) Prepared: 08/28/25 Analyzed: 08/28/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.89		8.00		98.6	70-130			

LCS (2535097-BS2) Prepared: 08/28/25 Analyzed: 08/29/25

Gasoline Range Organics (C6-C10)	54.9	20.0	50.0		110	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.98		8.00		99.7	70-130			

Matrix Spike (2535097-MS2) Source: E508306-05 Prepared: 08/28/25 Analyzed: 08/29/25

Gasoline Range Organics (C6-C10)	53.9	20.0	50.0	ND	108	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.96		8.00		99.5	70-130			

Matrix Spike Dup (2535097-MSD2) Source: E508306-05 Prepared: 08/28/25 Analyzed: 08/29/25

Gasoline Range Organics (C6-C10)	52.5	20.0	50.0	ND	105	70-130	2.61	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.96		8.00		99.5	70-130			





QC Summary Data

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/4/2025 10:25:21AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2535099-BLK1)					Prepared: 08/28/25 Analyzed: 08/28/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.2		50.0		94.4	61-141			

LCS (2535099-BS1)					Prepared: 08/28/25 Analyzed: 08/28/25				
Diesel Range Organics (C10-C28)	259	25.0	250		104	66-144			
Surrogate: n-Nonane	48.0		50.0		95.9	61-141			

Matrix Spike (2535099-MS1)					Source: E508307-03		Prepared: 08/28/25 Analyzed: 08/28/25		
Diesel Range Organics (C10-C28)	267	25.0	250	ND	107	56-156			
Surrogate: n-Nonane	49.7		50.0		99.5	61-141			

Matrix Spike Dup (2535099-MSD1)					Source: E508307-03		Prepared: 08/28/25 Analyzed: 08/29/25		
Diesel Range Organics (C10-C28)	260	25.0	250	ND	104	56-156	2.52	20	
Surrogate: n-Nonane	48.4		50.0		96.9	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/4/2025 10:25:21AM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2535105-BLK1)					Prepared: 08/28/25 Analyzed: 08/28/25				
Chloride	ND	20.0							
LCS (2535105-BS1)					Prepared: 08/28/25 Analyzed: 08/28/25				
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2535105-MS1)					Source: E508307-07		Prepared: 08/28/25 Analyzed: 08/28/25		
Chloride	647	20.0	250	412	94.3	80-120			
Matrix Spike Dup (2535105-MSD1)					Source: E508307-07		Prepared: 08/28/25 Analyzed: 08/28/25		
Chloride	687	20.0	250	412	110	80-120	5.91	20	

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	09/04/25 10:25

- 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.



WO # 21631934

Client Information				Invoice Information		Lab Use Only		TAT		State							
Client: Devon				Company: Devon Energy		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX		
Project: Helios 6 Fed Com 2H Battery				Address: 5315 Buena Vista Dr		E508307	0058-0007				X	X					
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220		<b>Analysis and Method</b> DRO/ORO by 8015 GRC/DRO by 8015 BTX by 8021 VOC by 8260 Chloride 300.0 TCEQ 1005 - TX RCRA 8 Metals BGDOC - NM BGDOC - TX						<b>EPA Program</b>					
Address: 3122 National Parks Hwy				Phone: (575)689-7597								SDWA			CWA	RCRA	
City, State, Zip: Carlsbad NM, 88220				Email: jim.raley@env.com								Compliance			Y	or	N
Phone: 575-988-0055				Miscellaneous: Jim Raley								PWSID #					
Email: agiovengo@ensolum.com																	
Sample Information																	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number							Sample Temp	Remarks			
852	8/26/25	S	1	BH01-4'		1							3.7	IF BH01-			
908				BH01-10'		2							3.8	45' Passes			
931				BH01-16'		3							4.1	disregard			
932				BH01-20'		4							4.4	-60' & 70' IF not			
945				BH01-30'		5							3.9	test 60' and if			
1015				BH01-45'		6							4.3	necessary test 70'			
1042				BH01-60'		7							4.1				
1050				BH01-70'		8							3.9				
1208				BH05-2'		9							3.7				
1209				BH05-3'		10							4.2				
<b>Additional Instructions:</b> Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@env.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: Uriel Santillana																	
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. <b>Lab Use Only</b> Received on ice: (Y/N)									
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time										
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																	
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																	

## Envirotech Analytical Laboratory

Printed: 8/28/2025 9:19:14AM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	08/28/25 07:00	Work Order ID:	E508307
Phone:	(505) 382-1211	Date Logged In:	08/27/25 15:10	Logged In By:	Noe Soto
Email:	agiovengo@ensolum.com	Due Date:	09/04/25 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: CourierSample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? Yes

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client InstructionComments/Resolution

Client Remark: If BH01-45 passes, disregard -60 & 70. If not Test 60 and if necessary test 70.

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

Date



envirotech Inc.



Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Devon Energy - Carlsbad

Project Name: Helios 6 Fed Com 2H Battery

Work Order: E510100

Job Number: 01058-0007

Received: 10/10/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
10/16/25

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 10/16/25

Ashley Giovengo  
333 W Sheridan Avenue  
Oklahoma City, OK 73102-5010



Project Name: Helios 6 Fed Com 2H Battery  
Workorder: E510100  
Date Received: 10/10/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/10/2025 8:00:00AM, under the Project Name: Helios 6 Fed Com 2H Battery.

The analytical test results summarized in this report with the Project Name: Helios 6 Fed Com 2H Battery apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
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[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

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Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)



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Sample Summary

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	Reported: 10/16/25 13:06
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BF01	E510100-01A	Soil	10/08/25	10/10/25	Glass Jar, 2 oz.
BF02	E510100-02A	Soil	10/08/25	10/10/25	Glass Jar, 2 oz.

## Sample Data

Devon Energy - Carlsbad  
333 W Sheridan Avenue  
Oklahoma City OK, 73102-5010

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
10/16/2025 1:06:59PM

### BF01

### E510100-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2541140	
Benzene	ND	0.0250	1	10/10/25	10/15/25	
Ethylbenzene	ND	0.0250	1	10/10/25	10/15/25	
Toluene	ND	0.0250	1	10/10/25	10/15/25	
o-Xylene	ND	0.0250	1	10/10/25	10/15/25	
p,m-Xylene	ND	0.0500	1	10/10/25	10/15/25	
Total Xylenes	ND	0.0250	1	10/10/25	10/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		112 %	70-130	10/10/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2541140	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/10/25	10/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.1 %	70-130	10/10/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KH		Batch: 2541134	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/10/25	10/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/10/25	10/11/25	
<i>Surrogate: n-Nonane</i>		96.8 %	61-141	10/10/25	10/11/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: TP		Batch: 2541143	
Chloride	211	20.0	1	10/10/25	10/10/25	



## Sample Data

Devon Energy - Carlsbad  
333 W Sheridan Avenue  
Oklahoma City OK, 73102-5010

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
10/16/2025 1:06:59PM

## BF02

## E510100-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2541140	
Benzene	ND	0.0250	1	10/10/25	10/15/25	
Ethylbenzene	ND	0.0250	1	10/10/25	10/15/25	
Toluene	ND	0.0250	1	10/10/25	10/15/25	
o-Xylene	ND	0.0250	1	10/10/25	10/15/25	
p,m-Xylene	ND	0.0500	1	10/10/25	10/15/25	
Total Xylenes	ND	0.0250	1	10/10/25	10/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		111 %	70-130	10/10/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2541140	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/10/25	10/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.4 %	70-130	10/10/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KH		Batch: 2541134	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/10/25	10/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/10/25	10/11/25	
<i>Surrogate: n-Nonane</i>		95.8 %	61-141	10/10/25	10/11/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: TP		Batch: 2541143	
Chloride	ND	20.0	1	10/10/25	10/10/25	



## QC Summary Data

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	10/16/2025 1:06:59PM

## Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2541140-BLK1)

Prepared: 10/10/25 Analyzed: 10/15/25

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	8.76		8.00		109	70-130			

## LCS (2541140-BS1)

Prepared: 10/10/25 Analyzed: 10/15/25

Benzene	4.58	0.0250	5.00		91.5	70-130			
Ethylbenzene	4.99	0.0250	5.00		99.9	70-130			
Toluene	4.84	0.0250	5.00		96.7	70-130			
o-Xylene	5.09	0.0250	5.00		102	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.2	0.0250	15.0		101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.81		8.00		110	70-130			

## Matrix Spike (2541140-MS1)

Source: E510099-05

Prepared: 10/10/25 Analyzed: 10/15/25

Benzene	40.5	0.250	50.0	ND	80.9	70-130			
Ethylbenzene	43.9	0.250	50.0	ND	87.8	70-130			
Toluene	42.7	0.250	50.0	ND	85.3	70-130			
o-Xylene	44.6	0.250	50.0	ND	89.3	70-130			
p,m-Xylene	89.0	0.500	100	ND	89.0	70-130			
Total Xylenes	134	0.250	150	ND	89.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	88.4		80.0		111	70-130			

## Matrix Spike Dup (2541140-MSD1)

Source: E510099-05

Prepared: 10/10/25 Analyzed: 10/15/25

Benzene	41.8	0.250	50.0	ND	83.7	70-130	3.35	27	
Ethylbenzene	45.6	0.250	50.0	ND	91.3	70-130	3.92	26	
Toluene	44.2	0.250	50.0	ND	88.4	70-130	3.53	20	
o-Xylene	46.5	0.250	50.0	ND	93.0	70-130	4.11	25	
p,m-Xylene	92.6	0.500	100	ND	92.6	70-130	3.97	23	
Total Xylenes	139	0.250	150	ND	92.8	70-130	4.02	26	
Surrogate: 4-Bromochlorobenzene-PID	89.3		80.0		112	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	10/16/2025 1:06:59PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2541140-BLK1) Prepared: 10/10/25 Analyzed: 10/15/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.39		8.00		92.4	70-130			

LCS (2541140-BS2) Prepared: 10/10/25 Analyzed: 10/15/25

Gasoline Range Organics (C6-C10)	55.9	20.0	50.0		112	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.48		8.00		93.5	70-130			

Matrix Spike (2541140-MS2) Source: E510099-05 Prepared: 10/10/25 Analyzed: 10/15/25

Gasoline Range Organics (C6-C10)	565	200	500	ND	113	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	73.5		80.0		91.9	70-130			

Matrix Spike Dup (2541140-MSD2) Source: E510099-05 Prepared: 10/10/25 Analyzed: 10/15/25

Gasoline Range Organics (C6-C10)	585	200	500	ND	117	70-130	3.47	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	72.9		80.0		91.1	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	10/16/2025 1:06:59PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2541134-BLK1)					Prepared: 10/10/25 Analyzed: 10/10/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.9		50.0		110	61-141			

LCS (2541134-BS1)					Prepared: 10/10/25 Analyzed: 10/10/25				
Diesel Range Organics (C10-C28)	243	25.0	250		97.1	66-144			
Surrogate: n-Nonane	46.0		50.0		92.0	61-141			

Matrix Spike (2541134-MS1)					Source: E510099-02		Prepared: 10/10/25 Analyzed: 10/10/25		
Diesel Range Organics (C10-C28)	1920	500	250	1830	35.2	56-156			M4
Surrogate: n-Nonane	58.1		50.0		116	61-141			

Matrix Spike Dup (2541134-MSD1)					Source: E510099-02		Prepared: 10/10/25 Analyzed: 10/10/25		
Diesel Range Organics (C10-C28)	2020	500	250	1830	77.1	56-156	5.31	20	
Surrogate: n-Nonane	53.5		50.0		107	61-141			





QC Summary Data

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	10/16/2025 1:06:59PM

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 (2541143-BLK1)					Prepared: 10/10/25 Analyzed: 10/10/25				
Chloride	ND	20.0							
LCS (2541143-BS1)					Prepared: 10/10/25 Analyzed: 10/10/25				
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2541143-MS1)					Source: E510106-02		Prepared: 10/10/25 Analyzed: 10/10/25		
Chloride	252	20.0	250	ND	101	80-120			
Matrix Spike Dup (2541143-MSD1)					Source: E510106-02		Prepared: 10/10/25 Analyzed: 10/10/25		
Chloride	253	20.0	250	ND	101	80-120	0.425	20	

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	
333 W Sheridan Avenue	Project Number:	01058-0007	Reported:
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	10/16/25 13:06

- 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.



[illegible]

## Envirotech Analytical Laboratory

Printed: 10/10/2025 9:35:26AM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	10/10/25 08:00	Work Order ID:	E510100
Phone:	(505) 382-1211	Date Logged In:	10/09/25 13:42	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	10/16/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/Resolution

Sample time on BF02 container does not match time on COC. Client stated time on COC is correct.

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? Yes

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

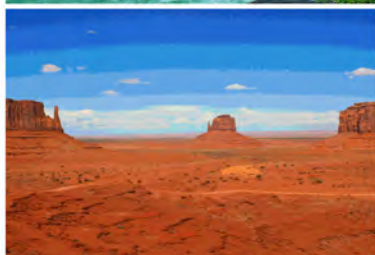
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Devon Energy - Carlsbad

Project Name: Helios 6 Fed Com 2H Battery

Work Order: E510121

Job Number: 01058-0007

Received: 10/13/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
10/17/25

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 10/17/25

Ashley Giovengo  
333 W Sheridan Avenue  
Oklahoma City, OK 73102-5010



Project Name: Helios 6 Fed Com 2H Battery  
Workorder: E510121  
Date Received: 10/13/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/13/2025 7:00:00AM, under the Project Name: Helios 6 Fed Com 2H Battery.

The analytical test results summarized in this report with the Project Name: Helios 6 Fed Com 2H Battery apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

**Walter Hinchman**  
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Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
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Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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## Sample Summary

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Helios 6 Fed Com 2H Battery Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/17/25 08:23
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW01-0'-4'	E510121-01A	Soil	10/09/25	10/13/25	Glass Jar, 2 oz.
SW02-0'-4'	E510121-02A	Soil	10/09/25	10/13/25	Glass Jar, 2 oz.
FS18-4'	E510121-03A	Soil	10/09/25	10/13/25	Glass Jar, 2 oz.
FS19-4'	E510121-04A	Soil	10/09/25	10/13/25	Glass Jar, 2 oz.
FS20-4'	E510121-05A	Soil	10/09/25	10/13/25	Glass Jar, 2 oz.
FS23-4'	E510121-06A	Soil	10/09/25	10/13/25	Glass Jar, 2 oz.
FS24-4'	E510121-07A	Soil	10/09/25	10/13/25	Glass Jar, 2 oz.
FS27-4'	E510121-08A	Soil	10/09/25	10/13/25	Glass Jar, 2 oz.
FS28-4'	E510121-09A	Soil	10/09/25	10/13/25	Glass Jar, 2 oz.
FS31-4'	E510121-10A	Soil	10/09/25	10/13/25	Glass Jar, 2 oz.



## Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Helios 6 Fed Com 2H Battery Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/17/2025 8:23:41AM
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**SW01-0'-4'**

**E510121-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2542016	
Benzene	ND	0.0250	1	10/13/25	10/14/25	
Ethylbenzene	ND	0.0250	1	10/13/25	10/14/25	
Toluene	ND	0.0250	1	10/13/25	10/14/25	
o-Xylene	ND	0.0250	1	10/13/25	10/14/25	
p,m-Xylene	ND	0.0500	1	10/13/25	10/14/25	
Total Xylenes	ND	0.0250	1	10/13/25	10/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	10/13/25	10/14/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2542016	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.5 %	70-130	10/13/25	10/14/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KH		Batch: 2542004	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/25	10/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/25	10/13/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	10/13/25	10/13/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2542042	
Chloride	134	20.0	1	10/14/25	10/14/25	



## Sample Data

Devon Energy - Carlsbad  
333 W Sheridan Avenue  
Oklahoma City OK, 73102-5010

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
10/17/2025 8:23:41AM

SW02-0'-4'

E510121-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2542016
Benzene	ND	0.0250	1	10/13/25	10/14/25	
Ethylbenzene	ND	0.0250	1	10/13/25	10/14/25	
Toluene	ND	0.0250	1	10/13/25	10/14/25	
o-Xylene	ND	0.0250	1	10/13/25	10/14/25	
p,m-Xylene	ND	0.0500	1	10/13/25	10/14/25	
Total Xylenes	ND	0.0250	1	10/13/25	10/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	10/13/25	10/14/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2542016
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.6 %	70-130	10/13/25	10/14/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2542004
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/25	10/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/25	10/13/25	
<i>Surrogate: n-Nonane</i>						
		97.6 %	61-141	10/13/25	10/13/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2542042
Chloride	481	20.0	1	10/14/25	10/14/25	



## Sample Data

Devon Energy - Carlsbad  
333 W Sheridan Avenue  
Oklahoma City OK, 73102-5010

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
10/17/2025 8:23:41AM

FS18-4'

E510121-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2542016	
Benzene	ND	0.0250	1	10/13/25	10/14/25	
Ethylbenzene	ND	0.0250	1	10/13/25	10/14/25	
Toluene	ND	0.0250	1	10/13/25	10/14/25	
o-Xylene	ND	0.0250	1	10/13/25	10/14/25	
p,m-Xylene	ND	0.0500	1	10/13/25	10/14/25	
Total Xylenes	ND	0.0250	1	10/13/25	10/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	10/13/25	10/14/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2542016	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.6 %	70-130	10/13/25	10/14/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2542004	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/25	10/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/25	10/13/25	
<i>Surrogate: n-Nonane</i>						
		97.8 %	61-141	10/13/25	10/13/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2542042	
Chloride	417	20.0	1	10/14/25	10/14/25	



## Sample Data

Devon Energy - Carlsbad  
333 W Sheridan Avenue  
Oklahoma City OK, 73102-5010

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
10/17/2025 8:23:41AM

FS19-4'

E510121-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2542016	
Benzene	ND	0.0250	1	10/13/25	10/14/25	
Ethylbenzene	ND	0.0250	1	10/13/25	10/14/25	
Toluene	ND	0.0250	1	10/13/25	10/14/25	
o-Xylene	ND	0.0250	1	10/13/25	10/14/25	
p,m-Xylene	ND	0.0500	1	10/13/25	10/14/25	
Total Xylenes	ND	0.0250	1	10/13/25	10/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.7 %	70-130		10/13/25	10/14/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2542016	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.6 %	70-130		10/13/25	10/14/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2542004	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/25	10/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/25	10/13/25	
<i>Surrogate: n-Nonane</i>						
	99.4 %	61-141		10/13/25	10/13/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2542042	
Chloride	2390	20.0	1	10/14/25	10/14/25	



## Sample Data

Devon Energy - Carlsbad  
333 W Sheridan Avenue  
Oklahoma City OK, 73102-5010

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
10/17/2025 8:23:41AM

FS20-4'

E510121-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2542016
Benzene	ND	0.0250	1	10/13/25	10/14/25	
Ethylbenzene	ND	0.0250	1	10/13/25	10/14/25	
Toluene	ND	0.0250	1	10/13/25	10/14/25	
o-Xylene	ND	0.0250	1	10/13/25	10/14/25	
p,m-Xylene	ND	0.0500	1	10/13/25	10/14/25	
Total Xylenes	ND	0.0250	1	10/13/25	10/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	10/13/25	10/14/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2542016
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.3 %	70-130	10/13/25	10/14/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2542004
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/25	10/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/25	10/13/25	
<i>Surrogate: n-Nonane</i>						
		98.4 %	61-141	10/13/25	10/13/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2542042
Chloride	5190	40.0	2	10/14/25	10/14/25	



## Sample Data

Devon Energy - Carlsbad  
333 W Sheridan Avenue  
Oklahoma City OK, 73102-5010

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
10/17/2025 8:23:41AM

FS23-4'

E510121-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2542016	
Benzene	ND	0.0250	1	10/13/25	10/14/25	
Ethylbenzene	ND	0.0250	1	10/13/25	10/14/25	
Toluene	ND	0.0250	1	10/13/25	10/14/25	
o-Xylene	ND	0.0250	1	10/13/25	10/14/25	
p,m-Xylene	ND	0.0500	1	10/13/25	10/14/25	
Total Xylenes	ND	0.0250	1	10/13/25	10/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	10/13/25	10/14/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2542016	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.7 %	70-130	10/13/25	10/14/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KH		Batch: 2542004	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/25	10/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/25	10/14/25	
<i>Surrogate: n-Nonane</i>		98.0 %	61-141	10/13/25	10/14/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2542042	
Chloride	200	20.0	1	10/14/25	10/14/25	





## Sample Data

Devon Energy - Carlsbad  
333 W Sheridan Avenue  
Oklahoma City OK, 73102-5010

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
10/17/2025 8:23:41AM

FS24-4'

E510121-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2542016
Benzene	ND	0.0250	1	10/13/25	10/14/25	
Ethylbenzene	ND	0.0250	1	10/13/25	10/14/25	
Toluene	ND	0.0250	1	10/13/25	10/14/25	
o-Xylene	ND	0.0250	1	10/13/25	10/14/25	
p,m-Xylene	ND	0.0500	1	10/13/25	10/14/25	
Total Xylenes	ND	0.0250	1	10/13/25	10/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.6 %	70-130		10/13/25	10/14/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2542016
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.6 %	70-130		10/13/25	10/14/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2542004
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/25	10/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/25	10/14/25	
<i>Surrogate: n-Nonane</i>						
	96.2 %	61-141		10/13/25	10/14/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2542042
Chloride	7140	100	5	10/14/25	10/14/25	



## Sample Data

Devon Energy - Carlsbad  
333 W Sheridan Avenue  
Oklahoma City OK, 73102-5010

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
10/17/2025 8:23:41AM

FS27-4'

E510121-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2542016
Benzene	ND	0.0250	1	10/13/25	10/14/25	
Ethylbenzene	ND	0.0250	1	10/13/25	10/14/25	
Toluene	ND	0.0250	1	10/13/25	10/14/25	
o-Xylene	ND	0.0250	1	10/13/25	10/14/25	
p,m-Xylene	ND	0.0500	1	10/13/25	10/14/25	
Total Xylenes	ND	0.0250	1	10/13/25	10/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	10/13/25	10/14/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2542016
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.0 %	70-130	10/13/25	10/14/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2542004
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/25	10/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/25	10/14/25	
<i>Surrogate: n-Nonane</i>						
		108 %	61-141	10/13/25	10/14/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2542042
Chloride	170	20.0	1	10/14/25	10/14/25	



## Sample Data

Devon Energy - Carlsbad  
333 W Sheridan Avenue  
Oklahoma City OK, 73102-5010

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
10/17/2025 8:23:41AM

FS28-4'

E510121-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2542016	
Benzene	ND	0.0250	1	10/13/25	10/14/25	
Ethylbenzene	ND	0.0250	1	10/13/25	10/14/25	
Toluene	ND	0.0250	1	10/13/25	10/14/25	
o-Xylene	ND	0.0250	1	10/13/25	10/14/25	
p,m-Xylene	ND	0.0500	1	10/13/25	10/14/25	
Total Xylenes	ND	0.0250	1	10/13/25	10/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	10/13/25	10/14/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2542016	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.3 %	70-130	10/13/25	10/14/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2542004	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/25	10/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/25	10/14/25	
<i>Surrogate: n-Nonane</i>						
		107 %	61-141	10/13/25	10/14/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2542042	
Chloride	7360	100	5	10/14/25	10/14/25	



## Sample Data

Devon Energy - Carlsbad  
333 W Sheridan Avenue  
Oklahoma City OK, 73102-5010

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
10/17/2025 8:23:41AM

FS31-4'

E510121-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2542016
Benzene	ND	0.0250	1	10/13/25	10/14/25	
Ethylbenzene	ND	0.0250	1	10/13/25	10/14/25	
Toluene	ND	0.0250	1	10/13/25	10/14/25	
o-Xylene	ND	0.0250	1	10/13/25	10/14/25	
p,m-Xylene	ND	0.0500	1	10/13/25	10/14/25	
Total Xylenes	ND	0.0250	1	10/13/25	10/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	10/13/25	10/14/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2542016
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.3 %	70-130	10/13/25	10/14/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2542004
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/25	10/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/25	10/14/25	
<i>Surrogate: n-Nonane</i>						
		96.0 %	61-141	10/13/25	10/14/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2542042
Chloride	3470	40.0	2	10/14/25	10/14/25	



## QC Summary Data

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	10/17/2025 8:23:41AM

## Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2542016-BLK1)

Prepared: 10/13/25 Analyzed: 10/13/25

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	7.96		8.00		99.5	70-130			

## LCS (2542016-BS1)

Prepared: 10/13/25 Analyzed: 10/13/25

Benzene	5.47	0.0250	5.00		109	70-130			
Ethylbenzene	5.44	0.0250	5.00		109	70-130			
Toluene	5.48	0.0250	5.00		110	70-130			
o-Xylene	5.46	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	8.13		8.00		102	70-130			

## Matrix Spike (2542016-MS1)

Source: E510120-01

Prepared: 10/13/25 Analyzed: 10/13/25

Benzene	5.67	0.0250	5.00	ND	113	70-130			
Ethylbenzene	5.63	0.0250	5.00	ND	113	70-130			
Toluene	5.67	0.0250	5.00	ND	113	70-130			
o-Xylene	5.63	0.0250	5.00	ND	113	70-130			
p,m-Xylene	11.4	0.0500	10.0	ND	114	70-130			
Total Xylenes	17.1	0.0250	15.0	ND	114	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.16		8.00		102	70-130			

## Matrix Spike Dup (2542016-MSD1)

Source: E510120-01

Prepared: 10/13/25 Analyzed: 10/13/25

Benzene	5.94	0.0250	5.00	ND	119	70-130	4.64	27	
Ethylbenzene	5.90	0.0250	5.00	ND	118	70-130	4.73	26	
Toluene	5.95	0.0250	5.00	ND	119	70-130	4.77	20	
o-Xylene	5.93	0.0250	5.00	ND	119	70-130	5.04	25	
p,m-Xylene	12.0	0.0500	10.0	ND	120	70-130	4.70	23	
Total Xylenes	17.9	0.0250	15.0	ND	119	70-130	4.81	26	
Surrogate: 4-Bromochlorobenzene-PID	7.96		8.00		99.5	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	10/17/2025 8:23:41AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2542016-BLK1) Prepared: 10/13/25 Analyzed: 10/13/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.21		8.00		90.2	70-130			

LCS (2542016-BS2) Prepared: 10/13/25 Analyzed: 10/13/25

Gasoline Range Organics (C6-C10)	47.8	20.0	50.0		95.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.20		8.00		89.9	70-130			

Matrix Spike (2542016-MS2) Source: E510120-01 Prepared: 10/13/25 Analyzed: 10/14/25

Gasoline Range Organics (C6-C10)	49.3	20.0	50.0	ND	98.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.20		8.00		90.0	70-130			

Matrix Spike Dup (2542016-MSD2) Source: E510120-01 Prepared: 10/13/25 Analyzed: 10/14/25

Gasoline Range Organics (C6-C10)	50.4	20.0	50.0	ND	101	70-130	2.27	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.25		8.00		90.6	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	10/17/2025 8:23:41AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2542004-BLK1)					Prepared: 10/13/25 Analyzed: 10/13/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.5		50.0		103	61-141			

LCS (2542004-BS1)					Prepared: 10/13/25 Analyzed: 10/13/25				
Diesel Range Organics (C10-C28)	237	25.0	250		95.0	66-144			
Surrogate: n-Nonane	47.3		50.0		94.6	61-141			

Matrix Spike (2542004-MS1)					Source: E510121-04		Prepared: 10/13/25 Analyzed: 10/13/25		
Diesel Range Organics (C10-C28)	252	25.0	250	ND	101	56-156			
Surrogate: n-Nonane	48.1		50.0		96.2	61-141			

Matrix Spike Dup (2542004-MSD1)					Source: E510121-04		Prepared: 10/13/25 Analyzed: 10/13/25		
Diesel Range Organics (C10-C28)	248	25.0	250	ND	99.3	56-156	1.71	20	
Surrogate: n-Nonane	47.7		50.0		95.5	61-141			





QC Summary Data

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	10/17/2025 8:23:41AM

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 (2542042-BLK1)					Prepared: 10/14/25 Analyzed: 10/14/25				
Chloride	ND	20.0							
LCS (2542042-BS1)					Prepared: 10/14/25 Analyzed: 10/14/25				
Chloride	256	20.0	250		103	90-110			
Matrix Spike (2542042-MS1)					Source: E510121-05		Prepared: 10/14/25 Analyzed: 10/14/25		
Chloride	5450	40.0	250	5190	102	80-120			
Matrix Spike Dup (2542042-MSD1)					Source: E510121-05		Prepared: 10/14/25 Analyzed: 10/14/25		
Chloride	5720	40.0	250	5190	210	80-120	4.85	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:	Helios 6 Fed Com 2H Battery	
333 W Sheridan Avenue	Project Number:	01058-0007	Reported:
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	10/17/25 08:23

- 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.



Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Devon				Company: Devon Energy				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project: Helios 6 Fed Com 2H Battery				Address: 5315 Buena Vista Dr				E510121		01058-0007					X	X			
Project Manager: Ashley Gioveno				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: agioveno@ensolum.com																			
Sample Information										Analysis and Method						EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005-TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	Compliance
																			Y or N
																			PWSID #
																			Sample Temp
																			Remarks
1331	10/04/25	Soil	1	SW01 - 0' - 4'		1													4.3
1531				SW02 - 0' - 4'		2													4.5
1533				FS18 - 4'		3													3.9
1534				19 - 4'		4													3.9
1536				20 - 4'		5													3.6
1341				23 - 4'		6													4.1
133A				24 - 4'		7													4.3
1331				27 - 4'		8													4.5
1335				28 - 4'		9													3.6
1338				31 - 4'		10													3.8
Additional Instructions: Please CC: cburton@ensolum.com, agioveno@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, igonzales@ensolum.com, jmccauley@ensolum.com, eplugge@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	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N							
Jenna Hinkle				10-10-25	0711	Michelle Gonzales				10-10-25	0711								
Relinquished by: (Signature)				Date	Time	Received by: (Signature)				Date	Time								
Michelle Gonzales				10-10-25	1430	Nathan Singson				10-10-25	1430								
Relinquished by: (Signature)				Date	Time	Received by: (Signature)				Date	Time								
Nathan Singson				10-10-25	2400	Noe Sab				10-13-25	0700								
Relinquished by: (Signature)				Date	Time	Received by: (Signature)				Date	Time								
				Date	Time					Date	Time								
Relinquished by: (Signature)				Date	Time	Received by: (Signature)				Date	Time								
				Date	Time					Date	Time								
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																			
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

## Envirotech Analytical Laboratory

Printed: 10/13/2025 2:04:36PM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	10/13/25 07:00	Work Order ID:	E510121
Phone:	(505) 382-1211	Date Logged In:	10/10/25 15:39	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	10/17/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? Yes

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.



Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Devon Energy - Carlsbad

Project Name: Helios 6 Fed Com 2H Battery

Work Order: E510138

Job Number: 01058-0007

Received: 10/14/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
10/20/25

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 10/20/25

Ashley Giovengo  
333 W Sheridan Avenue  
Oklahoma City, OK 73102-5010



Project Name: Helios 6 Fed Com 2H Battery  
Workorder: E510138  
Date Received: 10/14/2025 8:00:56AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/14/2025 8:00:56AM, under the Project Name: Helios 6 Fed Com 2H Battery.

The analytical test results summarized in this report with the Project Name: Helios 6 Fed Com 2H Battery apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
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[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

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Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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## Sample Summary

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Helios 6 Fed Com 2H Battery Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/20/25 08:42
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW03-0'-4'	E510138-01A	Soil	10/10/25	10/14/25	Glass Jar, 2 oz.
FS02-4'	E510138-02A	Soil	10/10/25	10/14/25	Glass Jar, 2 oz.
FS04-4'	E510138-03A	Soil	10/10/25	10/14/25	Glass Jar, 2 oz.
FS05-4'	E510138-04A	Soil	10/10/25	10/14/25	Glass Jar, 2 oz.
FS07-4'	E510138-05A	Soil	10/10/25	10/14/25	Glass Jar, 2 oz.
FS08-4'	E510138-06A	Soil	10/13/25	10/14/25	Glass Jar, 2 oz.
FS12-4'	E510138-07A	Soil	10/10/25	10/14/25	Glass Jar, 2 oz.
FS13-4'	E510138-08A	Soil	10/10/25	10/14/25	Glass Jar, 2 oz.
FS14-4'	E510138-09A	Soil	10/10/25	10/14/25	Glass Jar, 2 oz.



## Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Helios 6 Fed Com 2H Battery Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/20/2025 8:42:27AM
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**SW03-0'-4'**

**E510138-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2542048
Benzene	ND	0.0250	1	10/14/25	10/15/25	
Ethylbenzene	ND	0.0250	1	10/14/25	10/15/25	
Toluene	ND	0.0250	1	10/14/25	10/15/25	
o-Xylene	ND	0.0250	1	10/14/25	10/15/25	
p,m-Xylene	ND	0.0500	1	10/14/25	10/15/25	
Total Xylenes	ND	0.0250	1	10/14/25	10/15/25	
Surrogate: Bromofluorobenzene		102 %	70-130	10/14/25	10/15/25	
Surrogate: 1,2-Dichloroethane-d4		86.5 %	70-130	10/14/25	10/15/25	
Surrogate: Toluene-d8		95.6 %	70-130	10/14/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2542048
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/25	10/15/25	
Surrogate: Bromofluorobenzene		102 %	70-130	10/14/25	10/15/25	
Surrogate: 1,2-Dichloroethane-d4		86.5 %	70-130	10/14/25	10/15/25	
Surrogate: Toluene-d8		95.6 %	70-130	10/14/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2542063
Diesel Range Organics (C10-C28)	ND	25.0	1	10/15/25	10/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/15/25	10/15/25	
Surrogate: n-Nonane		106 %	61-141	10/15/25	10/15/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2542081
Chloride	137	20.0	1	10/15/25	10/15/25	



## Sample Data

Devon Energy - Carlsbad  
333 W Sheridan Avenue  
Oklahoma City OK, 73102-5010

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
10/20/2025 8:42:27AM

FS02-4'

E510138-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2542048
Benzene	ND	0.0250	1	10/14/25	10/15/25	
Ethylbenzene	ND	0.0250	1	10/14/25	10/15/25	
Toluene	ND	0.0250	1	10/14/25	10/15/25	
o-Xylene	ND	0.0250	1	10/14/25	10/15/25	
p,m-Xylene	ND	0.0500	1	10/14/25	10/15/25	
Total Xylenes	ND	0.0250	1	10/14/25	10/15/25	
Surrogate: Bromofluorobenzene		101 %	70-130	10/14/25	10/15/25	
Surrogate: 1,2-Dichloroethane-d4		89.0 %	70-130	10/14/25	10/15/25	
Surrogate: Toluene-d8		95.2 %	70-130	10/14/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2542048
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/25	10/15/25	
Surrogate: Bromofluorobenzene		101 %	70-130	10/14/25	10/15/25	
Surrogate: 1,2-Dichloroethane-d4		89.0 %	70-130	10/14/25	10/15/25	
Surrogate: Toluene-d8		95.2 %	70-130	10/14/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2542063
Diesel Range Organics (C10-C28)	ND	25.0	1	10/15/25	10/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/15/25	10/15/25	
Surrogate: n-Nonane		109 %	61-141	10/15/25	10/15/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2542081
Chloride	460	40.0	2	10/15/25	10/15/25	



## Sample Data

Devon Energy - Carlsbad  
333 W Sheridan Avenue  
Oklahoma City OK, 73102-5010

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
10/20/2025 8:42:27AM

FS04-4'

E510138-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2542048
Benzene	ND	0.0250	1	10/14/25	10/15/25	
Ethylbenzene	ND	0.0250	1	10/14/25	10/15/25	
Toluene	ND	0.0250	1	10/14/25	10/15/25	
o-Xylene	ND	0.0250	1	10/14/25	10/15/25	
p,m-Xylene	ND	0.0500	1	10/14/25	10/15/25	
Total Xylenes	ND	0.0250	1	10/14/25	10/15/25	
Surrogate: Bromofluorobenzene		104 %	70-130	10/14/25	10/15/25	
Surrogate: 1,2-Dichloroethane-d4		85.5 %	70-130	10/14/25	10/15/25	
Surrogate: Toluene-d8		96.0 %	70-130	10/14/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2542048
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/25	10/15/25	
Surrogate: Bromofluorobenzene		104 %	70-130	10/14/25	10/15/25	
Surrogate: 1,2-Dichloroethane-d4		85.5 %	70-130	10/14/25	10/15/25	
Surrogate: Toluene-d8		96.0 %	70-130	10/14/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2542063
Diesel Range Organics (C10-C28)	ND	25.0	1	10/15/25	10/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/15/25	10/15/25	
Surrogate: n-Nonane		111 %	61-141	10/15/25	10/15/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2542081
Chloride	209	20.0	1	10/15/25	10/15/25	



## Sample Data

Devon Energy - Carlsbad  
333 W Sheridan Avenue  
Oklahoma City OK, 73102-5010

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
10/20/2025 8:42:27AM

FS05-4'

E510138-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2542048
Benzene	ND	0.0250	1	10/14/25	10/16/25	
Ethylbenzene	ND	0.0250	1	10/14/25	10/16/25	
Toluene	ND	0.0250	1	10/14/25	10/16/25	
o-Xylene	ND	0.0250	1	10/14/25	10/16/25	
p,m-Xylene	ND	0.0500	1	10/14/25	10/16/25	
Total Xylenes	ND	0.0250	1	10/14/25	10/16/25	
Surrogate: Bromofluorobenzene		104 %	70-130	10/14/25	10/16/25	
Surrogate: 1,2-Dichloroethane-d4		90.1 %	70-130	10/14/25	10/16/25	
Surrogate: Toluene-d8		95.6 %	70-130	10/14/25	10/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2542048
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/25	10/16/25	
Surrogate: Bromofluorobenzene		104 %	70-130	10/14/25	10/16/25	
Surrogate: 1,2-Dichloroethane-d4		90.1 %	70-130	10/14/25	10/16/25	
Surrogate: Toluene-d8		95.6 %	70-130	10/14/25	10/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2542063
Diesel Range Organics (C10-C28)	ND	25.0	1	10/15/25	10/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/15/25	10/15/25	
Surrogate: n-Nonane		112 %	61-141	10/15/25	10/15/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2542081
Chloride	120	20.0	1	10/15/25	10/15/25	



## Sample Data

Devon Energy - Carlsbad  
333 W Sheridan Avenue  
Oklahoma City OK, 73102-5010

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
10/20/2025 8:42:27AM

FS07-4'

E510138-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2542048
Benzene	ND	0.0250	1	10/14/25	10/16/25	
Ethylbenzene	ND	0.0250	1	10/14/25	10/16/25	
Toluene	ND	0.0250	1	10/14/25	10/16/25	
o-Xylene	ND	0.0250	1	10/14/25	10/16/25	
p,m-Xylene	ND	0.0500	1	10/14/25	10/16/25	
Total Xylenes	ND	0.0250	1	10/14/25	10/16/25	
Surrogate: Bromofluorobenzene		104 %	70-130	10/14/25	10/16/25	
Surrogate: 1,2-Dichloroethane-d4		88.6 %	70-130	10/14/25	10/16/25	
Surrogate: Toluene-d8		95.1 %	70-130	10/14/25	10/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2542048
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/25	10/16/25	
Surrogate: Bromofluorobenzene		104 %	70-130	10/14/25	10/16/25	
Surrogate: 1,2-Dichloroethane-d4		88.6 %	70-130	10/14/25	10/16/25	
Surrogate: Toluene-d8		95.1 %	70-130	10/14/25	10/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2542063
Diesel Range Organics (C10-C28)	ND	25.0	1	10/15/25	10/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/15/25	10/15/25	
Surrogate: n-Nonane		112 %	61-141	10/15/25	10/15/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2542081
Chloride	438	20.0	1	10/15/25	10/15/25	



## Sample Data

Devon Energy - Carlsbad  
333 W Sheridan Avenue  
Oklahoma City OK, 73102-5010

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
10/20/2025 8:42:27AM

FS08-4'

E510138-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2542048
Benzene	ND	0.0250	1	10/14/25	10/16/25	
Ethylbenzene	ND	0.0250	1	10/14/25	10/16/25	
Toluene	ND	0.0250	1	10/14/25	10/16/25	
o-Xylene	ND	0.0250	1	10/14/25	10/16/25	
p,m-Xylene	ND	0.0500	1	10/14/25	10/16/25	
Total Xylenes	ND	0.0250	1	10/14/25	10/16/25	
Surrogate: Bromofluorobenzene		102 %	70-130	10/14/25	10/16/25	
Surrogate: 1,2-Dichloroethane-d4		91.7 %	70-130	10/14/25	10/16/25	
Surrogate: Toluene-d8		95.6 %	70-130	10/14/25	10/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2542048
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/25	10/16/25	
Surrogate: Bromofluorobenzene		102 %	70-130	10/14/25	10/16/25	
Surrogate: 1,2-Dichloroethane-d4		91.7 %	70-130	10/14/25	10/16/25	
Surrogate: Toluene-d8		95.6 %	70-130	10/14/25	10/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2542063
Diesel Range Organics (C10-C28)	ND	25.0	1	10/15/25	10/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/15/25	10/15/25	
Surrogate: n-Nonane		109 %	61-141	10/15/25	10/15/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2542081
Chloride	408	20.0	1	10/15/25	10/15/25	





## Sample Data

Devon Energy - Carlsbad  
333 W Sheridan Avenue  
Oklahoma City OK, 73102-5010

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
10/20/2025 8:42:27AM

FS12-4'

E510138-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2542048
Benzene	ND	0.0250	1	10/14/25	10/16/25	
Ethylbenzene	ND	0.0250	1	10/14/25	10/16/25	
Toluene	ND	0.0250	1	10/14/25	10/16/25	
o-Xylene	ND	0.0250	1	10/14/25	10/16/25	
p,m-Xylene	ND	0.0500	1	10/14/25	10/16/25	
Total Xylenes	ND	0.0250	1	10/14/25	10/16/25	
Surrogate: Bromofluorobenzene		103 %	70-130	10/14/25	10/16/25	
Surrogate: 1,2-Dichloroethane-d4		89.8 %	70-130	10/14/25	10/16/25	
Surrogate: Toluene-d8		94.5 %	70-130	10/14/25	10/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2542048
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/25	10/16/25	
Surrogate: Bromofluorobenzene		103 %	70-130	10/14/25	10/16/25	
Surrogate: 1,2-Dichloroethane-d4		89.8 %	70-130	10/14/25	10/16/25	
Surrogate: Toluene-d8		94.5 %	70-130	10/14/25	10/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2542063
Diesel Range Organics (C10-C28)	ND	25.0	1	10/15/25	10/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/15/25	10/16/25	
Surrogate: n-Nonane		111 %	61-141	10/15/25	10/16/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2542081
Chloride	653	20.0	1	10/15/25	10/15/25	



## Sample Data

Devon Energy - Carlsbad  
333 W Sheridan Avenue  
Oklahoma City OK, 73102-5010

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
10/20/2025 8:42:27AM

FS13-4'

E510138-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2542048
Benzene	ND	0.0250	1	10/14/25	10/16/25	
Ethylbenzene	ND	0.0250	1	10/14/25	10/16/25	
Toluene	ND	0.0250	1	10/14/25	10/16/25	
o-Xylene	ND	0.0250	1	10/14/25	10/16/25	
p,m-Xylene	ND	0.0500	1	10/14/25	10/16/25	
Total Xylenes	ND	0.0250	1	10/14/25	10/16/25	
Surrogate: Bromofluorobenzene		101 %	70-130	10/14/25	10/16/25	
Surrogate: 1,2-Dichloroethane-d4		89.5 %	70-130	10/14/25	10/16/25	
Surrogate: Toluene-d8		95.2 %	70-130	10/14/25	10/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2542048
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/25	10/16/25	
Surrogate: Bromofluorobenzene		101 %	70-130	10/14/25	10/16/25	
Surrogate: 1,2-Dichloroethane-d4		89.5 %	70-130	10/14/25	10/16/25	
Surrogate: Toluene-d8		95.2 %	70-130	10/14/25	10/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2542063
Diesel Range Organics (C10-C28)	ND	25.0	1	10/15/25	10/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/15/25	10/16/25	
Surrogate: n-Nonane		111 %	61-141	10/15/25	10/16/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2542081
Chloride	3460	40.0	2	10/15/25	10/16/25	



## Sample Data

Devon Energy - Carlsbad  
333 W Sheridan Avenue  
Oklahoma City OK, 73102-5010

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
10/20/2025 8:42:27AM

FS14-4'

E510138-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2542048
Benzene	ND	0.0250	1	10/14/25	10/16/25	
Ethylbenzene	ND	0.0250	1	10/14/25	10/16/25	
Toluene	ND	0.0250	1	10/14/25	10/16/25	
o-Xylene	ND	0.0250	1	10/14/25	10/16/25	
p,m-Xylene	ND	0.0500	1	10/14/25	10/16/25	
Total Xylenes	ND	0.0250	1	10/14/25	10/16/25	
Surrogate: Bromofluorobenzene		103 %	70-130	10/14/25	10/16/25	
Surrogate: 1,2-Dichloroethane-d4		88.1 %	70-130	10/14/25	10/16/25	
Surrogate: Toluene-d8		95.8 %	70-130	10/14/25	10/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2542048
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/25	10/16/25	
Surrogate: Bromofluorobenzene		103 %	70-130	10/14/25	10/16/25	
Surrogate: 1,2-Dichloroethane-d4		88.1 %	70-130	10/14/25	10/16/25	
Surrogate: Toluene-d8		95.8 %	70-130	10/14/25	10/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2542063
Diesel Range Organics (C10-C28)	ND	25.0	1	10/15/25	10/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/15/25	10/16/25	
Surrogate: n-Nonane		112 %	61-141	10/15/25	10/16/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2542081
Chloride	3450	40.0	2	10/15/25	10/16/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	10/20/2025 8:42:27AM

Volatile Organic Compounds by EPA 8260B

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 (2542048-BLK1) Prepared: 10/14/25 Analyzed: 10/15/25

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: Bromofluorobenzene	0.522		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.437		0.500		87.3	70-130			
Surrogate: Toluene-d8	0.481		0.500		96.2	70-130			

LCS (2542048-BS1) Prepared: 10/14/25 Analyzed: 10/15/25

Benzene	2.43	0.0250	2.50		97.1	70-130			
Ethylbenzene	2.54	0.0250	2.50		102	70-130			
Toluene	2.45	0.0250	2.50		98.1	70-130			
o-Xylene	2.61	0.0250	2.50		105	70-130			
p,m-Xylene	5.40	0.0500	5.00		108	70-130			
Total Xylenes	8.02	0.0250	7.50		107	70-130			
Surrogate: Bromofluorobenzene	0.540		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.442		0.500		88.3	70-130			
Surrogate: Toluene-d8	0.487		0.500		97.4	70-130			

Matrix Spike (2542048-MS1) Source: E510138-03 Prepared: 10/14/25 Analyzed: 10/15/25

Benzene	2.33	0.0250	2.50	ND	93.1	48-131			
Ethylbenzene	2.42	0.0250	2.50	ND	96.8	45-135			
Toluene	2.33	0.0250	2.50	ND	93.3	48-130			
o-Xylene	2.55	0.0250	2.50	ND	102	43-135			
p,m-Xylene	5.23	0.0500	5.00	ND	105	43-135			
Total Xylenes	7.79	0.0250	7.50	ND	104	43-135			
Surrogate: Bromofluorobenzene	0.540		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.468		0.500		93.6	70-130			
Surrogate: Toluene-d8	0.476		0.500		95.1	70-130			

Matrix Spike Dup (2542048-MSD1) Source: E510138-03 Prepared: 10/14/25 Analyzed: 10/15/25

Benzene	2.13	0.0250	2.50	ND	85.4	48-131	8.65	23	
Ethylbenzene	2.21	0.0250	2.50	ND	88.3	45-135	9.21	27	
Toluene	2.10	0.0250	2.50	ND	84.2	48-130	10.2	24	
o-Xylene	2.29	0.0250	2.50	ND	91.5	43-135	11.0	27	
p,m-Xylene	4.71	0.0500	5.00	ND	94.2	43-135	10.5	27	
Total Xylenes	7.00	0.0250	7.50	ND	93.3	43-135	10.7	27	
Surrogate: Bromofluorobenzene	0.544		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.457		0.500		91.3	70-130			
Surrogate: Toluene-d8	0.477		0.500		95.4	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	10/20/2025 8:42:27AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2542048-BLK1)

Prepared: 10/14/25 Analyzed: 10/15/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.522		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.437		0.500		87.3	70-130			
Surrogate: Toluene-d8	0.481		0.500		96.2	70-130			

LCS (2542048-BS2)

Prepared: 10/14/25 Analyzed: 10/15/25

Gasoline Range Organics (C6-C10)	49.4	20.0	50.0		98.8	70-130			
Surrogate: Bromofluorobenzene	0.522		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.468		0.500		93.6	70-130			
Surrogate: Toluene-d8	0.498		0.500		99.5	70-130			

Matrix Spike (2542048-MS2)

Source: E510138-03

Prepared: 10/14/25 Analyzed: 10/15/25

Gasoline Range Organics (C6-C10)	48.3	20.0	50.0	ND	96.5	70-130			
Surrogate: Bromofluorobenzene	0.530		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.452		0.500		90.3	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.1	70-130			

Matrix Spike Dup (2542048-MSD2)

Source: E510138-03

Prepared: 10/14/25 Analyzed: 10/15/25

Gasoline Range Organics (C6-C10)	47.0	20.0	50.0	ND	94.1	70-130	2.55	20	
Surrogate: Bromofluorobenzene	0.527		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.451		0.500		90.1	70-130			
Surrogate: Toluene-d8	0.483		0.500		96.5	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	10/20/2025 8:42:27AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2542063-BLK1)					Prepared: 10/15/25 Analyzed: 10/15/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.6		50.0		105	61-141			

LCS (2542063-BS1)					Prepared: 10/15/25 Analyzed: 10/15/25				
Diesel Range Organics (C10-C28)	273	25.0	250		109	66-144			
Surrogate: n-Nonane	50.7		50.0		101	61-141			

Matrix Spike (2542063-MS1)					Source: E510138-06		Prepared: 10/15/25 Analyzed: 10/15/25		
Diesel Range Organics (C10-C28)	305	25.0	250	ND	122	56-156			
Surrogate: n-Nonane	56.7		50.0		113	61-141			

Matrix Spike Dup (2542063-MSD1)					Source: E510138-06		Prepared: 10/15/25 Analyzed: 10/15/25		
Diesel Range Organics (C10-C28)	301	25.0	250	ND	121	56-156	1.29	20	
Surrogate: n-Nonane	55.7		50.0		111	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	10/20/2025 8:42:27AM

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 (2542081-BLK1)					Prepared: 10/15/25 Analyzed: 10/15/25				
Chloride	ND	20.0							
LCS (2542081-BS1)					Prepared: 10/15/25 Analyzed: 10/15/25				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2542081-MS1)					Source: E510137-05		Prepared: 10/15/25 Analyzed: 10/15/25		
Chloride	1230	20.0	250	1130	39.0	80-120			M4
Matrix Spike Dup (2542081-MSD1)					Source: E510137-05		Prepared: 10/15/25 Analyzed: 10/15/25		
Chloride	1420	20.0	250	1130	116	80-120	14.5	20	

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





Definitions and Notes

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	
333 W Sheridan Avenue	Project Number:	01058-0007	Reported:
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	10/20/25 08:42

- 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.



Client Information				Invoice Information		Lab Use Only		TAT		State										
Client: Devon				Company: Devon Energy		Lab WO#		1D 2D 3D Std		NM CO UT TX										
Project: Helios 6 Fed Com 2H Battery				Address: 5315 Buena Vista Dr		E51038		Job Number 0058-0007		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@env.com																
Phone: 575-988-0055				Miscellaneous: Jim Raley																
Email: agiovengo@ensolum.com																				
Sample Information				Analysis and Method																
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	
1300	10/10/2025	Soil	1	SW03-0'-4'			1													
1301				FS02-4'			2													
1302				04-4'			5													
1121				05-4'			4													
1113				07-4'			5													
1114				08-4'			6													
1112				12-4'			7													
1116				13-4'			8													
1118				14-4'			9													
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@env.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, igonzales@ensolum.com, imccauley@ensolum.com, eplugge@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		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								
Jenna Hinkle		10/13/25		7:00		Michelle Gonzales		10-13-25		0700										
Michelle Gonzales		10-13-25		1430		Andrew Musso		10-13-25		1430										
Andrew Musso		10-13-25		1900		Caitlin		10-13-25		1900										
Caitlin		10-13-25		2330		Caitlin		10-14-25		800										
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: 10/14/2025 10:47:18AM

## 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:	Devon Energy - Carlsbad	Date Received:	10/14/25 08:00	Work Order ID:	E510138
Phone:	(505) 382-1211	Date Logged In:	10/13/25 16:19	Logged In By:	Joslyn Meidinger
Email:	agiovento@ensolum.com	Due Date:	10/20/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? Yes

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Devon Energy - Carlsbad

Project Name: Helios 6 Fed Com 2H Battery

Work Order: E510154

Job Number: 01058-0007

Received: 10/15/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
10/21/25

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 10/21/25

Ashley Giovengo  
333 W Sheridan Avenue  
Oklahoma City, OK 73102-5010



Project Name: Helios 6 Fed Com 2H Battery  
Workorder: E510154  
Date Received: 10/15/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/15/2025 8:00:00AM, under the Project Name: Helios 6 Fed Com 2H Battery.

The analytical test results summarized in this report with the Project Name: Helios 6 Fed Com 2H Battery apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
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Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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## Sample Summary

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	10/21/25 09:37

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW06-0'-4'	E510154-01A	Soil	10/13/25	10/15/25	Glass Jar, 2 oz.
SW07-0'-2'	E510154-02A	Soil	10/13/25	10/15/25	Glass Jar, 2 oz.
FS09-4'	E510154-03A	Soil	10/13/25	10/15/25	Glass Jar, 2 oz.
FS10-4'	E510154-04A	Soil	10/13/25	10/15/25	Glass Jar, 2 oz.
FS11-2'	E510154-05A	Soil	10/13/25	10/15/25	Glass Jar, 2 oz.
FS15-4'	E510154-06A	Soil	10/13/25	10/15/25	Glass Jar, 2 oz.
FS16-4'	E510154-07A	Soil	10/13/25	10/15/25	Glass Jar, 2 oz.
FS17-2'	E510154-08A	Soil	10/13/25	10/15/25	Glass Jar, 2 oz.
FS21-4'	E510154-09A	Soil	10/13/25	10/15/25	Glass Jar, 2 oz.
FS22-4'	E510154-10A	Soil	10/13/25	10/15/25	Glass Jar, 2 oz.
FS25-4'	E510154-11A	Soil	10/13/25	10/15/25	Glass Jar, 2 oz.
FS26-4'	E510154-12A	Soil	10/13/25	10/15/25	Glass Jar, 2 oz.
FS29-4'	E510154-13A	Soil	10/13/25	10/15/25	Glass Jar, 2 oz.
FS30-4'	E510154-14A	Soil	10/13/25	10/15/25	Glass Jar, 2 oz.
FS32-4'	E510154-15A	Soil	10/13/25	10/15/25	Glass Jar, 2 oz.



## Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Helios 6 Fed Com 2H Battery Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/21/2025 9:37:25AM
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**SW06-0'-4'**

**E510154-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2542070	
Benzene	ND	0.0250	1	10/15/25	10/17/25	
Ethylbenzene	ND	0.0250	1	10/15/25	10/17/25	
Toluene	ND	0.0250	1	10/15/25	10/17/25	
o-Xylene	ND	0.0250	1	10/15/25	10/17/25	
p,m-Xylene	ND	0.0500	1	10/15/25	10/17/25	
Total Xylenes	ND	0.0250	1	10/15/25	10/17/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		120 %	70-130	10/15/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2542070	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/25	10/17/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		98.8 %	70-130	10/15/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KH		Batch: 2542086	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/25	10/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/25	10/16/25	
<i>Surrogate: n-Nonane</i>		107 %	61-141	10/16/25	10/16/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: TP		Batch: 2542101	
Chloride	73.1	20.0	1	10/16/25	10/16/25	



## Sample Data

Devon Energy - Carlsbad  
333 W Sheridan Avenue  
Oklahoma City OK, 73102-5010

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
10/21/2025 9:37:25AM

SW07-0'-2'

E510154-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2542070	
Benzene	ND	0.0250	1	10/15/25	10/17/25	
Ethylbenzene	ND	0.0250	1	10/15/25	10/17/25	
Toluene	ND	0.0250	1	10/15/25	10/17/25	
o-Xylene	ND	0.0250	1	10/15/25	10/17/25	
p,m-Xylene	ND	0.0500	1	10/15/25	10/17/25	
Total Xylenes	ND	0.0250	1	10/15/25	10/17/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		118 %	70-130	10/15/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2542070	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/25	10/17/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		99.9 %	70-130	10/15/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KH		Batch: 2542086	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/25	10/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/25	10/16/25	
<i>Surrogate: n-Nonane</i>		107 %	61-141	10/16/25	10/16/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: TP		Batch: 2542101	
Chloride	298	20.0	1	10/16/25	10/16/25	



## Sample Data

Devon Energy - Carlsbad  
333 W Sheridan Avenue  
Oklahoma City OK, 73102-5010

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
10/21/2025 9:37:25AM

FS09-4'

E510154-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2542070	
Benzene	ND	0.0250	1	10/15/25	10/17/25	
Ethylbenzene	ND	0.0250	1	10/15/25	10/17/25	
Toluene	ND	0.0250	1	10/15/25	10/17/25	
o-Xylene	ND	0.0250	1	10/15/25	10/17/25	
p,m-Xylene	ND	0.0500	1	10/15/25	10/17/25	
Total Xylenes	ND	0.0250	1	10/15/25	10/17/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		119 %	70-130	10/15/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2542070	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/25	10/17/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.9 %	70-130	10/15/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KH		Batch: 2542086	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/25	10/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/25	10/16/25	
<i>Surrogate: n-Nonane</i>		111 %	61-141	10/16/25	10/16/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: TP		Batch: 2542101	
Chloride	341	20.0	1	10/16/25	10/16/25	



## Sample Data

Devon Energy - Carlsbad  
333 W Sheridan Avenue  
Oklahoma City OK, 73102-5010

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
10/21/2025 9:37:25AM

FS10-4'

E510154-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2542070	
Benzene	ND	0.0250	1	10/15/25	10/17/25	
Ethylbenzene	ND	0.0250	1	10/15/25	10/17/25	
Toluene	ND	0.0250	1	10/15/25	10/17/25	
o-Xylene	ND	0.0250	1	10/15/25	10/17/25	
p,m-Xylene	ND	0.0500	1	10/15/25	10/17/25	
Total Xylenes	ND	0.0250	1	10/15/25	10/17/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		120 %	70-130	10/15/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2542070	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/25	10/17/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		102 %	70-130	10/15/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KH		Batch: 2542086	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/25	10/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/25	10/16/25	
<i>Surrogate: n-Nonane</i>		116 %	61-141	10/16/25	10/16/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: TP		Batch: 2542101	
Chloride	1010	20.0	1	10/16/25	10/16/25	



## Sample Data

Devon Energy - Carlsbad  
333 W Sheridan Avenue  
Oklahoma City OK, 73102-5010

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
10/21/2025 9:37:25AM

## FS11-2'

## E510154-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542070	
Benzene	ND	0.0250	1	10/15/25	10/17/25	
Ethylbenzene	ND	0.0250	1	10/15/25	10/17/25	
Toluene	ND	0.0250	1	10/15/25	10/17/25	
o-Xylene	ND	0.0250	1	10/15/25	10/17/25	
p,m-Xylene	ND	0.0500	1	10/15/25	10/17/25	
Total Xylenes	ND	0.0250	1	10/15/25	10/17/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		119 %	70-130	10/15/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542070	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/25	10/17/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		101 %	70-130	10/15/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2542086	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/25	10/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/25	10/16/25	
<i>Surrogate: n-Nonane</i>						
		105 %	61-141	10/16/25	10/16/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: TP		Batch: 2542101	
Chloride	70.8	20.0	1	10/16/25	10/16/25	



## Sample Data

Devon Energy - Carlsbad  
333 W Sheridan Avenue  
Oklahoma City OK, 73102-5010

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
10/21/2025 9:37:25AM

FS15-4'

E510154-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542070	
Benzene	ND	0.0250	1	10/15/25	10/17/25	
Ethylbenzene	ND	0.0250	1	10/15/25	10/17/25	
Toluene	ND	0.0250	1	10/15/25	10/17/25	
o-Xylene	ND	0.0250	1	10/15/25	10/17/25	
p,m-Xylene	ND	0.0500	1	10/15/25	10/17/25	
Total Xylenes	ND	0.0250	1	10/15/25	10/17/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		116 %	70-130	10/15/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542070	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/25	10/17/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		103 %	70-130	10/15/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2542086	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/25	10/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/25	10/16/25	
<i>Surrogate: n-Nonane</i>						
		106 %	61-141	10/16/25	10/16/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: TP		Batch: 2542101	
Chloride	1170	20.0	1	10/16/25	10/16/25	





## Sample Data

Devon Energy - Carlsbad  
333 W Sheridan Avenue  
Oklahoma City OK, 73102-5010

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
10/21/2025 9:37:25AM

FS16-4'

E510154-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542070	
Benzene	ND	0.0250	1	10/15/25	10/17/25	
Ethylbenzene	ND	0.0250	1	10/15/25	10/17/25	
Toluene	ND	0.0250	1	10/15/25	10/17/25	
o-Xylene	ND	0.0250	1	10/15/25	10/17/25	
p,m-Xylene	ND	0.0500	1	10/15/25	10/17/25	
Total Xylenes	ND	0.0250	1	10/15/25	10/17/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		118 %	70-130	10/15/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542070	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/25	10/17/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		103 %	70-130	10/15/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2542086	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/25	10/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/25	10/16/25	
<i>Surrogate: n-Nonane</i>						
		104 %	61-141	10/16/25	10/16/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: TP		Batch: 2542101	
Chloride	1200	20.0	1	10/16/25	10/16/25	



## Sample Data

Devon Energy - Carlsbad  
333 W Sheridan Avenue  
Oklahoma City OK, 73102-5010

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
10/21/2025 9:37:25AM

FS17-2'

E510154-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542070	
Benzene	ND	0.0250	1	10/15/25	10/17/25	
Ethylbenzene	ND	0.0250	1	10/15/25	10/17/25	
Toluene	ND	0.0250	1	10/15/25	10/17/25	
o-Xylene	ND	0.0250	1	10/15/25	10/17/25	
p,m-Xylene	ND	0.0500	1	10/15/25	10/17/25	
Total Xylenes	ND	0.0250	1	10/15/25	10/17/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		118 %	70-130	10/15/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542070	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/25	10/17/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.4 %	70-130	10/15/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2542086	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/25	10/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/25	10/16/25	
<i>Surrogate: n-Nonane</i>						
		106 %	61-141	10/16/25	10/16/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: TP		Batch: 2542101	
Chloride	146	20.0	1	10/16/25	10/16/25	



## Sample Data

Devon Energy - Carlsbad  
333 W Sheridan Avenue  
Oklahoma City OK, 73102-5010

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
10/21/2025 9:37:25AM

FS21-4'

E510154-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542070	
Benzene	ND	0.0250	1	10/15/25	10/17/25	
Ethylbenzene	ND	0.0250	1	10/15/25	10/17/25	
Toluene	ND	0.0250	1	10/15/25	10/17/25	
o-Xylene	ND	0.0250	1	10/15/25	10/17/25	
p,m-Xylene	ND	0.0500	1	10/15/25	10/17/25	
Total Xylenes	ND	0.0250	1	10/15/25	10/17/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		118 %	70-130	10/15/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542070	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/25	10/17/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		103 %	70-130	10/15/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2542086	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/25	10/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/25	10/16/25	
<i>Surrogate: n-Nonane</i>						
		105 %	61-141	10/16/25	10/16/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: TP		Batch: 2542101	
Chloride	6160	100	5	10/16/25	10/16/25	



## Sample Data

Devon Energy - Carlsbad  
333 W Sheridan Avenue  
Oklahoma City OK, 73102-5010

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
10/21/2025 9:37:25AM

FS22-4'

E510154-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542070	
Benzene	ND	0.0250	1	10/15/25	10/17/25	
Ethylbenzene	ND	0.0250	1	10/15/25	10/17/25	
Toluene	ND	0.0250	1	10/15/25	10/17/25	
o-Xylene	ND	0.0250	1	10/15/25	10/17/25	
p,m-Xylene	ND	0.0500	1	10/15/25	10/17/25	
Total Xylenes	ND	0.0250	1	10/15/25	10/17/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		115 %	70-130	10/15/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542070	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/25	10/17/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		104 %	70-130	10/15/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2542086	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/25	10/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/25	10/16/25	
<i>Surrogate: n-Nonane</i>						
		105 %	61-141	10/16/25	10/16/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: TP		Batch: 2542101	
Chloride	3050	40.0	2	10/16/25	10/16/25	



## Sample Data

Devon Energy - Carlsbad  
333 W Sheridan Avenue  
Oklahoma City OK, 73102-5010

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
10/21/2025 9:37:25AM

FS25-4'

E510154-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542070	
Benzene	ND	0.0250	1	10/15/25	10/17/25	
Ethylbenzene	ND	0.0250	1	10/15/25	10/17/25	
Toluene	ND	0.0250	1	10/15/25	10/17/25	
o-Xylene	ND	0.0250	1	10/15/25	10/17/25	
p,m-Xylene	ND	0.0500	1	10/15/25	10/17/25	
Total Xylenes	ND	0.0250	1	10/15/25	10/17/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		113 %	70-130	10/15/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542070	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/25	10/17/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		106 %	70-130	10/15/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2542086	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/25	10/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/25	10/16/25	
<i>Surrogate: n-Nonane</i>						
		103 %	61-141	10/16/25	10/16/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: TP		Batch: 2542101	
Chloride	4820	100	5	10/16/25	10/16/25	



## Sample Data

Devon Energy - Carlsbad  
333 W Sheridan Avenue  
Oklahoma City OK, 73102-5010

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
10/21/2025 9:37:25AM

FS26-4'

E510154-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542070	
Benzene	ND	0.0250	1	10/15/25	10/17/25	
Ethylbenzene	ND	0.0250	1	10/15/25	10/17/25	
Toluene	ND	0.0250	1	10/15/25	10/17/25	
o-Xylene	ND	0.0250	1	10/15/25	10/17/25	
p,m-Xylene	ND	0.0500	1	10/15/25	10/17/25	
Total Xylenes	ND	0.0250	1	10/15/25	10/17/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		116 %	70-130	10/15/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542070	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/25	10/17/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		105 %	70-130	10/15/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2542086	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/25	10/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/25	10/16/25	
<i>Surrogate: n-Nonane</i>						
		106 %	61-141	10/16/25	10/16/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: TP		Batch: 2542101	
Chloride	3680	40.0	2	10/16/25	10/16/25	



## Sample Data

Devon Energy - Carlsbad  
333 W Sheridan Avenue  
Oklahoma City OK, 73102-5010

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
10/21/2025 9:37:25AM

FS29-4'

E510154-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542070	
Benzene	ND	0.0250	1	10/15/25	10/17/25	
Ethylbenzene	ND	0.0250	1	10/15/25	10/17/25	
Toluene	ND	0.0250	1	10/15/25	10/17/25	
o-Xylene	ND	0.0250	1	10/15/25	10/17/25	
p,m-Xylene	ND	0.0500	1	10/15/25	10/17/25	
Total Xylenes	ND	0.0250	1	10/15/25	10/17/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		118 %	70-130	10/15/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542070	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/25	10/17/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		107 %	70-130	10/15/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2542086	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/25	10/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/25	10/16/25	
<i>Surrogate: n-Nonane</i>						
		106 %	61-141	10/16/25	10/16/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: TP		Batch: 2542101	
Chloride	6200	100	5	10/16/25	10/16/25	



## Sample Data

Devon Energy - Carlsbad  
333 W Sheridan Avenue  
Oklahoma City OK, 73102-5010

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
10/21/2025 9:37:25AM

FS30-4'

E510154-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2542070	
Benzene	ND	0.0250	1	10/15/25	10/17/25	
Ethylbenzene	ND	0.0250	1	10/15/25	10/17/25	
Toluene	ND	0.0250	1	10/15/25	10/17/25	
o-Xylene	ND	0.0250	1	10/15/25	10/17/25	
p,m-Xylene	ND	0.0500	1	10/15/25	10/17/25	
Total Xylenes	ND	0.0250	1	10/15/25	10/17/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		119 %	70-130	10/15/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2542070	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/25	10/17/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		104 %	70-130	10/15/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KH		Batch: 2542086	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/25	10/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/25	10/16/25	
<i>Surrogate: n-Nonane</i>		106 %	61-141	10/16/25	10/16/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: TP		Batch: 2542101	
Chloride	5610	100	5	10/16/25	10/16/25	





## Sample Data

Devon Energy - Carlsbad  
333 W Sheridan Avenue  
Oklahoma City OK, 73102-5010

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
10/21/2025 9:37:25AM

FS32-4'

E510154-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542070	
Benzene	ND	0.0250	1	10/15/25	10/17/25	
Ethylbenzene	ND	0.0250	1	10/15/25	10/17/25	
Toluene	ND	0.0250	1	10/15/25	10/17/25	
o-Xylene	ND	0.0250	1	10/15/25	10/17/25	
p,m-Xylene	ND	0.0500	1	10/15/25	10/17/25	
Total Xylenes	ND	0.0250	1	10/15/25	10/17/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		120 %	70-130	10/15/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542070	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/25	10/17/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		106 %	70-130	10/15/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2542086	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/25	10/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/25	10/17/25	
<i>Surrogate: n-Nonane</i>						
		105 %	61-141	10/16/25	10/17/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: TP		Batch: 2542101	
Chloride	2780	40.0	2	10/16/25	10/16/25	



## QC Summary Data

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	10/21/2025 9:37:25AM

## Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2542070-BLK1)

Prepared: 10/15/25 Analyzed: 10/17/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	9.53		8.00		119	70-130			

## LCS (2542070-BS1)

Prepared: 10/15/25 Analyzed: 10/17/25

Benzene	4.78	0.0250	5.00		95.6	70-130			
Ethylbenzene	4.71	0.0250	5.00		94.2	70-130			
Toluene	4.76	0.0250	5.00		95.2	70-130			
o-Xylene	4.72	0.0250	5.00		94.5	70-130			
p,m-Xylene	9.56	0.0500	10.0		95.6	70-130			
Total Xylenes	14.3	0.0250	15.0		95.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	9.71		8.00		121	70-130			

## Matrix Spike (2542070-MS1)

Source: E510154-14

Prepared: 10/15/25 Analyzed: 10/17/25

Benzene	5.02	0.0250	5.00	ND	100	70-130			
Ethylbenzene	4.94	0.0250	5.00	ND	98.9	70-130			
Toluene	4.99	0.0250	5.00	ND	99.9	70-130			
o-Xylene	4.94	0.0250	5.00	ND	98.7	70-130			
p,m-Xylene	10.0	0.0500	10.0	ND	100	70-130			
Total Xylenes	15.0	0.0250	15.0	ND	99.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	9.52		8.00		119	70-130			

## Matrix Spike Dup (2542070-MSD1)

Source: E510154-14

Prepared: 10/15/25 Analyzed: 10/17/25

Benzene	5.13	0.0250	5.00	ND	103	70-130	2.21	27	
Ethylbenzene	5.06	0.0250	5.00	ND	101	70-130	2.28	26	
Toluene	5.10	0.0250	5.00	ND	102	70-130	2.03	20	
o-Xylene	5.05	0.0250	5.00	ND	101	70-130	2.29	25	
p,m-Xylene	10.2	0.0500	10.0	ND	102	70-130	2.27	23	
Total Xylenes	15.3	0.0250	15.0	ND	102	70-130	2.28	26	
Surrogate: 4-Bromochlorobenzene-PID	9.62		8.00		120	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	10/21/2025 9:37:25AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2542070-BLK1) Prepared: 10/15/25 Analyzed: 10/17/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.36		8.00		104	70-130			

LCS (2542070-BS2) Prepared: 10/15/25 Analyzed: 10/17/25

Gasoline Range Organics (C6-C10)	50.9	20.0	50.0		102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.48		8.00		106	70-130			

Matrix Spike (2542070-MS2) Source: E510154-14 Prepared: 10/15/25 Analyzed: 10/17/25

Gasoline Range Organics (C6-C10)	52.9	20.0	50.0	ND	106	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.46		8.00		106	70-130			

Matrix Spike Dup (2542070-MSD2) Source: E510154-14 Prepared: 10/15/25 Analyzed: 10/17/25

Gasoline Range Organics (C6-C10)	51.8	20.0	50.0	ND	104	70-130	2.20	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.43		8.00		105	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	10/21/2025 9:37:25AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2542086-BLK1)					Prepared: 10/16/25 Analyzed: 10/16/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.8		50.0		97.7	61-141			

LCS (2542086-BS1)					Prepared: 10/16/25 Analyzed: 10/16/25				
Diesel Range Organics (C10-C28)	260	25.0	250		104	66-144			
Surrogate: n-Nonane	49.8		50.0		99.6	61-141			

Matrix Spike (2542086-MS1)					Source: E510154-03		Prepared: 10/16/25 Analyzed: 10/16/25		
Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	56-156			
Surrogate: n-Nonane	55.7		50.0		111	61-141			

Matrix Spike Dup (2542086-MSD1)					Source: E510154-03		Prepared: 10/16/25 Analyzed: 10/16/25		
Diesel Range Organics (C10-C28)	286	25.0	250	ND	114	56-156	0.220	20	
Surrogate: n-Nonane	55.4		50.0		111	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	10/21/2025 9:37:25AM

Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2542101-BLK1)					Prepared: 10/16/25 Analyzed: 10/16/25				
Chloride	ND	20.0							
LCS (2542101-BS1)					Prepared: 10/16/25 Analyzed: 10/16/25				
Chloride	263	20.0	250		105	90-110			
Matrix Spike (2542101-MS1)					Source: E510154-11		Prepared: 10/16/25 Analyzed: 10/16/25		
Chloride	5960	100	250	4820	459	80-120			M4
Matrix Spike Dup (2542101-MSD1)					Source: E510154-11		Prepared: 10/16/25 Analyzed: 10/16/25		
Chloride	5520	100	250	4820	282	80-120	7.73	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:	Helios 6 Fed Com 2H Battery	
333 W Sheridan Avenue	Project Number:	01058-0007	Reported:
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	10/21/25 09:37

- 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.



<b>Client Information</b>				<b>Invoice Information</b>				<b>Lab Use Only</b>				<b>TAT</b>				<b>State</b>			
Client: Devon				Company: Devon Energy				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project: Helios 6 Fed Com 2H Battery				Address: 5315 Buena Vista Dr				E510154		0058-0007					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: jlm.raley@dvn.com															
Phone: 575-988-0055				Miscellaneous: Jim Raley															
Email: agiovengo@ensolum.com																			
<b>Sample Information</b>												<b>Analysis and Method</b>				<b>EPA Program</b>			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCBA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
																Compliance	Y	or	N
																PWSID #			
																Sample Temp			Remarks
1314	10/13/2025	Soil	1	SW06-0'-4'		1								+		2.0			
1532				SW07-0'-2'		2								+		2.6			
1382				FS09-4'		3								+		3.0			
1324				10-4'		4								+		3.0			
1530				11-2'		5								+		1.8			
1325				15-4'		6								x		1.6			
1327				16-4'		7								+		1.9			
1527				17-2'		8								+		2.2			
1328				21-4'		9								+		3.2			
1330				22-4'		10								+		3.0			
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jlm.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, ihinkle@ensolum.com, akone@ensolum.com, igonzales@ensolum.com, imccauley@ensolum.com, eplugge@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) Jenna Hinkle				Date 10/14/2025		Time 7:00		Received by: (Signature) Michelle Gonzales				Date 10-14-25		Time 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. <b>Lab Use Only</b> Received on ice: <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">Y</span> N			
Relinquished by: (Signature) Michelle Gonzales				Date 10-14-25		Time 1430		Received by: (Signature) Marissa Gonzales				Date 10-14-25		Time 1430					
Relinquished by: (Signature) Marissa Gonzales				Date 10-14-25		Time 1900		Received by: (Signature) Andrew Musso				Date 10-14-25		Time 1900					
Relinquished by: (Signature) Andrew Musso				Date 10-14-25		Time 2300		Received by: (Signature) Caitlin Mann				Date 10-15-25		Time 800					
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time					
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																			
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

Client Information				Invoice Information		Lab Use Only		TAT		State									
Client: Devon				Company: Devon Energy		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX				
Project: Helios 6 Fed Com 2H Battery				Address: 5315 Buena Vista Dr		ED1054	0058-0007				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						Analysis and Method								EPA Program					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
1332	10/13/2025	Soil	1	FS25-4'		11								+		3.0			
1334				26-4'		12								+		3.6			
1335				29-4'		13								+		3.2			
1337				30-4'		14								+		2.6			
1338				32-4'		15								+		2.0			
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, bmojr@ensolum.com, ihinkle@ensolum.com, akone@ensolum.com, lgonzales@ensolum.com, lmccauley@ensolum.com, eplugge@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	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.											
Jenna Hinkle		10/14/2025	7:00	Michelle Gonzales		10-14-25	0700												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
Michelle Gonzales		10-14-25	1430	Marissa Gonzales		10-14-25	1430												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
Marissa Gonzales		10-14-25	1900	Andrew Musso		10-14-25	1900	Lab Use Only Received on ice: (Y) N											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
Andrew Musso		10-14-25	2300	Cathy Man		10-15-25	800												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																			
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			



## Envirotech Analytical Laboratory

Printed: 10/15/2025 9:46:04AM

## 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:	Devon Energy - Carlsbad	Date Received:	10/15/25 08:00	Work Order ID:	E510154
Phone:	(505) 382-1211	Date Logged In:	10/14/25 16:13	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	10/21/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? Yes

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

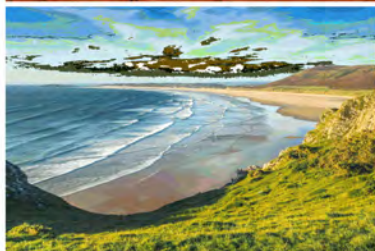
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Devon Energy - Carlsbad

Project Name: Helios 6 Fed Com 2H Battery

Work Order: E510164

Job Number: 01058-0007

Received: 10/16/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
10/22/25

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 10/22/25

Ashley Giovengo  
333 W Sheridan Avenue  
Oklahoma City, OK 73102-5010



Project Name: Helios 6 Fed Com 2H Battery  
Workorder: E510164  
Date Received: 10/16/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/16/2025 8:00:00AM, under the Project Name: Helios 6 Fed Com 2H Battery.

The analytical test results summarized in this report with the Project Name: Helios 6 Fed Com 2H Battery apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
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Field Offices:

**Southern New Mexico Area**

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**Michelle Gonzales**  
Client Representative  
Office: 505-421-LABS(5227)  
Cell: 505-947-8222  
[mgonzaless@envirotech-inc.com](mailto:mgonzaless@envirotech-inc.com)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	10/22/25 09:21

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BF03	E510164-01A	Soil	10/14/25	10/16/25	Glass Jar, 2 oz.



## Sample Data

Devon Energy - Carlsbad  
333 W Sheridan Avenue  
Oklahoma City OK, 73102-5010

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
10/22/2025 9:21:18AM

### BF03

#### E510164-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2542093	
Benzene	ND	0.0250	1	10/16/25	10/17/25	
Ethylbenzene	ND	0.0250	1	10/16/25	10/17/25	
Toluene	ND	0.0250	1	10/16/25	10/17/25	
o-Xylene	ND	0.0250	1	10/16/25	10/17/25	
p,m-Xylene	ND	0.0500	1	10/16/25	10/17/25	
Total Xylenes	ND	0.0250	1	10/16/25	10/17/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		116 %	70-130	10/16/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2542093	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/16/25	10/17/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.8 %	70-130	10/16/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2542089	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/25	10/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/25	10/17/25	
<i>Surrogate: n-Nonane</i>		106 %	61-141	10/16/25	10/17/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: TP		Batch: 2542101	
Chloride	106	20.0	1	10/16/25	10/16/25	



## QC Summary Data

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	10/22/2025 9:21:18AM

## Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2542093-BLK1)

Prepared: 10/16/25 Analyzed: 10/17/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	9.02		8.00		113	70-130			

## LCS (2542093-BS1)

Prepared: 10/16/25 Analyzed: 10/17/25

Benzene	5.21	0.0250	5.00		104	70-130			
Ethylbenzene	5.21	0.0250	5.00		104	70-130			
Toluene	5.18	0.0250	5.00		104	70-130			
o-Xylene	5.31	0.0250	5.00		106	70-130			
p,m-Xylene	10.5	0.0500	10.0		105	70-130			
Total Xylenes	15.9	0.0250	15.0		106	70-130			
Surrogate: 4-Bromochlorobenzene-PID	9.23		8.00		115	70-130			

## Matrix Spike (2542093-MS1)

Source: E510161-01

Prepared: 10/16/25 Analyzed: 10/17/25

Benzene	4.81	0.0250	5.00	ND	96.3	70-130			
Ethylbenzene	4.80	0.0250	5.00	ND	96.0	70-130			
Toluene	4.78	0.0250	5.00	ND	95.6	70-130			
o-Xylene	4.88	0.0250	5.00	ND	97.7	70-130			
p,m-Xylene	9.73	0.0500	10.0	ND	97.3	70-130			
Total Xylenes	14.6	0.0250	15.0	ND	97.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	9.31		8.00		116	70-130			

## Matrix Spike Dup (2542093-MSD1)

Source: E510161-01

Prepared: 10/16/25 Analyzed: 10/17/25

Benzene	4.85	0.0250	5.00	ND	97.0	70-130	0.703	27	
Ethylbenzene	4.86	0.0250	5.00	ND	97.2	70-130	1.18	26	
Toluene	4.82	0.0250	5.00	ND	96.4	70-130	0.869	20	
o-Xylene	4.94	0.0250	5.00	ND	98.7	70-130	1.06	25	
p,m-Xylene	9.86	0.0500	10.0	ND	98.6	70-130	1.23	23	
Total Xylenes	14.8	0.0250	15.0	ND	98.6	70-130	1.17	26	
Surrogate: 4-Bromochlorobenzene-PID	9.28		8.00		116	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	10/22/2025 9:21:18AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2542093-BLK1) Prepared: 10/16/25 Analyzed: 10/17/25

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

LCS (2542093-BS2) Prepared: 10/16/25 Analyzed: 10/17/25

Gasoline Range Organics (C6-C10)	52.0	20.0	50.0		104	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.51		8.00		93.9	70-130			

Matrix Spike (2542093-MS2) Source: E510161-01 Prepared: 10/16/25 Analyzed: 10/17/25

Gasoline Range Organics (C6-C10)	59.7	20.0	50.0	ND	119	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.39		8.00		92.3	70-130			

Matrix Spike Dup (2542093-MSD2) Source: E510161-01 Prepared: 10/16/25 Analyzed: 10/17/25

Gasoline Range Organics (C6-C10)	59.1	20.0	50.0	ND	118	70-130	1.12	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.34		8.00		91.7	70-130			





## QC Summary Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Helios 6 Fed Com 2H Battery Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/22/2025 9:21:18AM
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## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2542089-BLK1)

Prepared: 10/16/25 Analyzed: 10/16/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.6		50.0		103	61-141			

## LCS (2542089-BS1)

Prepared: 10/16/25 Analyzed: 10/16/25

Diesel Range Organics (C10-C28)	278	25.0	250		111	66-144			
Surrogate: n-Nonane	50.4		50.0		101	61-141			

## Matrix Spike (2542089-MS1)

Source: E510156-26

Prepared: 10/16/25 Analyzed: 10/16/25

Diesel Range Organics (C10-C28)	304	25.0	250	ND	122	56-156			
Surrogate: n-Nonane	54.8		50.0		110	61-141			

## Matrix Spike Dup (2542089-MSD1)

Source: E510156-26

Prepared: 10/16/25 Analyzed: 10/16/25

Diesel Range Organics (C10-C28)	306	25.0	250	ND	122	56-156	0.558	20	
Surrogate: n-Nonane	55.6		50.0		111	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	10/22/2025 9:21:18AM

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 (2542101-BLK1)					Prepared: 10/16/25 Analyzed: 10/16/25				
Chloride	ND	20.0							
LCS (2542101-BS1)					Prepared: 10/16/25 Analyzed: 10/16/25				
Chloride	263	20.0	250		105	90-110			
Matrix Spike (2542101-MS1)					Source: E510154-11		Prepared: 10/16/25 Analyzed: 10/16/25		
Chloride	5960	100	250	4820	459	80-120			M4
Matrix Spike Dup (2542101-MSD1)					Source: E510154-11		Prepared: 10/16/25 Analyzed: 10/16/25		
Chloride	5520	100	250	4820	282	80-120	7.73	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:	Helios 6 Fed Com 2H Battery	
333 W Sheridan Avenue	Project Number:	01058-0007	Reported:
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	10/22/25 09:21

- 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.





## Envirotech Analytical Laboratory

Printed: 10/16/2025 10:15:01AM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	10/16/25 08:00	Work Order ID:	E510164
Phone:	(505) 382-1211	Date Logged In:	10/15/25 15:02	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	10/22/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? Yes

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.



Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Devon Energy - Carlsbad

Project Name: Helios 6 Fed Com 2H Battery

Work Order: E510167

Job Number: 01058-0007

Received: 10/16/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
10/22/25

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 10/22/25



Ashley Giovengo  
333 W Sheridan Avenue  
Oklahoma City, OK 73102-5010

Project Name: Helios 6 Fed Com 2H Battery  
Workorder: E510167  
Date Received: 10/16/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/16/2025 8:00:00AM, under the Project Name: Helios 6 Fed Com 2H Battery.

The analytical test results summarized in this report with the Project Name: Helios 6 Fed Com 2H Battery apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
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Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	10/22/25 13:26

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW04-0'-4'	E510167-01A	Soil	10/14/25	10/16/25	Glass Jar, 2 oz.
SW05-0'-4'	E510167-02A	Soil	10/14/25	10/16/25	Glass Jar, 2 oz.
SW08-0'-2'	E510167-03A	Soil	10/14/25	10/16/25	Glass Jar, 2 oz.
SW09-0'-2'	E510167-04A	Soil	10/14/25	10/16/25	Glass Jar, 2 oz.
FS01-2'	E510167-05A	Soil	10/14/25	10/16/25	Glass Jar, 2 oz.
FS03-2'	E510167-06A	Soil	10/14/25	10/16/25	Glass Jar, 2 oz.
FS06-2'	E510167-07A	Soil	10/14/25	10/16/25	Glass Jar, 2 oz.



## Sample Data

Devon Energy - Carlsbad  
333 W Sheridan Avenue  
Oklahoma City OK, 73102-5010

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
10/22/2025 1:26:00PM

**SW04-0'-4'**

**E510167-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2542093	
Benzene	ND	0.0250	1	10/16/25	10/17/25	
Ethylbenzene	ND	0.0250	1	10/16/25	10/17/25	
Toluene	ND	0.0250	1	10/16/25	10/17/25	
o-Xylene	ND	0.0250	1	10/16/25	10/17/25	
p,m-Xylene	ND	0.0500	1	10/16/25	10/17/25	
Total Xylenes	ND	0.0250	1	10/16/25	10/17/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		114 %	70-130	10/16/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2542093	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/16/25	10/17/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.2 %	70-130	10/16/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: HM		Batch: 2542090	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/25	10/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/25	10/16/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	10/16/25	10/16/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2542105	
Chloride	ND	20.0	1	10/16/25	10/16/25	



## Sample Data

Devon Energy - Carlsbad  
333 W Sheridan Avenue  
Oklahoma City OK, 73102-5010

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
10/22/2025 1:26:00PM

SW05-0'-4'

E510167-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2542093
Benzene	ND	0.0250	1	10/16/25	10/17/25	
Ethylbenzene	ND	0.0250	1	10/16/25	10/17/25	
Toluene	ND	0.0250	1	10/16/25	10/17/25	
o-Xylene	ND	0.0250	1	10/16/25	10/17/25	
p,m-Xylene	ND	0.0500	1	10/16/25	10/17/25	
Total Xylenes	ND	0.0250	1	10/16/25	10/17/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		114 %	70-130	10/16/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2542093
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/16/25	10/17/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.5 %	70-130	10/16/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2542090
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/25	10/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/25	10/16/25	
<i>Surrogate: n-Nonane</i>						
		98.9 %	61-141	10/16/25	10/16/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2542105
Chloride	309	20.0	1	10/16/25	10/16/25	



## Sample Data

Devon Energy - Carlsbad  
333 W Sheridan Avenue  
Oklahoma City OK, 73102-5010

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
10/22/2025 1:26:00PM

SW08-0'-2'

E510167-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542093	
Benzene	ND	0.0250	1	10/16/25	10/17/25	
Ethylbenzene	ND	0.0250	1	10/16/25	10/17/25	
Toluene	ND	0.0250	1	10/16/25	10/17/25	
o-Xylene	ND	0.0250	1	10/16/25	10/17/25	
p,m-Xylene	ND	0.0500	1	10/16/25	10/17/25	
Total Xylenes	ND	0.0250	1	10/16/25	10/17/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		112 %	70-130	10/16/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542093	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/16/25	10/17/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.3 %	70-130	10/16/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: HM		Batch: 2542090	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/25	10/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/25	10/16/25	
<i>Surrogate: n-Nonane</i>						
		100 %	61-141	10/16/25	10/16/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2542105	
Chloride	44.1	20.0	1	10/16/25	10/16/25	



## Sample Data

Devon Energy - Carlsbad  
333 W Sheridan Avenue  
Oklahoma City OK, 73102-5010

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
10/22/2025 1:26:00PM

SW09-0'-2'

E510167-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542093	
Benzene	ND	0.0250	1	10/16/25	10/17/25	
Ethylbenzene	ND	0.0250	1	10/16/25	10/17/25	
Toluene	ND	0.0250	1	10/16/25	10/17/25	
o-Xylene	ND	0.0250	1	10/16/25	10/17/25	
p,m-Xylene	ND	0.0500	1	10/16/25	10/17/25	
Total Xylenes	ND	0.0250	1	10/16/25	10/17/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		111 %	70-130	10/16/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542093	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/16/25	10/17/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.1 %	70-130	10/16/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: HM		Batch: 2542090	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/25	10/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/25	10/16/25	
<i>Surrogate: n-Nonane</i>						
		98.4 %	61-141	10/16/25	10/16/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2542105	
Chloride	126	20.0	1	10/16/25	10/16/25	



## Sample Data

Devon Energy - Carlsbad  
333 W Sheridan Avenue  
Oklahoma City OK, 73102-5010

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
10/22/2025 1:26:00PM

FS01-2'

E510167-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542093	
Benzene	ND	0.0250	1	10/16/25	10/17/25	
Ethylbenzene	ND	0.0250	1	10/16/25	10/17/25	
Toluene	ND	0.0250	1	10/16/25	10/17/25	
o-Xylene	ND	0.0250	1	10/16/25	10/17/25	
p,m-Xylene	ND	0.0500	1	10/16/25	10/17/25	
Total Xylenes	ND	0.0250	1	10/16/25	10/17/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		108 %	70-130	10/16/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542093	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/16/25	10/17/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.4 %	70-130	10/16/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: HM		Batch: 2542090	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/25	10/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/25	10/16/25	
<i>Surrogate: n-Nonane</i>						
		100 %	61-141	10/16/25	10/16/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2542105	
Chloride	127	20.0	1	10/16/25	10/16/25	



## Sample Data

Devon Energy - Carlsbad  
333 W Sheridan Avenue  
Oklahoma City OK, 73102-5010

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
10/22/2025 1:26:00PM

FS03-2'

E510167-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2542093
Benzene	ND	0.0250	1	10/16/25	10/17/25	
Ethylbenzene	ND	0.0250	1	10/16/25	10/17/25	
Toluene	ND	0.0250	1	10/16/25	10/17/25	
o-Xylene	ND	0.0250	1	10/16/25	10/17/25	
p,m-Xylene	ND	0.0500	1	10/16/25	10/17/25	
Total Xylenes	ND	0.0250	1	10/16/25	10/17/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		111 %	70-130	10/16/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2542093
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/16/25	10/17/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.0 %	70-130	10/16/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2542090
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/25	10/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/25	10/16/25	
<i>Surrogate: n-Nonane</i>						
		103 %	61-141	10/16/25	10/16/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2542105
Chloride	180	20.0	1	10/16/25	10/16/25	



## Sample Data

Devon Energy - Carlsbad  
333 W Sheridan Avenue  
Oklahoma City OK, 73102-5010

Project Name: Helios 6 Fed Com 2H Battery  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
10/22/2025 1:26:00PM

FS06-2'

E510167-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542093	
Benzene	ND	0.0250	1	10/16/25	10/17/25	
Ethylbenzene	ND	0.0250	1	10/16/25	10/17/25	
Toluene	ND	0.0250	1	10/16/25	10/17/25	
o-Xylene	ND	0.0250	1	10/16/25	10/17/25	
p,m-Xylene	ND	0.0500	1	10/16/25	10/17/25	
Total Xylenes	ND	0.0250	1	10/16/25	10/17/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		113 %	70-130	10/16/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542093	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/16/25	10/17/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.6 %	70-130	10/16/25	10/17/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: HM		Batch: 2542090	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/25	10/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/25	10/16/25	
<i>Surrogate: n-Nonane</i>						
		98.3 %	61-141	10/16/25	10/16/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2542105	
Chloride	111	20.0	1	10/16/25	10/17/25	





## QC Summary Data

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	10/22/2025 1:26:00PM

## Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2542093-BLK1)

Prepared: 10/16/25 Analyzed: 10/17/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	9.02		8.00		113	70-130			

## LCS (2542093-BS1)

Prepared: 10/16/25 Analyzed: 10/17/25

Benzene	5.21	0.0250	5.00		104	70-130			
Ethylbenzene	5.21	0.0250	5.00		104	70-130			
Toluene	5.18	0.0250	5.00		104	70-130			
o-Xylene	5.31	0.0250	5.00		106	70-130			
p,m-Xylene	10.5	0.0500	10.0		105	70-130			
Total Xylenes	15.9	0.0250	15.0		106	70-130			
Surrogate: 4-Bromochlorobenzene-PID	9.23		8.00		115	70-130			

## Matrix Spike (2542093-MS1)

Source: E510161-01

Prepared: 10/16/25 Analyzed: 10/17/25

Benzene	4.81	0.0250	5.00	ND	96.3	70-130			
Ethylbenzene	4.80	0.0250	5.00	ND	96.0	70-130			
Toluene	4.78	0.0250	5.00	ND	95.6	70-130			
o-Xylene	4.88	0.0250	5.00	ND	97.7	70-130			
p,m-Xylene	9.73	0.0500	10.0	ND	97.3	70-130			
Total Xylenes	14.6	0.0250	15.0	ND	97.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	9.31		8.00		116	70-130			

## Matrix Spike Dup (2542093-MSD1)

Source: E510161-01

Prepared: 10/16/25 Analyzed: 10/17/25

Benzene	4.85	0.0250	5.00	ND	97.0	70-130	0.703	27	
Ethylbenzene	4.86	0.0250	5.00	ND	97.2	70-130	1.18	26	
Toluene	4.82	0.0250	5.00	ND	96.4	70-130	0.869	20	
o-Xylene	4.94	0.0250	5.00	ND	98.7	70-130	1.06	25	
p,m-Xylene	9.86	0.0500	10.0	ND	98.6	70-130	1.23	23	
Total Xylenes	14.8	0.0250	15.0	ND	98.6	70-130	1.17	26	
Surrogate: 4-Bromochlorobenzene-PID	9.28		8.00		116	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	10/22/2025 1:26:00PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2542093-BLK1) Prepared: 10/16/25 Analyzed: 10/17/25

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

LCS (2542093-BS2) Prepared: 10/16/25 Analyzed: 10/17/25

Gasoline Range Organics (C6-C10)	52.0	20.0	50.0		104	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.51		8.00		93.9	70-130			

Matrix Spike (2542093-MS2) Source: E510161-01 Prepared: 10/16/25 Analyzed: 10/17/25

Gasoline Range Organics (C6-C10)	59.7	20.0	50.0	ND	119	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.39		8.00		92.3	70-130			

Matrix Spike Dup (2542093-MSD2) Source: E510161-01 Prepared: 10/16/25 Analyzed: 10/17/25

Gasoline Range Organics (C6-C10)	59.1	20.0	50.0	ND	118	70-130	1.12	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.34		8.00		91.7	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	10/22/2025 1:26:00PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2542090-BLK1)					Prepared: 10/16/25 Analyzed: 10/16/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.1		50.0		94.2	61-141			

LCS (2542090-BS1)					Prepared: 10/16/25 Analyzed: 10/16/25				
Diesel Range Organics (C10-C28)	258	25.0	250		103	66-144			
Surrogate: n-Nonane	47.8		50.0		95.5	61-141			

Matrix Spike (2542090-MS1)				Source: E510169-07		Prepared: 10/16/25 Analyzed: 10/16/25			
Diesel Range Organics (C10-C28)	279	25.0	250	ND	112	56-156			
Surrogate: n-Nonane	51.6		50.0		103	61-141			

Matrix Spike Dup (2542090-MSD1)				Source: E510169-07		Prepared: 10/16/25 Analyzed: 10/16/25			
Diesel Range Organics (C10-C28)	276	25.0	250	ND	110	56-156	1.14	20	
Surrogate: n-Nonane	50.6		50.0		101	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	10/22/2025 1:26:00PM

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 (2542105-BLK1)					Prepared: 10/16/25 Analyzed: 10/16/25				
Chloride	ND	20.0							
LCS (2542105-BS1)					Prepared: 10/16/25 Analyzed: 10/16/25				
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2542105-MS1)					Source: E510156-24		Prepared: 10/16/25 Analyzed: 10/16/25		
Chloride	251	20.0	250	ND	100	80-120			
Matrix Spike Dup (2542105-MSD1)					Source: E510156-24		Prepared: 10/16/25 Analyzed: 10/16/25		
Chloride	252	20.0	250	ND	101	80-120	0.474	20	

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	Helios 6 Fed Com 2H Battery	
333 W Sheridan Avenue	Project Number:	01058-0007	Reported:
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	10/22/25 13:26

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

Client Information				Invoice Information		Lab Use Only		TAT				State									
Client: Devon				Company: Devon Energy		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX						
Project: Helios 6 Fed Com 2H Battery				Address: 5315 Buena Vista Dr		E510167	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@devn.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 #				
																	Sample Temp			Remarks	
1200	10/14/25	Soil	1	SW04-0'-4'		1														4.1	
1204				05-0'-4'		2														4.1	
0941				08-0'-2'		3														4.2	
0944				09-0'-2'		4														4.4	
0937				FS01-2'		5														3.1	
0934				03-2'		6														4.1	
0932				06-2'		7														3.5	
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@devn.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, jgonzales@ensolum.com, jmccauley@ensolum.com, eplugge@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		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: Y/N									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time											
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time											
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time											
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time											
Jenna Hinkle		10/15/25		7:00		Michelle Gonzales		10-15-25		0700											
Michelle Gonzales		10-15-25		1430		Marissa Gonzales		10-15-25		1430											
Marissa Gonzales		10-15-25		1915		Andrew Musso		10-15-25		1915											
Andrew Musso		10-15-25		2345		Caitlin Man		10-16-25		800											
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: 10/16/2025 10:26:36AM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	10/16/25 08:00	Work Order ID:	E510167
Phone:	(505) 382-1211	Date Logged In:	10/15/25 15:22	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	10/22/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? Yes

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.



## APPENDIX F

### NMOCD Correspondence

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

General Information  
Phone: (505) 629-6116

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

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

QUESTIONS

Action 512716

**QUESTIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 512716
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**QUESTIONS**

Prerequisites	
Incident ID (n#)	nAPP2517748107
Incident Name	NAPP2517748107 HELIOS 6 FED COM 2H BATTERY - OFFSITE POLYLINE @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	Helios 6 Fed Com 2H Battery - Offsite Polyline
Date Release Discovered	06/26/2025
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	6,366
What is the estimated number of samples that will be gathered	41
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/09/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Israel Estrella (575-291-9537)
Please provide any information necessary for navigation to sampling site	32.6905435,-103.9084775

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

General Information  
Phone: (505) 629-6116

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

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

CONDITIONS

Action 512716

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 512716
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	10/7/2025
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	10/7/2025

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

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

QUESTIONS

Action 512719

## QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 512719
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

## QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2517748107
Incident Name	NAPP2517748107 HELIOS 6 FED COM 2H BATTERY - OFFSITE POLYLINE @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	Helios 6 Fed Com 2H Battery - Offsite Polyline
Date Release Discovered	06/26/2025
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	6,366
What is the estimated number of samples that will be gathered	41
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/10/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Israel Estrella (575-291-9537)
Please provide any information necessary for navigation to sampling site	32.6905435,-103.9084775

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

General Information  
Phone: (505) 629-6116

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

CONDITIONS

Action 512719

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 512719
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	10/7/2025
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	10/7/2025

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

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

QUESTIONS

Action 512721

**QUESTIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 512721
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**QUESTIONS**

Prerequisites	
Incident ID (n#)	nAPP2517748107
Incident Name	NAPP2517748107 HELIOS 6 FED COM 2H BATTERY - OFFSITE POLYLINE @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	Helios 6 Fed Com 2H Battery - Offsite Polyline
Date Release Discovered	06/26/2025
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	6,366
What is the estimated number of samples that will be gathered	41
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/13/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Israel Estrella (575-291-9537)
Please provide any information necessary for navigation to sampling site	32.6905435,-103.9084775

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

General Information  
Phone: (505) 629-6116

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

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

CONDITIONS

Action 512721

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 512721
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	10/7/2025
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	10/7/2025

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

General Information  
Phone: (505) 629-6116

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

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

QUESTIONS

Action 514784

**QUESTIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 514784
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**QUESTIONS**

Prerequisites	
Incident ID (n#)	nAPP2517748107
Incident Name	NAPP2517748107 HELIOS 6 FED COM 2H BATTERY - OFFSITE POLYLINE @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	Helios 6 Fed Com 2H Battery - Offsite Polyline
Date Release Discovered	06/26/2025
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	6,366
What is the estimated number of samples that will be gathered	41
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/14/2025
Time sampling will commence	09:00 AM
 <b>Warning: Notification can not be less than two business days prior to conducting final sampling.</b>  	
Please provide any information necessary for observers to contact samplers	Jenna Hinkle @ 510-417-5262
Please provide any information necessary for navigation to sampling site	32.6905435,-103.9084775

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CONDITIONS

Action 514784

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 514784
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	10/13/2025
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	10/13/2025



**From:** [Hamlet, Robert, EMNRD](#)  
**To:** [Cole Burton](#)  
**Cc:** [Raley, Jim](#); [Ashley Giovengo](#); [Bratcher, Michael, EMNRD](#); [Wells, Shelly, EMNRD](#)  
**Subject:** RE: [EXTERNAL] Extension Request - Devon Energy Production Company, LP - Helios 6 Fed Com 2H Battery - Offsite Polyline - nAPP2517748107  
**Date:** Tuesday, September 23, 2025 8:08:18 AM  
**Attachments:** [image006.png](#)  
[image007.png](#)  
[image008.png](#)

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[ \*\*EXTERNAL EMAIL\*\* ]

RE: Incident #NAPP2517748107 Helios 6 Fed Com 2H Battery - Offsite Polyline

**Cole,**

A 90-day extension is approved. Please have a remediation closure report uploaded to the OCD Permitting Portal no later than **December 22nd, 2025**. Include this e-mail correspondence in the report.

**Robert Hamlet** • Environmental Specialist - Advanced  
Environmental Bureau  
EMNRD - Oil Conservation Division  
506 W. Texas Ave. | Artesia, NM 88210  
575.909.0302 | [robert.hamlet@emnrd.nm.gov](mailto:robert.hamlet@emnrd.nm.gov)  
<http://www.emnrd.state.nm.us/OCD/>



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**From:** Wells, Shelly, EMNRD <[Shelly.Wells@emnrd.nm.gov](mailto:Shelly.Wells@emnrd.nm.gov)>  
**Sent:** Monday, September 22, 2025 3:06 PM  
**To:** Hamlet, Robert, EMNRD <[Robert.Hamlet@emnrd.nm.gov](mailto:Robert.Hamlet@emnrd.nm.gov)>  
**Cc:** Bratcher, Michael, EMNRD <[mike.bratcher@emnrd.nm.gov](mailto:mike.bratcher@emnrd.nm.gov)>  
**Subject:** FW: [EXTERNAL] Extension Request - Devon Energy Production Company, LP - Helios 6 Fed Com 2H Battery - Offsite Polyline - nAPP2517748107

---

**From:** Cole Burton <[cburton@ensolum.com](mailto:cburton@ensolum.com)>  
**Sent:** Monday, September 22, 2025 1:04 PM  
**To:** Enviro, OCD, EMNRD <[OCD.Enviro@emnrd.nm.gov](mailto:OCD.Enviro@emnrd.nm.gov)>  
**Cc:** Raley, Jim <[Jim.Raley@dvn.com](mailto:Jim.Raley@dvn.com)>; Ashley Giovengo <[agiovengo@ensolum.com](mailto:agiovengo@ensolum.com)>

**Subject:** [EXTERNAL] Extension Request - Devon Energy Production Company, LP - Helios 6 Fed Com 2H Battery - Offsite Polyline - nAPP2517748107

**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 September 24, 2025, for submitting a remediation work plan or closure report required in 19.15.29.12.B.(1) NMAC at the Helios 6 Fed Com 2H Battery - Offsite Polyline (Site) (Incident Number nAPP2517748107). The release occurred on June 26, 2025, and 24 barrels (bbls) of produced water were released; 0 bbls of produced water were recovered. The release impacted an area on-pad approximately 6,366 square feet in size on Federal Land managed by the Bureau of Land Management (BLM). 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. 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 December 23, 2025. Please let me know if you have any further questions regarding this site.

Thanks,



**Cole Burton**  
Project Manager  
575-706-5056  
**Ensolum, LLC**  
**in f X**

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**Santa Fe, NM 87505**

QUESTIONS

Action 527841

**QUESTIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 527841
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

Prerequisites	
Incident ID (n#)	nAPP2517748107
Incident Name	NAPP2517748107 HELIOS 6 FED COM 2H BATTERY - OFFSITE POLYLINE @ G-06-19S-31E 417S 97E
Incident Type	Produced Water Release
Incident Status	Reclamation Report Received

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	Helios 6 Fed Com 2H Battery - Offsite Polyline
Date Release Discovered	06/26/2025
Surface Owner	Federal

Incident Details	
<i>Please answer all the questions in this group.</i>	
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	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure   Flow Line - Production   Produced Water   Released: 24 BBL   Recovered: 0 BBL   Lost: 24 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)	Produced water transfer line developed leak along roadway.

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QUESTIONS, Page 2

Action 527841

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 527841
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>No, according to supplied volumes this does not appear to be a "gas only" report.</b>
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	<b>No</b>
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

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

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

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvsn.com Date: 11/19/2025
--	---

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QUESTIONS, Page 3

Action 527841

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 527841
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

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

<b>Remediation Plan</b>	
<i>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.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
<b>Soil Contamination Sampling:</b> (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	18000
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>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>	
On what estimated date will the remediation commence	10/06/2025
On what date will (or did) the final sampling or liner inspection occur	10/14/2025
On what date will (or was) the remediation complete(d)	10/14/2025
What is the estimated surface area (in square feet) that will be reclaimed	6366
What is the estimated volume (in cubic yards) that will be reclaimed	1128
What is the estimated surface area (in square feet) that will be remediated	6366
What is the estimated volume (in cubic yards) that will be remediated	1128
<i>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.</i>	
<i>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.</i>	

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QUESTIONS, Page 4

Action 527841

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 527841
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

<b>Remediation Plan (continued)</b>	
<i>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.</i>	
<b>This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:</b>	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	fEEM0112334510 HALFWAY DISPOSAL AND LANDFILL
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and <b>on-site</b> 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.
<i>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>	
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@dmv.com Date: 11/19/2025
<i>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.</i>	

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QUESTIONS, Page 5

Action 527841

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 527841
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

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, Page 6

Action 527841

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 527841
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

Sampling Event Information	
Last sampling notification (C-141N) recorded	514784
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/14/2025
What was the (estimated) number of samples that were to be gathered	41
What was the sampling surface area in square feet	6366

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	6366
What was the total volume (cubic yards) remediated	1128
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	6366
What was the total volume (in cubic yards) reclaimed	1128
Summarize any additional remediation activities not included by answers (above)	Remediation Complete
<i>The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.</i>	
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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 11/19/2025



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QUESTIONS, Page 7

Action 527841

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 527841
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

<b>Reclamation Report</b>	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	6366
What was the total volume of replacement material (in cubic yards) for this site	1128
<i>Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.</i>	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseedling commence(d)	04/15/2026
Summarize any additional reclamation activities not included by answers (above)	Reclamation Complete
<i>The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseedling plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.</i>	
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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dmv.com Date: 11/19/2025

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QUESTIONS, Page 8

Action 527841

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 527841
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

<b>Revegetation Report</b>	
<i>Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.</i>	
Requesting a restoration complete approval with this submission	No
<i>Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.</i>	

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CONDITIONS

Action 527841

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 527841
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your reclamation/remediation closure report for Incident #NAPP2517748107 Helios 6 Fed Com 2H Battery - Offsite Polyline, thank you. The reclamation/remediation closure report is approved.	12/15/2025