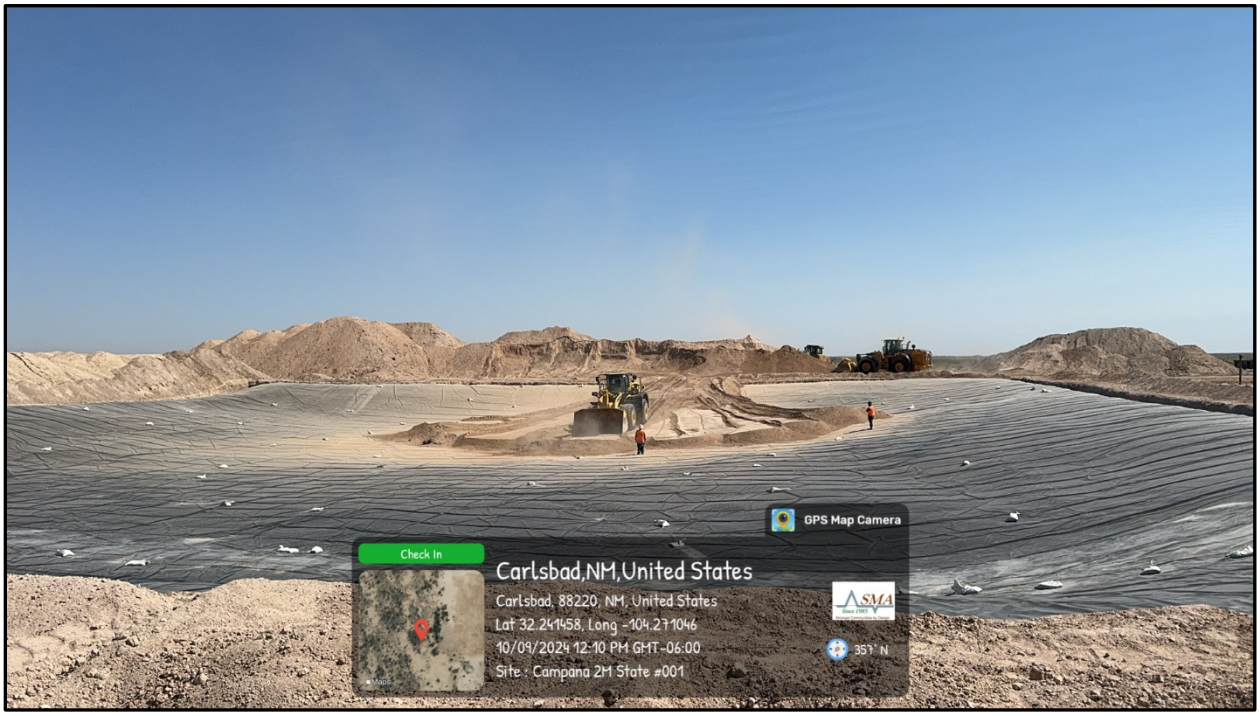
BURIAL TRENCH REMEDIATION CLOSURE REPORT

Campana 2M State #001
Eddy County, NM

January 29, 2025



Submitted to:

EMNRD – Oil Conservation Division
506 W. Texas Ave
Artesia, NM 88210
and
New Mexico State Land Office – Environmental Compliance Office
310 Old Santa Fe Trail
Santa Fe, NM 87510

Submitted by:

Souder, Miller & Associates
201 Halagueno Street
Carlsbad, NM 88220

On Behalf of:
Devon Energy Production Company
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1.0 Site Information

On behalf of Devon Energy Production Company, LP (Devon) Souder, Miller & Associates (SMA) has prepared this Closure Report for the brine impacted soils related to the former reserve pit located at the Campana 2M State #001 site. The reserve pit was installed in the early 2000s as part of drilling for natural gas in the Morrow formation. This former reserve pit was established before the current 19.15.17 New Mexico Administrative Code (NMAC) regulations for *Pits, Closed-Loop Systems, Below Grade Tanks and Sumps* came into effect. As such, the original design and construction of the pit did not adhere to design and construction specifications (19.15.17.11 NMAC).

The former reserve pit is classified as a *burial trench*, therefore, reburial activities adhered to 19.15.17.11 NMAC Part K, and closure and reclamation activities adhered to 19.15.17.13 NMAC Parts D and H, respectively. Further, reclamation and restoration of the former reserve pit location adhered to standards set by the New Mexico State Land Office (SLO) and 19.2.10.28 NMAC.

The site is located in Unit M, Section 2, Township 24S, Range 26E, within Eddy County, New Mexico, on State Trust land. Sheets 1 and 2 illustrate the vicinity and site location on a United States Geological Service (USGS) 7.5-minute quadrangle map and aerial photograph, respectively.

Site information is summarized as follows:

Site Information			
Name	Campana 2M State #001	Operator	Chisholm Energy Production / WPX Energy Permian, LLC / Earthstone Operating, LLC
API Number	30-015-31725	Location	Unit M, Section 2 of Township 24S, Range 26E Eddy County, NM
OGRID	166431 246286 331165	GPS coordinates	32.241337, -104.270502
Land Owner	State Trust	NMOCD Release Closure Criteria (19.15.29.12.C(4) and Table I)	<50 ft (within an unstable area)
Lease ID	GS11530000	NMOCD Burial Trench Closure Criteria (19.15.17.11.C and Table II)	>100 ft

1.1 Site History

The Campana 2M State #001 site was an inactive production facility located approximately 7 miles south-southwest of Carlsbad, New Mexico on State Trust land at an elevation of approximately 3,300 feet above mean sea level (amsl). The well pad was located on the southern portion of the site, and the former reserve pit was located on the northern portion of the site. The well head monument marking the plugged and abandoned well was present in the north central portion of the well pad. A tank battery consisting of three above ground tanks with associated berms and fencing was present on the southeast corner of the well pad

and a separator was present on the eastern side of the well pad. The well pad was comprised of non-native caliche and the former reserve pit area is presently bare ground.

The former site was officially accessed from the dirt road located on the southwest corner of the well pad. There was also an unofficial two-track located on the northeast corner of the well pad that also serves as the buried pipeline right-of-way. A pipeline right-of-way runs adjacent to the former well pad on the southeast corner.

In April 2001, the location was permitted through OCD for drilling a new gas well to approximately 12,000 feet and complete it as a development well in the South Carlsbad (Morrow) pool. The *Application for Permit to Drill* (C-101 Form) included a site drawing that noted equipment, staging, and reserve pit locations. A *Sundry Notice* (C-103) from June 2006 noted that if an earthen pit was to be utilized as part of the site work, a permit must be obtained. However, no records of any earthen pit were ever found. In July 2007, the well was completed and successfully producing. In December 2019, the well was plugged and abandoned.

Applicable historical NMOCD, operator records, and historical imagery are provided in the June 8, 2023 *Burial Trench Closure Plan* and are available upon request.

2.0 Closure Criteria Determination

2.1 Release Closure Criteria

The former reserve pit was excavated to meet release closure criteria within 19.15.29.12.C(4) and Table I NMAC. Because the site is located within an unstable area due to high karst potential, the former pit was excavated to the meet the strictest standards of concentration limits:

Parameter	Limits (mg/kg)
Chloride	<600
Total Petroleum Hydrocarbon (TPH)	<100
Gasoline Range Organics (GRO) + Diesel Range Organics (DRO)	Not established
Benzene + Toluene + Ethylbenzene + Xylenes (BTEX)	<50
Benzene	<10

2.2 Burial Trench Closure Criteria

Burial of the former reserve pit was performed under 19.15.17.13 Table II and Subsection C of 19.15.17.11 NMAC. Depth to groundwater was determined to be greater than 100 feet below ground surface (bgs). However, the site is located within an unstable area due to the noted high karst potential. A variance was requested and granted, which allowed burial of the former reserve pit in an unstable area. Reference to the variance request is included in Section 5.0 of the 2023 *Burial Trench Closure Plan*. Burial of the former reserve pit was therefore set at the following standards:

Parameter	Limits (mg/kg)
Chloride	<80,000
Total Petroleum Hydrocarbon (TPH)	<2,500
Gasoline Range Organics (GRO) + Diesel Range Organics (DRO)	<1,000
Benzene + Toluene + Ethylbenzene + Xylenes (BTEX)	<50
Benzene	<10

3.0 Permits, Land Access, and Cultural Review

The OCD forms *C-144 Pit Closure Plan Application* and *C-105 Well Completion or Recompletion Report and Log* are included in Appendix A.

Prior to all field activities and soil disturbance, Devon acquired a Right-of-Entry (ROE) permit from SLO. Because the Campana 2M State #001 is located on State Trust Land, the completed ROE requested site access and included a description of planned remediation and reclamation activities, driving directions, equipment used, and associated fees. A ROE request was also completed for the transport of topsoil used for backfill across State Land. Copies of the ROEs are included in Appendix D.

The surface lease owner, Mr. George Harvick, was also notified via mailed letter of the planned remedial activities. No response was received from Mr. Harvick. A copy of the notification letter and delivery receipt is included in Appendix D.

A cultural survey of the planned disturbed area was performed by Advanced Archaeological Solutions (AAS) on May 16, 2024. No new archaeological sites or historic properties (built environment) were encountered during the survey. A preliminary records search of state and federal files revealed no archaeological sites or historic built structures within one mile of the survey area. The nearest previously recorded archaeological site (LA 138431) is located more than 6,000 feet southwest of the proposed project area (proposed area of potential effect). This previously recorded site will not be affected by any of the activities planned for this parcel. No isolated occurrences were observed within the survey area. The survey summarized no findings and no further review was required. A copy of the completed NMSLO cultural review forms are included in Appendix D.

4.0 Field Activities

4.1 Excavation of Former Reserve Pit

Equipment Removal

Bulk storage tanks, wellhead equipment, and other large equipment related to the operations of Campana 2M State #001 were removed from location prior to Devon taking responsibility of the remediation and closure activities. The only equipment that remained onsite was a buried gas line on the east side that connected to the former meter house. Devon coordinated with Kelly Oilfield Services (Kelly) for the abandonment of that gas line, which included cutting and capping the line at both the meter house location and where the gas line entered the well pad boundary.

Karst Monitoring

Due to the high karst potential, Southwest Geophysical Consulting, LLC (SGC) was present on site during excavation activities to monitor site conditions and potential for karst development. SGC personnel completed visual inspections at the beginning of excavation each day, midday, and end of each day to observe for signs of unstable ground, surface cracking, and development of voids within the excavation and excavation perimeter.

Excavation

Excavation of the former reserve pit began on July 16, 2024. Excavation activities were performed by Kelly under the direction of Devon. SMA personnel provided environmental field oversight, including air monitoring, field screening of soil samples, daily safety briefings, and photo documentation. Excavated (contaminated) soil was placed on 30 mil plastic liner on the east side and southwest corner of the well pad.

Contaminated soil was excavated until the walls and base met release closure criteria conditions noted in Section 2.1 of this report. Based on final excavation dimensions and a field topographic survey, approximately 14,231 cubic yards (yd^3), in-situ, of contaminated soil were excavated and temporarily placed on the liners east of the pad.

Given the size of the excavated area, SMA requested a sampling variance to 19.15.29.12 NMAC Part D(1)(c), which requested collecting a confirmation sample every 400 square feet (ft^2). Upon OCD and SLO approval, confirmation samples were collected every 400 ft^2 from the walls and base of the excavation, resulting in a total of 152 sample locations. Each sample was a 5-point composite. Composite samples were stored in laboratory supplied containers, placed on ice, and submitted to Eurofins Environmental Testing in Albuquerque, NM under chain of custody procedures. The samples were laboratory analyzed under the following EPA Methods:

- Method 300.0 for chloride
- Method 8021B for benzene and BTEX
- Method 8015D for TPH (GRO, DRO, and MRO)

Laboratory results indicated all samples met the concentrations required for release closure, as specified in Section 2.0 of this report. Confirmation sample locations are shown on Figure 3, confirmation sampling laboratory results are summarized in Table 1, and laboratory reports are provided in Appendix G.

Excavated (contaminated) soil stockpiled on the liner was also sampled and laboratory analyzed. Five-point composite samples were collected for a minimum of every 1,000 yd^3. A total of 15 samples were collected, stored in laboratory supplied containers, placed on ice, and submitted to Eurofins Environmental Testing under chain of custody procedures. Samples were laboratory analyzed under the following EPA Methods:

- Method 300.0 for chloride
- Method 8021B for benzene and BTEX
- Method 8015D for TPH (GRO, DRO, and MRO)

Additionally, three representative samples were laboratory analyzed for:

- Method SW 846/9095B for free liquid (paint filter)

Laboratory results indicated that all samples met the concentrations required for burial trench closure. Contaminated stockpile sample laboratory results are summarized in Table 2 and laboratory reports are provided in Appendix G.

4.2 Installation of Liner and Backfill

Over-Excavation

Upon laboratory confirmation that the walls and base of the excavation satisfied release closure criteria, Kelly began over-excavating to allow burial of the contaminated soil four feet below original ground surface. It was estimated that approximately 5,650 yd^3, in-situ, of soil was over-excavated. This soil was placed on the north side of the former pad. The over-excavated soil was predominantly soft, silty loam with minimal rock, and was considered suitable for reuse as topsoil.

Karst Survey

After over-excavation was complete and prior to liner installation, SGC inspected and surveyed the pit area for the presence of karst or the potential for karst development. A survey was performed using electrical resistivity imaging. Findings of the survey indicated two "shallow anomalies" interpreted as possible voids or related karst features within the survey area. The anomalies, noted as A1 and A2, lie within or just outside of the western edge of the excavation pit, as shown on SGC's *2D Electrical Resistivity Imaging Report*, Figures 5 and 6.

- Void A1 occurs at approximately 18 meters (59 ft) below the original ground surface and is estimated a size between 2-4 meters (6.6 – 13.2 ft).
- Void A2 occurs at approximately 14 meters (46 ft) below the original ground surface and is estimated a size between 2-3 meters (6.6 – 9.9 ft).

Per SGC, "*These anomalies may represent a large continuous void or two smaller isolated voids, near-surface solution-enlarged fractures within gypsite, or possibly an evaporite layer in the Rustler Formation. Such a feature could be associated with groundwater recharge and may also represent a collapse hazard. It is also possible that this anomaly represents a sandstone lens or sand-filled fracture.*" SGC recommended that, if further excavation is required, a geotechnical study be performed and a BLM-approved karst monitor be onsite during excavation activities.

In a follow-up phone conversation to discuss the karst survey results, SGC noted that the current extent and conditions of the excavation did not warrant a worker safety concern for installation of the liner, nor were mitigation measures recommended prior to or during liner installation.

A copy of SGC's 2D Electrical Resistivity Imaging Report is provided in Appendix E.

Bottom Liner Installation

Bottom liner installation activities began on September 30, 2024, and included excavation of an anchor trench around the perimeter of the excavation. On October 8, 2024, Southwest Liner Systems, Inc (SLS) placed a 30-mil Dura-Skrim N30B liner on the bottom of the excavation. SMA field personnel were onsite during installation to document activities were performed in accordance with the requirements of the Construction Quality Assurance/Quality Control (CQAQC) Plan, as described in the April 2024 Burial Trench Closure Plan. The scrim-reinforced low-density polyethylene (RPE) liner was deployed in large pre-fabricated panels, welded along seams, and anchored to the edges of the excavation by the anchor trench. This method of liner installation created a continuous, impermeable barrier to prevent any release of contaminants from the burial trench. During deployment, each roll was observed by SMA for defects or damage; no defects or damage was observed.

Each field seam was non-destructively tested over the extent of the seam using the air test method in accordance with the CQAQC Plan. The field seams' open channel was pressurized to 30 pounds per square inch (psi) and held for 5 minutes. No pressure drop over 4 psi was experienced in any of the seams during testing, thus meeting the requirements of the CQAQC Plan. SMA field personnel observed all non-destructive testing.

Per the CQAQC Plan, samples were collected for destructive testing every 750 linear feet of seam. The seams were laboratory-tested for peel and shear strength under ASTM D7747 standards. Sample areas were properly repaired and successfully non-destructively tested by SLS. Peel and shear test results were reviewed by an SMA Professional Engineer (PE) certified for liner quality control and determined the results as "passing". Destructive test results for the bottom liner are summarized in the following table.

Bottom Liner Destructive Seam Sample Test Summary

Destruct No.	Date Sampled	Weld Type	Peel (lbs/in)	Shear (lbs/in)	Pass/Fail	Comments
SDT-1	10/8/2024	Fusion	75.9	157.4	Pass	Requirements: Peel strength > 20 lbs/in Shear strength > 60 lbs/in
SDT-2			42.9	111.2	Pass	
SDT-3			41.0	108.7	Pass	
SDT-4			38.9	109.1	Pass	
SDT-5			36.6	102.5	Pass	
SDT-6			33.5	108.3	Pass	
SDT-7			33.1	105.2	Pass	
SDT-8			33.4	106.7	Pass	

lbs/in: pounds per inch (also noted as ppi)

Photographs of liner installation are included in the Remediation Photolog (Appendix C), and liner product certification with liner seam test results are provided in Appendix H.

Backfill of Former Reserve Pit

Once laboratory results demonstrated that the bottom liner was successfully installed, backfill of the former reserve pit began. The stockpiled contaminated soil was placed directly on the liner, with careful monitoring that no large or sharp rocks or objects were placed directly on or near the liner material. Backfill occurred in multiple layers of lifts and compacted using heavy equipment.

Cover Liner Installation

Upon completion of backfilling the contaminated soil within the lined pit, a cover RPE liner was installed. Similar to the bottom liner, the cover liner was in large pre-fabricated panels and welded along seams. The seams were then sampled and laboratory tested for peel and shear strength under ASTM D7747 standards. Peel and shear test results were reviewed by an SMA PE certified for liner quality control and determined as "passing". Destructive test results for the cover liner are summarized in the following table.

Cover Destructive Seam Sample Test Summary

Destruct No.	Date Sampled	Weld Type	Peel (lbs/in)	Shear (lbs/in)	Pass/Fail	Comments
DT-1	10/27/2024	Fusion	67.2	235.9	Pass	Requirements: Peel strength > 20 lbs/in Shear strength > 60 lbs/in
DT-2			41.5	206.3	Pass	
DT-3			34.8	204.3	Pass	
DT-4			42.3	213.4	Pass	
DT-5			31.5	202.0	Pass	
DT-6			37.9	201.2	Pass	
DT-7			56.7	212.5	Pass	

lbs/in: pounds per inch (also noted as ppi)

During placement of the cover soil, the construction crew hit the cover geomembrane and tore an area approximately 20 feet by 30 feet. SLS repaired the damage by placement of a large patch over the area. A destructive seam sample for this repair was sent to the geosynthetics laboratory for testing. The sample met the project requirements and is summarized below:

Destructive Seam Sample Test Summary – Repair of Cover Tear

Destruct No.	Date Sampled	Weld Type	Peel (lbs/in)	Shear (lbs/in)	Pass/Fail	Comments
SDT-1	11/13/2024	Fusion	52.4	64.7	Pass	Requirements: Peel strength > 20 lbs/in Shear strength > 60 lbs/in

lbs/in: pounds per inch (also noted as ppi)

Product certification and cover liner test results are provided in Appendix H.

Backfill with Topsoil

Once laboratory results demonstrated that the cover liner was successfully installed, topsoil was ready to be placed on the cover liner. Stockpiled, over-excavated soil from earlier was placed directly on the liner cover, with careful monitoring that no large or sharp rocks or objects were in contact with the liner. The over-excavated soil was placed from 3-4 feet below original ground surface. Topsoil from an adjacent landowner was brought in and placed from surface level to 3 feet bgs. The imported topsoil was laboratory-analyzed to verify that the soil met chloride concentration criteria from 19.15.17.13 NMAC Part H(3) and was not impacted by oilfield activities prevalent in the area. Samples were laboratory analyzed under the following EPA Methods:

- Method 300.0 for chloride
- Method 8021B for benzene and BTEX
- Method 8015D for TPH (GRO, DRO, and MRO)
- USDA Method 20B for sodium adsorption ratio (SAR)

Sample results were below laboratory detection limits for all parameters. Additionally, SAR results were less than 3, which is an indication that the soil is well suited for most crops and vegetation.

Topsoil laboratory results are summarized in Table 3 and copies of the laboratory results are provided in Appendix G.

4.3 Reclamation Activities

Reclamation of the site included disking and contouring the final pad area, as well as areas adjacent to the former pad and access road from the west. Soil was contoured to match the surrounding grade. A seed mix approved by SLO for loamy sites was applied at a rate of 18.0 total pure live seed (PLS)/acre. The application and component mixture of the seed mix are described in the Reclamation Activities Report (Appendix F).

A burial marker was placed in the center of the former Campana 2M State #001 reserve pit on January 13, 2024. The marker was installed per the conditions set by OCD, including a 4-inch by 4-inch steel plate noting the operator name, lease name, well number and location, and a noted “On-Site Burial”. Photographs of the marker post and plaque are shown in the Remediation Photolog (Appendix C, Photos #43 and #44).

The Reclamation Activities Report will also be provided to SLO. A copy of the report is provided in Appendix F.

The reclaimed site and access road will be monitored at least semi-annually to determine if reclamation activities were sufficient. The revegetated area will be monitored for natural life forms including plant cover until at least 70% representative coverage is achieved. Noxious weeds will be identified and treated by a licensed contracted herbicide applicator or mechanically removed. Through site visits, noxious and invasive weeds will be identified, inventoried and treated by a licensed, contracted herbicide applicator or mechanically removed. If the initial reclamation efforts are ultimately deemed unsuccessful, reclamation activities will be reevaluated. Soil amendments will be added as applicable, and reseeding will be performed in the first following favorable growing season.

The operator will notify NMOCD and SLO when revegetation and reclamation are considered complete, and a Final Reclamation Report and Reclamation Closure Request will be submitted to SLO.

5.0 Summary of Burial Trench Closure

To achieve closure of the burial trench, the following measures and conditions of approval were satisfied:

Regulatory Measure	Regulatory Reference
Closure for Waste	Subsection D of 19.15.17.13 NMAC
Trench Design and Construction	Subsection K of 19.15.17.11 NMAC
Reclamation for the Former Reserve Pit as Burial Trench	Subsection H of 19.15.17.13 NMAC
Closure and Reclamation Requirements: • Within 60 days of closure completion, operator shall submit a closure report on form C-144 and plat of the pit location on form C-105. • Operator shall report exact location of the onsite burial on form C-105. • Operator shall place a steel marker at center of on-site burial.	OCD Correspondence, April 23, 2024 (see Appendix B)
Reclamation Requirements: • Submission of a Remediation Closure Report. • Submission of a Reclamation Activities Report. • Seed mix shall be a SLO-approved seed mix for loamy sites.	SLO Correspondence, April 23, 2024 and September 26, 2023 (see Appendix B)

Implementation details for each measure are described in detail in Appendix B.

6.0 Closure Request

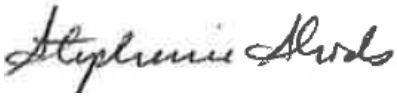
Based on the activities performed and completion of requirements set forth by OCD and SLO, Devon Energy Production Company, LP respectfully requests closure of Campana 2M State #001.

7.0 Scope and Limitations

The scope of our services included observation of: the excavation of the former reserve pit, onsite reburial of the reserve pit within a liner, backfilling the top four feet with topsoil, and reclamation of the site. All work has been performed in accordance with generally accepted professional environmental consulting practices for oil and gas operations in the Permian Basin in New Mexico.

If there are any questions regarding this report or site conditions, please contact SMA at (505) 325-7535.

Submitted by:
SOUDER, MILLER & ASSOCIATES



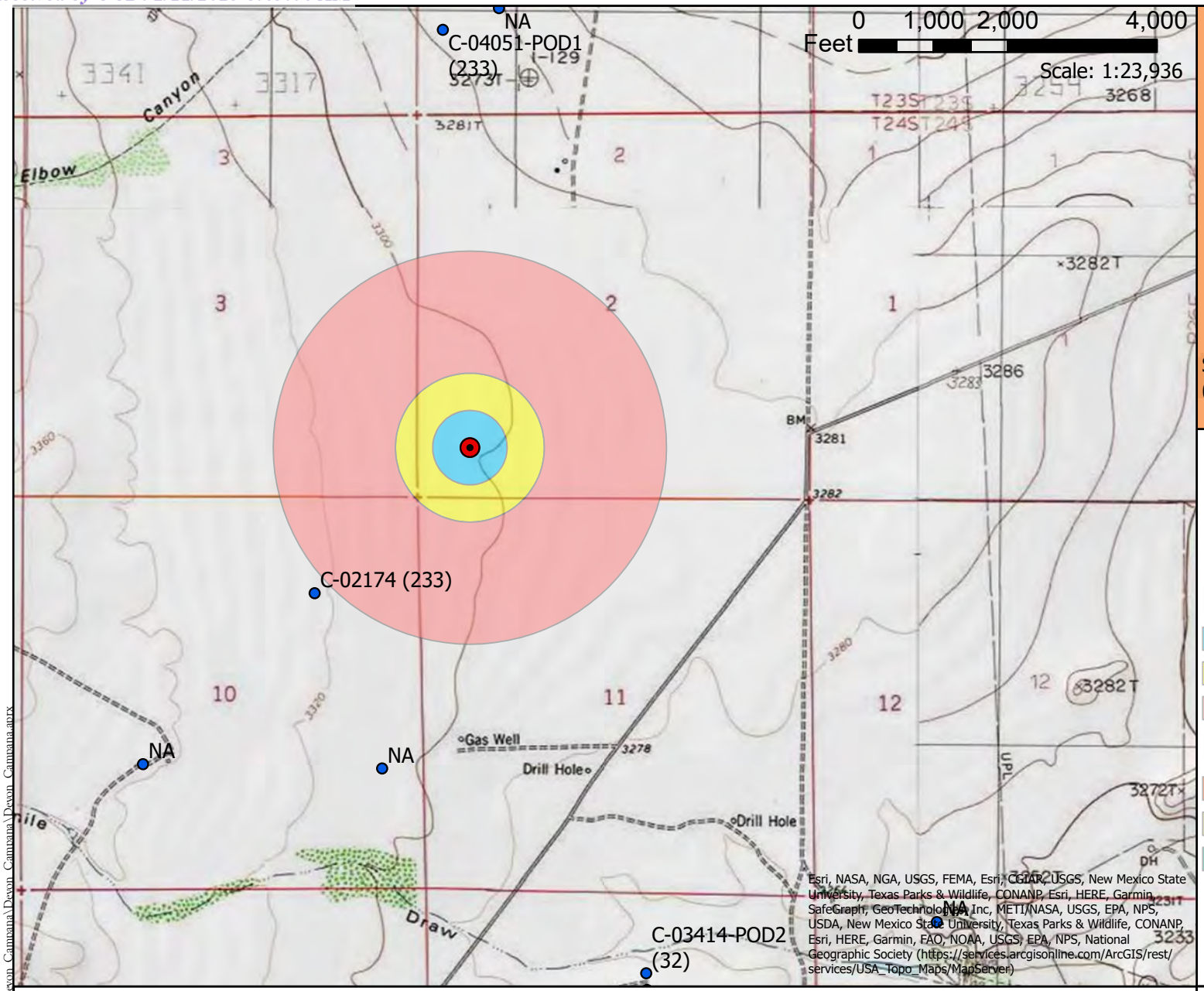
Stephanie Hinds, P.E.
Senior Engineer

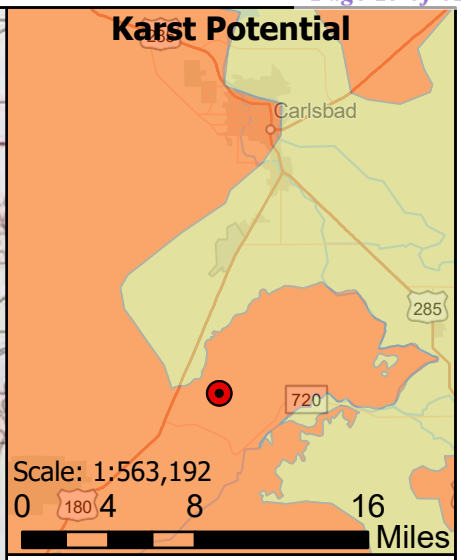
Reviewed by:



Reid S. Allan, P.G.
Principal Scientist

FIGURES





Legend

- Campana 2M State #1 Well Head
- OSE GW Wells (depth in ft)

Buffer Distance

- 500 feet
- 1000 feet
- 0.5 mile

Karst Potential

- High
- Medium
- Low

N

Well Head Coordinates:
-104.270502W 32.241337N

Topographic Site Map
Campana 2M State #001 - Devon Energy Production Co.
UL: M S: 2 T: 24S R: 26E, Eddy County, New Mexico

Figure 1

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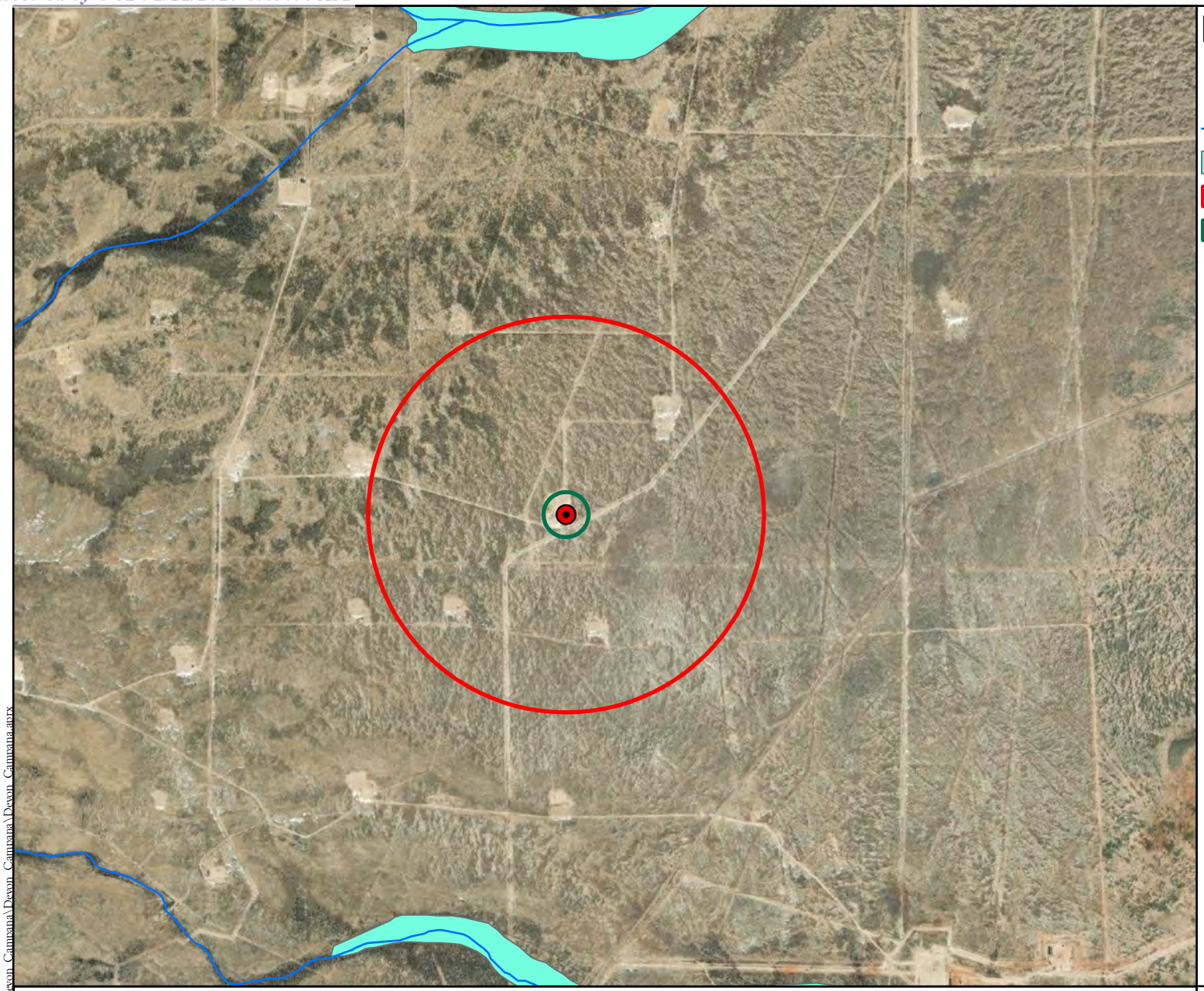
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Drawn Sarahmay Schlea
Date 12/22/2022
Checked
Approved

SMA
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Legend

- Campana 2M State #1 Well Head
- Streams/Canals/Flowlines
- FEMA Flood Zones
- 0.5 Mile Radius
- 300 Foot Radius

0 2,000 4,000

Feet

Scale: 1:23,783

N

Well Head Coordinates:
-104.270502W 32.241337N

Aerial Site Map
Campana 2M State #001 - Devon Energy Production Co.
UL: M S: 2 T: 24S R: 26E, Eddy County, New Mexico

Figure 2

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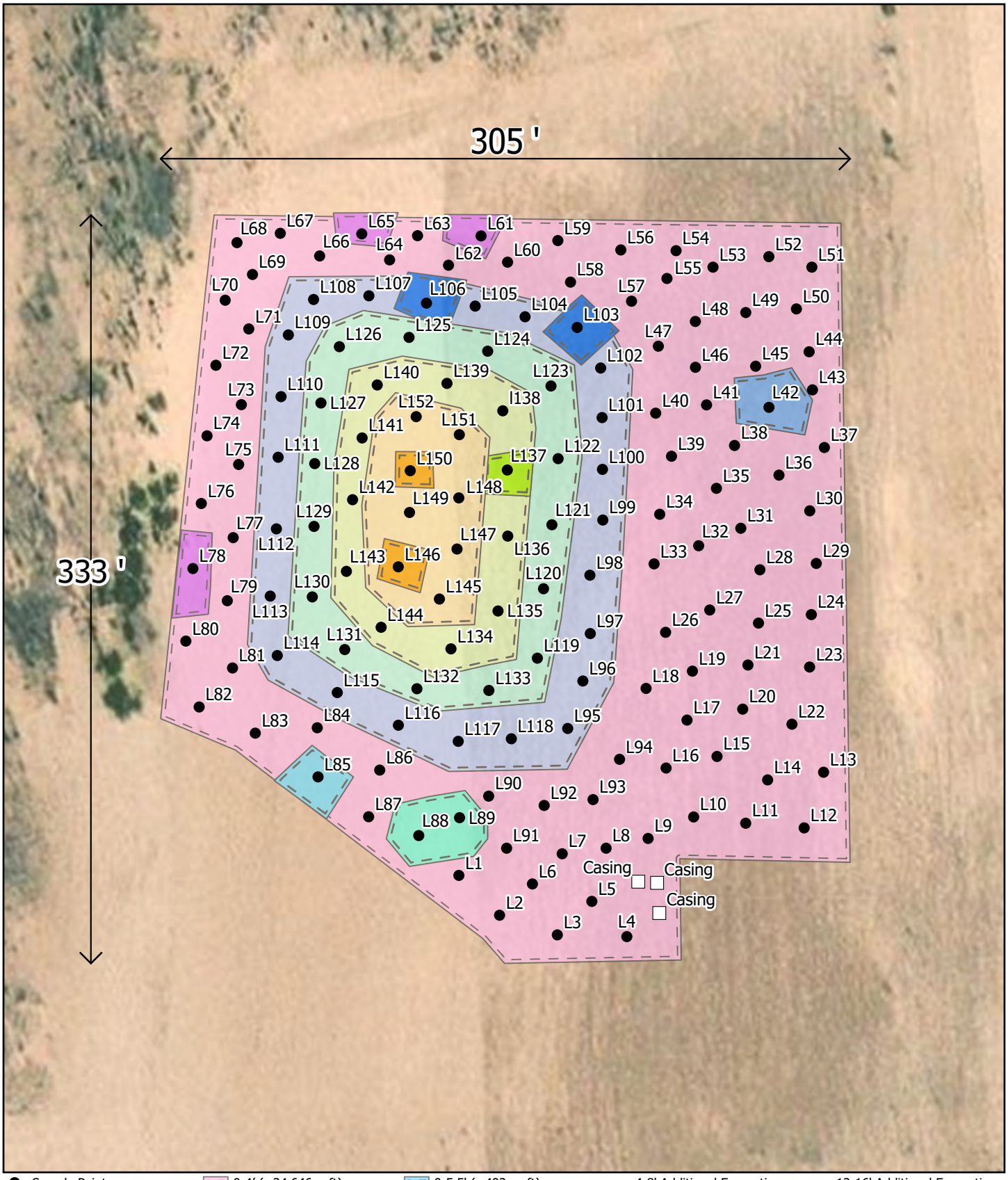
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By: _____ Date: _____ Descr: _____

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Drawn Sarahmay Schlea
Date 12/22/2022
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- Sample Point
- Other
- 0-4′ (~34,646 sqft)
- 0-4.5′ (~1,625 sqft)
- 4.5' Excavation (~555 sqft)
- 0-5.5' (~402 sq ft)
- 5.5' (~801 sq ft)
- 4-8' Slope (~7,964 sqft)
- 4-8' Additional Excavation (~1,619 sqft)
- 8-12′ Slope (~6,147 sqft)
- 12-16′ Slope (~3,910 sqft)
- 12-16' Additional Excavation (~402 sqft)
- 16′ Excavation (~2,678 sqft)
- 16.5' Base (~802 sqft)

SMA

0 15 30 60 ft.

NAD 1983 UTM Zone 13N

Date: 8/22/2024

Map Center:
Lat: 32.24145°,
Long: -104.270505°

N

Confirmatory Sample Locations
Campana 2M State #1

FIGURE:
3

devon

Geospatial data presented in this figure may be derived from external sources and SMA does not assume any liability for inaccuracies. This figure is intended for reference use only and is not certified for legal, survey, or engineering purposes.

Note: Background image from Esri, 2024. Feature locations from GPS, SMA.

TABLES

Table 1. Confirmation Soil Sampling Results
Release Closure Criteria (19.15.29.12.C(4) and Table 1 NMAC)

Sample ID	Sample Date	Depth of Sample (feet bgs*)	Field Screening	Method 300.0	Method 8021B		Method 8015D			
			Electrical Conductivity	Cl-	BTEX	Benzene	GRO	DRO	MRO	Total TPH
			ppm	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
NMOCD Release Closure Criteria			--	**600**	**50**	**10**	--	--	--	**100**
L1	7/26/2024	0-4'	478	210	<0.22	<0.025	<5.0	<8.7	<43	<56.7
L2	7/26/2024	0-4'	360	220	<0.211	<0.023	<4.7	<8.8	<44	<57.5
L3	7/26/2024	0-4'	429	350	<0.215	<0.024	<4.8	<8.7	<44	<57.5
L4	7/26/2024	0-4'	480	470	<0.21	<0.023	<4.7	<8.8	<44	<57.5
L5	7/26/2024	4'	320	270	<0.215	<0.024	<4.8	<9.9	<49	<63.7
L6	7/26/2024	4'	435	270	<0.224	<0.025	<5.0	<8.5	<42	<55.5
L7	7/26/2024	4'	590	530	<0.217	<0.024	<4.8	<9.9	<49	<63.7
L8	7/26/2024	4'	348	210	<0.213	<0.024	<4.7	<8.7	<44	<57.4
L9	7/26/2024	0-4'	62	<60	<0.221	<0.025	<4.9	<8.8	<44	<57.7
L10	7/26/2024	0-4'	65	<60	<0.21	<0.023	<4.7	<9.1	<45	<58.8
L11	7/26/2024	0-4'	67	<60	<0.216	<0.024	<4.8	<9.7	<48	<62.5
L12	7/26/2024	0-4'	312	110	<0.221	<0.025	<4.9	<8.6	<43	<56.5
L13	7/26/2024	0-4'	338	150	<0.213	<0.024	<4.7	<8.8	<44	<57.5
L14	7/26/2024	4'	363	150	<0.213	<0.024	<4.7	<9.5	<47	<61.2
L15	7/26/2024	4'	301	410	<0.217	<0.024	<4.8	<8.5	<42	<55.3
L16	7/26/2024	4'	247	110	<0.211	<0.023	<4.7	<9.0	<45	<58.7
L17	7/29/2024	4'	350	260	<0.225	<0.025	<5.0	<9.6	<48	<62.6
L18	7/29/2024	4'	467	340	<0.211	<0.023	<4.7	<10	<50	<64.7
L19	7/29/2024	4'	262	340	<0.22	<0.024	<4.9	<9.2	<46	<60.1
L20	7/29/2024	4'	420	340	<0.224	<0.025	<5.0	<10	<50	<65
L21	7/29/2024	4'	225	93	<0.217	<0.024	<4.8	<9.9	<49	<63.7
L22	7/29/2024	0-4'	255	73	<0.217	<0.024	<4.8	<8.6	<43	<56.4
L23	7/29/2024	0-4'	167	130	<0.222	<0.025	<4.9	<9.8	<49	<63.7
L24	7/29/2024	0-4'	220	130	<0.216	<0.024	<4.8	<9.9	<49	<63.7
L25	7/29/2024	4'	350	170	<0.213	<0.024	<4.7	<9.7	<48	<62.4

Table 1. Confirmation Soil Sampling Results
Release Closure Criteria (19.15.29.12.C(4) and Table 1 NMAC)

Sample ID	Sample Date	Depth of Sample (feet bgs*)	Field Screening	Method 300.0	Method 8021B		Method 8015D			
			Electrical Conductivity	Cl-	BTEX	Benzene	GRO	DRO	MRO	Total TPH
			ppm	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
NMOCD Release Closure Criteria			--	**600**	**50**	**10**	--	--	--	**100**
L26	7/29/2024	4'	155	<60	<0.225	<0.025	<5.0	<9.0	<45	<59
L27	7/29/2024	4'	120	72	<0.217	<0.024	<4.8	<9.1	<45	<58.9
L28	7/29/2024	4'	135	<60	<0.207	<0.023	<4.6	<9.9	<50	<64.5
L29	7/29/2024	0-4'	155	<60	<0.215	<0.024	<4.8	<9.8	<49	<63.6
L30	7/29/2024	0-4'	182	130	<0.213	<0.024	<4.7	<9.6	<48	<62.3
L31	7/29/2024	4'	167	130	<0.207	<0.023	<4.6	<9.6	<48	<62.2
L32	7/29/2024	4'	350	120	<0.225	<0.025	<5.0	<8.9	<45	<58.9
L33	7/29/2024	4'	200	160	<0.224	<0.025	<5.0	<9.1	<46	<60.1
L34	7/29/2024	4'	150	<60	<0.215	<0.024	<4.8	<9.8	<49	<63.6
L35	7/29/2024	4'	167	69	<0.224	<0.025	<5.0	<9.5	<47	<61.5
L36	7/29/2024	4'	112	<60	<0.217	<0.024	<4.8	<9.0	<45	<58.8
L37	7/29/2024	0-4'	225	86	<0.212	<0.024	<4.7	<8.8	<44	<57.5
L38	7/29/2024	4'	125	66	<0.216	<0.024	<4.8	<9.7	<49	<63.5
L39	7/29/2024	4'	65	<60	<0.221	<0.025	<4.9	<9.5	<47	<61.4
L40	7/29/2024	4'	500	410	<0.221	<0.025	<4.9	<9.6	<48	<62.5
L41	7/29/2024	4'	233	65	<0.210	<0.023	<4.7	<8.7	<44	<57.4
L42	7/29/2024	4'	0	**3800**	<0.212	<0.024	<4.7	<9.4	<47	<61.1
	8/14/2024	4.5'	160	160	<0.225	<0.025	<5.0	<9.9	<50	<64.9
L43	7/29/2024	0-4'	335	260	<0.220	<0.024	<4.9	<9.5	<47	<61.4
L44	7/29/2024	0-4'	241	<60	<0.207	<0.023	<4.6	<9.3	<47	<60.9
L45	7/29/2024	4'	140	<60	<0.225	<0.025	<5.0	<9.5	<48	<62.5
L46	7/29/2024	4'	505	420	<0.213	<0.024	<4.7	<8.5	<42	<55.2
L47	7/29/2024	4'	550	400	<0.212	<0.024	<4.7	<9.9	<50	<64.6
L48	7/29/2024	4'	570	480	<0.219	<0.024	<4.9	<10	<50	<64.9
L49	7/29/2024	4'	230	98	<0.219	<0.024	<4.9	<9.8	<49	<63.7

Table 1. Confirmation Soil Sampling Results
Release Closure Criteria (19.15.29.12.C(4) and Table 1 NMAC)

Sample ID	Sample Date	Depth of Sample (feet bgs*)	Field Screening	Method 300.0	Method 8021B		Method 8015D			
			Electrical Conductivity	Cl-	BTEX	Benzene	GRO	DRO	MRO	Total TPH
			ppm	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
NMOCD Release Closure Criteria			--	600	50	10	--	--	--	100
L50	7/29/2024	0-4'	125	210	<0.225	<0.025	<5.0	<9.4	<47	<61.4
L51	7/29/2024	0-4'	380	<60	<0.220	<0.024	<4.9	<8.9	<44	57.8
L52	7/29/2024	0-4'	539	310	<0.224	<0.025	<5.0	<9.7	<49	<63.7
L53	7/29/2024	4'	430	430	<0.217	<0.024	<4.8	<9.1	<46	<59.9
L54	7/29/2024	0-4'	400	360	<0.215	<0.024	<4.8	<9.4	<47	<61.2
L55	7/29/2024	4'	130	<60	<0.216	<0.024	<4.8	<9.9	<50	<64.7
L56	7/29/2024	0-4'	480	360	<0.224	<0.025	<5.0	<9.5	<48	<62.5
L57	7/29/2024	4'	210	120	<0.208	<0.023	<4.6	<10	<50	<64.6
L58	7/29/2024	4'	338	150	<0.215	<0.024	<4.8	<8.7	<43	<56.5
L59	7/29/2024	0-4'	565	490	<0.224	<0.025	<4.9	<9.1	<45	<59
L60	7/29/2024	4'	400	410	<0.211	<0.023	<4.7	<10	<50	<64.7
L61	7/29/2024	0-4'	556	660	<0.21	<0.023	<4.7	<9.9	<50	<64.6
	8/14/2024	0-4.5'	125	<60	<0.224	<0.025	<5.0	<8.9	<45	<58.9
L62	7/29/2024	4'	200	70	<0.225	<0.025	<5.0	<9.2	<46	<60.2
L63	7/29/2024	0-4'	280	160	<0.208	<0.023	<4.6	<9.8	<49	<63.4
L64	7/29/2024	4'	166	97	<0.216	<0.024	<4.8	<10	<50	<64.8
L65	7/29/2024	0-4'	84	3900	<0.222	<0.025	<4.9	<9.3	<47	<61.2
	8/14/2024	0-4.5'	100	84	<0.225	<0.025	<5.0	<9.8	<49	<63.8
L66	7/30/2024	0-4'	125	<60	<0.225	<0.025	<5.0	<9.3	<46	<60.3
L67	7/30/2024	0-4'	420	340	<0.221	<0.025	<4.9	<9.2	<46	<60.1
L68	7/30/2024	0-4'	200	72	<0.216	<0.024	<4.8	<9.6	<48	<62.4
L69	7/30/2024	4'	125	<60	<0.225	<0.025	<5.0	<9.5	<48	<62.5
L70	7/30/2024	0-4'	142	<60	<0.208	<0.023	<4.6	<9.7	<48	<62.3
L71	7/30/2024	4'	280	160	<0.220	<0.024	<4.9	<9.8	<49	<63.7
L72	7/30/2024	0-4'	195	<60	<0.220	<0.024	<4.9	<9.6	<48	<62.5

Table 1. Confirmation Soil Sampling Results
Release Closure Criteria (19.15.29.12.C(4) and Table 1 NMAC)

Sample ID	Sample Date	Depth of Sample (feet bgs*)	Field Screening	Method 300.0	Method 8021B		Method 8015D			
			Electrical Conductivity	Cl-	BTEX	Benzene	GRO	DRO	MRO	Total TPH
			ppm	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
NMOCD Release Closure Criteria			--	600	50	10	--	--	--	100
L73	7/30/2024	4'	275	270	<0.224	<0.025	<5.0	<9.7	<48	<62.7
L74	7/30/2024	0-4'	167	70	<0.215	<0.024	<4.8	<9.5	<47	<61.3
L75	7/30/2024	4'	490	110	<0.221	<0.025	<4.9	<10	<50	<64.9
L76	7/30/2024	0-4'	220	140	<0.219	<0.024	<4.9	<8.5	<43	<56.4
L77	7/30/2024	4'	292	170	<0.221	<0.025	<4.9	<9.3	<46	<60.2
L78	7/30/2024	0-4'	577	640	<0.212	<0.024	<4.7	<9.4	<47	<61.1
	8/14/2024	0-4.5'	110	<60	<0.215	<0.024	<4.8	<9.9	<50	<64.7
L79	7/30/2024	4'	492	590	<0.211	<0.023	<4.7	<8.7	<44	<57.4
L80	7/30/2024	0-4'	600	540	<0.221	<0.025	<4.9	<9.5	<47	<61.4
L81	7/30/2024	4'	562	520	<0.224	<0.025	<5.0	<9.7	<48	<62.7
L82	7/30/2024	0-4'	365	470	<0.213	<0.024	<4.7	<10	<50	<64.7
L83	7/30/2024	0-4'	125	110	<0.224	<0.025	<5.0	<8.9	<45	<58.9
L84	7/30/2024	4'	360	330	<0.219	<0.024	<4.9	<9.8	<49	<63.7
L85	7/30/2024	0-4'	600	770	<0.216	<0.024	<4.8	<9.8	<49	<63.6
	8/14/2024	0-5.5'	242	97	<0.221	<0.025	<4.9	<9.5	<47	<61.4
L86	7/30/2024	4'	490	560	<0.221	<0.025	<4.9	<9.1	<46	<63.7
L87	7/30/2024	0-4'	380	210	<0.222	<0.025	<4.9	<9.4	<47	<61.3
L88	7/30/2024	0-4'	570	680	<0.224	<0.025	<5.0	<9.6	<48	<62.6
	8/14/2024	0-5.5'	360	470	<0.224	<0.025	<5.0	<9.8	<49	<63.7
L89	7/30/2024	4'	585	600	<0.224	<0.025	<5.0	<9.4	<47	<61.4
	8/14/2024	5.5'	145	<60	<0.224	<0.025	<5.0	<9.7	<49	<63.7
L90	7/30/2024	4'	440	290	<0.222	<0.025	<4.9	<9.7	<49	<63.6
L91	7/30/2024	4'	240	87	<0.224	<0.025	<5.0	<9.5	<48	<62.5
L92	7/30/2024	4'	170	92	<0.225	<0.025	<5.0	<9.3	<47	<61.3
L93	7/30/2024	4'	210	98	<0.220	<0.024	<4.9	<9.7	<48	<62.6

Table 1. Confirmation Soil Sampling Results
Release Closure Criteria (19.15.29.12.C(4) and Table 1 NMAC)

Sample ID	Sample Date	Depth of Sample (feet bgs*)	Field Screening	Method 300.0	Method 8021B		Method 8015D			
			Electrical Conductivity	Cl-	BTEX	Benzene	GRO	DRO	MRO	Total TPH
			ppm	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
NMOCD Release Closure Criteria			--	**600**	**50**	**10**	--	--	--	**100**
L94	7/30/2024	4'	160	<60	<0.225	<0.025	<5.0	<9.3	<47	<61.3
L95	7/30/2024	4-8'	280	130	<0.211	<0.023	<4.7	<9.8	<49	<63.5
L96	7/30/2024	4-8'	480	370	<0.212	<0.024	<4.7	<9.1	<45	<58.8
L97	7/30/2024	4-8'	527	260	<0.217	<0.024	<4.8	<9.6	<48	<62.4
L98	7/30/2024	4-8'	280	140	<0.222	<0.025	<4.9	<9.7	<49	<63.6
L99	7/30/2024	4-8'	200	150	<0.224	<0.025	<5.0	<9.5	<48	<62.5
L100	7/30/2024	4-8'	365	460	<0.225	<0.025	<5.0	<8.8	<44	<57.8
L101	7/30/2024	4-8'	250	340	<0.219	<0.024	<4.9	<9.7	<48	<62.6
L102	7/30/2024	4-8'	125	120	<0.219	<0.024	<4.9	<9.8	<49	<63.7
L103	7/30/2024	4-8'	500	**640**	<0.207	<0.023	<4.6	<9.1	<46	<59.7
	8/14/2024	4-8'	207	320	<0.21	<0.023	<4.7	<9.5	<47	<61.2
L104	7/30/2024	4-8'	627	550	<0.225	<0.025	<5.0	<9.5	<48	<62.5
L105	7/30/2024	4-8'	365	420	<0.212	<0.024	<4.7	<9.8	<49	<63.5
L106	7/30/2024	4-8'	455	**640**	<0.211	<0.023	<4.7	<9.6	<48	<62.3
	8/14/2024	4-8'	217	82	<0.217	<0.024	<4.8	<9.2	<46	<60
L107	7/30/2024	4-8'	570	580	<0.216	<0.024	<4.8	<9.3	<47	<62.1
L108	7/30/2024	4-8'	250	350	<0.220	<0.024	<4.9	<10	<50	<64.9
L109	7/30/2024	4-8'	120	120	<0.213	<0.024	<4.7	<9.1	<46	<59.8
L110	7/30/2024	4-8'	200	90	<0.225	<0.025	<5.0	<8.9	<44	<57.9
L111	7/30/2024	4-8'	200	130	<0.210	<0.023	<4.7	<9.0	<45	<58.7
L112	7/30/2024	4-8'	360	350	<0.212	<0.024	<4.7	<9.4	<47	<61.1
L113	7/30/2024	4-8'	480	380	<0.225	<0.025	<5.0	<9.7	<49	<63.7
L114	7/30/2024	4-8'	400	390	<0.208	<0.023	<4.6	<9.2	<46	<58.7
L115	7/30/2024	4-8'	350	570	<0.225	<0.025	<5.0	<9.4	<47	<61.4
L116	7/30/2024	4-8'	260	320	<0.219	<0.024	<4.9	<9.8	<49	<63.7

Table 1. Confirmation Soil Sampling Results
Release Closure Criteria (19.15.29.12.C(4) and Table 1 NMAC)

Sample ID	Sample Date	Depth of Sample (feet bgs*)	Field Screening	Method 300.0	Method 8021B		Method 8015D			
			Electrical Conductivity	Cl-	BTEX	Benzene	GRO	DRO	MRO	Total TPH
			ppm	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
NMOCD Release Closure Criteria			--	600	50	10	--	--	--	100
L117	7/30/2024	4-8'	560	480	<0.213	<0.024	<4.7	<10	<50	<64.7
L118	7/30/2024	4-8'	480	550	<0.225	<0.025	<5.0	<9.7	<48	<62.7
L119	7/30/2024	8-12'	267	220	<0.222	<0.025	<4.9	<9.4	<47	<61.3
L120	7/30/2024	8-12'	482	530	<0.224	<0.025	<5.0	<9.6	<48	<62.6
L121	7/30/2024	8-12'	492	460	<0.208	<0.023	<4.6	<9.7	<48	<62.3
L122	7/30/2024	8-12'	240	260	<0.216	<0.024	<4.8	<9.7	<48	<62.5
L123	7/30/2024	8-12'	365	470	<0.216	<0.024	<4.8	<9.8	<49	<63.6
L124	7/30/2024	8-12'	260	260	<0.224	<0.025	<5.0	<9.6	<48	<62.6
L125	7/30/2024	8-12'	340	320	<0.225	<0.025	<5.0	<9.8	<49	<63.8
L126	7/30/2024	8-12'	125	<60	<0.213	<0.024	<4.7	<9.5	<48	<62.2
L127	7/30/2024	8-12'	320	260	<0.212	<0.024	<4.7	<9.4	<47	<61.1
L128	7/30/2024	8-12'	280	160	<0.207	<0.023	<4.6	<9.0	<45	<58.6
L129	7/30/2024	8-12'	130	66	<0.216	<0.024	<4.8	<9.5	<47	<61.3
L130	7/30/2024	8-12'	430	590	<0.207	<0.023	<4.6	<9.9	<49	<63.5
L131	7/30/2024	8-12'	250	330	<0.211	<0.023	<4.7	<9.1	<46	<59.8
L132	7/30/2024	8-12'	125	420	<0.215	<0.024	<4.8	<9.6	<48	<62.4
L133	7/30/2024	8-12'	350	300	<0.217	<0.024	<4.8	<9.6	<48	<62.4
L134	7/30/2024	12-16'	400	190	<0.222	<0.025	<4.9	<9.2	<46	<60.1
L135	7/30/2024	12-16'	200	90	<0.213	<0.024	<4.7	<9.4	<47	<61.1
L136	7/30/2024	12-16'	250	230	<0.222	<0.025	<4.9	<9.7	<48	<62.6
L137	7/30/2024	12-16'	607	610	<0.213	<0.024	<4.7	<9.8	<49	<63.5
	8/14/2024	12-16'	365	460	<0.208	<0.093	<4.6	<9.7	<48	<62.3
L138	7/30/2024	12-16'	600	170	<0.217	<0.024	<4.8	<9.1	<45	<58.9
L139	7/30/2024	12-16'	280	170	<0.216	<0.024	<4.8	<9.4	<47	<61.2
L140	7/30/2024	12-16'	250	240	<0.217	<0.024	<4.8	<9.9	<50	<64.7

Table 1. Confirmation Soil Sampling Results
Release Closure Criteria (19.15.29.12.C(4) and Table 1 NMAC)

Sample ID	Sample Date	Depth of Sample (feet bgs*)	Field Screening	Method 300.0	Method 8021B		Method 8015D			
			Electrical Conductivity	Cl-	BTEX	Benzene	GRO	DRO	MRO	Total TPH
			ppm	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
NMOCD Release Closure Criteria			--	600	50	10	--	--	--	100
L141	7/30/2024	12-16'	320	240	<0.222	<0.025	<4.9	<9.7	<48	<62.6
L142	7/30/2024	12-16'	360	480	<0.216	<0.024	<4.8	<9.3	<46	<60.1
L143	7/30/2024	12-16'	310	310	<0.216	<0.024	<4.8	<9.8	<49	<63.6
L144	7/30/2024	16'	492	420	<0.211	<0.023	<4.7	<9.6	<48	<62.3
L145	7/30/2024	16'	335	250	<0.222	<0.025	<4.9	<9.7	<49	<63.6
L146	7/30/2024	16'	467	**760**	<0.217	<0.024	<4.8	<9.5	<47	<61.3
	8/14/2024	16.5'	262	270	<0.221	<0.025	<4.9	<10	<50	<64.9
L147	7/30/2024	16'	275	220	<0.216	<0.024	<4.8	<9.3	<46	<61.1
L148	7/30/2024	16'	65	520	<0.224	<0.025	<5.0	<9.9	<50	<64.9
L149	7/30/2024	16'	177	130	<0.208	<0.023	<4.6	<9.0	<45	<58.6
L150	7/30/2024	16'	447	**640**	<0.220	<0.024	<4.9	<9.6	<48	<62.5
	8/14/224	16.5'	165	160	<0.217	<0.024	<4.8	<9.4	<47	<61.2
L151	7/30/2024	16'	318	280	<0.210	<0.023	<4.7	<9.7	<48	<62.4
L152	7/30/2024	16'	419	340	<0.213	<0.022	<4.7	<9.3	<47	<61.0

Refer to Figure 3 for sample locations.
* Depth below orginal ground surfce.
NMOCD: New Mexico Oil Conservation Division
bgs: below grade surface
mg/kg: milligrams per kilogram
BTEX: sum of bezene, toluene, ethylbenzene, xylenes
TPH: total petroleum hydrocarbons
GRO: gasoline range organics
DRO: diesel range organics
MRO: motor oil range organics

Table 2. Contaminated Stockpile Soil Sampling Results
Burial Trench Closure Criteria (19.15.17.13 Talbe II NMAC)

Sample ID	Sample Date	Depth of Sample (feet bgs)*	Field Screening	Method 300.0	Method 8021B		Method 8015D				Method SW846/9095B
			Electrical Conductivity	Cl-	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Free Liquid
			ppm	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	--
OCD Burial Trench Closure Criteria			--	**80,000**	**50**	**10**	--	--	--	**2,500**	-
SP1	7/30/2024	Stock Pile	--	1600	<0.217	<0.024	<4.8	<9.6	<48	<62.4	--
SP2	7/30/2024	Stock Pile	--	3400	<0.216	<0.024	<4.8	<9.6	<48	<62.4	--
SP3	7/30/2024	Stock Pile	--	2800	<0.216	<0.024	<4.8	<9.6	<48	<62.4	Negative
SP4	7/30/2024	Stock Pile	--	2700	<0.220	<0.024	<4.9	11	<49	11	--
SP5	7/30/2024	Stock Pile	--	6300	<0.216	<0.024	<4.8	12	<49	12	--
SP6	7/30/2024	Stock Pile	--	7300	<0.225	<0.025	<5.0	16	<50	16	--
SP7	7/30/2024	Stock Pile	--	2200	<0.224	<0.025	<5.0	<9.9	<49	<63.9	--
SP8	7/30/2024	Stock Pile	--	2400	<0.222	<0.025	<4.9	<9.7	<48	<62.6	Negative
SP9	7/30/2024	Stock Pile	--	4400	<0.208	<0.023	<4.6	<9.6	<48	<62.2	--
SP10	7/30/2024	Stock Pile	--	4400	<0.224	<0.025	<5.0	<9.8	<49	<63.8	--
SP11	7/30/2024	Stock Pile	--	4200	<0.224	<0.025	<5.0	<8.8	<44	<57.8	--
SP12	7/30/2024	Stock Pile	--	2700	<0.219	<0.024	<4.9	<9.6	<48	<62.5	--
SP13	7/30/2024	Stock Pile	--	3100	<0.215	<0.024	<4.8	<9.6	<48	<62.4	Negative
SP14	8/22/2024	Stock Pile	--	5000	<0.219	<0.024	<4.9	<9.3	<47	<61.2	--
SP15	8/22/2024	Stock Pile	--	7800	<0.213	<0.024	<4.7	<9.8	<49	<63.5	--

* Depth below orginal ground surfce.
bgs: below grade surface
mg/kg: milligrams per kilogram
BTEX: sum of bezene, toluene, ethylbenzene, xylenes
TPH: total petroleum hydrocarbons
GRO: gasoline range organics
DRO: diesel range organics
MRO: motor oil range organics

Table 3. Topsoil Sample Results
Release Closure Criteria (19.15.17.13.H(3) NMAC)

Sample ID	Sample Date	Depth of Sample (feet bgs)	Method 300.0	Method USDA 20B	Method 8021B		Method 8015D			
			Cl-	SAR	BTEX	Benzene	GRO	DRO	MRO	Total TPH
			mg/kg	--	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
OCD Reclamation Criteria			600	--	--	--	--	--	--	--
TS-1	7/18/2024	0-4'	<60	0.29	<0.211	<0.023	<4.7	<9.5	<48	<62.2
TS-2	7/18/2024	0-4'	<60	0.51	<0.220	<0.024	<4.9	<9.4	<47	<61.3
TS-3	7/18/2024	0-4'	<60	0.17	<0.220	<0.024	<4.9	<8.6	<43	<56.5

TS : Topsoil Sample
SAR: Sodium Adsorption Ratio
bgs: below grade surface (composite sample)
mg/kg - milligrams per kilogram
BTEX - sum of bezene, toluene, ethylbenzene, xylenes
TPH - total petroleum hydrocarbons
GRO - gasoline range organics
DRO - diesel range organics
MRO - motor oil range organics

Table 4
Release Closure Criteria

Devon Energy Production Company
Campana 2M State #001

Site Information (19.15.29.11.A(2, 3, and 4) NMAC)		Source/Notes
Depth to Groundwater (feet bgs)	233	New Mexico Office of the State Engineer
Hortizontal Distance From All Water Sources Within 1/2 Mile (ft)	2,770	New Mexico Office of the State Engineer
Hortizontal Distance to Nearest Significant Watercourse (ft)	5,540	United States Geological Survey Topo Map

Closure Criteria (19.15.29.12.C(4) and Table 1 NMAC)						
Depth to Groundwater		**Closure Criteria (units in mg/kg)**				
		Chloride *numerical limit or background, whichever is greater	**TPH**	**GRO + DRO**	**BTEX**	**Benzene**
< 50' BGS		600	100		50	10
51' to 100'		10,000	2,500	1,000	50	10
>100'	X	20,000	2,500	1,000	50	10
Surface Water	**yes or no**	**If yes, then**				
<300' from continuously flowing watercourse or other significant watercourse?	no	600	100		50	10
<200' from lakebed, sinkhole or playa lake?	no					
Water Well or Water Source						
<500 feet from spring or a private, domestic fresh water well used by less than 5 households for domestic or stock watering purposes?	no					
<1,000' from fresh water well or spring?	no					
Human and Other Areas						
<300' from an occupied permanent residence, school, hospital, institution or church?	no					
within incorporated municipal boundaries or within a defined municipal fresh water well field?	no					
<100' from wetland?	no					
within area overlying a subsurface mine	no					
within an unstable area?	**yes**					
within a 100-year floodplain?	no					

Table 5
Burial Trench Closure Criteria

Devon Energy Production Company
Campana 2M State #001

Site Information (19.15.17.13 Table II NMAC)		Source/Notes
Depth to Groundwater (feet bgs)	233	New Mexico Office of the State Engineer
Horizontal Distance From All Water Sources Within 1/2 Mile (ft)	2,770	New Mexico Office of the State Engineer
Horizontal Distance to Nearest Significant Watercourse (ft)	5,540	United States Geological Survey Topo Map

Closure Criteria (19.15.17.13 Table II NMAC)						
Depth below bottom of pit to groundwater less than 10,000 mg/L TDS		**Closure Criteria (units in mg/kg)**				
		Chloride *numerical limit or background, whichever is greater	**TPH**	**GRO + DRO**	**BTEX**	**Benzene**
25' to 50'		20,000	100		50	10
51' to 100'		40,000	2,500	1,000	50	10
>100'	X	80,000	2,500	1,000	50	10

Siting Criteria for In-Place Closure of Burial Trench (Subsection C of 19.15.17.11 NMAC)		
Groundwater		**If yes, then no burial trench allowed or request a variance.**
<25' from below the bottom of the buried waste	no	The former reserve pit and burial trench is located in an area of high karst potential. Variance was requested. Refer to April 2023 Closure Plan for variance request.
Surface Water		
<100' from continuously flowing watercourse or other significant watercourse?	no	
<200' from lakebed, sinkhole or playa lake?	no	
Water Well or Water Source		
<300 feet from spring or a private, domestic fresh water well used by less than 5 households for domestic or stock watering purposes?	no	
Human and Other Areas		
<300' from an occupied permanent residence, school, hospital, institution or church?	no	
within incorporated municipal boundaries or within a defined municipal fresh water well field?	no	
<300' from wetland?	no	
within area overlying a subsurface mine	no	
within an unstable area?	yes	
within a 100-year floodplain?	no	

APPENDIX A

OCD Forms C-144 and C-105

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

Form C-144
Revised October 11, 2022

Pit, Below-Grade Tank, or Proposed Alternative Method Permit or Closure Plan Application

Type of action:
- ☐ Below grade tank registration
- ☐ Permit of a pit or proposed alternative method
- ☒ Closure of a pit, below-grade tank, or proposed alternative method
- ☐ Modification to an existing permit/or registration
- ☐ Closure plan only submitted for an existing permitted or non-permitted pit, below-grade tank, or proposed alternative method

Instructions: Please submit one application (Form C-144) per individual pit, below-grade tank or alternative request

Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.

1.
Operator: Earthstone Operating, LLC OGRID #: 331165
Address: 333 West Sheridan Avenue, Oklahoma City, OK 73102
Facility or well name: Campana 2M State #001
API Number: 30-015-31725 OCD Permit Number: _____
U/L or Qtr/Qtr M Section 2 Township 24S Range 26E County: Eddy
Center of Proposed Design: Latitude 32.241337 Longitude -104.270502 NAD83
Surface Owner: ☐ Federal ☒ State ☐ Private ☐ Tribal Trust or Indian Allotment

2.
☐ **Pit:** Subsection F, G or J of 19.15.17.11 NMAC
Temporary: ☐ Drilling ☐ Workover
☐ Permanent ☐ Emergency ☐ Cavitation ☐ P&A ☐ Multi-Well Fluid Management Low Chloride Drilling Fluid ☐ yes ☐ no
☐ Lined ☐ Unlined Liner type: Thickness _____mil ☐ LLDPE ☐ HDPE ☐ PVC ☐ Other _____
☐ String-Reinforced
Liner Seams: ☐ Welded ☐ Factory ☐ Other _____ Volume: _____bbl Dimensions: L_____ x W_____ x D_____

3.
☐ **Below-grade tank:** Subsection I of 19.15.17.11 NMAC
Volume: _____bbl Type of fluid: _____
Tank Construction material: _____
☐ Secondary containment with leak detection ☐ Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off
☐ Visible sidewalls and liner ☐ Visible sidewalls only ☐ Other _____
Liner type: Thickness _____mil ☐ HDPE ☐ PVC ☐ Other _____

4.
☒ **Alternative Method:** Request for closure of a burial trench (Subsection K of 19.15.17.11 NMAC).
Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

5.
Fencing: Subsection D of 19.15.17.11 NMAC *(Applies to permanent pits, temporary pits, and below-grade tanks)* NA
☐ Chain link, six feet in height, two strands of barbed wire at top *(Required if located within 1000 feet of a permanent residence, school, hospital, institution or church)*
☐ Four foot height, four strands of barbed wire evenly spaced between one and four feet
☐ Alternate. Please specify_____

6.
Netting: Subsection E of 19.15.17.11 NMAC *(Applies to permanent pits and permanent open top tanks)* NA

☐ Screen ☐ Netting ☐ Other_____

☐ Monthly inspections (If netting or screening is not physically feasible)

7.
Signs: Subsection C of 19.15.17.11 NMAC NA

☐ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers

☐ Signed in compliance with 19.15.16.8 NMAC

8.
Variances and Exceptions:
Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance. Burial trench to be located in an area of high karst potential.

Please check a box if one or more of the following is requested, if not leave blank:

☒ Variance(s): Requests must be submitted to the appropriate division district for consideration of approval.

☐ Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

9.
Siting Criteria (regarding permitting): 19.15.17.10 NMAC

Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. **Siting criteria does not apply to drying pads or above-grade tanks.**

General siting	
Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank. - ☒ NM Office of the State Engineer - iWATERS database search; ☐ USGS; ☐ Data obtained from nearby wells	☐ Yes ☒ No ☐ NA
Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit . NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☒ No ☐ NA
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. **(Does not apply to below grade tanks)** - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☒ No
Within the area overlying a subsurface mine. **(Does not apply to below grade tanks)** - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☒ No
Within an unstable area. **(Does not apply to below grade tanks)** - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	☒ Yes ☐ No
Within a 100-year floodplain. **(Does not apply to below grade tanks)** - FEMA map	☐ Yes ☒ No
Below Grade Tanks	
Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Temporary Pit using Low Chloride Drilling Fluid (maximum chloride content 15,000 mg/liter) Within 100 feet of a continuously flowing watercourse, or any other significant watercourse or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). (Applies to low chloride temporary pits.) - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a occupied permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 200 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 300feet of any other fresh water well or spring, in existence at the time of the initial application. NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No

Within 100 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Temporary Pit Non-low chloride drilling fluid	
Within 300 feet of a continuously flowing watercourse, or any other significant watercourse, or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 500 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 1000 feet of any other fresh water well or spring, in the existence at the time of the initial application; - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Permanent Pit or Multi-Well Fluid Management Pit	
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 500 horizontal feet of a spring or a fresh water well used for domestic or stock watering purposes, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No

10.

Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC

Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

☐ Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
☐ Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC
☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
☐ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
☐ Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

☐ Previously Approved Design (attach copy of design) API Number: _____ or Permit Number: _____

11.

Multi-Well Fluid Management Pit Checklist: Subsection B of 19.15.17.9 NMAC

Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

☐ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
☐ A List of wells with approved application for permit to drill associated with the pit.
☐ Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
☐ Hydrogeologic Data - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC

☐ Previously Approved Design (attach copy of design) API Number: _____ or Permit Number: _____

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12.
Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- ☐ Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC
- ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- ☐ Climatological Factors Assessment
- ☐ Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Quality Control/Quality Assurance Construction and Installation Plan
- ☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- ☐ Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Nuisance or Hazardous Odors, including H_2S, Prevention Plan
- ☐ Emergency Response Plan
- ☐ Oil Field Waste Stream Characterization
- ☐ Monitoring and Inspection Plan
- ☐ Erosion Control Plan
- ☐ Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

13.
Proposed Closure: 19.15.17.13 NMAC
Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.

Type: ☐ Drilling ☐ Workover ☐ Emergency ☐ Cavitation ☐ P&A ☐ Permanent Pit ☐ Below-grade Tank ☐ Multi-well Fluid Management Pit ☒ Alternative

Proposed Closure Method: ☐ Waste Excavation and Removal
☐ Waste Removal (Closed-loop systems only)
☒ On-site Closure Method (Only for temporary pits and closed-loop systems)
☐ In-place Burial ☒ On-site Trench Burial
☐ Alternative Closure Method

14.
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) ***Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.***

- ☒ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☒ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.13 NMAC
- ☐ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings) NA
- ☒ Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☒ Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☒ Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

15.
Siting Criteria (regarding on-site closure methods only): 19.15.17.10 NMAC
Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria require justifications and/or demonstrations of equivalency. Please refer to 19.15.17.10 NMAC for guidance.

Ground water is less than 25 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☒ No ☐ NA
Ground water is between 25-50 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☒ No ☐ NA
Ground water is more than 100 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☒ Yes ☐ No ☐ NA
Within 100 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☒ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☒ No
Within 300 horizontal feet of a private, domestic fresh water well or spring used for domestic or stock watering purposes, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	☐ Yes ☒ No
Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☒ No
Within 300 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☒ No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance	

adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☒ No
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☒ No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	☒ Yes ☐ No
Within a 100-year floodplain. - FEMA map	☐ Yes ☒ No

16.
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) ***Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.***

- ☒ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- ☒ Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection E of 19.15.17.13 NMAC
- ☒ Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection K of 19.15.17.11 NMAC
- ☐ Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.11 NMAC NA
- ☒ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☒ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☒ Waste Material Sampling Plan - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☐ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved) NA
- ☒ Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☒ Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☒ Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

17.
~~Operator Application Certification~~:

I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.

Name (Print): ____Jim Raley_____ Title: ____Environmental-Devon Energy_____

Signature: Jim Raley _____ Date: _____2/11/2025_____

e-mail address:_____jim.raley@dvn.com_____ Telephone: _____575-689-7597_____

18.
OCD Approval: ☐ Permit Application (including closure plan) ☐ Closure Plan (only) ☐ OCD Conditions (see attachment)

OCD Representative Signature: Joel Stone **Approval Date:** ___02/14/2025_____

Title: ___Environmental Scientist & Specialist-A_____ **OCD Permit Number:**_____Number 1_____

19.
Closure Report (required within 60 days of closure completion): 19.15.17.13 NMAC

Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed.

☒ **Closure Completion Date:** January 13, 2025

20.
Closure Method:

☐ Waste Excavation and Removal ☒ On-Site Closure Method ☐ Alternative Closure Method ☐ Waste Removal (Closed-loop systems only)

☐ If different from approved plan, please explain.

21.
Closure Report Attachment Checklist: ***Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached.***

- ☒ Proof of Closure Notice (surface owner and division)
- ☐ Proof of Deed Notice (required for on-site closure for private land only) NA
- ☒ Plot Plan (for on-site closures and temporary pits) see Form C-105
- ☒ Confirmation Sampling Analytical Results (if applicable)
- ☒ Waste Material Sampling Analytical Results (required for on-site closure)
- ☐ Disposal Facility Name and Permit Number NA
- ☒ Soil Backfilling and Cover Installation
- ☒ Re-vegetation Application Rates and Seeding Technique
- ☒ Site Reclamation (Photo Documentation)

On-site Closure Location: Latitude 32.241520 Longitude -104.270532 NAD: ☐ 1927 ☒ 1983

22.

~~Operator Closure Certification~~:
I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.

Name (Print): _____Jim Raley_____ Title: _____Environmental-Devon Energy_____

Signature:_____ Date: _____02/11/2025_____

e-mail address:_____jim.raley@dvn.com_____ Telephone: _____575-689-7597_____

Santa Fe Main Office Phone: (505) 476-3441 Fax: (55) 476-3462 General Information Phone: (505) 629-6116 Online Phone Directory Visit:	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	C-105 Revised July 9, 2024 Submit Electronically Via OCD Permitting

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Section 1 - Operator and Well Information

Submittal Type: ☐ New Well ☐ Workover ☐ Deepening ☐ Plugback ☐ Different Reservoir ☒ C-144 Closure Attachment ☐ Other	
Operator Name: Earthstone Operating, LLC	OGRID: 331165
Property Name and Well Number: Campana 2M State #001	Property Code:
Mineral Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal	API Number: 30-015-31725
Pool Name:	Pool Code:

Section 2 – Well Location

	UI or lot no.	Section	Township	Range	Lot Id	Feet from	N/S Line	Feet from	E/W Line	County
SHL:		02	24S	26E		660	S	660	W	Eddy
BHL										

Section 3 – Completion Information

Date T.D. Reached	Total Measured Depth of Well	Acid Volume (bbls)	☐ Directional Survey Submitted ☐ Deviation Survey Submitted
Date Rig Released	Plug-Back Measured Depth	Completion Fluid Used (bbls)	Were Logs Ran (Y/N)
Completion Date	Perforations (MD and TVD)	Completion Proppant Used (lbs)	List Type of Logs Ran if applicable:

Section 4 – Action IDs for Submissions and Order Numbers

Surface Casing Action ID:	UIC Permit/Order (UIC wells only) ☐Yes ☐No, Order No.
Intermediate 1 Casing Action ID:	NOI Recomplete Action ID (if applicable):
Intermediate 2 Casing Action ID:	NOI Plugback Action ID (if applicable):
Production Casing Action ID:	Cement Squeeze Action ID (if applicable):
Tubing Action ID:	All casing was pressure tested in accordance with NMAC ☐Yes ☐No
Liner 1 Action ID:	Casing was installed prior to Action ID system (Y/N):

Section 5 – Test Data

Date First Production	Production Method	Well Status	Gas – Oil Ratio
Date of Test	Choke Size	Flowing Tubing Pressure	Casing Pressure
24 hr Oil (bbls)	24 hr Gas (MCF)	24 hr Water (bbls)	Oil Gravity - API
Disposition of Gas:			

Section 6 – Pits

☒ A temporary pit was used at the well. If so, attach a plat with the location of the temporary pit. See attached plat.
☐ A Closed Loop System was used.
☒ If an on-site burial was used at the well, report the exact location of the on-site burial:
LAT: 32.241520 LONG: -104.270510

Section 7 - Operator Signature and Certification

☐ I hereby certify that the required Water Use Report has been, or will be, submitted for this well's completion.
☐ I hereby certify that the required Fracfocus disclosure has been, or will be, submitted for this well's completion.
☑ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Name: Jim Raley

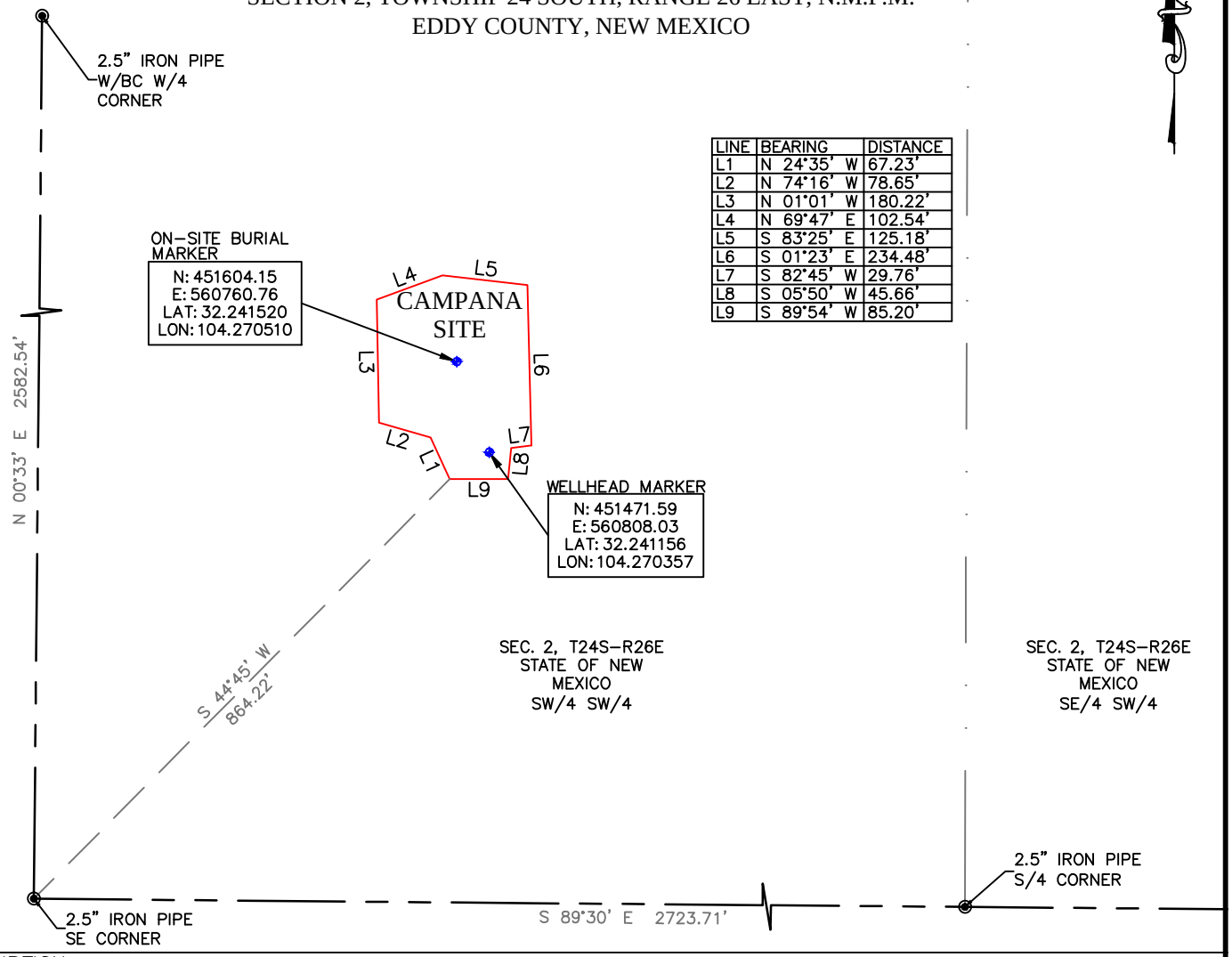
Title	Date
Environmental - Devon	2-11-2025

South Formations			
Formation/Zone	MD	TVD	W/O/G
T. Anhy			
T. Salt			
B. Salt			
T. Yates			
T. 7 Rivers			
T. Queen			
T. Grayburg			
T. San Andres			
T. Glorieta			
T. Yeso			
T. Paddock			
T. Blinebry			
T.Tubb			
T. Drinkard			
T. Abo			
T. Wolfcamp			
T. Penn			
T. Cisco			
T. Canyon			
T. Strawn			
T. Atoka			
T. Morrow			
T. Barrnett Shale			
T. Miss			
T. Woodford Shale			
T. Devonian			
T. Silurian			
T. Fusselman			
T. Montoya			
T. Simpson			
T. McKee			
T. Waddell			
T. Connel			
T. Ellenburger			
T. Gr. Wash			
T. Delaware Sand			
T. Lamar Lime			
T. Bell Canyon			
T. Cherry Canyon			
T. Brushy Canyon			
T. Bone Springs			
T. 1st BS Sand			
T. 2nd BS Carbonate			
T. 2nd BS Sand			
T. 3rd BS Carbonate			
T. 3rd BS Sand			

North Formations			
Formation/Zone	MD	TVD	W/O/G
T. San Jose			
T. Nacimento			
T. Ojo Alamo			
T. Kirtland			
T. Fruitland			
T. Pictured Cliffs			
T. Lewis Shale			
T. Chacra			
T. Cliff House			
T. Menefee			
T. Point Lookout			
T. Mancos			
T. Gallup			
T. Greenhorn			
T. Graneros			
T. Dakota			
T. Morrison			
T. Bluff			
T.Todilto			
T. Entrada			
T. Wingate			
T. Chinle			
T. Permian			
T. Penn A"			
T. Penn. "B"			
T. Penn. "C"			
T. Penn. "D"			
T. Leadville			
T. Madison			
T. Elbert			
T. McCracken			
T. Ignacio Otzte			
T. Granite			
T. Hermosa			
T. De Chelly			
T. Pinkerton			

CAMPANA SITE

DEVON ENERGY PRODUCTION COMPANY, L.P.
IN THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER (SW/4 SW/4)
SECTION 2, TOWNSHIP 24 SOUTH, RANGE 26 EAST, N.M.P.M.
EDDY COUNTY, NEW MEXICO



LINE	BEARING	DISTANCE
L1	N 24°35' W	67.23'
L2	N 74°16' W	78.65'
L3	N 01°01' W	180.22'
L4	N 69°47' E	102.54'
L5	S 83°25' E	125.18'
L6	S 01°23' E	234.48'
L7	S 82°45' W	29.76'
L8	S 05°50' W	45.66'
L9	S 89°54' W	85.20'

DESCRIPTION

BEING A RECLAIMED SITE EASEMENT LYING IN THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER (SW/4 SW/4) OF SECTION 2, TOWNSHIP 24 SOUTH, RANGE 26 EAST N.M.P.M., EDDY COUNTY, NEW MEXICO.

BEGINNING AT THE SOUTHWEST CORNER OF SAID SITE EASEMENT, WHERE A 2.5" IRON PIPE W/BC FOR THE SOUTHWEST CORNER OF SECTION 2, TOWNSHIP 24 SOUTH, RANGE 26 EAST N.M.P.M. BEARS S 44°45' W, A DISTANCE 864.22';

THENCE N 24°35' W, A DISTANCE 67.23 FEET TO AN ANGLE POINT; THENCE N 74°16' W, A DISTANCE 78.65 FEET TO AN ANGLE POINT; THENCE N 01°01' W, A DISTANCE 180.22 FEET TO THE NORTHWEST CORNER OF THIS EASEMENT; THENCE N 69°47' E, A DISTANCE 102.54 FEET TO AN ANGLE POINT;
THENCE S 83°25' E, A DISTANCE 125.18 FEET TO THE NORTHEAST CORNER OF THIS EASEMENT; THENCE S 01°23' E, A DISTANCE 234.48 FEET TO AN ANGLE POINT; THENCE S 82°45' W, A DISTANCE 29.76 FEET TO AN ANGLE POINT; THENCE S 05°50' W, A DISTANCE 45.66 FEET TO THE SOUTHEAST CORNER OF THIS EASEMENT;
THENCE S 89°54 W A DISTANCE OF 85.20 FEET TO THE POINT OF BEGINNING, CONTAINING 1.28 ACRES.

GENERAL NOTES:

1.) THE INTENT OF THIS SURVEY IS TO ACQUIRE A BUSINESS LEASE FOR THE PURPOSE OF A RECLAIMED SITE.

2.) All bearings recited herein are based on the New Mexico State Plane Coordinate System, NAD 83, New Mexico East Zone 3001, US Survey Feet, all distances are grid.

I, ALBERT R. DEHOYOS, New Mexico PS No. 23261, hereby certify this survey to reflect an actual survey made on the ground under my supervision. This survey meets the minimum standards for surveying in New Mexico.

ALBERT R. DEHOYOS NEW MEXICO 23261 PROFESSIONAL SURVEYOR

Albert R. DeHoyos PS #23261
Horizonrow, LLC
Date Signed: 01-20-2025
P.O. Box 548, Dry Creek, La.
(575) 748-5555 70637
Employee of Horizonrow, LLC

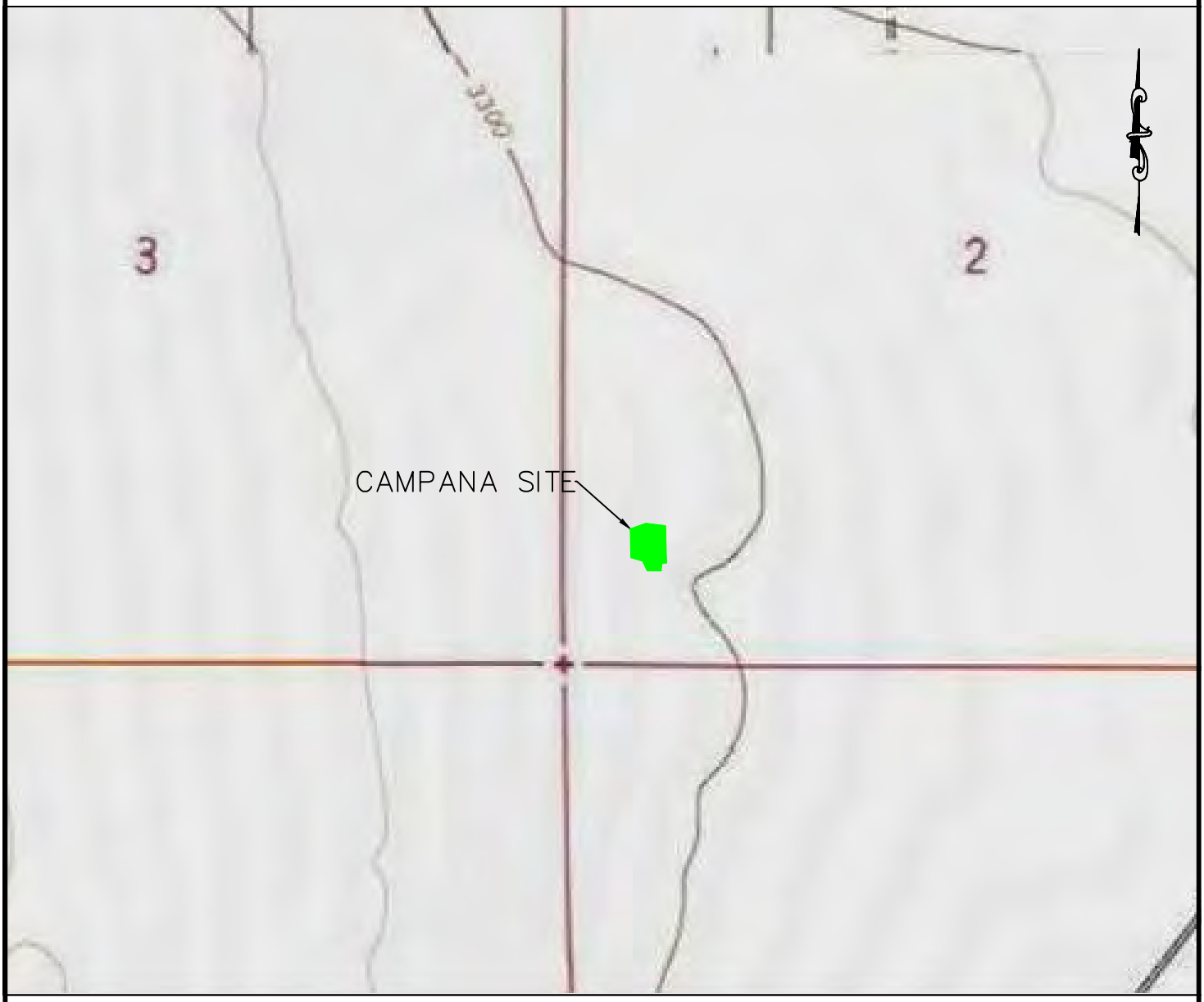
DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF HWY-62 AND BLACK RIVER VILLAGE ROAD, HEAD NORTHEAST ON HWY-62 FOR 1.1 MILES. TURN RIGHT ONTO AN EXISTING ACCESS ROAD AND HEAD EAST FOR 0.9 OF A MILE. AT THE FORK IN THE ROAD BARE LEFT AND HEAD NORTHEAST FOR 0.8 OF A MILE. TURN RIGHT AND HEAD EAST ONTO AN EXISTING ACCESS ROAD FOR 0.8 OF A MILE TO THE SOUTHWEST CORNER OF THE EXISTING PAD SITE.

0 250 500

HORIZON ROW LLC Drawn for: devon	DEVON ENERGY PRODUCTION COMPANY, L.P. CAMPANA SITE	SITE NUMBER: WBS NUMBER: SCALE: 1" = 250'
Drawn by: C.MAAS Date: 01/18/2025	SURVEY PLAT SHOWING A RECLAIMED SITE ON THE PROPERTY OF THE STATE OF NEW MEXICO	REVISIONS: DATE OF SURVEY: 01/2025

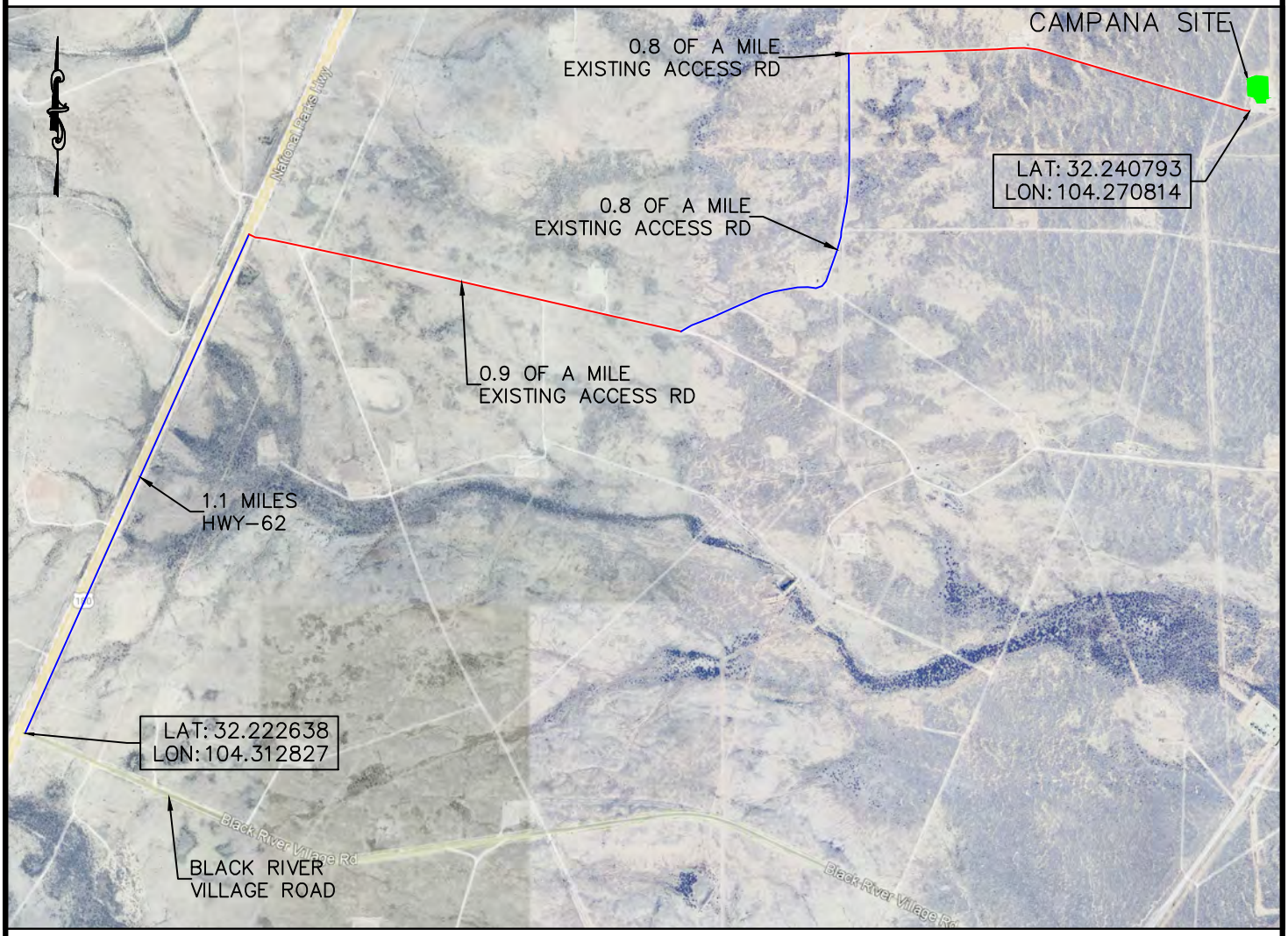
SECTION 2, TOWNSHIP 24 SOUTH, RANGE 26 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
LOCATION VERIFICATION MAP



0 1000 2000

HORIZON ROW LLC	Drawn for: devon
DEVON ENERGY PRODUCTION CO., L.P.	
Drawn by: C.MAAS	Date: 01/18/2025

SECTION 2, TOWNSHIP 24 SOUTH, RANGE 26 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
AERIAL ACCESS ROUTE MAP



FROM THE INTERSECTION OF HWY-62 AND BLACK RIVER VILLAGE ROAD, HEAD NORTHEAST ON HWY-62 FOR 1.1 MILES. TURN RIGHT ONTO AN EXISTING ACCESS ROAD AND HEAD EAST FOR 0.9 OF A MILE. AT THE FORK IN THE ROAD BARE LEFT AND HEAD NORTHEAST FOR 0.8 OF A MILE. TURN RIGHT AND HEAD EAST ONTO AN EXISTING ACCESS ROAD FOR 0.8 OF A MILE TO THE SOUTHWEST CORNER OF THE EXISTING PAD SITE.

NOT TO SCALE

HORIZON ROW LLC	Drawn for:
DEVON ENERGY PRODUCTION CO., L.P.	devon
Drawn by: C.MAAS	Date: 01/18/2025

APPENDIX B

OCD and SLO Closure Requirements and Correspondence

OCD and SLO Requirements and Correspondence

The following sections briefly describe the actions taken to satisfy the measures required by NMAC.

1.0 Closure for Waste

The waste imported to the burial trench was closed in accordance with Subsection D of 19.15.17.13 NMAC. These measures and site application are described below:

Measure (Subsection D of 19.15.17.13 NMAC)	Implementation
NMOCD Approval: The operator shall not commence closure without first obtaining approval of the closure plan submitted with the permit application.	A Closure Plan received approval from NMOCD and from SLO on April 23, 2024.
Siting Criteria: The operator shall demonstrate and comply with the siting criteria set forth in Subsection C of 19.15.17.10 NMAC.	Refer to Table 5 for NMOCD Burial Trench Closure Criteria. A variance was requested for the high karst designation. To account for the high karst area with potential for unstable geologic conditions: (1) A karst monitor from Southwest Geophysical Consulting, Inc. (SGC) was present at all times during excavation activities. The monitor inspected the pit bottom as it was exposed, as well as the surrounding area for the development or potential for development of karst. Findings during excavation revealed no signs of karst formation, cavities, or unstable ground. Additionally, a karst survey was performed after the final excavation was achieved and prior to the liner installation. The karst survey revealed two anomalies within a close proximity of the excavation. SGC recommended no further soil excavation until a geophysical survey could confirm the anomalies and a BLM karst surveyor was present. (2) The installed liner material was a 30-mil thick, scrim reinforced linear low-density polyethylene (RPE) Dura-Skrim N30B. Properties of the RPE is such that it can conform to changes in base conditions. Should minor settling occur, the significantly elastic property of the RPE

	liner will conform without damaging the integrity of the liner. OCD and SLO approved the Closure Plan under the requested variance on April 23, 2024.
Removal of Free Liquids: Prior to closure, the operator shall remove all free liquids reasonably achievable from the pit and dispose of such liquids at a division approved facility.	No free liquids were discovered during excavation activities. A free liquids test was also performed on three composite soil samples. Results of the free liquids test were "negative" (i.e. free of liquid) for all three samples. The paint filter test results are summarized in Table 2 and a copy of the laboratory report is included in Appendix G.
Waste contents: When closing a temporary pit, the operator shall stabilize or solidify the remaining temporary pit contents to a capacity sufficient to support the final cover of the temporary pit. When transferring waste contents into a burial trench, the operator shall stabilize or solidify the waste contents to a capacity sufficient to support the final cover of the burial trench. The operator shall not mix soil with waste material at a ratio greater than 3:1. Waste mixture must pass the paint filter liquids test (EPA Method SW-846, Method 9095 or equivalent).	The impacted area was excavated until sidewalls and base confirmation samples met the Closure Criteria of Table I of 19.15.29.12 NMAC. The waste material was temporarily stockpiled on a liner onsite, then reburied within the geomembrane lined burial trench. The waste material transferred to the burial trench was be compacted in 6-8" lifts using heavy equipment to help prevent settling over time and the ground surface can support natural conditions and weight. Mixing of waste with clean soil was not performed. A paint filter liquids test via Method SW-846 was performed on the waste material. Results of the test were "negative" (i.e. free of liquid) for all three samples. A copy of the laboratory report is included in Appendix G.
Waste sample characterization: The operator shall collect, at a minimum, a five-point composite sample of the contents of the waste material to show compliance with Table II of 19.15.17.13 NMAC.	Samples for analysis were comprised of five-point composites and analyzed to demonstrate compliance with Table II of 19.15.17.13 NMAC. Composite samples were collected for every 1,000 cubic yards of impacted soil, for a total of 15 samples. Samples were analyzed under the following EPA Methods: • Chloride via EPA Method 300.0 • TPH via EPA Method 8015D • BTEX via EPA Method 8260B • Benzene via EPA Method 8260B Results indicated that all samples met the criteria listed in Table II of 19.15.17.13 NMAC. A

	summary of the results is provided in Table 2 within the Appendices, and laboratory reports are included in Appendix G.
Waste disposal into burial trench: If, after appropriate stabilization, the concentration of all contaminants are less than or equal to the parameters listed in Table II of 19.15.17.13 NMAC, the operator may proceed to dispose of the waste in the burial trench.	Laboratory results demonstrated that all samples were less than the concentration listed in Table II of 19.15.17.13 NMAC. Therefore, all of the excavated waste soil was placed within the burial trench.
For contaminant concentrations above standards: If the concentration of any contaminant in the contents, after mixing with soil or non-waste material to a maximum ratio of 3:1, is higher than constituent concentrations shown in Table II of 19.15.17.13 NMAC, then closure must proceed in accordance with Subsection C of 19.15.17.13 NMAC.	Waste soil contaminant concentrations did not exceed standards in Table II of 19.15.17.13 NMAC. Therefore, waste soil was not required to be disposed of at an off-site facility.
Final coverage: Upon achieving all applicable waste stabilization, the operator shall: (a) Fold the outer edges of the trench liner to overlap the waste material in the trench prior to the installation of the geomembrane cover. (b) Install a geomembrane cover of the waste material in the lined trench; the operator shall install the geomembrane cover in a manner that prevents the collection of infiltration water in the lined trench and on the geomembrane cover after the soil cover is in place; the geomembrane cover shall consist of a 20-mil string reinforced LLPDE liner or approved equivalent; the geomembrane cover shall be composed of an impervious, synthetic material that is resistant to petroleum hydrocarbons, salts and acidic and alkaline solutions; cover compatibility shall comply with EPA SW-846 Method 9090A. (c) Cover the trench with non-waste containing, uncontaminated, earthen materials and construct a soil cover prescribed by Paragraph (3) of Subsection H of 19.15.17.13 NMAC	The geomembrane final cover consists of the same RPE as the liner. The final cover and liner were welded together to prevent the collection of infiltration water in the lined trench and on the geomembrane cover. Following installation of the geomembrane cover, a four-foot-thick layer of uncontaminated/non-waste containing soil (topsoil) was placed over the cover.

2.0 Trench Design and Construction

The burial trench was designed and constructed for closure in accordance with 19.15.17.11 NMAC Part K NMAC. These measures and site applications are described below and detail the engineering measures to provide protection of groundwater, surface waters, water wells or water sources, and the other areas listed in NMOCD's siting criteria from the site contaminants of concern (i.e. chlorides). The lining material installed, Dura-Skrim N30B, has proven to be an excellent lining material in applications such as this given its durability, elasticity and chemical resistance.

Measure (19.15.17.11 NMAC Part K NMAC)	Implementation
Trench foundation and walls: A trench shall have a properly constructed foundation and side walls consisting of a firm, unyielding base, smooth and free of rocks, debris, sharp edges or irregularities to prevent the liner's rupture or tear.	Prior to commencing remediation activities, remaining equipment including the tanks, separator, and associated piping were removed from the location. The impacted area was excavated with spoils stockpiled on plastic liner onsite. The impacted area was sloped no steeper than 2.5:1 to a total depth of approximately 16.5 feet bgs in the central portion of the excavation. The subgrade upon which the RPE liner was placed was inspected and removed of large, sharp rocks, or other features that may have resulted in a torn or stressed liner. Once all of that material was removed, the bottom surface was drum rolled to a smooth, unyielding base for installation of the overlying RPE liner. Liner installation personnel inspected the soil surface prior to installation of the liner, and verified no objects remained in place that would affect the liner integrity. The edges of the liner were placed in an anchor trench, as shown in the Remediation Photolog (Appendix C, Photos #21 - #35).
Geotextile base: Geotextile is required under the liner where needed to reduce localized stress-strain or protuberances that may otherwise compromise the liner's integrity.	A geotextile cushion layer was not required based on the soil type present (silty loam) at the base of the excavation.
Geomembrane liner: A trench shall be constructed with a geomembrane liner, consisting of a 20-mil string reinforced LLDPE liner, or equivalent approved liner, composed of an impervious, synthetic material that is resistant to petroleum hydrocarbons, salts, acidic and alkaline solutions and compatible with EPA SW-846 Method 9090A.	The trench was lined with a 30-mil thick, scrim reinforced linear low-density polyethylene (RPE) Dura-Skrim N30B. A copy of the liner material product certification is provided in Appendix H.

Seams: The operator shall minimize liner seams and orient them up and down, not across, a slope. The operator shall use factory welded seams where possible. Prior to field seaming, the operator shall overlap liners four to six inches and orient liner seams parallel to the line of maximum slope. The operator shall minimize the number of field seams in corners and irregularly shaped areas. Qualified personnel shall perform field welding and testing.	The RPE geomembrane liner was delivered to the site in large factory-seamed panels, minimizing field seaming. Seams were oriented along the line of maximum slope. The material was installed by qualified and experienced personnel. Destruct seam samples were collected and laboratory analyzed for tear and sheer strength under ASTM D7747 standards. Laboratory results demonstrated passing numbers. A copy of the lab reports are included in Appendix H.
Liner material: The operator shall install sufficient liner material to reduce stress-strain on the liner.	The liner was installed at slopes no greater than 2.5:1 to reduce stress-strain on the liner.
Liner edges: The operator shall ensure that the outer edges of all liners are secured for the deposit of the excavated waste material into the trench.	The RPE liner was secured with an anchor trench, as shown in the Remediation Photolog (Appendix C, Photos #21 - #35).

3.0 Reclamation for Former Reserve Pit as Burial Trench

The former reserve pit site was reclaimed in accordance with Subsection H of 19.15.17.13 NMAC and SLO reclamation requirements and are described below.

Measure (Subsection H of 19.15.17.13 NMAC)	Implementation
Site contouring: Site contouring of the former pit and all associated areas, including access roads and affected adjacent areas to pre-undisturbed conditions. The operator shall restore, to the best extent possible, the impacted surface area to the condition that existed prior to oil and gas operations.	Site reclamation included the removal of all non-native caliche from the well pad and the associated lease road. The former access road was bermed at the entrance to discourage vehicles from entering the reclaimed areas. Seed was broadcast on the berm to encourage stabilization. Final site contouring matches the surrounding grade and directs runoff such that there is no pooling or unnatural flow patterns. Note that some settling may occur. Should reclamation inspections indicate too much settling, additional topsoil may be placed and seeded.
Soil cover: The soil cover shall consist of a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg per EPA Method 300.0. The soil cover shall include either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.	Soil cover from top of burial trench to ground surface is no less than 4 feet thick. Topsoil was imported to the site and distributed to a thickness not exceeding that of the surrounding undisturbed area. Nominal compaction of this upper 4 feet of soil was performed with construction equipment to minimize future settlement. Three representative, five-point composite samples of the topsoil were collected and analyzed to demonstrate that soil met the requirements of Paragraph (3) of Subsection H of 19.15.17.13 NMAC. Laboratory results demonstrated that chlorides (Method 300.0) were less than 600 mg/kg.
Soil cover grade: The soil cover shall be constructed to match the site's existing grade and prevent ponding of water and erosion of the cover material.	Erosion control measures included prompt revegetation with contouring the surface to limit opportunities for concentrated surface water flow.

Reclamation and Revegetation: (a) All areas disturbed by the closure shall be reclaimed as early and as nearly as practicable to their original condition or their final land use and shall be maintained to control dust and minimize erosion. (b) Topsoils and subsoils shall be placed in their original relative positions and contoured so as to achieve erosion control, long-term stability and preservation of surface water flow patterns. The disturbed areas shall be reseeded in the first favorable growing season following closure. (c) Reclamation shall be considered complete when a uniform vegetative cover has been established that reflects a life-form ratio of plus or minus 50% of predisturbed levels and at total percent plant cover of at least 70% of predisturbed levels, excluding noxious weeds. (d) Re-vegetation and reclamation obligation imposed by other applicable federal or tribal agencies on lands managed by those agencies shall supersede these provisions, provided that the other requirements provide equal or better protection of fresh water, human health, and environment. (e) The operator shall notify the division when reclamation and re-vegetation are complete. Alternative: The operator may propose an alternative to the re-vegetation requirement if the operator demonstrates to the appropriate district office that the alternative provides equal or better prevention of erosion, and protection of fresh water, public health, and the environment.	The reclaimed areas were cross-ripped to a minimum of 18 inches with furrow spacing of 2 feet. Per State Land Office and the known soils at the site, a loamy seed mixture was used for revegetation. The seed mixture was spread with a mechanical broadcaster at approximately 18.0 pure live seed (PLS) per acre. The application and component mixture of the seed mix are described in the Reclamation Activities Report (Appendix F). Reclamation activities were documented with photographs in landscape view and timestamped with GPS data. (Note: Additional photos were taken by Devon and Kelly Oilfield Services and were provided to SMA for documentation; however, those photos were not taken with timestamps or GPS.) The revegetated area will be monitored for natural life-forms including plant cover, until at least 70% representative coverage is achieved. Noxious weeds will be identified and treated by licensed contracted herbicide applicators or mechanically removed. Through site visits, noxious and invasive weeds will be identified, inventoried and treated by a licensed contracted herbicide applicator or mechanically removed. At a minimum, semi-annual inspections will be performed for the location until revegetation is consistent with local natural vegetation density. If the initial reclamation efforts are ultimately deemed unsuccessful, reclamation activities will be reevaluated. Soil amendments will be added as applicable, and reseeding will be performed in the first following favorable growing season. The operator will notify NMOCD and SLO when revegetation and reclamation are considered complete, including completion of the C-103 form, and a Final Reclamation Report and Reclamation Closure Request will be submitted to SLO. No alternatives were implemented or are currently proposed.

4.0 OCD Closure and Reclamation Requirements

The following measures were requested by OCD in an April 23, 2024 email correspondence. A copy of the correspondence is included in Attachment B.

Measure	Implementation
Within 60 days of closure completion, operator shall submit a closure report on form C-144 and plat of the pit location on form C-105.	Closure was considered complete on January 13, 2025 when all reclamation activities were complete and the steel marker was placed at the center of the burial trench. This report serves as the Closure Report. Information within the report describes the sampling results, information required by 19.15.17 NMAC, backfilling, capping and covering, and completed forms C-144 and C-105. A copy of the forms are included in Appendix A.
Operator shall report exact location of the onsite burial on form C-105.	The exact location of the onsite burial marker, recorded by a GPS unit, is located at **latitude 32.241520, and longitude -104.270532**, and is recorded on form C-105. A copy of form C-105 is included in Appendix A.
Operator shall place a steel marker at center of on-site burial.	The center of the onsite burial is located at **32.241520, -104.270532.** The onsite burial marker is a steel marker, placed three feet into the ground, cemented in place, and extends four feet above ground. The marker has a 4" x 4" plate, and includes the following information: Operator name: Chisolm Energy Production Lease name: Campana 2M State #001 Well number: 30-015-31725 PLSS location: M-02-24S-26E County: Eddy County, NM Designation: On-site Burial Photos of the burial marker are shown in Photos #43 - #44 in the Remediation Photolog (Appendix C) and Photos #11 - #12 in the Reclamation Photolog (Appendix F).

5.0 SLO Reclamation Requirements

The following measures were requested by SLO in an email correspondence from April 23, 2024 and September 26, 2023. A copy of the correspondence is included in Attachment B.

Measure	Implementation
Submission of a Remediation Closure Report.	This report serves as the Remediation Closure Report. The report was submitted to eco@slo.state.nm.us.
Submission of a Reclamation Activities Report.	A Reclamation Activities Report is included in Appendix F. The report was submitted to eco@slo.state.nm.us.
Seed mix shall be a SLO-approved seed mix for loamy sites.	The seed mix applied was a SLO loamy site seed mixture. A photo showing the seed mixture is shown in Photo #10 in the Reclamation Photolog (Appendix F).

From: Venegas, Victoria, EMNRD
To: jim.raley@dvn.com; Stephanie Hinds
Cc: tknight
Subject: [EXTERNAL]30-015-31725 CAMPANA 2M STATE #001 Application ID: 332430.
Date: Tuesday, April 23, 2024 11:30:45 AM
Attachments: C-144 30-015-31725 CAMPANA 2M STATE #001 04.23.2024.pdf

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30-015-31725 CAMPANA 2M STATE #001 Application ID: 332430.

Good afternoon Mr. Raley.

NMOCD has reviewed the Closure Plan submitted by [246289] WPX Energy Permian, LLC/Devon on 04/11/2024, Application ID 332430, for a reserve pit associated with 30-015-31725 CAMPANA 2M STATE #001 [332515] in M-02-24S-26E, Eddy County, NM. This closure plan is approved with the following conditions of approval:

19.15.17.13 CLOSURE AND SITE RECLAMATION REQUIREMENTS:

- Within 60 days of closure completion, the operator shall submit a closure report on form C-144, with necessary attachments to document all closure activities including sampling results; information required by 19.15.17 NMAC; and details on back-filling, capping and covering, where applicable. In the closure report, the operator shall certify that all information in the report and attachments is correct, and that the operator has complied with all applicable closure requirements and conditions specified in the approved closure plan. If the operator used a temporary pit, the operator shall provide a plat of the pit location on form C-l 05 within 60 days of closing the temporary pit.

- If the operator elects to conduct onsite burial under Subsection D of 19.15.17.13 NMAC, the operator shall report the exact location of the onsite burial on form C-105 filed with the division.

- The operator shall place a steel marker at the center of an onsite burial. The steel marker shall be not less than four inches in diameter and shall be cemented in a three-foot deep hole at a minimum. The steel marker shall extend at least four feet above mean ground level and at least three feet below ground level. The operator’s name, lease name and well number and location, including unit letter, section, township and range, and that the marker designates an onsite burial location shall be welded, stamped or otherwise permanently engraved into the metal of the steel marker. A person shall not build permanent structures over an onsite burial without the appropriate division district office's written approval. A person shall not remove an onsite burial marker without the division's written permission.

Please let me know if you have any additional questions.
Regards,

Victoria Venegas ● Environmental Specialist
Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave. Artesia, NM 88210
(575) 909-0269 | Victoria.Venegas@emnrd.nm.gov
https://www.emnrd.nm.gov/ocd/



From: Knight, Tami C.
To: Stephanie Hinds; Erin Berry
Cc: Heltman, Elaine G.; Biernoff, Ari
Subject: [EXTERNAL]WPX Campana #2 Workplan
Date: Tuesday, September 26, 2023 12:34:26 PM
Attachments: NMSLO Seed Mixes.pdf

SMA Team

The revised workplan includes the same remediation process that was previously approved by ECO. However, I did notice the workplan still states reseeding with a BLM seed mix. I have attached the catalog of approved seed mixes for use in southeast New Mexico. They are based on soil types which SMA has identified the soil type as a loam, so the Loam mix would likely be most appropriate. ECO wants to makes sure this condition of approval is noted for the subject workplan.

Thank you

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

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From: Knight, Tami C.
To: Raley, Jim
Cc: Stephanie Hinds; Biernoff, Ari; Heltman, Elaine G.
Subject: RE: [EXTERNAL] Campana 2M State #001 update_Approved
Date: Tuesday, April 23, 2024 1:31:24 PM
Attachments: image009.png
image011.png
image012.png

Jim

The pit remediation and reclamation plan for the subject site was received from your office on April 11, 2024. The NMSLO Environmental Compliance Office (ECO) has reviewed the plan and has determined that the remediation and reclamation plan is complete. Lessee and/or their contractor are responsible for ensuring the project manager and field personnel performing the work follow the approved work plan.

ECO agrees with NMOCD conditions of approval.

Please submit a Remediation Closure Report and Reclamation Activities Report to eco@slo.state.nm.us once the earthwork has been completed. The report should include several photographs documenting the remediation and reclaim of the subject site.

We appreciate the efforts being taken to reclaim State Trust Land.

Thank you,

Environmental Compliance Office
Surface Resources Division
eco@slo.state.nm.us
nmstatelands.org

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From: Raley, Jim <Jim.Raley@dvn.com>

Sent: Thursday, April 11, 2024 10:49 AM
To: Knight, Tami C. <tknight@slo.state.nm.us>
Cc: Stephanie Hinds <stephanie.hinds@soudermiller.com>
Subject: RE: [EXTERNAL] Campana 2M State #001 update

Tami,
Please find attached closure plan for the Campana 2M State. This was submitted to NMOCD on 4/11/2024.

PO Number: 0N4YO-240411-C-144T

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



From: Raley, Jim <Jim.Raley@dvn.com>
Sent: Tuesday, April 9, 2024 8:09 AM
To: Knight, Tami C. <tknight@slo.state.nm.us>
Subject: Re: [EXTERNAL] Campana 2M State #001 update

Tami,
Will submit later in week.

Jim Raley - Enviro Professional
Permian Basin - Devon Energy
575-689-7597

From: Knight, Tami C. <tknight@slo.state.nm.us>
Sent: Tuesday, April 9, 2024 7:57:16 AM
To: Raley, Jim <Jim.Raley@dvn.com>
Subject: [EXTERNAL] Campana 2M State #001 update

Jim

Will you please provide an update on the subject site. ECO is still waiting on a revised workplan and the last word from OCD is that an agreement was reached on a path forward.

Thank you

Tami Knight, CHMM
Environmental Specialist
NMSLO SRD-ECO
505.670.1638
tknight@slo.state.nm.us
nmstatelands.org

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From: Stephanie Hinds
To: Venegas, Victoria, EMNRD; Knight, Tami C.
Cc: jim.raley@dvn.com; Monica Peppin
Subject: Field Work Notification: Campana 2M State #001
Date: Thursday, July 11, 2024 11:40:00 AM
Attachments: [EXTERNAL]30-015-31725 CAMPANA 2M STATE #001 Application ID_ 332430..pdf
image001.png
image002.png
image003.png
image004.png
Campana 2M State #1_Reserve Pit Closure Plan FINAL 2024.04.11_APPROVED.pdf

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Hello Victoria and Tami,

This email is to notify you that we plan to begin field work next Tuesday, July 16, for the Campana 2M State #001. Field work for the site is implementation of the Burial Trench Closure Plan. Attached is OCD's approval letter and the Closure Plan. Please see attached site information.

Please let me know if you have any questions.

Thanks,

SMA Since 1985
Stronger Communities by Design
www.soudermiller.com

Stephanie Hinds, P.E.
Senior Engineer

Direct/Mobile: 505.793.7079
Office: 505.302.1127

112 W. Montezuma Ave, Suite 3
Cortez, CO 81321

P.E. licensed in CO & NM

Corporate Registrations: AZ Engineering/Geology/Surveying Firm (14070), FL Engineering Firm (34203), ID Engineering/Surveying Firm (C-3564), ND Engineering Firm (28545PE), OK Engineering Firm (8498), SD Surveying Firm (C-7436), TX Engineering Firm (8877), TX Geology Firm (50254), TX Surveying Firm (10162200), WY Engineering/Surveying Firm (S-1704)

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Souder, Miller & Associates♦201 S. Halagueno St.♦Carlsbad, NM 88220

June 8, 2023;
revised April 3, 2024

SMA Project No. 5E29549-BG4

Devon Energy Production Company
Mr. Jim Raley
5315 Buena Vista Drive
Carlsbad, NM 88220

SUBJECT: Burial Trench Closure Plan for the Former Reserve Pit at Campana 2M State #001, Eddy County, New Mexico

Dear Mr. Raley:

Souder, Miller & Associates (SMA) has prepared this Closure Plan for the brine impacted soils related to the former reserve pit located at the Campana 2M State #001 site. The reserve pit was installed in the early 2000s as part of drilling for natural gas in the Morrow formation. This former reserve pit was established before the current 19.15.17 New Mexico Administrative Code (NMAC) regulations for *Pits, Closed-Loop Systems, Below Grade Tanks and Sumps* came into effect. As such, the original design and construction of the pit did not adhere to design and construction specifications (19.15.17.11 NMAC).

The former reserve pit is classified as a *burial trench*, therefore, reburial activities will adhere to 19.15.17.11 NMAC Part K, and closure and reclamation activities will adhere to 19.15.17.13 NMAC Parts D and H, respectively. Additionally, reclamation and restoration of the former reserve pit location will adhere to standards set by the New Mexico State Land Office (SLO) and 19.2.10.28 NMAC.

The site located is in Unit M, Section 2, Township 24S, Range 26E, within Eddy County, New Mexico, on State Trust land. Sheets 1 and 2 illustrate the vicinity and site location on a United State Geological Service (USGS) 7.5-minute quadrangle map and aerial photograph, respectively.

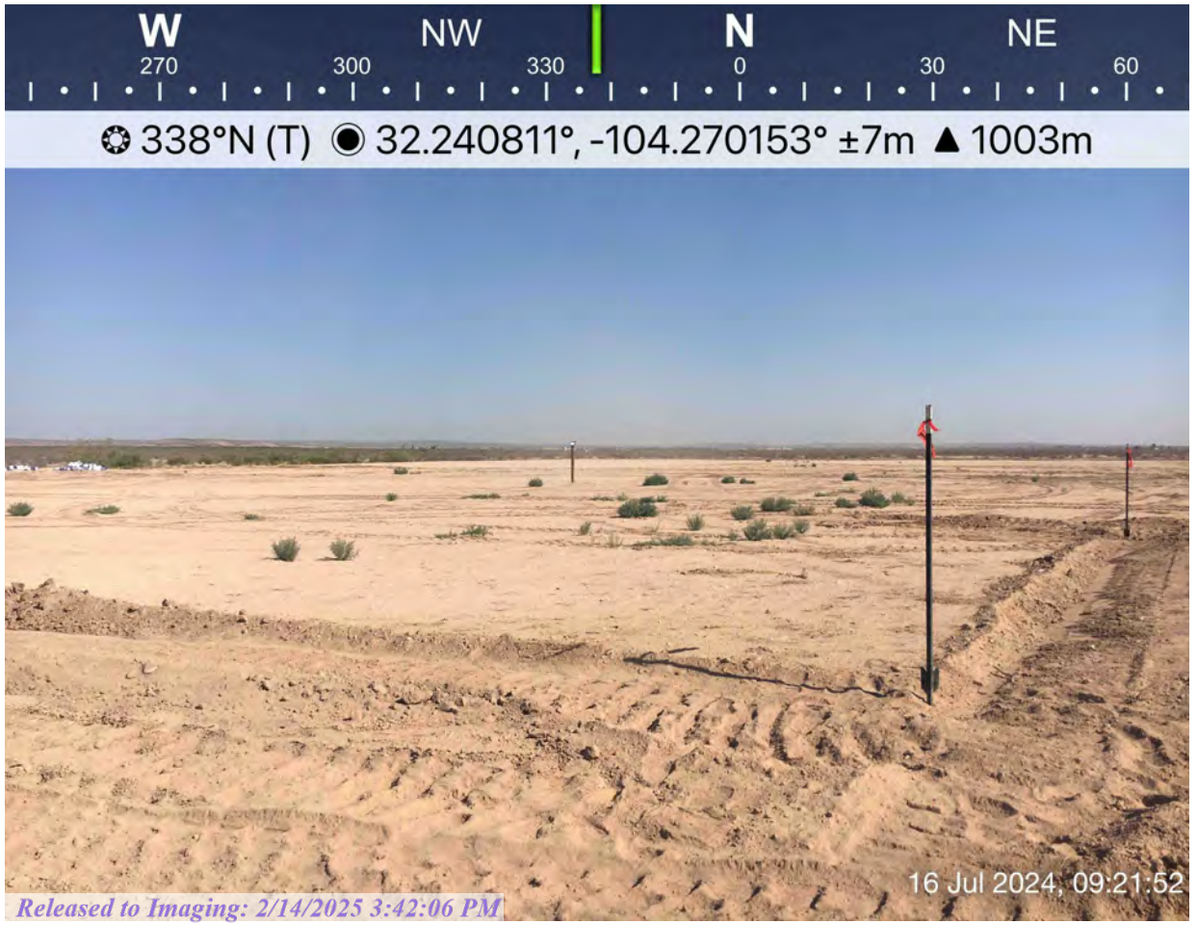
Table 1 summarizes information regarding the site.

Table 1: Site Information			
Name	Campana 2M State #001	Operator	Chisholm Energy Production
API Number	30-015-31725	Location	Unit M, Section 2 of Township 24S, Range 26E Eddy County, NM
OGRID	6137 166431	GPS coordinates	32.241337, -104.270502
Land Owner	State Trust	NMOCD Release Closure Criteria (19.15.29.12.C(4) and Table I)	>100 ft
Lease ID	GS11530000	NMOCD Burial Trench Closure Criteria (19.15.17.11.C and Table II)	>100 ft

APPENDIX C
Remediation Photolog



Photograph #1: Dryhole marker plaque on site with lease information.



Photograph #2: Marking extents of pit area with T-posts and paint for excavation guidance.



Photograph #3: Excavation where wellhead and monument are located.



Photograph #4: Continued excavation around wellhead monument and rathole.



Photograph #5: Exposure of wellhead casing marked for excavation.



Photograph#6: Exposing wellhead and rathole during excavation.



Photograph #7: Wellhead and rathole casing capped and welded at 4 feet bgs.



Photograph #8: Liner used for stockpiling of contaminated soil.



Photograph #9: Start of contaminated soil stockpile on liner stockpile.



Photograph #10: Excavation activities and equipment.

Released to Imaging: 2/14/2025 3:47:06 PM



Photograph #11: Contaminated soil from reserve pit and stockpiles in background.



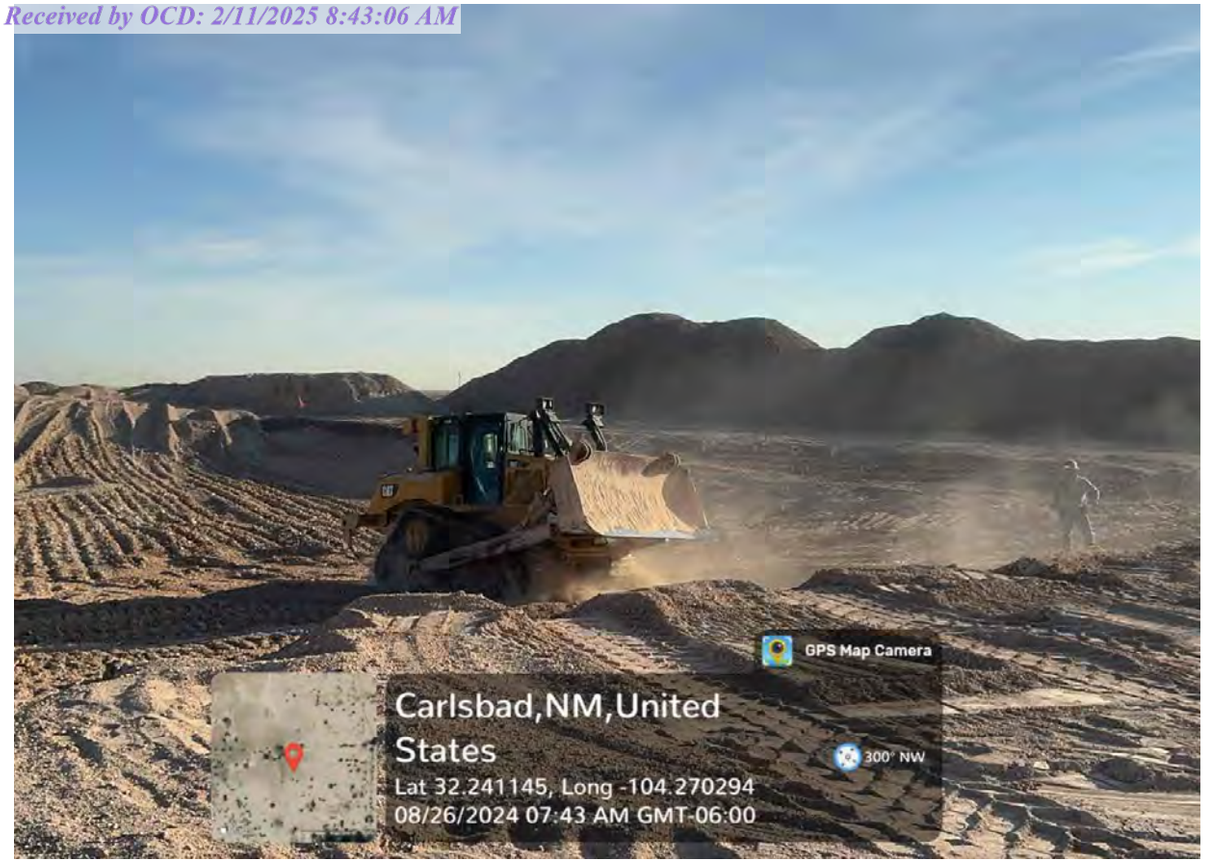
Photograph #12: Excavation activities and stockpiling of contaminated soils.



Photograph #13:
Excavation and spoil piles.



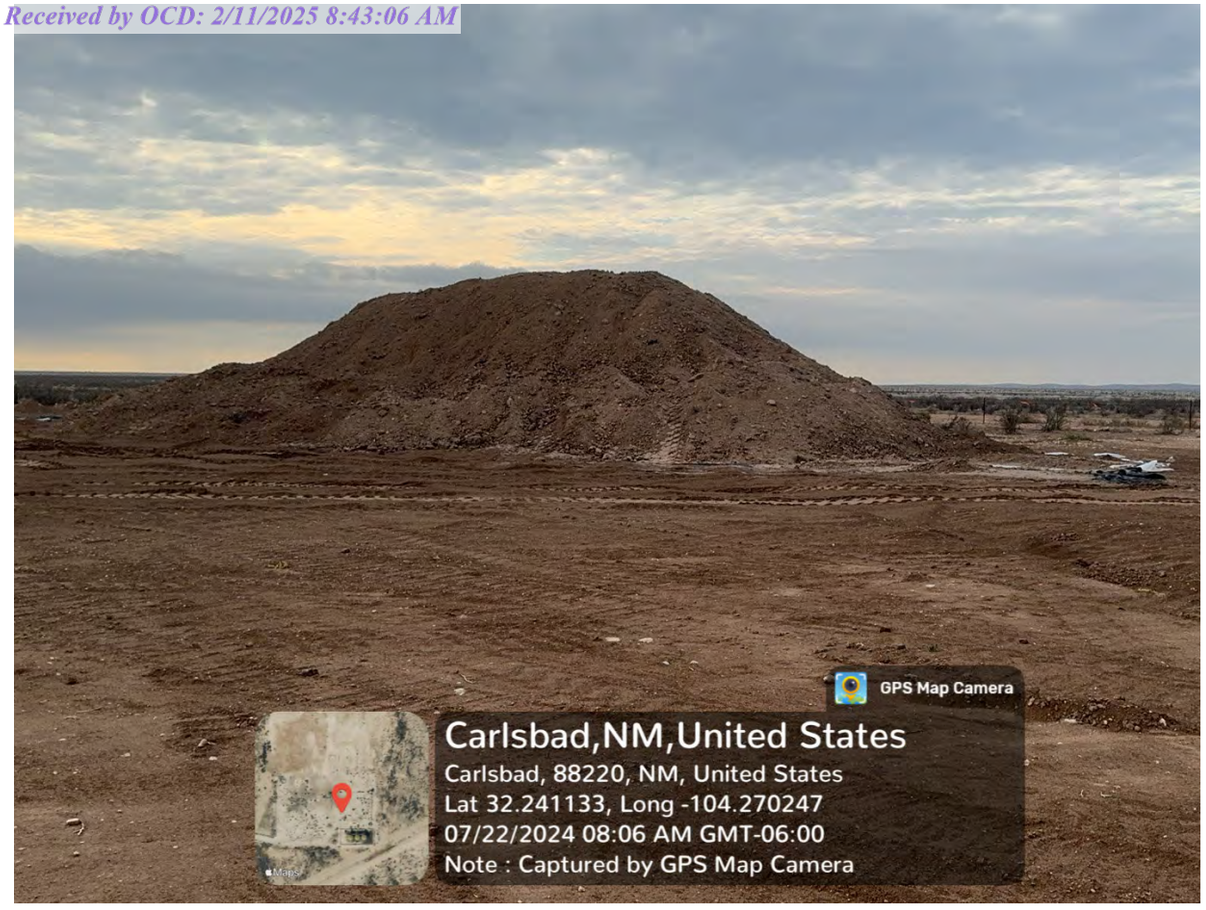
Photograph #14:
Excavation area taken from northwest corner.



Photograph #15: Dozer scraping contaminated soil.



Photograph #16: Close up of discolored soil within excavation area.



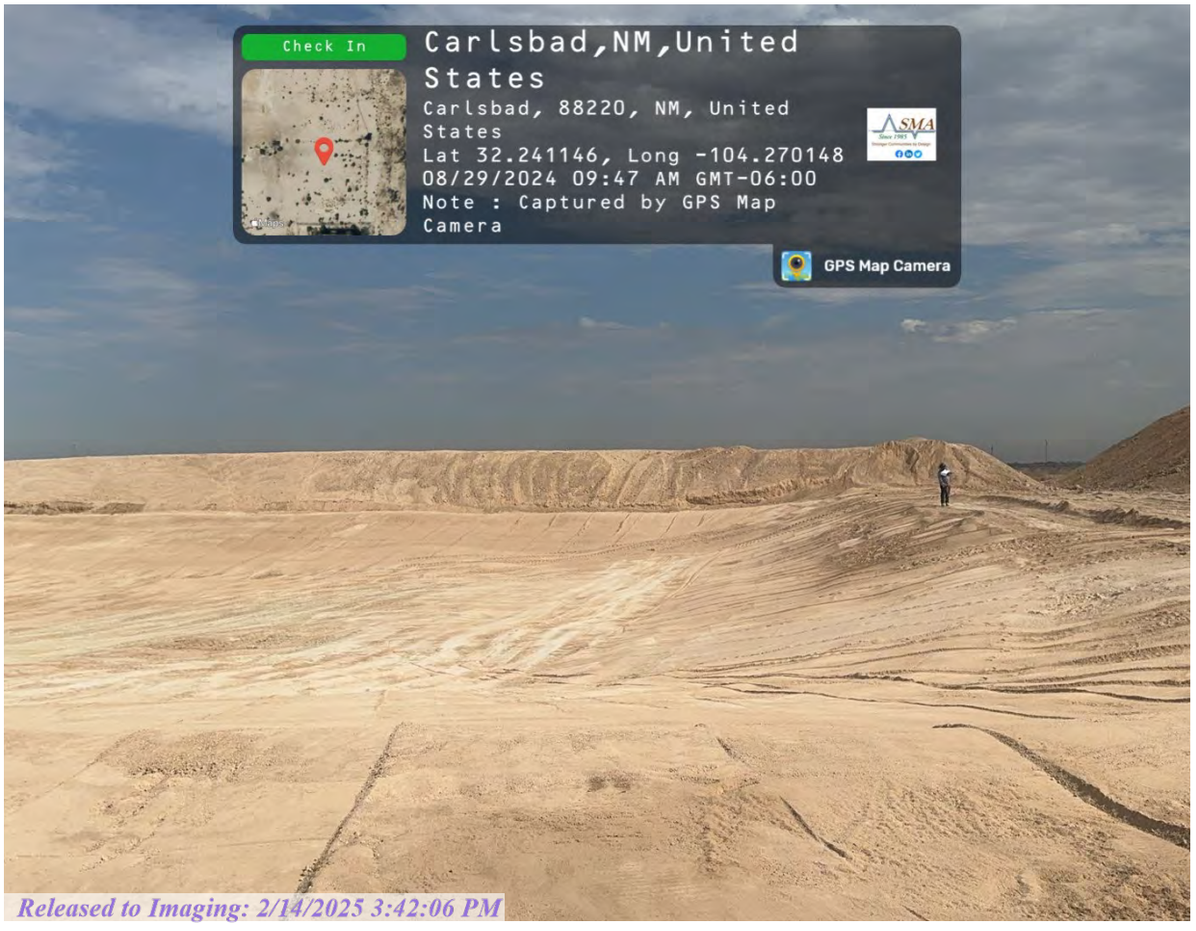
Photograph #17: Stockpile of contaminated soil.



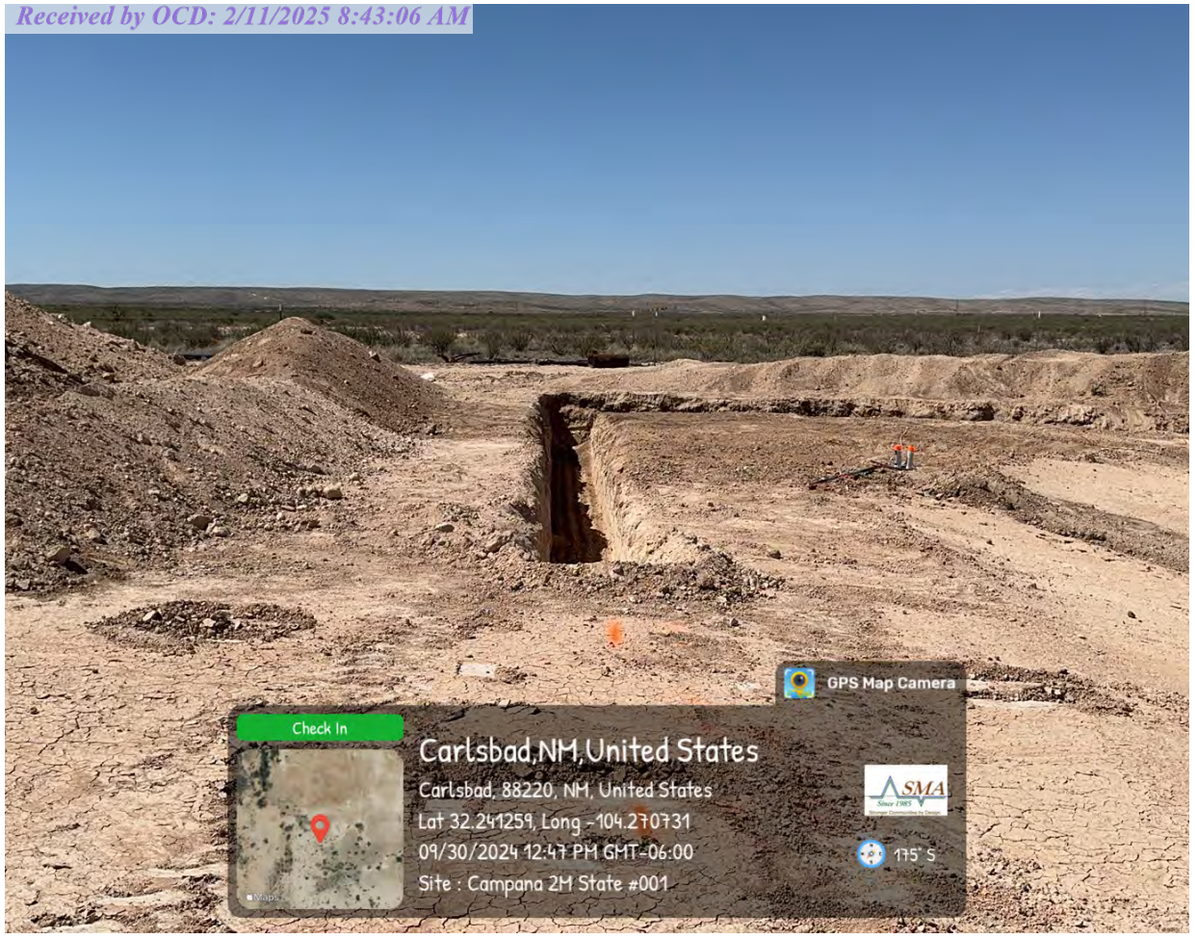
Photograph #18: Continued excavation of reserve pit.



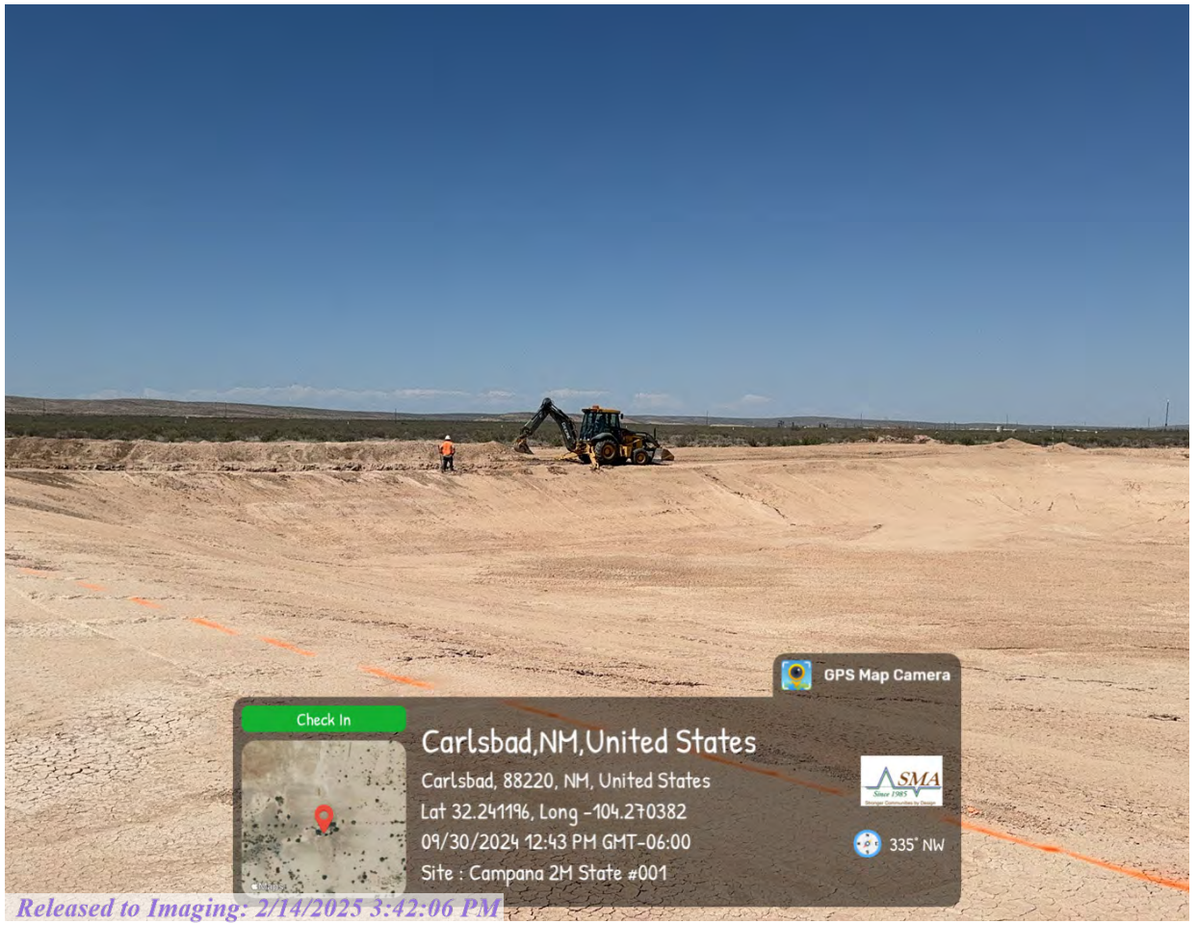
Photograph #19:
Exacavation being prepped for liner installation.



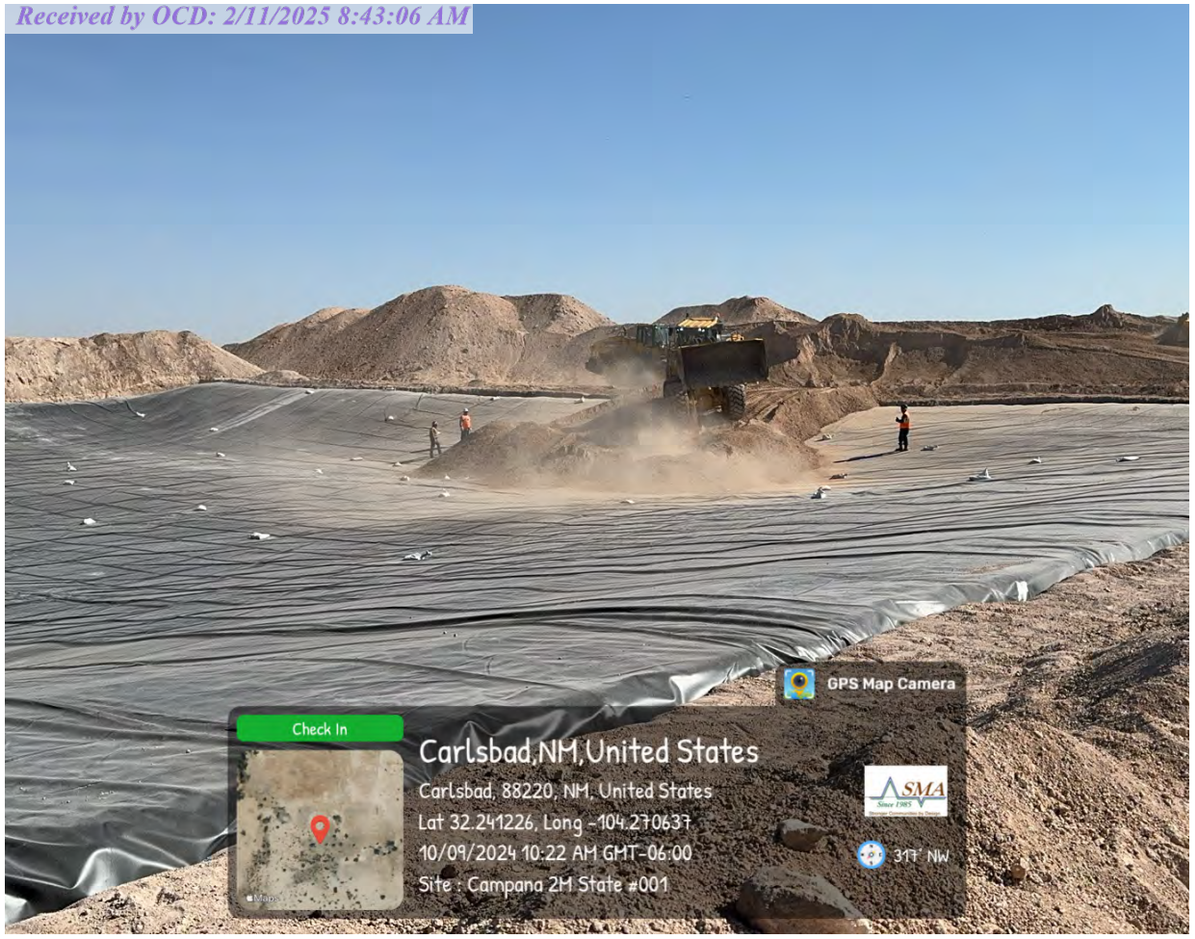
Photograph #20:
Excavation being prepped for liner installation.



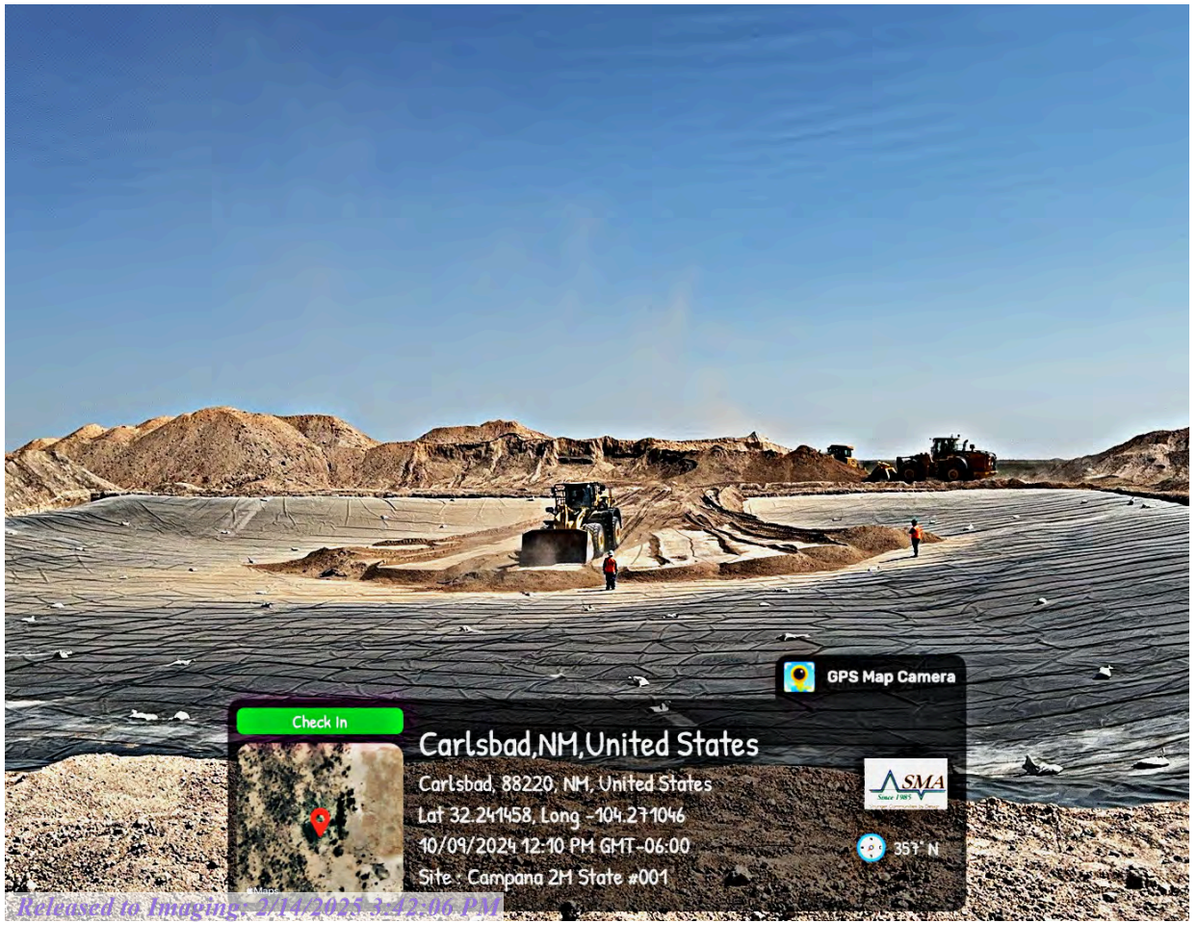
Photograph # 21: Excavation of trench for liner installation.



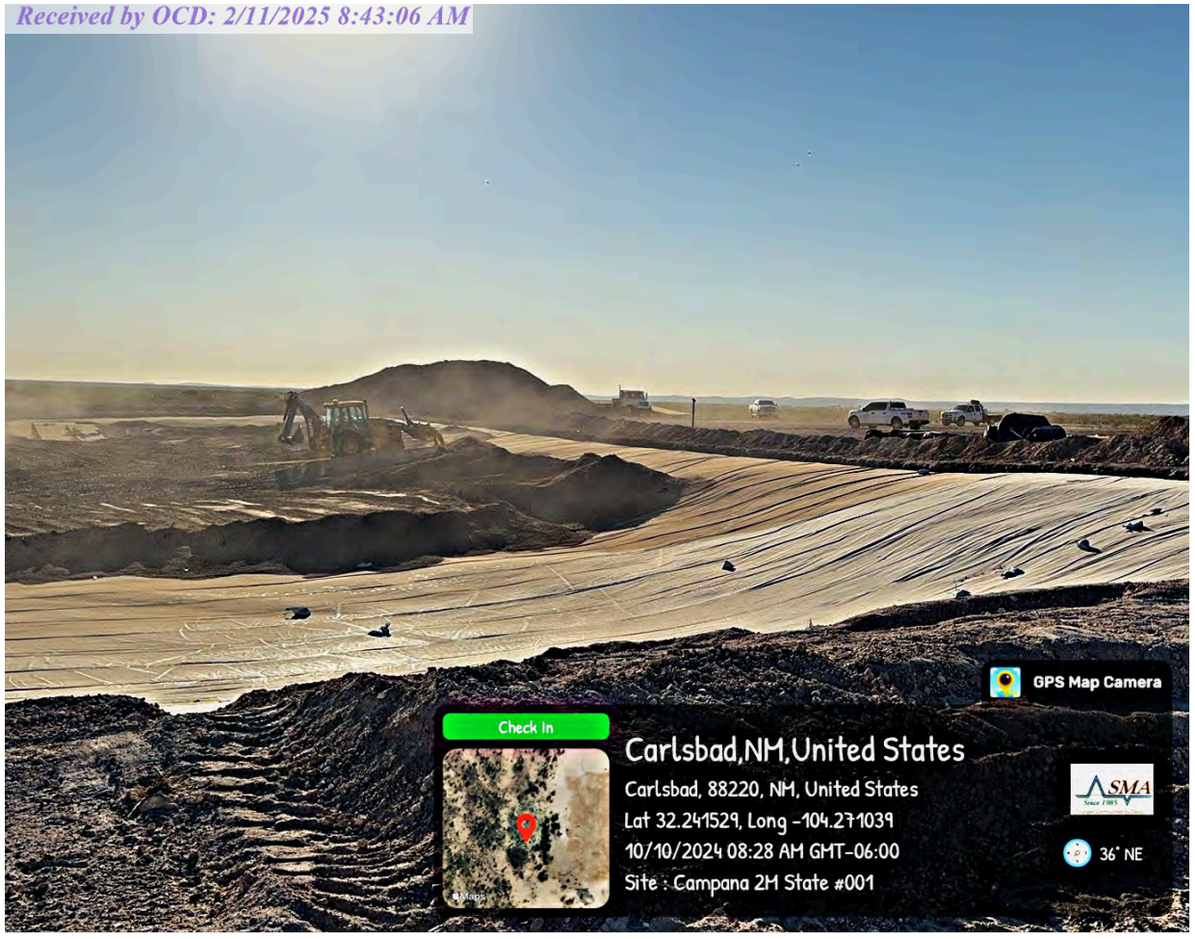
Photograph #22: Excavation of trench for liner installation.



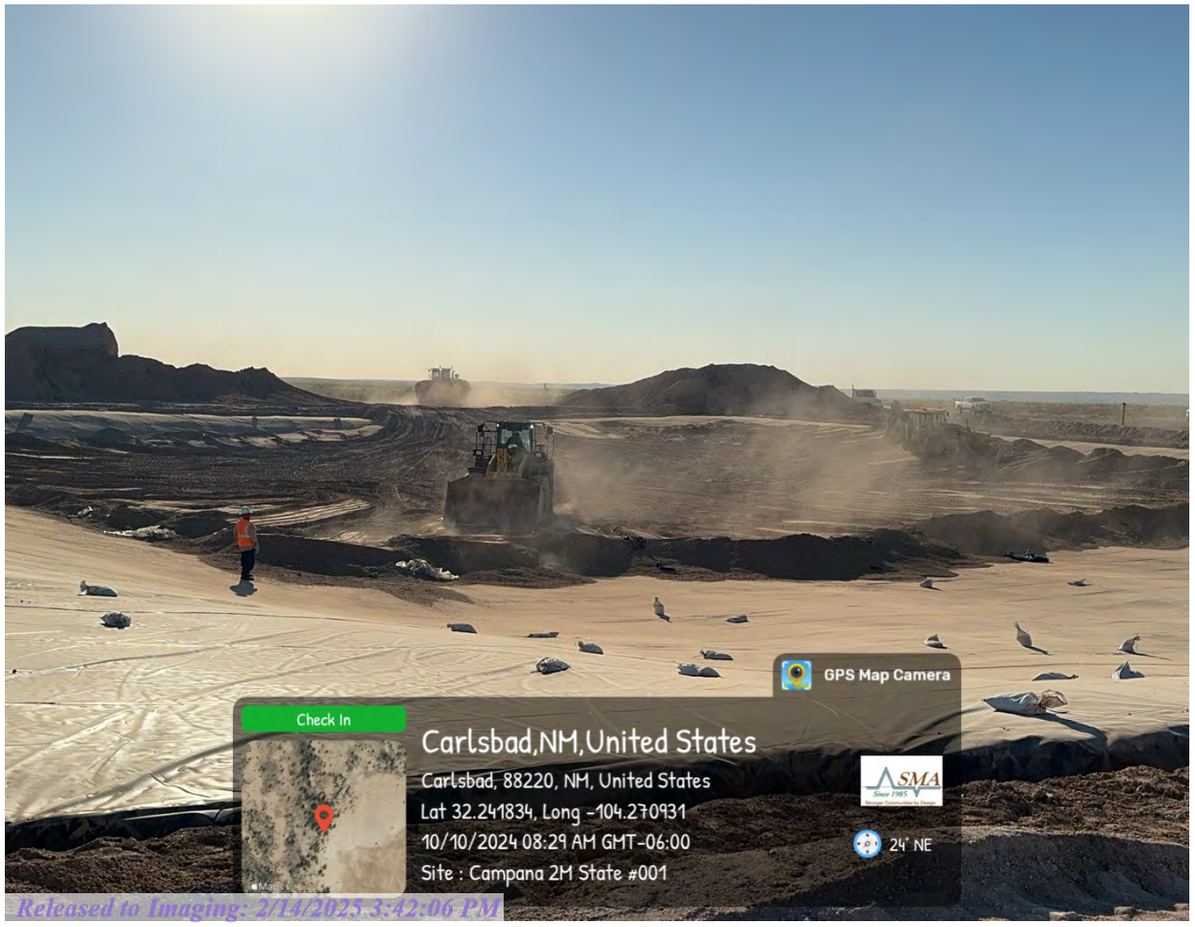
Photograph #23: Start of backfill into lined excavation.



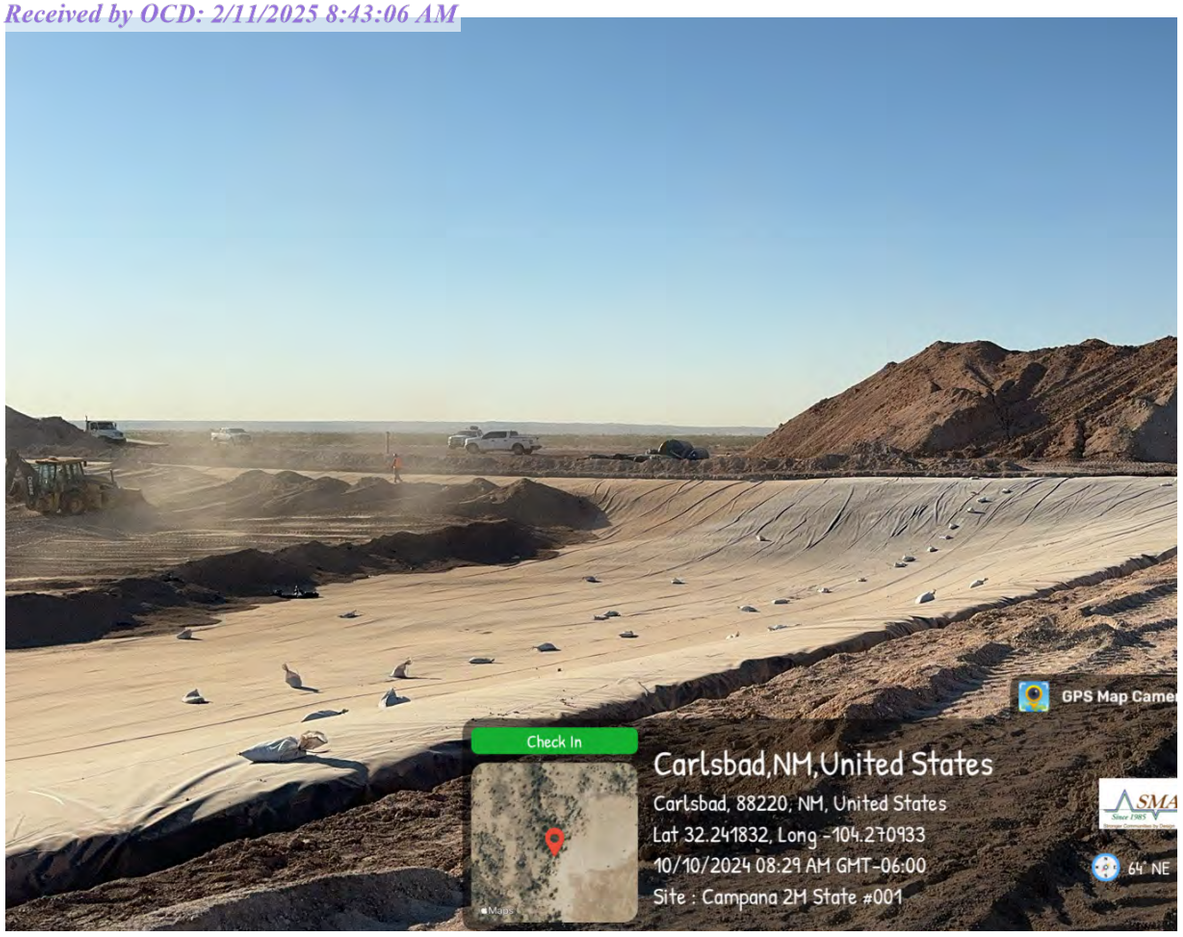
Photograph #24: Progress of backfill into excavation.



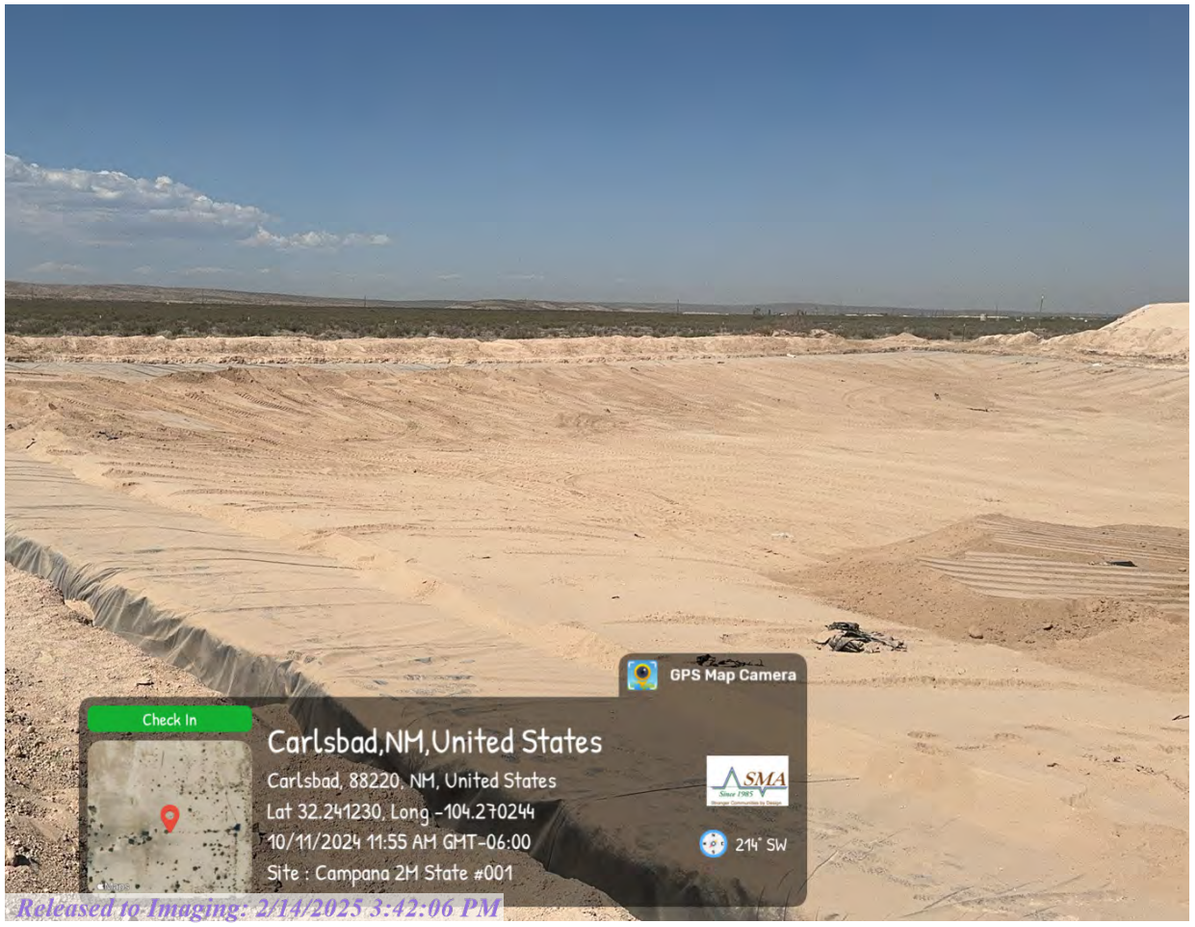
Photograph #25:
Continuance of backfill.



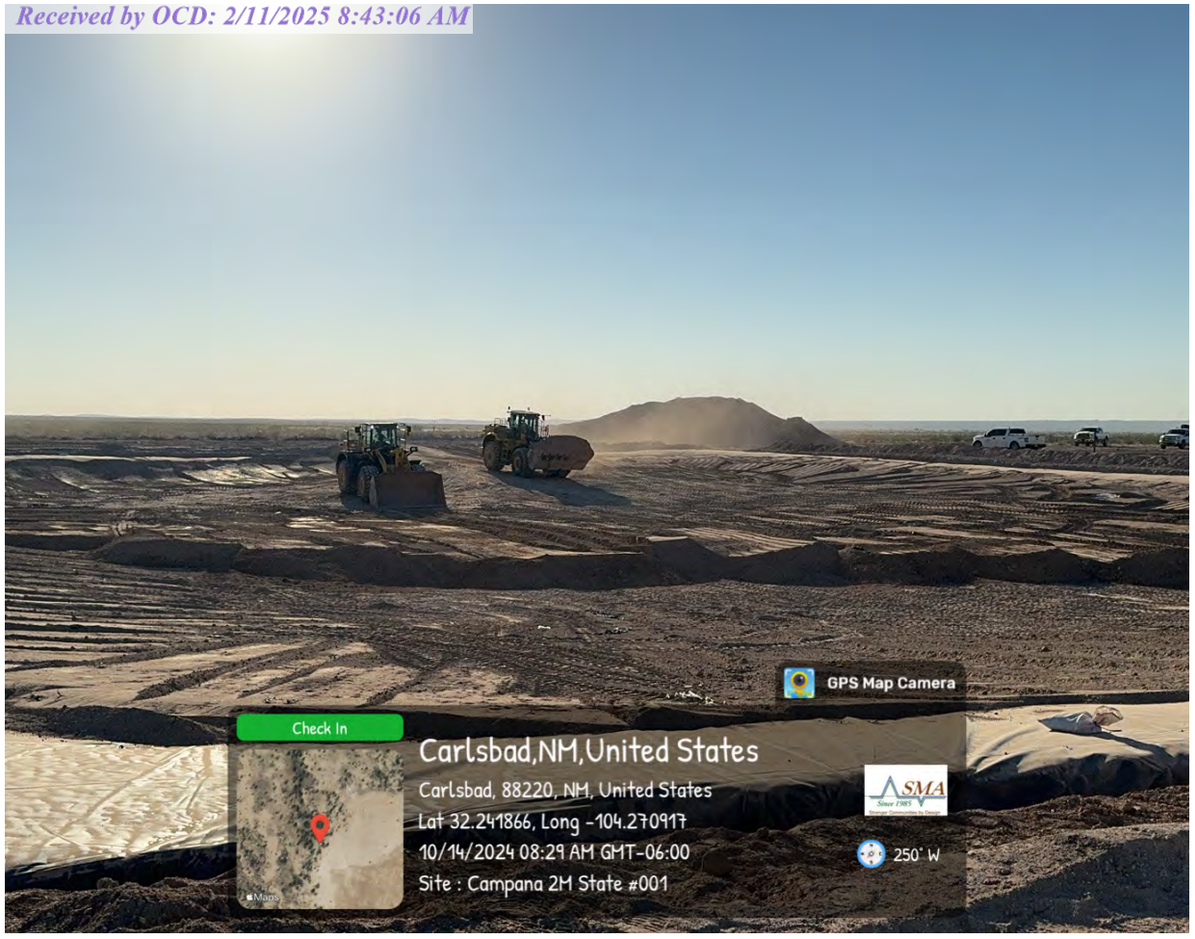
Photograph #26:
Continuance of backfill.



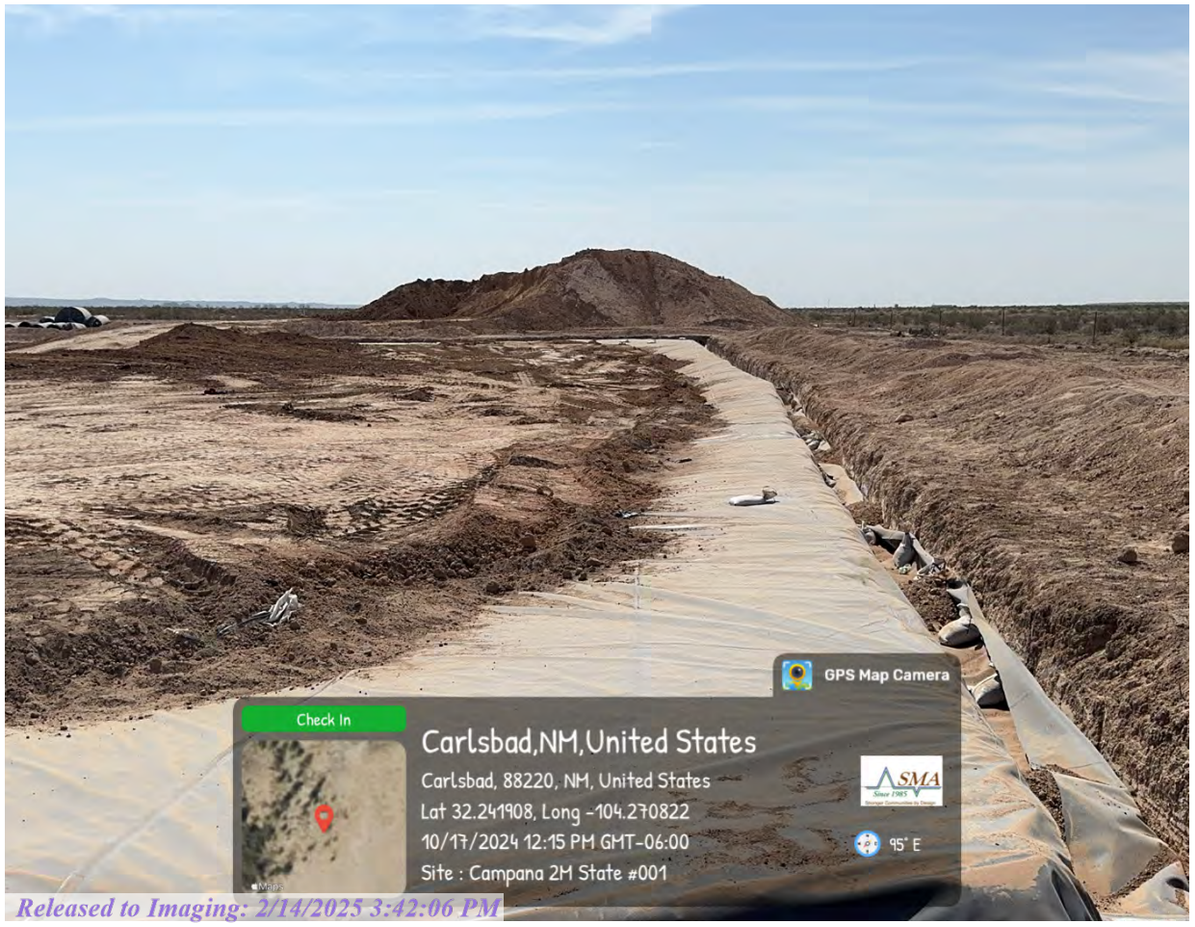
Photograph #27: Backfilling in lifts on top of liner.



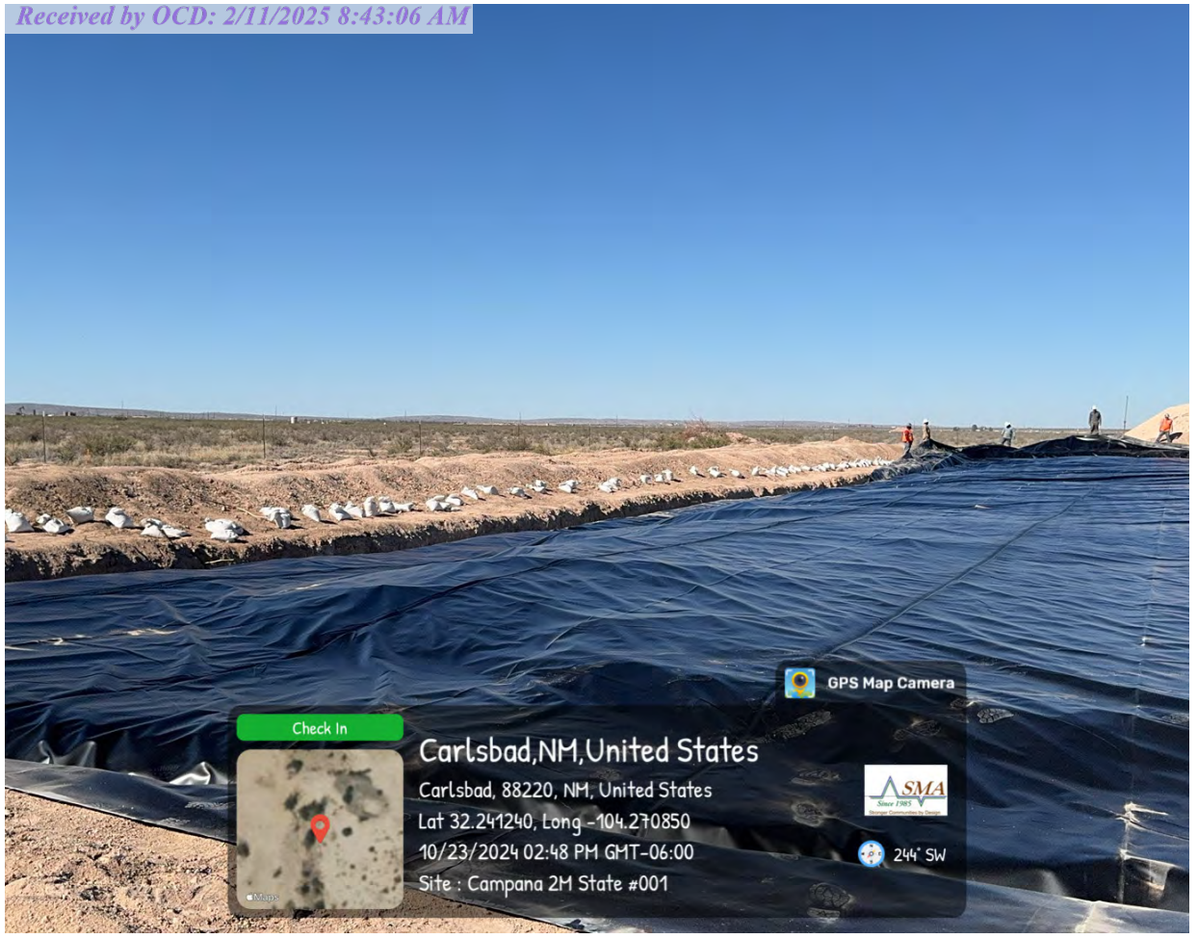
Photograph #28: Backfilling in lifts.



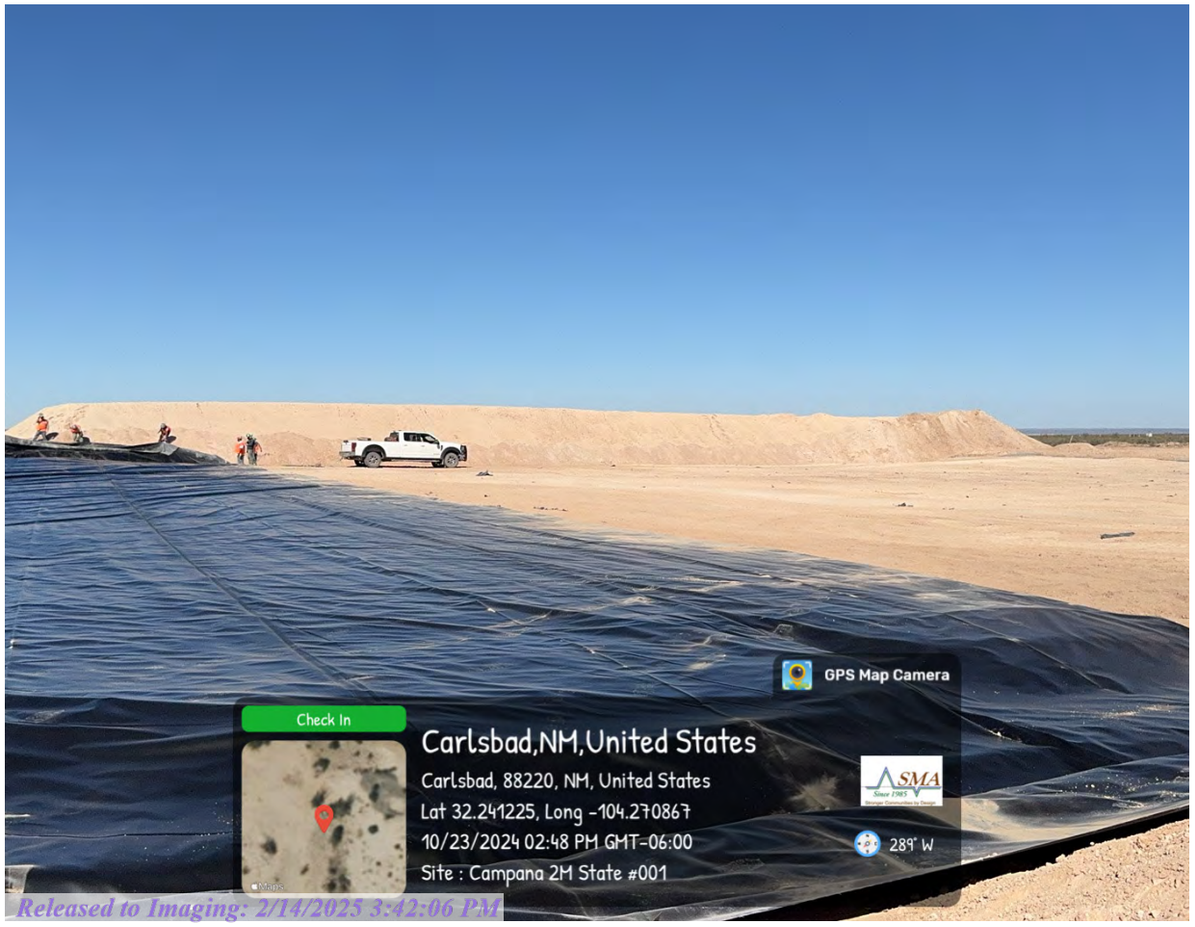
Photograph #29: Backfilling in lifts looking southwest.



Photograph #30: Backfill on top of liner on west end of lined area.



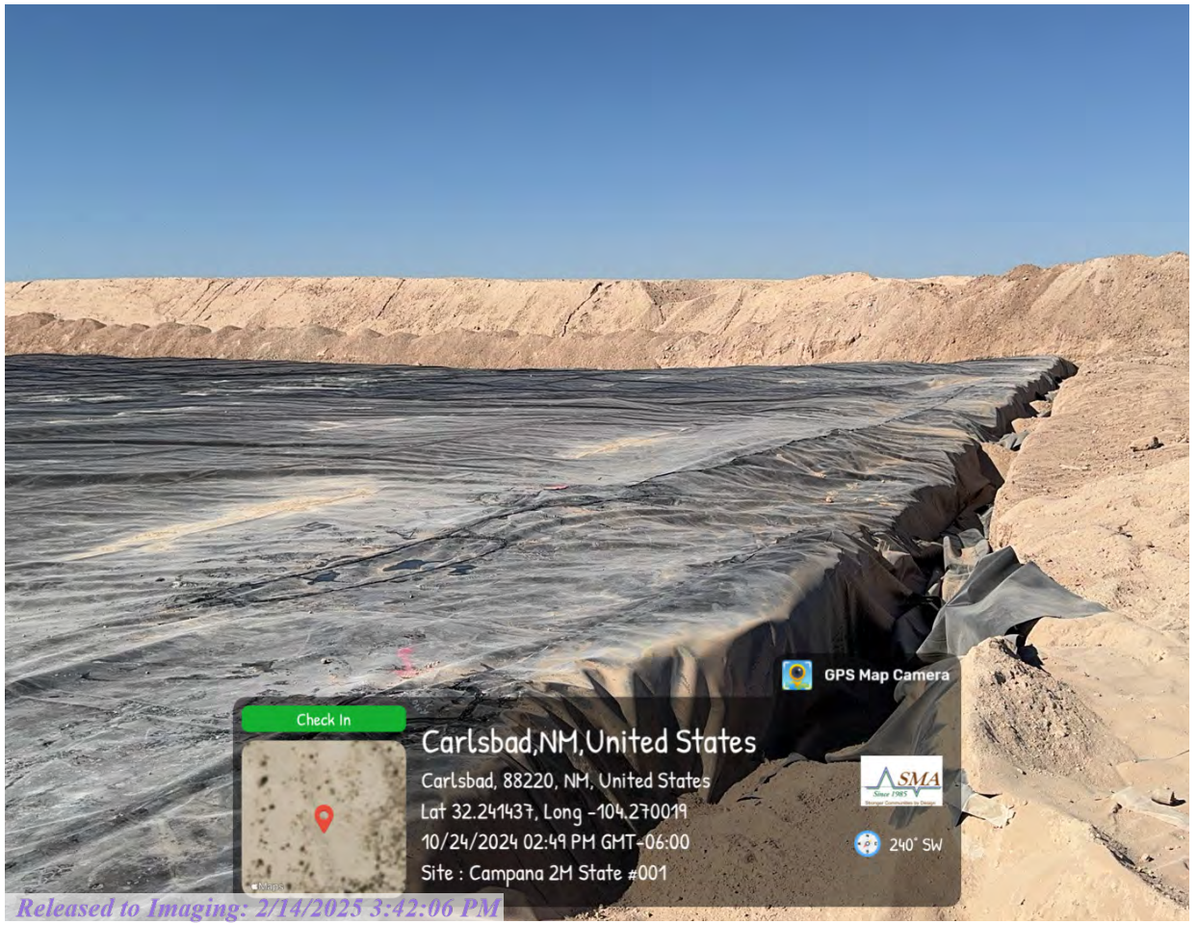
Photograph #31:
Installation of top liner.



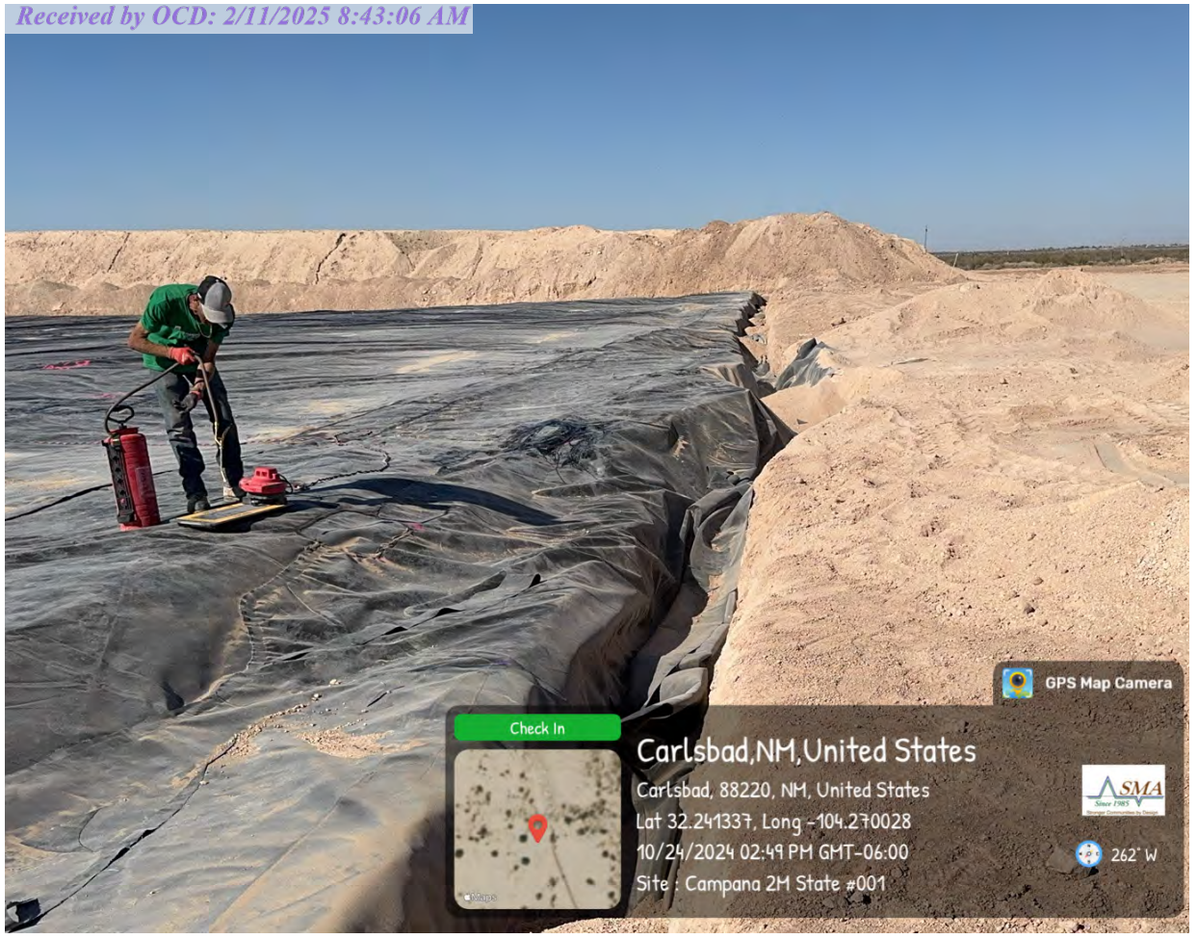
Photograph #32:
Installation of top liner.



Photograph #33: Finishing of top liner installation across backfill.



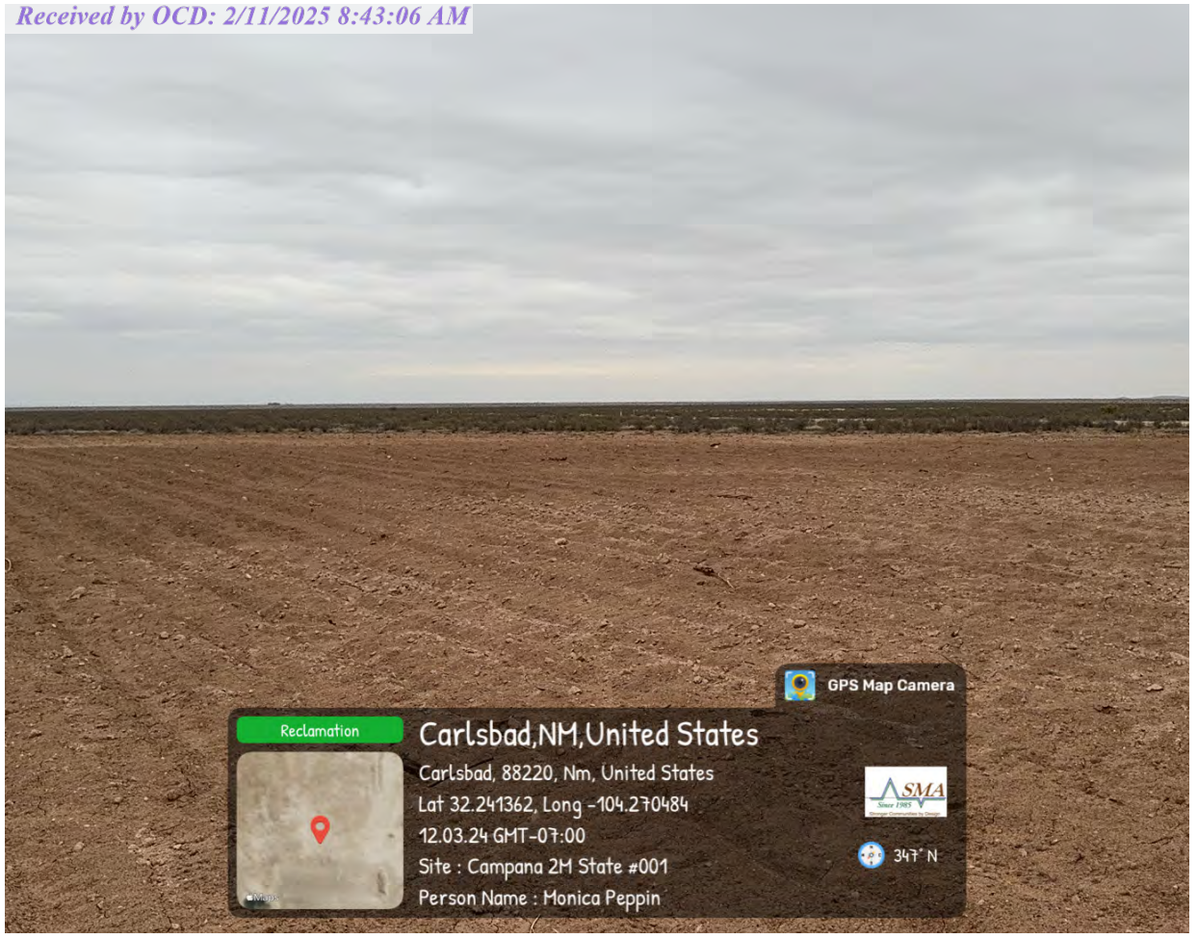
Photograph #34: Top liner installation into trench.



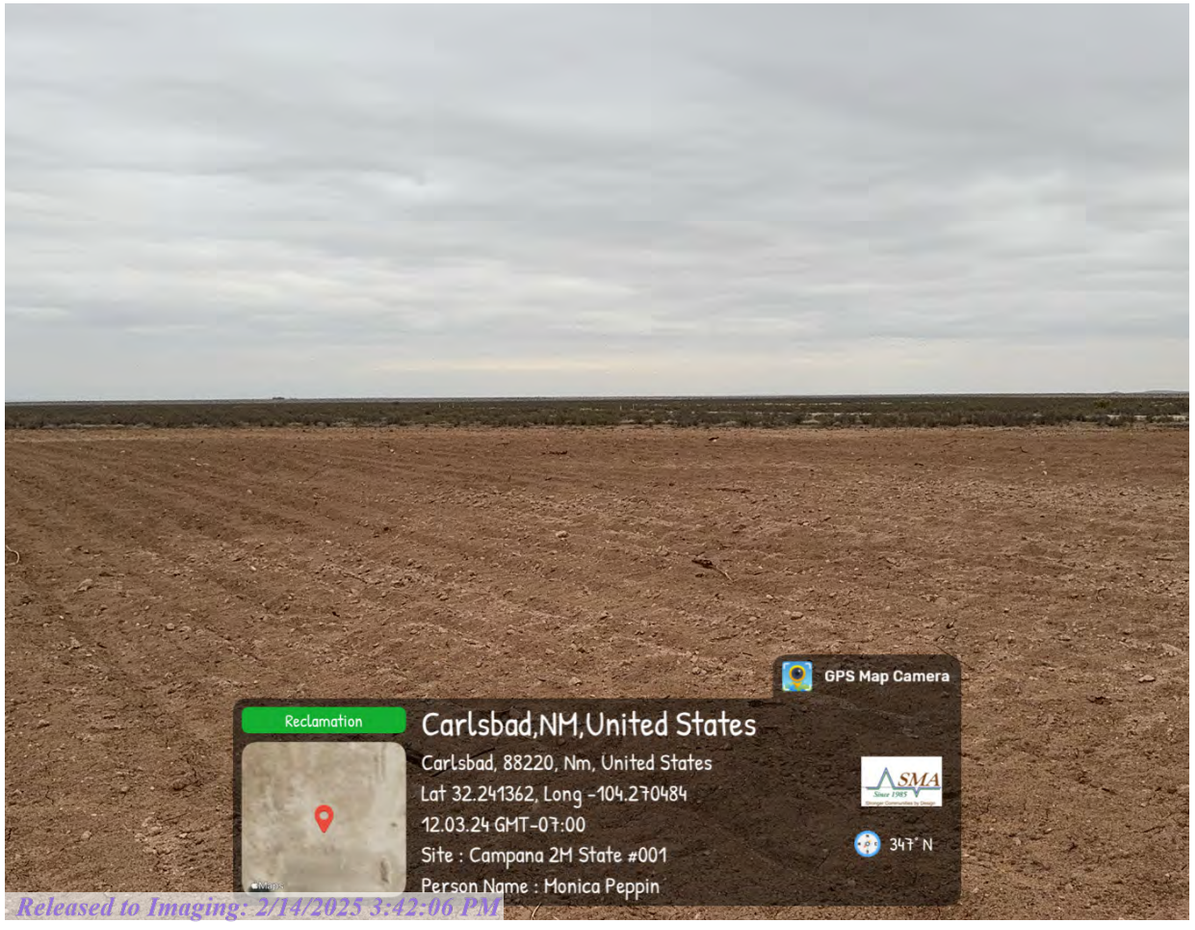
Photograph #35: Liner integrity testing and sealing of seams.



Photograph #36: Completion of liner sealing after integrity testing.



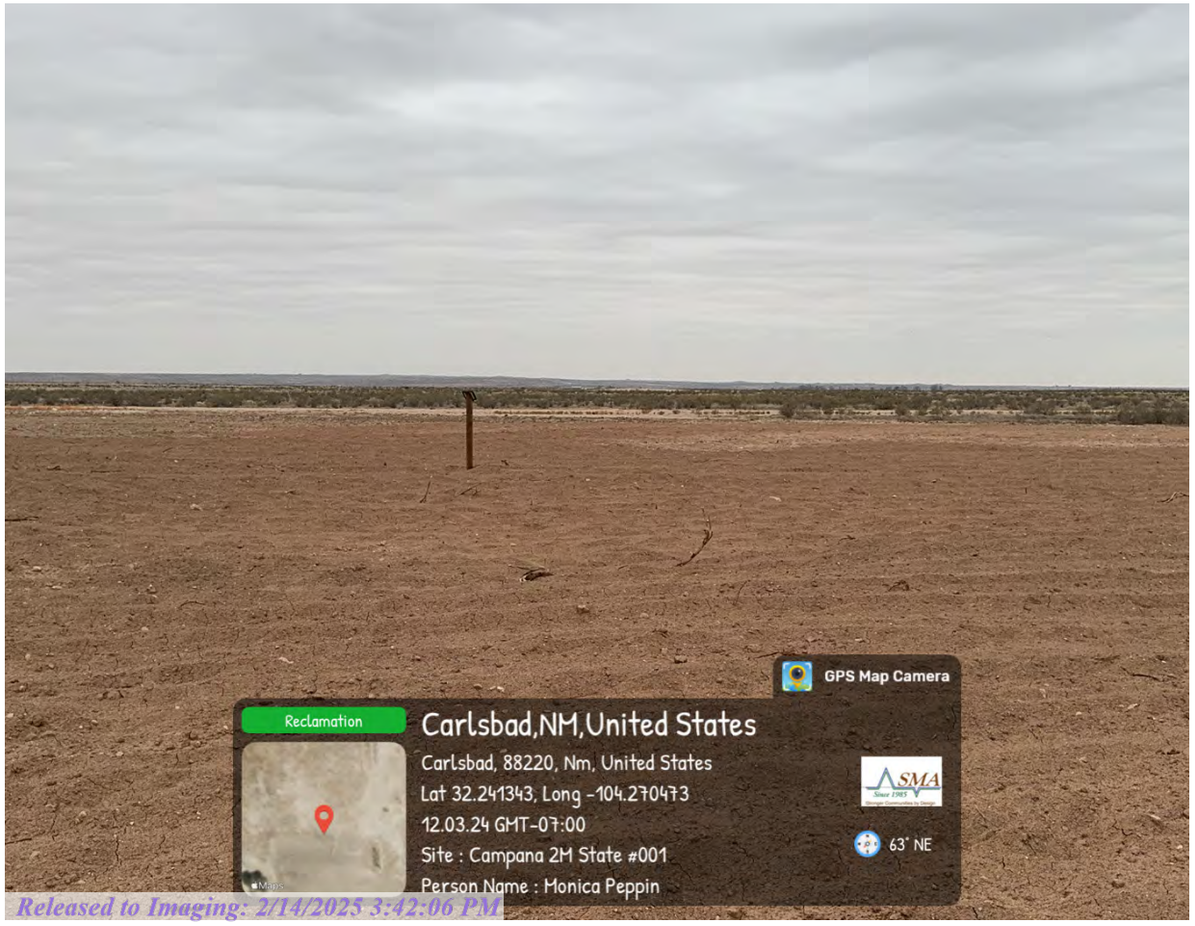
Photograph #37: Reclaimed area after seeding.



Photograph #38: Reclaimed area after seeding.



Photograph #39: Drone photo of reclaimed pad area taken by Devon.



Photograph #40: Reclaimed pad with wellhead monument.



Photograph #41: Reclaimed access road.



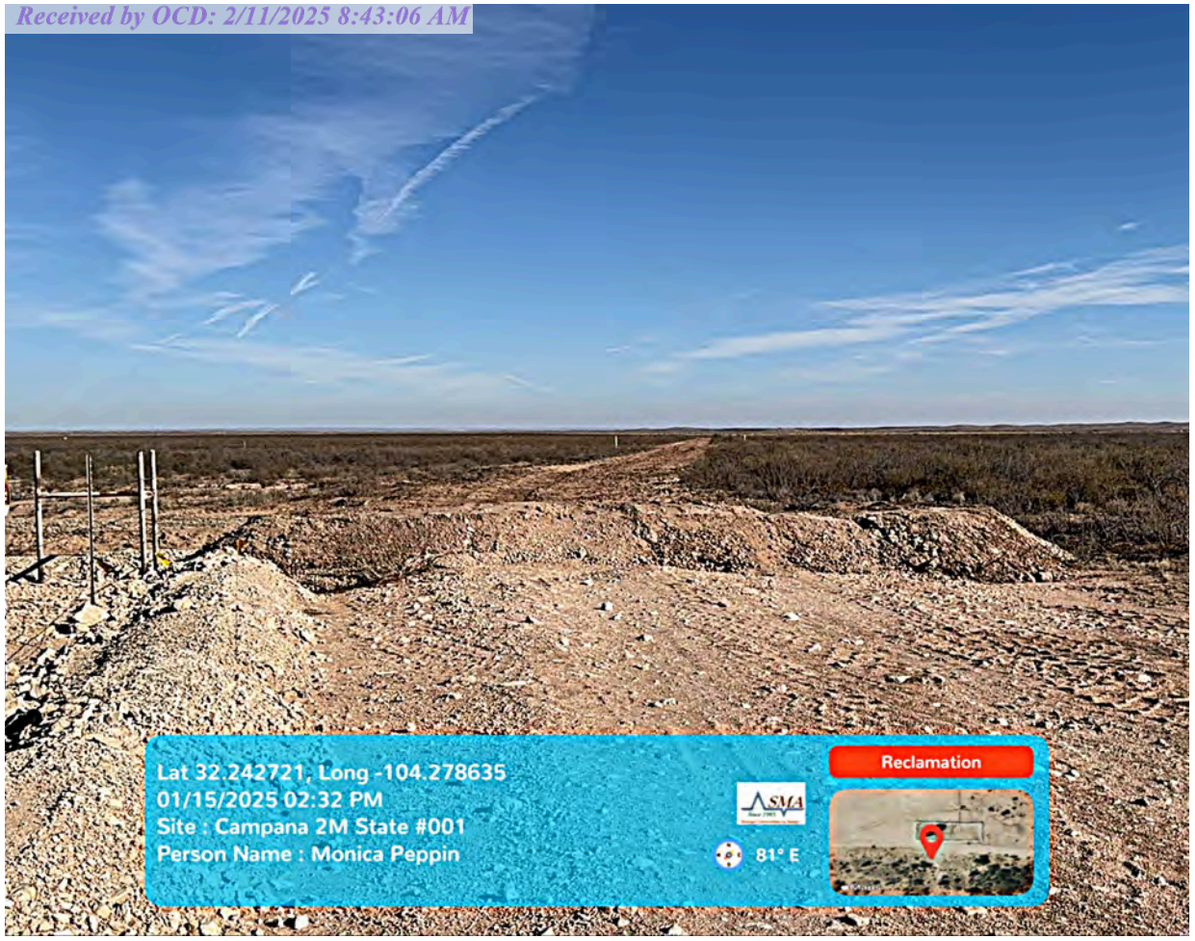
Photograph #42: Drone photo of southwest area looking towards reclaimed access road.



Photograph #43: Burial site marker plaque.



Photograph #44: Marker plaque post set in place in middle of on-site burial.



Photograph #45: Berm on lease road leading to site.



Photograph #46: Berm on lease road leading to site.

APPENDIX D

SLO Permits, Land Access Notification, Cultural Review

Stephanie Garcia Richard
Commissioner of Public Lands

RIGHT OF ENTRY REQUEST FOR REMEDIATION

Company Name _____
Address _____
City, State, Zip _____
Contact Person: _____
Telephone #: _____
Email: _____

Purpose of request: _____
_____
_____

Section _____ Township _____ Range _____ Unit Letter _____

Qtr/Qtr _____ County_____

GPS Location (decimal degrees): Latitude _____ W Longitude _____ N

If this is a remediation for a spill please attach a copy of the OCD C-141 form.

Is the completed C-141 attached? Yes ☐ No ☐ N/A

Square footage of spill impacted surface: _____

Estimated square footage of total disturbance: _____

Reclamation Plan (*attach addl. sheet if necessary*) _____
_____
_____

Driving directions from nearest state highway or road (*attach a map of the location*):
_____
_____

Lease number associated with the ROE request: _____

Well Name and/or Operator (if applicable):_____

Time expected to complete remediation:_____

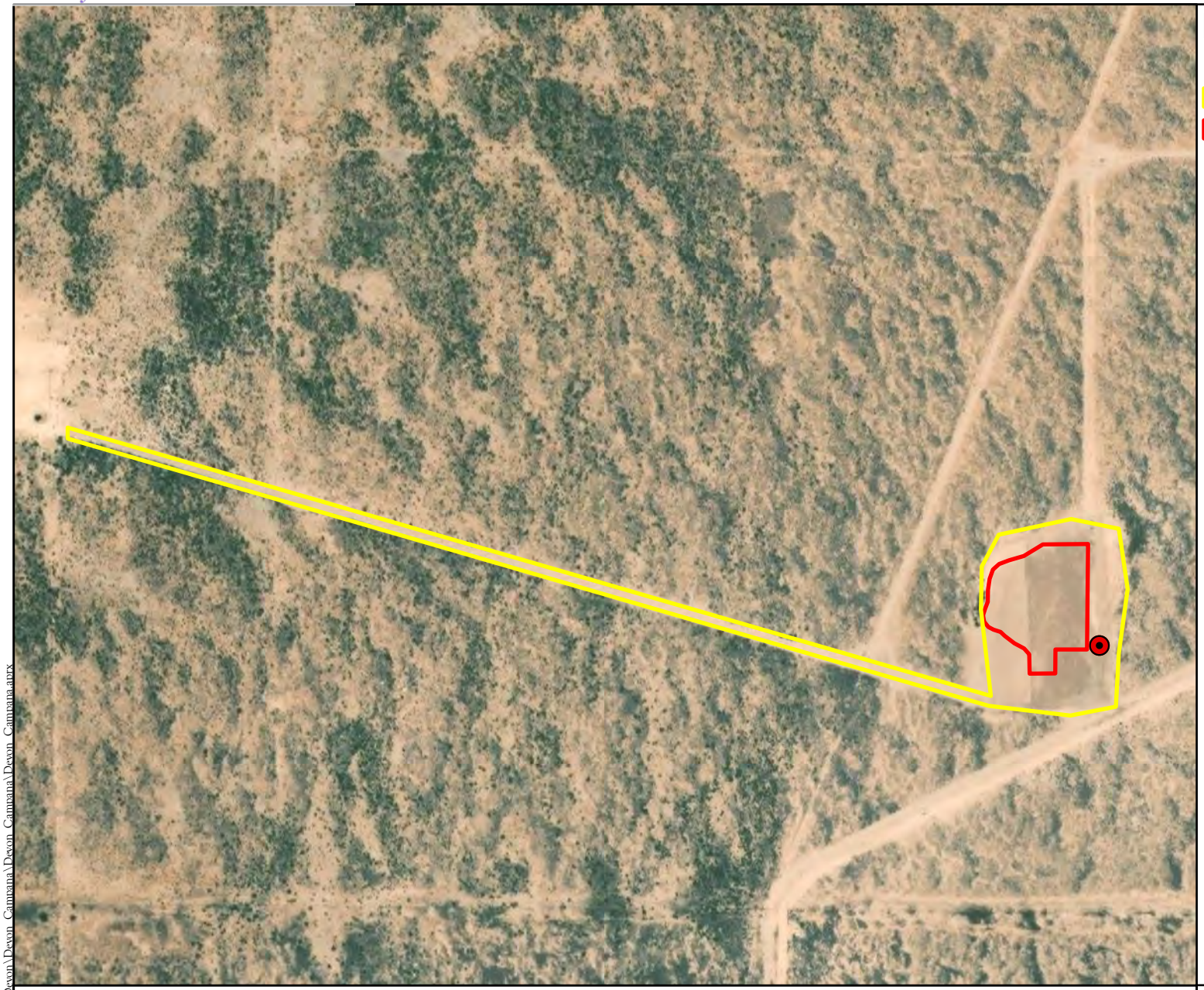
Personnel present on State Land_____

Equipment & materials present on State Land_____

$50.00 application fee and $500.00 permit amount (based on 180 days) renewable for up to 3 yrs.

Payable to: The Commissioner of Public Lands
P. O. Box 1148
Santa Fe, NM 87504-1148

* ***When you provide a check as payment, you authorize the State of New Mexico to either use information from your check to make a one-time electronic fund transfer from your account or to process the payment as a check transaction.***



Legend

- Campana 2M State #1 Well Head
- Area of Disturbance
- Area of Impact

0 150 300 600

Feet

Scale: 1:4,500

N

Well Head Coordinates:
-104.270502W 32.241337N

Reclamation Map

Campana 2M State #001 - Devon Energy Production Co.

UL: M S: 2 T: 24S R: 26E, Eddy County, New Mexico

Figure

C:\Users\ss\Desktop\GIS\Clients\Devon\Devon_Campana\Devon_Campana.aprx

Date Saved: 12/22/2022

Revisions

By: _____ Date: _____ Descr: _____

By: _____ Date: _____ Descr: _____

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Drawn Sarahmay Schlea

Date 4/26/2024

Checked _____

Approved _____

SMA
Souder, Miller & Associates
Engineering • Environmental
Geomatics

201 South Halagueno Street
Carlsbad, New Mexico 88221
(575) 689-7040
Serving the Southwest & Rocky Mountains

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Stephanie Garcia Richard
COMMISSIONER

State of New Mexico
Commissioner of Public Lands
310 OLD SANTA FE TRAIL
P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

COMMISSIONER'S OFFICE
Phone (505) 827-5760
Fax (505) 827-5766
www.nmstatelands.org

May 10, 2024

Devon Energy
5315 Buena Vista Drive
Carlsbad, NM 88220

Attn: Jim Raley

Re: Right-of-Entry Permit No.: **RE-7040 Campana 2M state #001**

Dear Applicant:

Enclosed is the completed captioned Right-of-Entry permit. If any corrections are necessary, please let us know and we will retype or amend this permit as necessary.

The New Mexico State Land Office requires you to notify any surface lessees that will be impacted by your project prior to construction.

If you have any questions, or if we may be of further assistance, please do not hesitate to contact Samantha Martinez of my staff at (505) 827-4003.

Sincerely,

James S. Bordegaray
Director, Commercial Resources Division

JSB/sm

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NEW MEXICO STATE LAND OFFICE
Commissioner of Public Lands
Stephanie Garcia Richard
New Mexico State Land Office Building
P.O. Box 1148, Santa Fe, NM 87504-1148

RIGHT OF ENTRY PERMIT
CONTRACT NO. RE – 7040

This Agreement is made and entered into between the COMMISSIONER OF PUBLIC LANDS (the "Commissioner") and

Devon Energy
5315 Buena Vista Drive
Carlsbad, NM 88220

("Permittee"). The parties agree as follows:

1. RIGHT OF ENTRY ("ROE")

The Commissioner grants to Permittee, and its authorized representatives, employees, and contractors, permission to use the state trust lands identified below (the "Premises"), and ingress and egress to the Premises, for the sole purposes of (1) surveying/conducting an environmental investigation on the site of State Land Office Oil & Gas Lease No. **VB-2467** (the "Lease"), **API #30-015-31725 and Campana 2M State #001** and (2) conducting surface reclamation activities, including removal of equipment and debris, and any required remediation per 19.2.100.67 NMAC.

The property is situated in the following location in **Eddy County**, New Mexico:

Section	Township	Range	Subdivision	County	Longitude/Latitude
2	24S	26E	SW4SW4	Eddy	32.241337/-104.270502

2. TERM AND TERMINATION

Right of entry is granted for a term of **180 days**, commencing on the execution date of this document by the Commissioner of Public Lands.

3. FEES

$ 50.00 Application Fee
$ 500.00 Permit Fee
$ 550.00 Total Fee

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4. CONDITIONS OF USE

A. The issuance of this ROE does not guarantee that any subsequent lease, permit or any other instrument will be issued to Permittee for the Premises.

B. No blading or widening of any roads that provide access to the Premises is permitted under this ROE.

C. No sale of any material extracted from the Premises is allowed under this ROE.

D. Permittee shall observe all applicable federal, state and local laws and regulations.

E. Permittee shall take all reasonable precautions to prevent and suppress forest, brush and grass fires and prevent pollution of waters on or in the vicinity of the Premises.

F. Permittee shall not block or disrupt roads or trails commonly in use.

G. This ROE is subject to any and all easements and rights-of-way previously granted and now in force and effect.

H. Permittee shall be responsible for repair and restitution for damage to any property or improvements as a result of activities related to this ROE.

I. Prior to entering the Premises, Permittee must identify and contact any existing surface lessees. The grant of this ROE does not allow access across private lands.

J. Permittee may utilize this ROE upon its execution for inspection of the Premises and to conduct any necessary tests or inspections. Permittee may not conduct remediation or reclamation work until it has submitted a written plan for such work, and received State Land Office approval.

K. Personnel present on Premises: **Devon Energy, construction crew, environmental consultants and liner installer.**

L. Equipment and materials present on Premises: **Excavator, loader, dump trucks, vehicles, and liner.**

5. SITE CONDITIONS

A. No surface disturbance, other than soil tests, except as described in a reclamation plan submitted to and approved by the State Land Office.

B. Access to the Premises shall be over existing roads.

C. The natural environmental conditions that exist contemporaneously with this grant of ROE shall be preserved and protected. Permittee must follow all applicable environmental and cultural resource protection laws and regulations.

6. INDEMNITY

Permittee shall save, hold harmless, indemnify and defend the State of New Mexico, the Commissioner and Commissioner's employees, agents and contractors, in both their official and individual capacities, from any and all liability, claims, losses, damages, or expenses of any character or nature whatsoever, including butnot limited to attorney's fees, court costs, loss of land value or use, third party claims, penalties, or removal, remedial or restoration costs arising out of, or alleged to arise out of Permittee's operations or presence on the Premises (or operations or presence of his representatives, employees, or contractors).

7. SURVIVAL OF TERMS

Permittee's obligations regarding indemnity, site conditions, and compliance with applicable standards and laws, shall survive the termination, cancellation or relinquishment of this Agreement, and any cause of action of the Commissioner to enforce any right, liability, claim, loss, damage or expense under those paragraphs shall not be deemed to accrue until the Commissioner's actual discovery of said right, liability,claim, loss, damage or expense.

8. NOTIFICATION

Permittee must notify the State Land Office immediately in the event Permittee or his representatives, employees, or contractors observe any spill, fire, or other emergency on the Premises, or if Permittee or his representatives, employees, or contractors experience any serious injury while on the Premises.

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WITNESS the hands of PERMITTEE and COMMISSIONER on the day(s) and year entered below.

Jim Raley Digitally signed by Jim Raley Date: 2024.05.20 08:42:35 -06'00'

PERMITTEE SIGNATURE

DATE: 5/20/24

Jim Raley

Environmental Professional

PERMITTEE NAME AND TITLE (PRINT)

BY: _____

Stephanie Garcia Richard
Commissioner of Public Lands

SEAL:

DATE: 05/20/2024

Received by OCD: 2/11/2025 8:43:06 AM

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Stephanie Garcia Richard
Commissioner of Public Lands
Right-of-Entry Request

Company Name _____
Address _____
City, State, Zip _____

Contact Person: _____
Telephone #: _____
Email Address: _____

Purpose of request:

_____

_____

Do you anticipate needing this temporary right of entry for pipelines more than 180-days, from the date of issuance? _____ yes _____ no

If you believe you may need this line (s) for longer than 180-days, you are encouraged to apply for a right of way. ***We reserve the right to deny reissues for the same route.*** Additionally, we will require you to provide proof that the lines have been removed before the end of the 180-day period.

If laying pipeline please describe: (include length in rods)

_____

_____

Section _____Township _____Range _____ (state trust lands involved)

Location - Qtr/Qtr _____ County_____

Project Name: _____

State of Incorporation: _____

Personnel present on State Land _____

Equipment & Materials present on State Land _____

Must provide survey plat or topo map (to include rods by aliquot)

$50.00 application fee and $500.00 permit amount (based on 180 days)

For temporary **fresh** waterlines over 320 rods (1 mile) an additional fee of $2.00 per rod will be assessed.

Payable to: The Commissioner of Public Lands
P. O. Box 1148
Santa Fe, NM 87504-1148

***When you provide a check as payment, you authorize the** State of New Mexico to either use information from your check to make a one-time electronic fund transfer from your account or to process the payment as a check transaction.*

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Stephanie Garcia Richard
COMMISSIONER

State of New Mexico
Commissioner of Public Lands
310 OLD SANTA FE TRAIL
P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

COMMISSIONER'S OFFICE
Phone (505) 827-5760
Fax (505) 827-5766
www.nmstatelands.org

September 26, 2024

WPX Energy Permian, LLC
333 West Sherian Ave
Oklahoma City, OK 73102

Attn: Jim Raley

Re: Right-of-Entry Permit No.: **RE-7186 Campana 2M State #001**

Dear Applicant:

Enclosed is the completed captioned Right-of-Entry permit. If any corrections are necessary, please let us know and we will retype or amend this permit as necessary.

The New Mexico State Land Office requires you to notify any surface lessees that will be impacted by your project prior to construction.

If you have any questions, or if we may be of further assistance, please do not hesitate to contact Samantha Martinez at (505) 827-4003.

Sincerely,

James S. Bordegaray
Director, Commercial Resources Division

JSB/sm

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NEW MEXICO STATE LAND OFFICE
Commissioner of Public Lands
Stephanie Garcia Richard
New Mexico State Land Office Building
P.O. Box 1148, Santa Fe, NM 87504-1148

RIGHT OF ENTRY PERMIT
CONTRACT NO. RE - 7186

1. RIGHT OF ENTRY PERMIT

This permit is issued under the authority of NMSA 1978, Section 19-1-2. Therefore, and in consideration of and subject to the terms, covenants, conditions, agreements, obligations and reservations contained in the permit and all other existing rights, the Commissioner of Public Lands, New Mexico State Land Office, State Of New Mexico, hereinafter called "COMMISSIONER," grants to **WPX ENERGY PERMIAN, LLC,** State of Incorporation **Oklahoma**, whose address is **333 West Sheridan Ave., Oklahoma City, OK 73102** called "PERMITTEE," authorized use of a specific tract(s) of State Trust Land only for the term, and only for the permitted use, described in this permit.

2. TERM AND LAND DESCRIPTION

Right of entry is granted for a term of **180 days**, commencing on the execution date of this document by the Commissioner of Public Lands, to the following State Trust Lands.

Section	Township	Range	Subdivision	County
35	23S	26E	SE4SW4	Eddy
2	24S	26E	Lot 3, NE4SW4, NW4SW4, SE4NW4, SW4SW4	Eddy

3. APPLICATION and PROCESSING FEE

$ 50.00 Application Fee
$ 500.00 Permit Fee
$ 550.00 Total Fee

RE - 7186

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4. PERMITTED USE, PERSONNEL, EQUIPMENT AND MATERIALS

Permitted use is for the purpose of: **Requesting to use existing roads to haul topsoil from private land across state land. No Surface disturbance will be required.**

Personnel present on State Trust Land: **Devon Energy/WPX Personnel and Kelly constructions contractors**

Equipment & Materials present on State Trust Land: **Hauling trucks and/or Belly dumps.**

Prior to execution of project company must contact the Surface Lessees.

Only fresh water lines (less than 10,000 ppm tds) will be allowed.

The granting of this permit does not allow access across private lands.

5. IMPROVEMENTS

No improvements shall be placed on the premises without the prior written consent of the Commissioner.

6. RESERVATIONS

Commissioner reserves the right to execute leases, rights of way, easements, permits, exchange agreements, sale agreements, permits and other lawful rights on or across the land covered by this permit, including but not limited to any such rights for mining purposes and for the extraction of oil, gas, salt, geothermal resources, and other mineral deposits there from and the right to go upon, explore for, mine, remove and sell same.

7. COMPLIANCE WITH LAWS

Permittee shall at its own expense comply fully with and be subject to all applicable regulations, rules, ordinances, and requirements of law or of the Commissioner, including but not limited to the regulations of the State Land Office; Chapter 19 NMSA governing State Trust Lands; federal and state environmental laws and regulations; and the New Mexico Cultural Properties Act, NMSA 1978 Sections 18-6-1 through 18-6-23. It is illegal for any person or the person's agent to appropriate, excavate, injure, or destroy any historic, or prehistoric ruin or monument, or any object of historical, archaeological, architectural, or scientific value situated on lands owned or controlled by the State Land Office without a valid permit issued by the Cultural Properties Review Committee and approved by the Commissioner of Public Lands.

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8. HOLD HARMLESS AND INDEMNIFICATION

Permittee shall save, hold harmless, indemnify and defend Commissioner, the State Land Office, the State of New Mexico, and any of their officers, employees or agents, in their official and individual capacities, of and from any and all liability, claims, losses, damages, costs, and fees arising out of or alleged to arise out of, or directly or indirectly connected with, the operations of Permittee under this permit on or off State Trust Lands or arising out of the presence on State Trust Lands of any equipment, material, agent, invitee, contractor or subcontractor of Permittee. This Hold Harmless and Indemnification clause covers any claim, including any brought in any court or before any administrative agency, of any loss or alleged loss, and any damages or alleged damages asserted with respect to any violation or alleged violation of any state, federal or local law or regulation, including but not limited to any environmental law or regulation, any cultural properties law (including the New Mexico Cultural Properties Act, cited above) or regulation, and any alleged damage to the property, rights or interests of any State Land Office lessee, right-of-way holder, or other permittee.

9. AMENDMENT

This permit shall not be altered, changed, or amended except by an instrument in writing executed by Commissioner and Permittee.

10. WITHDRAWAL

Commissioner reserves the right to withdraw any or all of the land authorized for use under this permit. If applicable, Permittee shall vacate the acreage specified within 30 days after receipt of written notification of withdrawal from the Commissioner.

11. CANCELLATION

The violation by Permittee of any of the terms, conditions, or covenants of this permit or the nonpayment by Permittee of the fees due under this permit shall at the option of the Commissioner be considered a default and shall cause the cancellation of this permit 30 days after Permittee has been sent written notice of such.

12. PRESERVE AND PROTECT

The Permittee agrees to preserve and protect the natural environmental conditions of the land encompassed in this permit, and to take those reclamation or corrective actions that are accepted soil and water conservation practices and that are deemed necessary by the Commissioner to protect the land from pollution, erosion, or other environmental degradation. The Permittee further agrees not to injure the property of, or interfere with the operations or rights of, any State Land Office lessee, right-of-way holder, easement holder or other permittee who has rights to use the State Trust Land subject to this permit.

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13. PIPELINE IDENTIFICATION AND SPACING REQUIREMENTS

The Permittee shall label each aboveground pipeline crossing State Trust Lands with the Permittee's name, and contact information. Such information shall be placed at both the inlet and outlet of the pipeline, and every 2,500 feet between the two points. Pipelines must be spaced a minimum of 12" apart from existing surface pipelines to allow for livestock to cross. If the minimum line spacing cannot be met to allow livestock to cross, berms 3 feet in width must be placed in areas where established cattle trails exist, but no less than every tenth of a mile.

14. RECLAMATION, REMOVAL OF EQUIPMENT, MATERIALS, AND WASTE

The Permittee agrees to reclaim those areas that may be damaged by activities conducted thereon.

The Permittee agrees to remove from the State Trust Lands, no later than the end of the term of this permit, all equipment, and materials it has placed or brought upon the land and to clean up and remove from the land any trash, waste, effluent, or other products used or brought upon the land in connection with this permit.

15. SPECIAL INSTRUCTIONS AND/OR RESTRICTIONS

1. No off road traffic allowed.

2. No wood collection or tree cutting allowed.

3. Disturbing, dislodging, damaging, defacing, destroying or removing historical archaeological, paleontological or cultural sites or artifacts in a manner inconsistent with the provisions of the granted permit is prohibited.

4. Disturbing, dislodging, damaging, defacing, destroying any improvement, fixture, item, object or thing placed or located in, under or upon the land is prohibited.

5. This permit does not grant a right to enter State Trust Lands to which there is no public access.

6. Any uses or activities not within the scope of this permit are not allowed unless prior written approval from the Commissioner of Public Lands is granted.

7. Line pressure not to exceed 125 psi.

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WITNESS the hands of PERMITTEE and COMMISSIONER on the day(s) and year entered below.

Jim Raley Digitally signed by Jim Raley Date: 2024.09.26 07:26:49 -06'00'

DATE: 9/26/24

PERMITTEE SIGNATURE

Jim Raley

Environmental Professional

PERMITTEE NAME AND TITLE (PRINT)

BY: _____

Stephanie Garcia Richard
Commissioner of Public Lands

SEAL:

DATE: 09/26/2024

Received by OCD: 2/11/2025 8:43:06 AM

Released to Imaging: 2/14/2025 3:42:06 PM

Souder, Miller & Associates ♦ 201 S. Halagueno Street ♦ Carlsbad, NM 88220
(575) 689-8801

May 24, 2024 SMA Project Number: 5E32074, BG9

George Harvick
P.O. Box 3007
Albany, TX 76430

RE: Lease # GS1153

Dear Mr. Harvick,

On behalf of WPX Energy, we are notifying you of a reclamation project that will occur at the Campana 2M State 001, located approximately 12 miles south of Carlsbad, NM. We are required to make this notification to the surface lessee as part of our temporary right of entry permit (RE-7040). WPX has secured a Right of Entry for this work and it should begin in the next 90 days.

Site Information
Site Name: Campana 2M State #001
API: 30-015-31725
GPS: 32.241337, -104.270502

If you have any questions or concerns, please contact Jim Raley (WPX Energy) at 575-689-7597.

Sincerely,

MILLER ENGINEERS, INC. d/b/a
SOUDER, MILLER & ASSOCIATES

Stephanie Hinds

Stephanie Hinds, P.E.
Senior Engineer
Stephanie.hinds@soudermiller.com

USPS Tracking®

FAQs >

Remove ×

Tracking Number:

70221670000316553604

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Latest Update

Your item was picked up at the post office at 9:38 am on June 12, 2024 in ALBANY, TX 76430.

Get More Out of USPS Tracking:

USPS Tracking Plus®

Delivered

Delivered, Individual Picked Up at Post Office

ALBANY, TX 76430
June 12, 2024, 9:38 am

See All Tracking History

What Do USPS Tracking Statuses Mean? (https://faq.usps.com/s/article/Where-is-my-package)

Feedback

Text & Email Updates ⌄

USPS Tracking Plus® ⌄

Product Information ⌃

Postal Product:
First-Class Mail®

Features:
Certified Mail™

See Less ⌃

Track Another Package

Enter tracking or barcode numbers

Need More Help?

Contact USPS Tracking support for further assistance.

FAQs

Stephanie Garcia Richard, Commissioner of Public Lands
State of New Mexico

NMSLO Cultural Resources Cover Sheet Exhibit

NMCRIS Activity Number:
(if applicable)

Exhibit Type (select one)

ARMS Inspection/Review - Summarize the results (select one):

(A) The entire area of potential effect or project area has been previously surveyed to current standards and **no cultural properties** were found within the survey area.
(B) The entire area of potential effect or project area has been previously surveyed to current standards and **cultural properties were found** within the survey area.
(C) The entire area of potential effect or project area has **not** been previously surveyed or **has not been surveyed** to current standards. A complete archaeological survey will be conducted and submitted for review.

Archaeological Survey

Findings:

Negative - No further archaeological review is required.

Positive - Have avoidance and protection measures been devised? Select one:

Comments:

Project Details:

NMSLO Lease Number (if available):

Cultural Resources Consultant:

Project Proponent (Applicant):

Project Title/Description:

Project Location:

County(ies):

PLSS/Section/Township/Range):

For NMSLO Agency Use Only:

NMSLO Lease Number: Acknowledgment-Only:

Lease Analyst:

Date Exhibit Routed to Cultural Resources Office:

No person may alter the wording of the questions or layout of the cover sheet. The completion of this cover sheet by itself does not authorize anyone to engage in new surface disturbing activity before the review and approvals required by the Cultural Properties Protections Rule.

Form Revised 12 22

NMCRIS INVESTIGATION ABSTRACT FORM (NIAF)

1. NMCRIS Activity No.: 155577	2a. Lead (Sponsoring) Agency: New Mexico State Land Office	2b. Other Permitting Agency(ies):	3. Lead Agency Report No.: N/A

4. Title of Report:

Cultural Resource Survey Report for Souder Miller and Associates for Remediation of the Campana 2M State #1 and Associated Road Located within Sections 2 and 3, Township 24 South, Range 26 East in Eddy County, New Mexico

Author(s) Michael Stowe, M.A., RPA

5. Type of Report
☒ Negative ☐ Positive

6. Investigation Type
☐ Research Design ☒ Survey/Inventory ☐ Test Excavation ☐ Excavation ☐ Collections/Non-Field Study
☐ Overview/Lit Review ☐ Monitoring ☐ Ethnographic study ☐ Site specific visit ☐ Other

7. Description of Undertaking (what does the project entail?):

Souder Miller and Associates identified an area of concern that requires remediation and a cultural resource survey for the Campana 2M State #1 and associated road located within Sections 2 and 3, Township 24 South, Range 26 East in Eddy County, New Mexico. The survey area included the area of concern which measures roughly 200 feet by 200 feet in size and encompasses the extent of the Campana 2M State #1 pad location. In addition to the area of concern, a survey buffer of approximately 100 feet was surveyed around the location to comply with New Mexico State Land Office guidelines. The total survey area for the release location and 100-foot survey buffer 13.30 acres. It should be noted that a large portion of the project area is located within an existing disturbed roadway that runs adjacent to the selected parcel location. More than 60 percent of the survey area has also been surveyed by four previous linear cultural resource surveys. Lands surveyed for the project area are administered by the New Mexico State Land Office.

8. Dates of Investigation: (from: 5/16/2024 to: 5/16/2024)

9. Report Date: May 20th, 2024

10. Performing Agency/Consultant:
Advanced Archaeological Solutions (ADAS)
Principal Investigator: Michael Stowe, M.A., RPA
Field Supervisor: Michael Stowe, M.A., RPA
Field Personnel Names: Michael Stowe, M.A., RPA, George St. Clair

11. Performing Agency/Consultant Report No.:
AAS 24-568

12. Applicable Cultural Resource Permit No(s):
NM State Permit 24-172S

13. Client/Customer (project proponent):
Souder Miller and Associates
Address: 310 West Wall Street, Suite 500
Midland, Texas 79701

14. Client/Customer Project No.: N/A

15. Land Ownership Status ***(Must be indicated on project map):***

Land Owner	Acres Surveyed	Acres in APE
New Mexico State Land Office	13.30	13.30
	13.30	13.30

16 Records Search(es):

Date(s) of ARMS File Review 5/15/2024	Name of Reviewer(s) M.Stowe	
Date(s) of NR/SR File Review 5/15/2024	Name of Reviewer(s) M.Stowe	
Date(s) of Other Agency File Review	Name of Reviewer(s)	Agency

17. Survey Data:

a. Source Graphics ☒ NAD 27 ☒ NAD 83
☒ USGS 7.5' (1:24,000) topo map ☐ Other topo map, Scale:
☒ GPS Unit Accuracy ☐<1.0m ☒ 1-10m ☐ 10-100m ☐>100m

b. USGS 7.5' Topographic Map Name | **USGS Quad Code**

Black River Village, New Mexico	32104-B3

c. County(ies): Eddy County

17. Survey Data (continued):

d. Nearest City or Town: Loving, NM

e. Legal Description:

Township (N/S)	Range (E/W)	Section	¼ ¼ ¼
19 South	35 East	2	See Attached Map
19 South	35 East	3	See Attached Map

Projected legal description? Yes [x] , No [ ] Unplatted [ ]

f. Other Description (e.g. well pad footages, mile markers, plats, land grant name, etc.):

The proposed project is defined as an area of concern that required a cultural resource survey for the Campana 2M State #1 and Associated Road Located within Sections 2 and 3, Township 24 South, Range 26 East in Eddy County, New Mexico. The survey area included the area of concern which measures roughly 200 feet by 200 feet in size and encompasses the extent of the Campana 2M State #1 pad location. In addition to the area of concern, a survey buffer of approximately 100 feet was surveyed around the location to comply with New Mexico State Land Office guidelines. The total survey area for the release location and 100-foot survey buffer 13.30 acres. It should be noted that a large portion of the project area is located within an existing disturbed roadway that runs adjacent to the selected parcel location. More than 60 percent of the survey area has also been surveyed by four previous linear cultural resource surveys. Lands surveyed for the project area are administered by the New Mexico State Land Office. *Please see attached survey map for precise locational information and land ownership.*

18. Survey Field Methods:

Intensity: ☒ 100% coverage ☐ <100% coverage

Configuration: ☒ block survey units ☐ linear survey units (l x w): ☐ other survey units (specify):

Scope: ☒ non-selective (all sites recorded) ☐ selective/thematic (selected sites recorded)

Coverage Method: ☒ systematic pedestrian coverage ☐ other method (describe)

Survey Interval (m): 15 Crew Size: 2 Fieldwork Dates: 5/16/2024 (1 Day)

Survey Person Hours: 8 Recording Person Hours: 0 Total Hours: 8

Additional Narrative:

The project area was delineated by coordinates marked on maps provided by the client, Souder Miller and Associates. Two archaeologists used known topographic landmarks and associated project coordinates in conjunction with GPS units to locate accurate project boundaries. The survey crew walked multiple, parallel, non-overlapping transects spaced at approximately 50 ft (15 m) intervals, in accordance with New Mexico State Land Office guidelines. All cultural resources encountered were documented (If present) and these resources are categorized as I.O.s (Isolated Occurrences) or archaeological sites.

No new archaeological sites or historic properties (built environment) were encountered during the current survey. During a preliminary records search of state and federal files no archaeological sites or historic built structures were noted within one mile of the survey area. The nearest previously recorded site (LA 138431) is located more than 6,000 feet (southwest) of the proposed project area (proposed area of potential effect) and will not be affected by any of the activities planned for this parcel. No isolated occurrences were observed within the survey area.

19. Environmental Setting (NRCS soil designation; vegetative community; elevation; etc.):

The project area is located within a dunal desert rangeland that has been impacted by numerous sheet washing events and wind erosion. The vegetation consists of mesquite, and assorted range grasses and forbs which provide 75-100 percent surface visibility. The soil consists of light tan silty sand with a large amount of intermixed caliche gravel. NRCS Soil Classification: Ratliff Wink fine sandy loam, Simona fine sandy loam and Mowbeetie Potter Association which is defined as a sandy silty loam with sparce surface gravels. The elevation within the project area is approximately 3360 and 3380 feet above mean sea level (AMSL).

20. a. Percent Ground Visibility: 75-100 percent b. Condition of Survey Area (grazed, bladed, undisturbed, etc.):

Disturbed (roughly 70% of survey area is previously disturbed) by roadway maintenance as well as activities related to the maintenance and upkeep of the roadway and existing buried pipeline.

21. CULTURAL RESOURCE FINDINGS ☐ Yes, See Page 3 ☒No, Discuss Why:

None Present, a portion of the survey area (70 percent) has been previously surveyed (two previous cultural resource surveys) for past undertakings and no cultural resources were noted.

22. Required Attachments (check all appropriate boxes):
☒ USGS 7.5 Topographic Map with sites, isolates, and survey area clearly drawn
☒ Copy of NMCRIS Mapserver Map Check
☐ LA Site Forms - new sites (*with sketch map & topographic map)*
☐ LA Site Forms (update) - previously recorded & un-relocated sites (*first 2 pages minimum)*
☐ Historic Cultural Property Inventory Forms
☐ List and Description of isolates, if applicable
☐ List and Description of Collections, if applicable

23. Other Attachments:
☐ Photographs and Log
☒ Other Attachments
(Describe): Client Release Location Map-Google Satellite Imagery

24. I certify the information provided above is correct and accurate and meets all applicable agency standards.

Principal Investigator/Responsible Archaeologist: Michael Stowe, M.A., RPA

Signature _____ Date 5/20/24 Title (if not PI): Principal Investigator

25. Reviewing Agency:
Reviewer's Name/Date

Accepted ( ) Rejected ( )

Tribal Consultation (if applicable): ☐ Yes ☐No

26. SHPO
Reviewer's Name/Date:

HPD Log #:
SHPO File Location:
Date sent to ARMS:

CULTURAL RESOURCE FINDINGS

[fill in appropriate section(s)]

1. NMCRIS Activity No.:	2. Lead (Sponsoring) Agency:	3. Lead Agency Report No.:
155557	New Mexico State Land Office	N/A

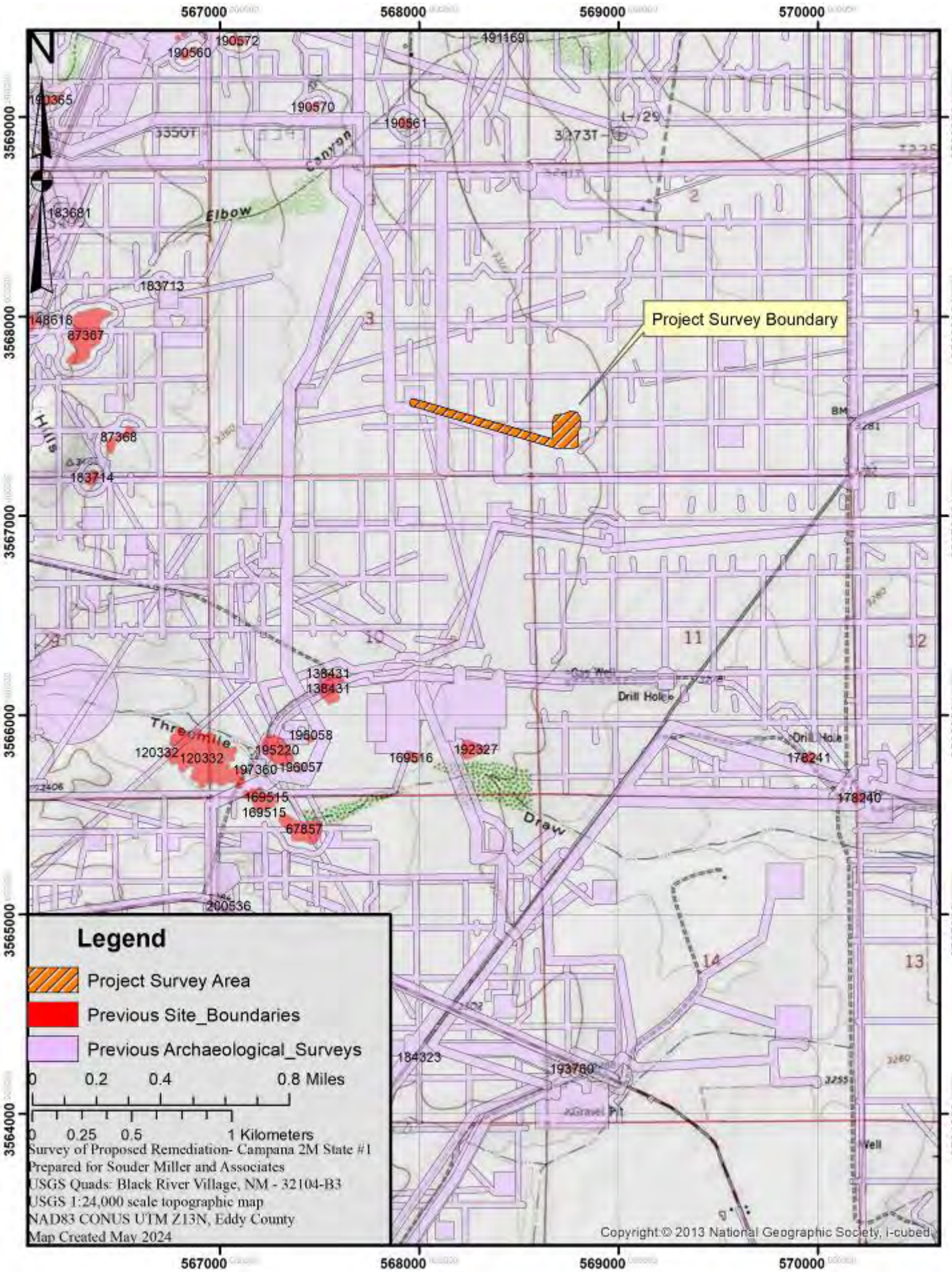
SURVEY RESULTS:
Sites discovered and registered: 0
Sites discovered and NOT registered: 0
Previously recorded sites revisited (*site update form required*): **0**
Previously recorded sites not relocated ***(site update form required):*** **0**

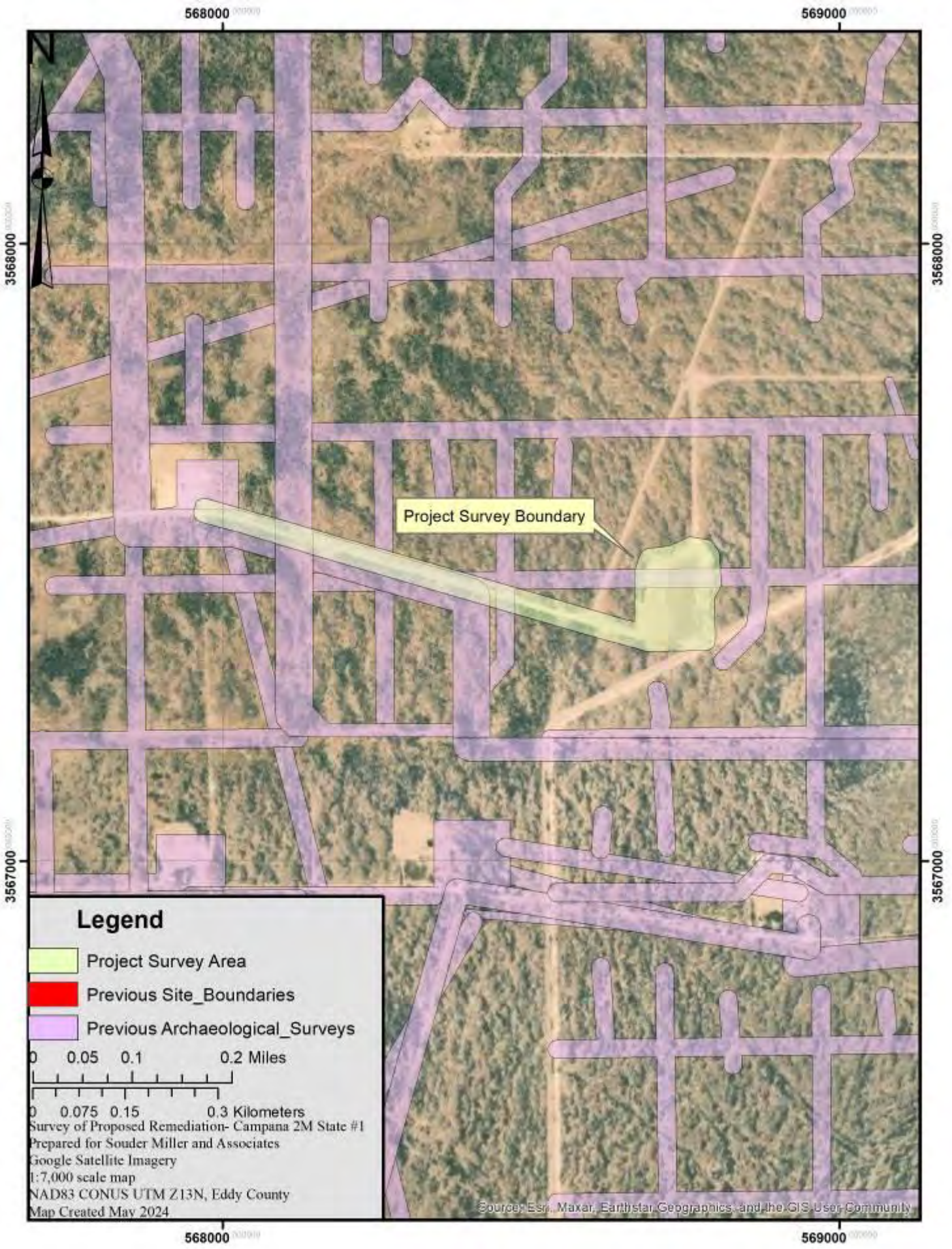
TOTAL SITES VISITED: 0
Total isolates recorded: 0 **Non-selective isolate recording?** ☐
Total structures recorded (*new and previously recorded, including acequias*): **0**

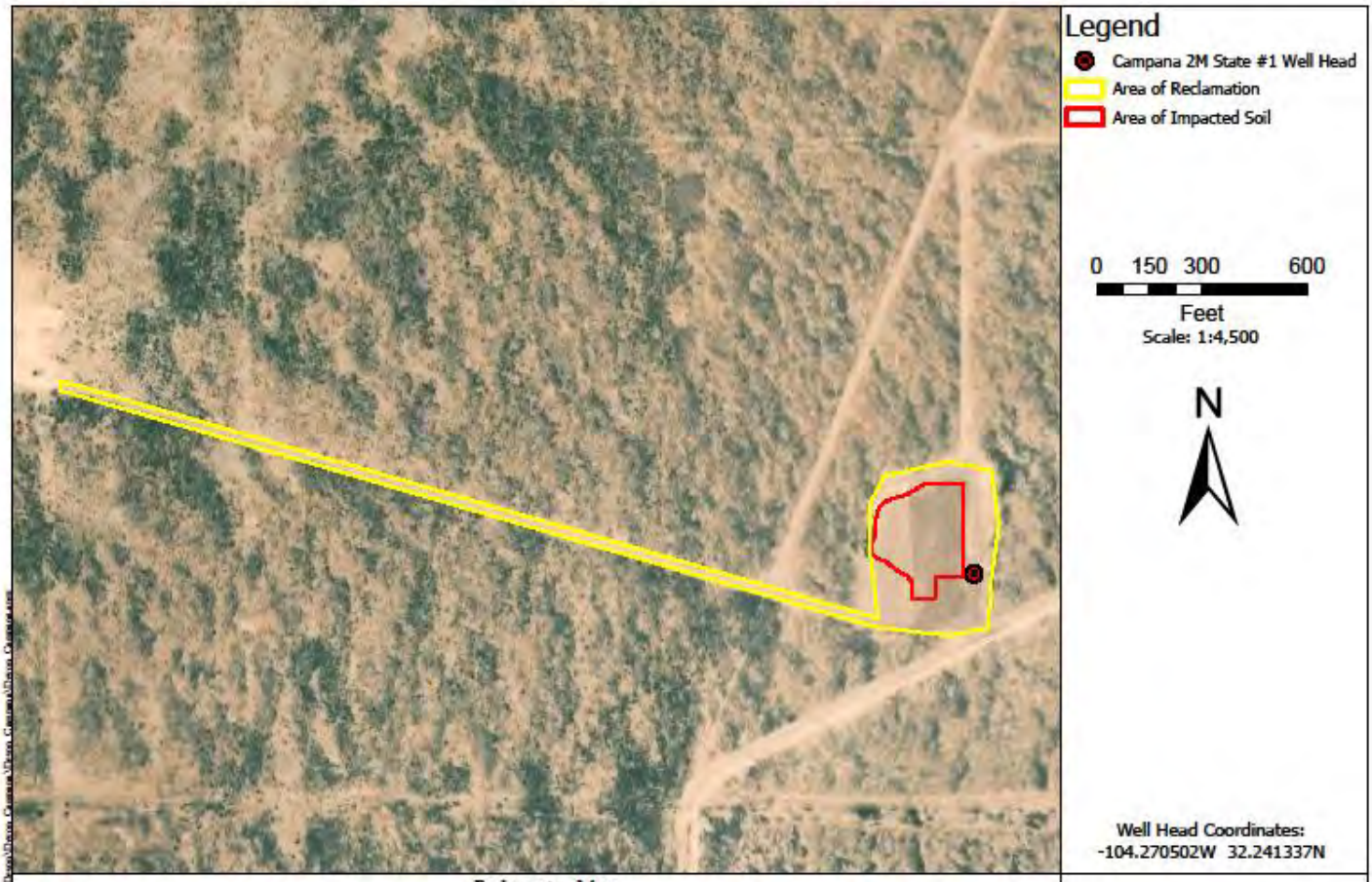
MANAGEMENT SUMMARY:

No new archaeological sites or historic properties (built environment) were encountered during the current survey. During a preliminary records search of state and federal files no archaeological sites or historic built structures were noted within one mile of the survey area. The nearest previously recorded site (LA 138431) is located more than 6,000 feet (southwest) of the proposed project area (proposed area of potential effect) and will not be affected by any of the activities planned for this parcel. No isolated occurrences were observed within the survey area.

Archaeological clearance for the survey parcel for proposed remediation of the Campana 2M State #1 and associated road located within Sections 2 and 3, Township 24 South, Range 26 East in Eddy County, New Mexico is recommended to proceed as currently defined. The New Mexico State Land Trust and Advanced Archaeological Solutions should be immediately notified if cultural resources are encountered during the clean-up phase of this undertaking.


Project Survey Boundary
Legend
Project Survey Area
Previous Site_Boundaries
Previous Archaeological_Surveys
0 0.2 0.4 0.8 Miles
0 0.25 0.5 1 Kilometers
Survey of Proposed Remediation- Campana 2M State #1
Prepared for Souder Miller and Associates
USGS Quads: Black River Village, NM - 32104-B3
USGS 1:24,000 scale topographic map
NAD83 CONUS UTM Z13N, Eddy County
Map Created May 2024
Copyright © 2013 National Geographic Society, i-cubed
567000
568000
569000
570000
3569000
3568000
3567000
3566000
3565000
3564000
Elbow
Canyon
Threemile
Draw
Hills
Drill Hole
Gas Well
Gravel Pit
Well


568000
569000
3568000
3567000
N
Project Survey Boundary
Legend
Project Survey Area
Previous Site_Boundaries
Previous Archaeological_Surveys
0 0.05 0.1 0.2 Miles
0 0.075 0.15 0.3 Kilometers
Survey of Proposed Remediation- Campana 2M State #1
Prepared for Souder Miller and Associates
Google Satellite Imagery
1:7,000 scale map
NAD83 CONUS UTM Z13N, Eddy County
Map Created May 2024
Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



Reclamation Map
Campana 2M State #001 - Devon Energy Production Co.
UL: M S: 2 T: 24S R: 26E, Eddy County, New Mexico

Figure

Revisions
By: Date: Desc:
By: Date: Desc:

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Drawn Sarahmay Schlea
Date 4/26/2024
Checked
Approved

SMA

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Carlsbad, New Mexico 88221
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Project Survey Overview



Project Survey Overview



Project Survey Overview



Project Survey Overview



Project Survey Overview



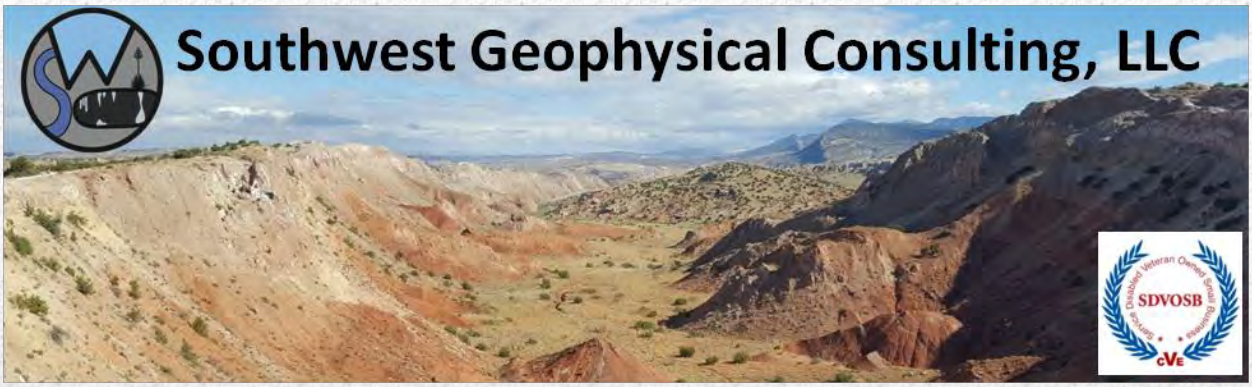
Project Survey Overview

Print


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1:36,112
0 0.25 0.5 1 mi
0 0.4 0.8 1.6 km
Site Boundaries
Approved
Proposed
HCPI Resources
Approved
Proposed
BLM Surface Ownership
Approved Archaeological Surveys
Proposed
Approved
Proposed
Bureau of Land Management
Private
State
Counties
Quadindex
Highways
Primary US and State Highways
Sources: Esri, USGS, CNES/Airbus DS, Intermap, Kartverket, LINZ, NASA, METI, NASA/NGA, NLS Finland, NLSI, Ordnance Survey, SK Geodesy, Esri, NMERIE
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APPENDIX E

Karst Survey Report



2D Electrical Resistivity Imaging Report
Devon Campana 2M State #001 Release
Eddy County, New Mexico

Prepared For:

Souder, Miller & Associates

201 South Halagueno Street

Carlsbad, NM 88221

☑ **Positive within 200 feet of release footprint**

☐ **Negative within 200 feet of release footprint**

☑ **Karst Monitor Recommended**

September 13, 2024

SMA-001-20240820

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MMXXIV

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1.0 INTRODUCTION

This report was commissioned by Souder, Miller & Associates (hereinafter referred to as "the client"), on August 20, 2024, for the purpose of conducting an environmental karst study within an area encompassing the Devon Campana 2M State #001 release site (hereinafter termed “DECA”) centered at N 32.506762° W 104.270466° using electrical resistivity imaging.

1.1 Goals of this Study

The goals of this study are to determine the likelihood of subsurface karst development and to provide the client with the location and depth of any anomalies that may be interpreted as karst features in or near the excavation pit for the DECA project site[1,2].

1.2 Summary of Findings

Two shallow anomalies interpreted as possible voids or related karst features are found within the DECA survey area. **The anomalies lie within or just outside of the western edge of the excavation pit**. See section **3.0 RESULTS** and **4.0 DISCUSSION** for more information.

Further excavation in this area is not recommended due to the proximity of these anomalies to the surface until and unless they are investigated by geotechnical methods (drilling). If excavation continues without verification, employing a Bureau of Land Management approved karst monitor on site is strongly recommended.

1.3 Affected Environment

The DECA project is located in evaporite karst terrain, a landform that is characterized by underground drainage through solutionally enlarged conduits. Evaporite karst terrain may contain sinkholes, sinking streams, caves, and springs. Sinkholes leading to underground drainages and voids are common. These karst features, as well as occasional fissures and discontinuities in the bedrock, provide the primary sources for rapid recharge of the groundwater aquifers of the region. Additionally, karst may develop by hypogene processes involving dissolution by upwelling fluids from depth independent of recharge from the overlying or immediately adjacent surface. Hypogene karst systems may not be connected to the surface and can remain undiscovered unless encountered during drilling or excavation.

Karst features are delicate resources that are often of geological, hydrological, biological, and archeological importance, and should be protected. The four primary concerns that need to be considered in these types of terrain are environmental issues, worker safety, equipment damage, and infrastructure integrity.

The Bureau of Land Management (BLM) categorizes all areas within the Carlsbad Field Office (CFO) zone of responsibility as having either low, medium, high, or critical cave potential based on geology, occurrence of known caves, density of karst features, and potential impacts to freshwater aquifers[3]. These designations are also recognized by the New Mexico State Land Office (NMSLO). This project occurs within a **HIGH** karst occurrence zone[4] (HKOZ) (**Figure 1**).

A high karst occurrence zone is defined as an area in known soluble rock types that contains a high frequency of significant caves and karst features such as sinkholes, bedrock fractures that provide rapid recharge of karst aquifers, and springs that provide riparian habitat[3].

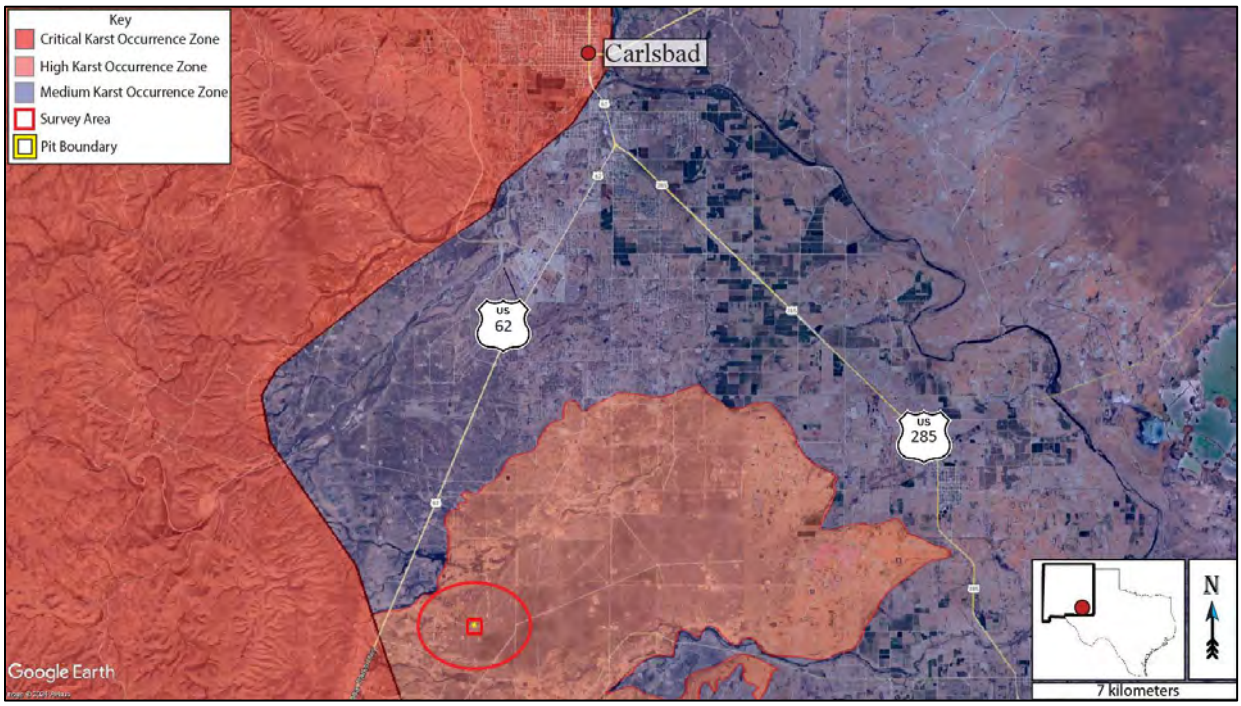


Figure 1: Karst occurrence zone overview. Background image credit: Google Earth. Image date: January 27, 2023. Image datum: WGS-84.

1.4 Limitations of Report

This report should be read in full. No responsibility is accepted for use of any part of this report in any other context or for any other purpose or by third parties. This report does not purport to give legal advice. Legal advice can only be given by qualified legal practitioners.

This report has been prepared for the use of Souder, Miller & Associates in accordance with generally accepted consulting practices. Every effort has been made to ensure the information in this report is accurate as of the time of its writing. This report has not been prepared for use by parties other than the client, their contracting party, and their respective advisors. It may not contain sufficient information for the purposes of other parties or for other uses.

This report was prepared upon completion of the associated fieldwork using a standard template prepared by Southwest Geophysical Consulting and is based on relevant information collected prior to fieldwork, conditions encountered on-site, and data collected during the fieldwork, all of which was reviewed at the time of preparation. Southwest Geophysical Consulting disclaims responsibility for any changes that might have occurred at the site after this time. The interpreted results, locations, and depths noted in this report (if applicable) should be taken as an interpretation only and no decision should be based solely on this information. Physical verification of geophysical results using geotechnical methods should be considered.

To the best of our knowledge, information contained in this report is accurate at the date of issue; however, conditions on the site can change over a short period of time and, therefore, the information in this report shall not be used beyond three years past the date of data collection in section ***2.3 Description of Survey***.

2.0 LOCATION AND DESCRIPTION OF STUDY AREA

2.1 Description of Site

The site is located 20.0 kilometers (12.4 miles) south of Carlsbad, New Mexico, northeast of the junction of U.S. Highway 62 and Black River Village Road in the SWSW ¼ section of section 2, NM T24S R26E[5] (**Figure 1** and **Figure 2**). The region has flat terrain with karstification occurring in the gypsite soils and underlying gypsum bedrock[6] (see section ***2.2 Local Geology Summary*** for further information). The region is semi-arid with an average annual precipitation of approximately 13 inches, of which about two-thirds falls as rain during summer thunderstorms from June to October. Summers are hot and sunny while winters are generally mild, with an average maximum temperature of 96°F in July and an average minimum temperature of 28°F in January[7]. This area is within the Chihuahuan Desert Thornscrub as defined by the Southwestern Regional ReGAP Vegetation map[8] and the vegetation consists mostly of areas of blue grama, nine-awned pappus grass, burro grass and low scrub including yucca. The entire survey site is located within an HKOZ[4] (**Figure 1**) and within NMSLO managed land[9] (**Figure 2**).

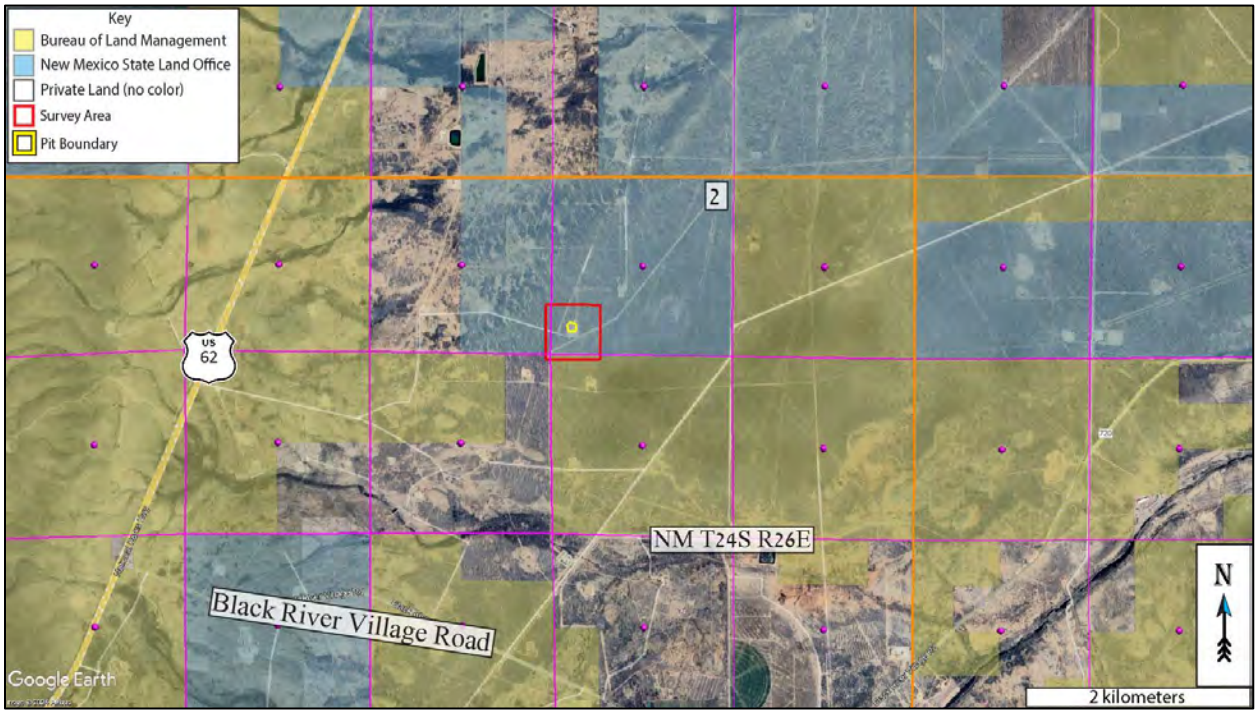


Figure 2: Land ownership[9] and PLSS[5] overview. Background image credit: Google Earth. Image date: January 27, 2023. Image datum: WGS-84.

2.2 Local Geology Summary

The survey site for the DECA project is located at an elevation of 1,005 meters (3,297 feet), ± 2 meters (6.6 feet), and is located within a region entirely underlain by the Permian Rustler Formation (Pru). The area is mantled by thin gypsiferous soils (gypsite) and Quaternary piedmont gravels (Qp) [10] up to 5 meters in depth (**Figure 3**).

The Rustler Formation is an evaporite facies and is composed mainly of thin siltstones and sandstones interbedded with claystones, dolomite and gypsum[11], and contains both karst-forming strata (the Forty-niner and Tamarisk members) and two shallow aquifers (the Magenta and Culebra Dolomite members)[12].

The Pru overlies the Permian Salado Formation (Psl), a layer of extremely soluble halite which can readily dissolve to create caves, sinkholes, and other karst features; however, due to its extremely soluble nature, only non-soluble silt and sand remain from the dissolution of this layer at the surface. The Rustler Formation may be subject to collapse if a void has developed beneath it in the Salado Formation[12]. The survey area is covered by the easily accessible Geologic Map of New Mexico (2003) at 1:500,000 scale[10].

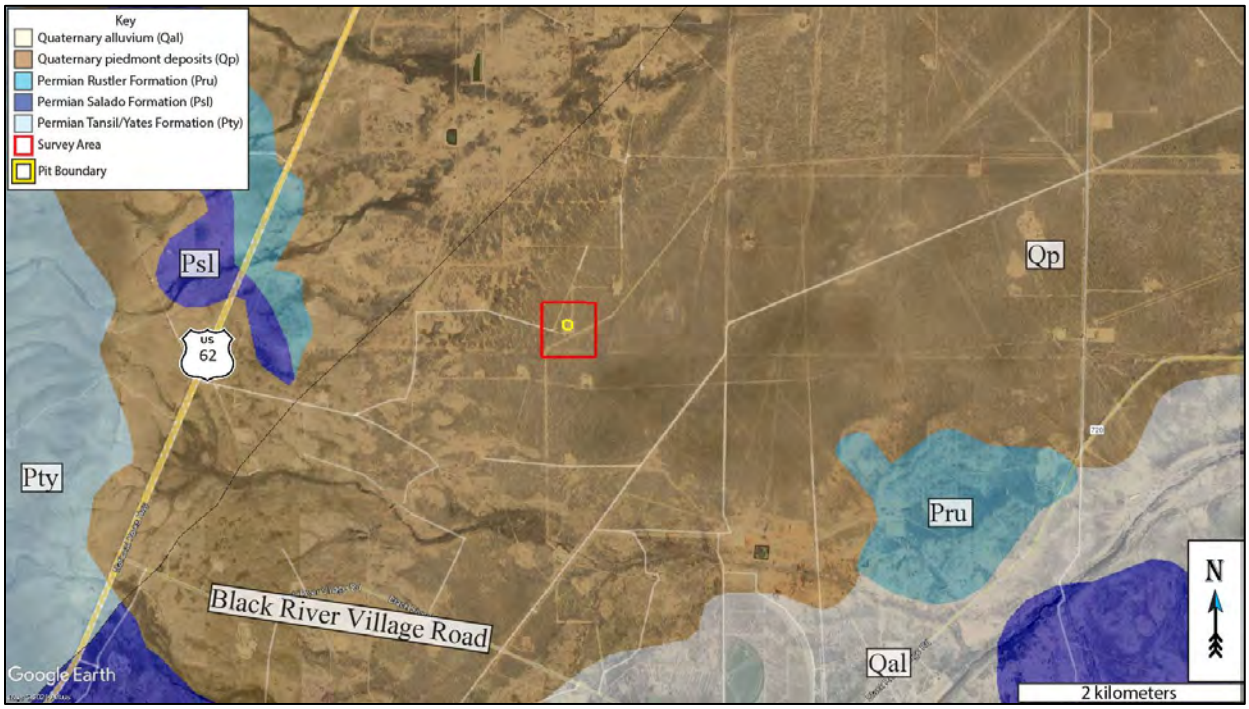


Figure 3: Geology overview. Map credit: The Digital Geologic Map of New Mexico in ARC/INFO Format[13], and Google Earth. Image date: January 27, 2023. Datum: WGS-84.

2.3 Description of Survey

For this survey, an Advanced Geosciences Inc. (AGI) SuperSting™ Wifi R8 with an eight-channel, 56-electrode switchbox, a 56-electrode array of 40-centimeter-long (16-inch) stainless-steel electrodes, and a tablet controller were used to image the subsurface. This survey consisted of two resistivity lines in a dipole-dipole strong-gradient configuration at 3-meter electrode spacing, resulting in 165-meter-long lines. Line 1 (DECA01) is laid out southeast-northwest and line 2 (DECA02) is laid out southwest-northeast.

The total number of electrodes placed was 112. Total combined length of this survey was 333 meters (1,093); the total area covered was 990 square meters (0.24 acres) (**Figure 4**, **Table 1**, and **APPENDIX 8.2**).

A preconfigured command file was used to run the data collection (DDSG56) which consisted of a dipole-dipole combined with a strong-gradient survey. This electrode configuration provided a depth of investigation of up to 33 meters (108 feet) in this location at a resolution of 1.5 to 2.0 meters (4.9 to 6.6 feet) near the surface. A Leica GS18 GPS was used to record electrode locations and elevations. On this survey, the estimated horizontal error mean was 7 cm (2.75 inches) and the estimated vertical error mean was 12 cm (4.7 inches).

APPENDIX 8.2 provides a detailed list of each electrode number, location in latitude/longitude (decimal degree format), and elevation in meters. EarthImager™ 2D software was used to download and process the data and to provide the model used to make our interpretations (**Table 2**). A typical starting model was used for the data processing due to the two-layer model of the geology in the area; specifically, generally high-resistivity gypsum and dolomite at the surface and low-resistivity saturated gypsum and dolomite bedrock at depth. The starting model used was “average apparent resistivity” and a default inversion setting of “surface,” with a minimum apparent resistivity set to 0.1 Ohm-meters (Ohm-m or Ω-m) and a max apparent resistivity set to 100,000 Ω-m (**Table 2**).

The field work for the DECA survey was completed over a two-day period by Garrett Jorgensen Olague, Britt Bommer, Steve Kesler, and Katherine Knight starting on August 28, 2024, for travel from Albuquerque, set up, and survey, and ending August 29, 2024, for equipment breakdown, stow, and travel back to Albuquerque.

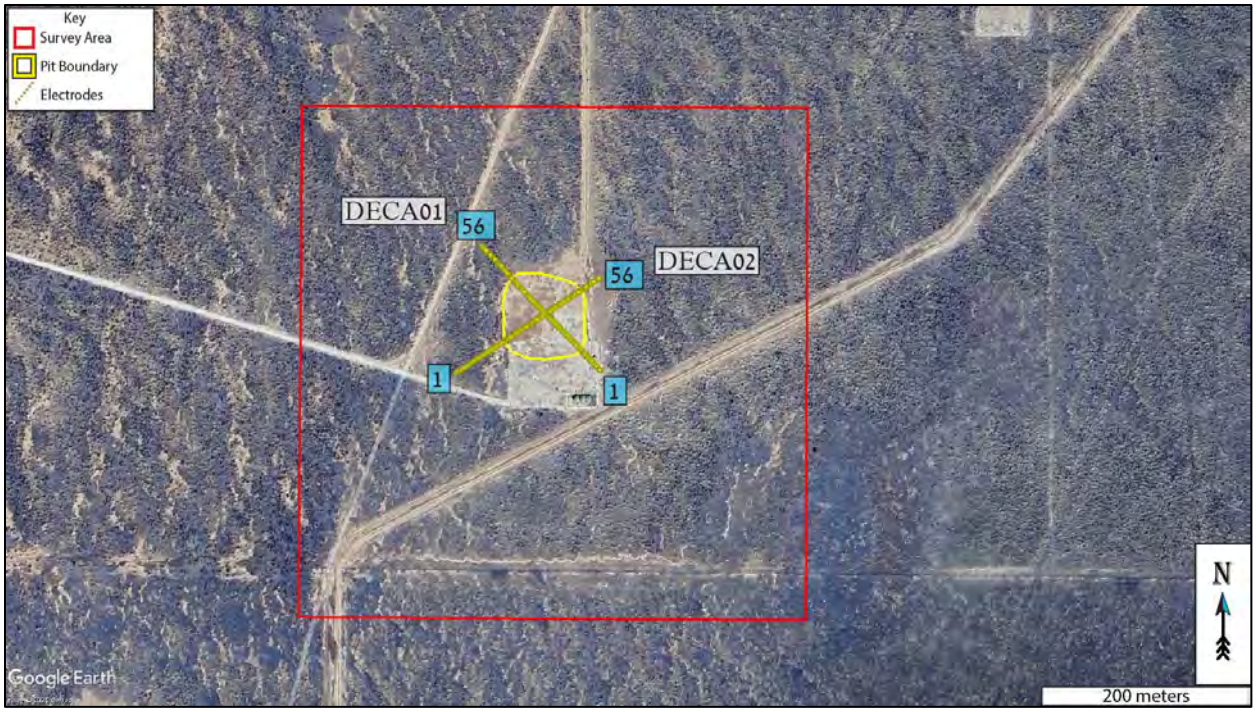


Figure 4: Survey overview. Two survey lines were conducted with 56 electrodes at 3-meter electrode spacing (yellow dots, numbered 1 – 56 using a blue background). Background image credit: Google Earth. Image date: January 27, 2023. Image datum: WGS-84.

3.0 RESULTS

Electrical resistivity tomography forms images of the subsurface by causing a current to flow through the rock and soil and then measuring the resistance of these materials as the current flows through them. This measurement is taken many times and the resulting data, once processed, is used to produce a model of the subsurface (**Table 2**). This model is produced using "non-unique" solutions, which means that there are many models and interpretations which will satisfy the data. Using experience and knowledge of the local geology, a high-confidence model can be established and used to develop an accurate understanding of what lies below the surface. This survey was conducted with the express purpose of locating subsurface voids and does not purport to find paleokarst (old, non-active karst features that have been filled in with sand and sediment) or nascent karst features below the resolution limit of the survey.

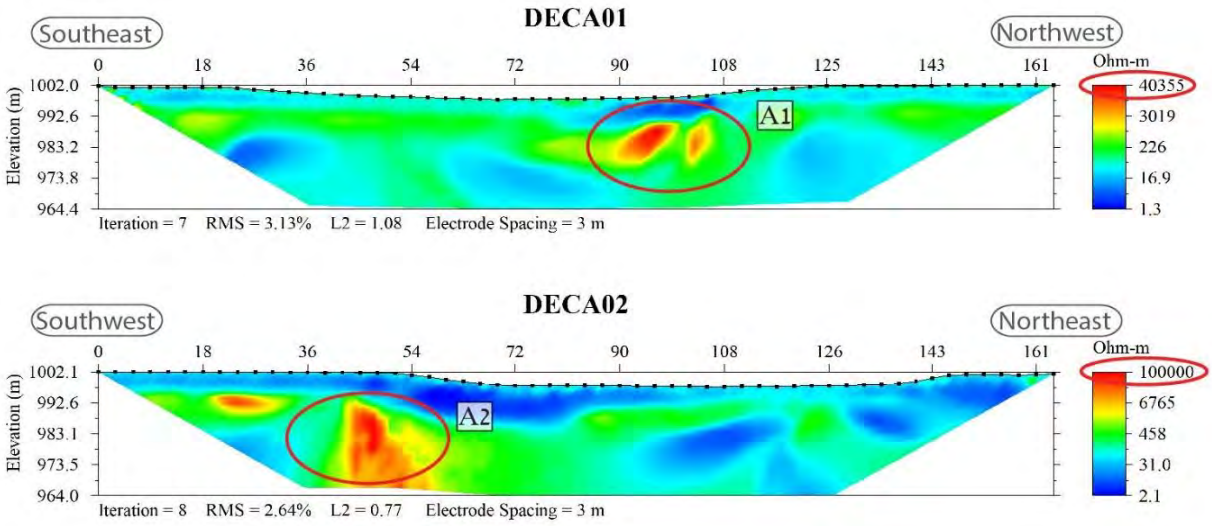


Figure 5: 2D inverted resistivity sections for DECA01 and DECA02. Reds and oranges indicate higher resistivity values. Yellows and greens are medium resistivity values. Blues are low resistivity values. The upper yellows are most likely caliche and gypsite soils. Blues are likely to represent clays or halite lenses in the Rustler Formation. Please note the high resistivity anomalies.

The results of this study (**Figure 5** and **Figure 6**) indicate a moderately chaotic layered geologic system with resistivities between 1.5 and 1,000 Ohm-m with occasional areas of up to 3,000 Ohm-m. Please keep in mind when viewing the 2D inverted resistivity sections that color maps can be widely different for each view. Always check the color map located on the right side of the image when viewing the 2D images to ensure you understand the range of resistivities presented. Distances along the top and depths along the left side are in meters. The color map along the right side is in Ohm-m. Due to the nature of the survey, shallower zones have higher resolution between electrodes than deeper zones; therefore, small features at depth will not be visible.

Results of the 2D resistivity imaging indicate two high resistivity anomalies: A1 (40,355 Ohm-meters [Ω-m]) located underneath electrode 34 of DECA01 at a depth of 18 meters; and A2 (>100,000 Ω-m) located underneath electrode 16 at a depth of 14 meters (Error! Reference s ource not found. and **Figure 6**).

4.0 DISCUSSION

The DECA survey area contains two high resistivity anomalies (A1 and A2, **Figure 5** and **Figure 6**) within the study area that could be interpreted as a subsurface karst development.

A1 is located within the northwest corner of the excavation pit under electrode 34, line DECA01 (N 32.241715°, W 104.270644°), at a depth of approximately 18 meters. This feature could range in size from approximately 2 meters (6.6 feet) to no more than 4 meters (13.2 feet) in diameter (**Figure 6**).

A2 is located just outside of the southwest edge of the excavation pit under electrode 16, line DECA02 (N 32.241276°, W 104.270979°) at a depth of approximately 14 meters. This feature could be approximately 2 to 3 meters (6.6 to 9.9 feet) in diameter (**Figure 6**).

These anomalies may represent a large continuous void or two smaller isolated voids, near-surface solution-enlarged fractures within gypsite, or possibly an evaporite layer in the Rustler Formation. Such a feature could be associated with groundwater recharge and may also represent a collapse hazard. It is also possible that this anomaly represents a sandstone lens or sand-filled fracture. A geotechnical study should be considered to resolve these interpretations.

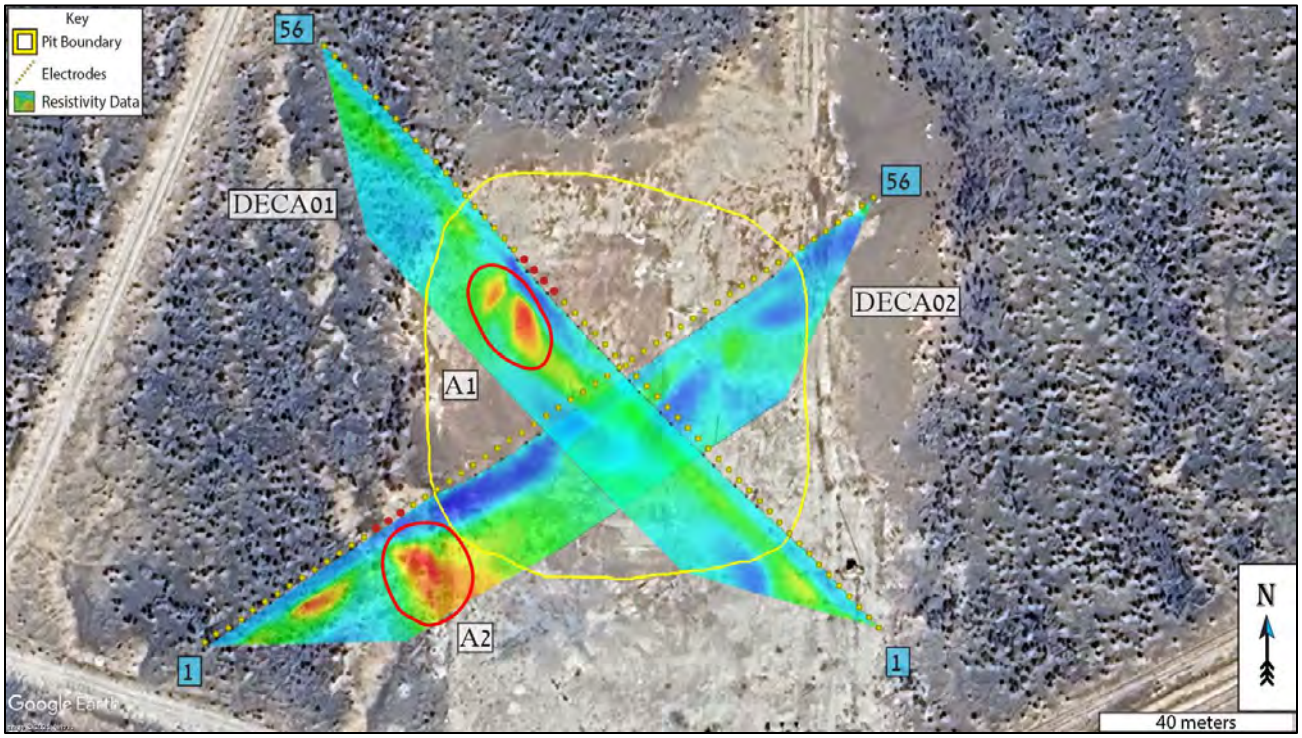


Figure 6: Resistivity sections overlay. Please note that the sections are rotated by 90 degrees to display them in map view, and that the sections lie vertically underneath the electrodes. For example, anomalies A1 and A2 are located beneath the electrodes highlighted in red and not underneath the red polygons. Background image credit: Google Earth. Image date: January 27, 2023. Image datum: WGS-84.

Until and unless a geotechnical study (specifically drilling) is commissioned to verify our interpretations, further excavation at this site is not recommended due to the proximity of these anomalies to the surface. **If excavation continues without verification, employing a Bureau of Land Management approved karst monitor on site is strongly recommended**.

No other anomalies interpreted as large near-surface voids are located within the study area. However, small air- or sediment-filled voids and/or brecciated zones and solutionally enlarged fractures that are below the resolution limit of the survey (1.5 to 2 meters) may exist; these small voids may be encountered during excavation and if so, should be evaluated by a karst specialist prior to continuation of the excavation.

Higher-than-average resistivity areas located less than 10 meters beneath the surface are interpreted as dry caliche or gypsite soils. Areas of moderate resistivity (yellows and greens) near the surface are interpreted as dry caliche soils and gypsum bedrock of the Rustler Formation[12]. Areas of extremely low resistivity between 1.5 and 3 Ohm-meters may be associated with the fluid release, but are more likely regions of clay-rich soil that were observed to exist within the excavation. The remainder of the data are typical resistivities for this area (**Figure 5** and **Figure 6**).

5.0 SUMMARY

5.1 Recommendations

- **The DECA survey area contains two high resistivity anomalies (A1 and A2) interpreted as air-filled voids or related karst features.**
- A geotechnical study should be commissioned to verify these interpretations.
- Unless and until a geotechnical study is conducted, further excavation should not be conducted for the safety of equipment operators and to prevent damage to equipment.
- Other small voids or solutionally enlarged fractures below the resolution limit of the survey may be encountered during excavation.
- When conducting any remediation activities in this area, employing a BLM-CFO approved karst monitor on site is strongly recommended.

5.2 Disclosure Statement

This area is prone to rapid karst formation and warrants careful planning and engineering to mitigate karst-forming processes that could be accelerated by removal of surface cover or the vibrations associated with heavy equipment used in the remediation process.

Mitigation measures for any karst features revealed during excavation shall be approved by the Bureau of Land Management – Carlsbad Field Office and follow the Natural Resources Conservation Service Conservation Practice Standard for Karst Sinkhole Treatment, Code 527, or the Bureau of Land Management Cave and Karst Management Handbook, H-8380-1.

Keep in mind that any flow of gypsum-undersaturated waters into a small crack or crevice can rapidly dissolve the surrounding gypsum and cause catastrophic failure of any impoundment or infrastructure within a matter of months to a few years. It is imperative that any dikes, buffers, or liners installed are checked regularly for integrity, with repairs made immediately upon discovery of failure.

Vigilance during remediation activities is paramount. If voids are encountered during excavation, contact the Bureau of Land Management Karst Division at (575) 234-5972, the New Mexico State Land Office Surface Resources Division at (505) 827-5768, or a BLM-CFO-approved karst contractor and request an on-site investigation from a karst expert if one is not already on site. A karst consultant can generally be available in Eddy County within five hours.

Approved karst monitors should have karst feature identification training, at least two years of supervised experience identifying karst features, wilderness first aid training, SRT training, confined space training, gas monitor training, and a minimum of SPAR cave rescue training through NCRC. They should have with them the proper gear and be prepared both physically and mentally to enter a collapse feature within minutes to perform a rescue if needed. Monitoring services with qualified karst monitors, as well as cave surveys and geophysical surveys, are available from Southwest Geophysical Consulting.

Under no circumstances should an untrained, inexperienced person enter a cave, pit, sinkhole, or collapse feature. All field employees of Southwest Geophysical Consulting have extensive caving experience and the ability to determine whether entry into a karst feature is safe or presents a hazard. In the event it is necessary to enter a karst feature, Southwest Geophysical Consulting can provide these services on request.

Cave and karst resource inventory reports, karst feature investigations, and geophysical reports commissioned at the request of the land manager should be submitted to:

BLM-CFO: blm_nm_karst@blm.gov

Cave and karst resource inventory reports for the NMSLO should be submitted to the respective project manager.

6.0 REFERENCES

1 Decker, D. & Jorgensen, G. L. *Environmental Karst Surveys White Paper* (Southwest Geophysical Consulting, LLC, 2024).

2 Division, O. C. *Title 19, Chapter 15, Part 29* (Oil Conservation Division, 2018).

3 Goodbar, J. R. Vol. BLM Management Handbook H-8380-1 (ed Carlsbad Field Office) 59 (Bureau of Land Management, Denver, CO, 2015).

4 Rybacki, K. (Bureau of Land Management - Carlsbad Field Office, 2020).

5 Earthpoint. *Earthpoint Tools for Google Earth*, <https://www.earthpoint.us/Townships.aspx> (2022).

6 Decker, D. D., Land, L. & Luke, B. Characterization of Playa Lakes in the Gypsum Karst of Southeastern New Mexico and West Texas, USA. *Oklahoma Geological Survey Circular 113* **113** (2021).

7 W.R.C.C. *National Climate Data Center 1981-2010 Normal Climate Summary for Carlsbad, New Mexico (291469)*, 2010).

8 Whitehead, W. & Flynn, C. *Plant Utilization in Southeastern New Mexico: Botany, Ethnobotany, and Archaeology*. (Bureau of Land Management, Carlsbad Field Office, 2017).

9 NMSLO. Digital overlay (KML) of the surface land ownership in New Mexico (New Mexico State Land Office, Santa Fe, NM, 2016).

10 Scholle, P. A. Geologic Map of New Mexico. (2003).

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12 Goodbar, J. R. in *20th National Cave and Karst Management Symposium* Vol. 3 (eds Lewis Land & Mark Joop) 13 - 18 (National Cave and Karst Research Institute, Carlsbad, NM, 2013).

13 Green, G. N. & Jones, G. E. *The Digital Geologic Map of New Mexico in ARC/INFO Format*, <https://mrdata.usgs.gov/geology/state/state.php?state=NM> (1997).

7.0 ATTESTATION

David D. Decker, PhD, PG, CPG
Chief Executive Officer, Principal Geologist
Southwest Geophysical Consulting, LLC
5117 Fairfax Dr. NW
Albuquerque, NM 87114
dave@swgeophys.com
(505) 585-2550

CERTIFICATE OF AUTHOR

I, David D. Decker, a Licensed Professional Geologist and a Certified Professional Geologist, do certify that:

- I am currently employed as a consulting geologist in the specialty of caves and karst with an office address of 5117 Fairfax Dr. NW, Albuquerque, NM, USA, 87114.
- I graduated with a Master of Science in Applied Physics with a specialization in Sensor Systems from the Naval Post Graduate School in Monterey, California, in 2003, and a Doctor of Philosophy in Earth and Planetary Sciences from the University of New Mexico, Albuquerque, New Mexico, in 2018.
- I am a Licensed Professional Geologist in the State of Texas, USA (PG-15242) and have been since 2021. I am a Certified Professional Geologist through the American Institute of Professional Geologists (CPG-12123) and have been since 2021.
- I have been employed as a geologist continuously since 2016. I was previously employed as a Fire Controlman, Naval Flight Officer, and Aerospace Engineering Duty Officer in the U.S. Navy and operated, maintained, and installed various sensor systems including magnetic, electromagnetic, radar, communications, and acoustic systems in various capacities from 1986 through 2010.
- I have been involved in various aspects of cave and karst studies continuously since 1985, including exploration, mapping, and scientific studies.
- I have read the definition of “qualified karst professional” set out in the ASTM Standard Practice for Preliminary Karst Terrain Assessment for Site Development (ASTM E-1527). I meet the definition of “qualified professional” for the purposes of this standard.
- I am responsible for the content, compilation, and editing of all sections of report number SMA-001-20240820 entitled, “2D Electrical Resistivity Imaging Report, Devon Campana 2M State #001 Release, Eddy County, New Mexico.” I or a duly authorized representative of Southwest Geophysical Consulting, LLC, have personally visited the site and/or reviewed the aerial imagery on the date or dates mentioned in section ***2.3 Description of Survey***.

- I have no prior involvement nor monetary interest in the described property or project, save for my fee for conducting this investigation and providing the report.

Dated in Albuquerque, New Mexico, September 19, 2024.

David D. Decker
PhD, CPG-12123



8.0 APPENDICES

8.1 Glossary of Terms

ACEC	Area of Critical Environmental Concern
AGI	Advanced Geosciences Inc.
BLM-CFO	Bureau of Land Management - Carlsbad Field Office
brecciated	Fractured rock caused by faulting or collapse.
caprock-collapse sinkhole	Collapse of roof-spanning rock into a cave or void.
cave	Natural opening at the surface large enough for a person to enter.
cover-collapse sinkhole	Collapse of roof-spanning soil or clay ground cover into a subsurface void.
ERI	Electrical Resistivity Imaging
GPS	Global Positioning System
grike	A solutionally enlarged, vertical, or sub-vertical joint or fracture.
HKOZ	High Karst Occurrence Zone
InSAR	Interferometric Synthetic Aperture Radar. A method by which radar signals from satellites are processed to determine the amount and rate of subsidence of an area as well as whether the area is actively subsiding.
karst	A landscape containing solutional features such as caves, sinkholes, swallets, and springs.
LED	Locally enclosed depression. A natural depression on the surface that collects rainwater. Some contain swallets and/or caves, others do not.
LKOZ	Low Karst Occurrence Zone
MKOZ	Medium Karst Occurrence Zone
NCRC	National Cave Rescue Commission
NKF	Non-karst feature. Used for features originally identified as PKF that have been subsequently identified in the field as non-karst related. This term may also be used for pseudokarst features.
NMSLO	New Mexico State Land Office
Ohm-m	Ohm-meter, a unit of measurement for resistivity. Also sometimes abbreviated Ω-m.
paleokarst	Previously formed karst features that have been filled in by erosion and/or deposition of minerals.
Pat	Permian Artesia Group
Pc	Permian Capitan Formation
Pcs	Permian Castile Formation

Pdl	Permian Dewey Lake Formation
PKF	Possible karst feature. This term is reserved for features identified in satellite or aerial imagery that have NOT been visited in the field. Further modifiers include (H) for high confidence, (M) for medium confidence, and (L) for low confidence. These confidence levels are based on field experience.
PLSS	Public Land Survey System
Pqg	Permian Queen/Greyburg Formation
Pru	Permian Rustler Formation
Psl	Permian Salado Formation
Psr	Permian Seven Rivers Formation
Pt	Permian Tansill Formation
Py	Permian Yates Formation
pseudokarst	Karst-like features (sinkholes, conduits, voids etc.) that are not formed by dissolution. These types of features include soil piping, lava tubes, and some cover-collapse and suffosion sinkholes.
Py	Permian Yates Formation
Qal	Quaternary alluvium
Qp	Quaternary piedmont deposits
Qpl	Quaternary playa lake deposits
RKF	Recognized karst feature. This term is reserved for karst features that have been physically verified in the field.
SKF	Surface Karst Feature
SPAR	Small Party Assisted Rescue
suffosion sinkhole	Raveling of soil into a pre-existing void or fracture.
swallet	A natural opening in the surface, too small for a person, that drains water to an aquifer. Some are "open," meaning a void can be seen below; some are "closed, "meaning they are full of sediment.
SWG	Southwest Geophysical Consulting, LLC
UTM	Universal Transverse Mercator (projected coordinates)
WGS	World Geodetic System (geographic coordinates)

8.2 Electrode Data

Please see accompanying data files in **DECA_ERI_Points.xlsx** and **DECA_ERI_Points.kmz** within file **SMA-001-20240820_DECA_Data_Files.kmz** for detailed information on each electrode location.

Table 1: Survey Lines Data Table. Each .kml file contains all the points for the survey lines listed in the file name. These data are available in the accompanying file SMA-001-20240820_DECA_Data_Files.kmz.

File Name:	Completed By:	Date:
DECA01.kmz	Garrett Jorgensen Olague – Senior Field Geologist Britt Bommer – Field Geologist Steve Kesler – Field Technician Katherine Knight – Intern Field Geologist	8/28/2024
DECA02.kmz		8/28/2024

Raw data files (.stg files for EarthImager™ 2D) and processed data (.trn files, terrain files for surface correction in EarthImager™ 2D and .out files, the processed .stg files) are available upon request.

Table 2: Software Information and Settings

Software Name:	EarthImager™ 2D
Version:	2.4.4.649
Starting Model:	Average Apparent Resistivity
Default Inversion Settings:	Surface
Changes to Default Inversion Settings:	Max Apparent Resistivity = 100,000 Ω-m Min Apparent Resistivity = 0.1 Ω-m

APPENDIX F

Reclamation Activities Report with Reclamation Photolog

CAMPANA 2M STATE #001

BURIAL TRENCH RECLAMATION ACTIVITIES REPORT



Responsible Party	WPX Energy Permian, LLC (WPX)
Responsible Party and Consultant Contact Information	Responsible Party: Devon Energy Production, LP (formerly WPX) Project Manager: Jim Raley Ph: (701)-310-5197 Email: Jim.raley@dvn.com Consultant: Souder, Miller & Associates Project Manager: Stephanie Hinds (505) 793-7079 Email: Stephanie.hinds@soudermiller.com
Site Name	Campana 2M State #001
API	30-015-31725
NMSLO Lease #	GS11530000
NMOCD Incident #	Incident # not applicable OGRID 6137, 166431, 24689
PLSS and County	Unit M, Section 2 of Township 24S, Range 26E Eddy County, NM
Latitude and Longitude	32.241337, -104.270502

SMA
Souder, Miller & Associates
Engineering ♦ Environmental ♦ Geomatics
201 Halagueno Street ♦ Carlsbad, NM 88220
575.689.8801 ♦ www.soudermiller.com

Received by OCD: 2/11/2025 8:43:06 AM

1.0 Reclamation Activities

Reclamation activities for the Campana 2M State #001 included the following remediation steps, which are also detailed in the Campana 2M State #001 Burial Trench Closure Report.

- Removal of surface equipment, bulk storage tanks, piping, and other ancillary equipment used to operate the site.
- Removal of all non-native caliche from the well pad.
- Excavation and temporary stockpiling of contaminated soil related to the former reserve pit.
- Over-excavation of the pit to allow for the burial trench to be located four feet below native ground surface.
- Installation of a 30-mil Dura-Skrim N30B liner within the excavation.
- Backfilling the contaminated soil inside the liner and installing a top cover liner.

The following sections of this report detail the final reclamation activities, specifically the backfilling of the top four feet of soil, site contouring, ripping and seeding, installation of onsite burial marker, and planned ongoing reclamation monitoring. Photos related to these activities are included at the end of this report.

1.1 Backfilling Top Four Feet with Clean Topsoil

One foot of over-excavated, clean, loamy soil was placed on top of the cover liner from 3-4 feet below grade surface (bgs). Topsoil from an adjacent landowner was brought in and placed from surface level to 3 feet bgs. Topsoil was imported to the site and distributed to a thickness not exceeding that of the surrounding undisturbed area.

Nominal compaction of this upper 4 feet of soil was performed with construction equipment to minimize future settlement.

The imported topsoil was laboratory-analyzed to verify it met chloride concentration criteria from 19.15.17.13H(3) NMAC and was not impacted by oil-field activities prevalent in the area. The samples were laboratory analyzed via the following EPA Methods:

- Method 300.0 for chloride
- Method 8021B for benzene and BTEX
- Method 8015D for TPH (GRO, DRO, and MRO)
- USDA Method 20B for sodium adsorption ratio (SAR)

Laboratory results for all samples were below 600 mg/kg for chlorides, and below laboratory detection limits for all other parameters analyzed. Additionally, SAR results were less than 3, which is an indication that the soil is well suited for most crops and vegetation. Results are summarized in the following table.

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Topsoil Sample Results

Sample ID	Sample Date	Depth of Sample (feet bgs)	Method 300.0	Method USDA 20B	Method 8021B		Method 8015D			
			Cl-	SAR	BTEX	Benzene	GRO	DRO	MRO	Total TPH
			mg/kg	--	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
OCD Reclamation Criteria			600	--	--	--	--	--	--	--
TS-1	7/18/2024	0-4'	<60	0.29	<0.211	<0.023	<4.7	<9.5	<48	<62.2
TS-2	7/18/2024	0-4'	<60	0.51	<0.220	<0.024	<4.9	<9.4	<47	<61.3
TS-3	7/18/2024	0-4'	<60	0.17	<0.220	<0.024	<4.9	<8.6	<43	<56.5

TS : Topsoil Sample
SAR: Sodium Adsorption Ratio
bgs: below grade surface (composite sample)
mg/kg - milligrams per kilogram
BTEX - sum of bezene, toluene, ethylbenzene, xylenes
TPH - total petroleum hydrocarbons
GRO - gasoline range organics
DRO - diesel range organics
MRO - motor oil range organics

1.2 Site Contouring, Ripping and Seeding

Reclamation of the site included disking and contouring the final pad area, as well as areas adjacent to the former pad and access road from the west. The reclaimed areas were cross-ripped to a minimum of 18 inches with furrow spacing of 2 feet. Soil was contoured to match the surrounding grade. Final site contouring matches the surrounding grade and directs runoff such that there is no pooling or unnatural flow patterns. Note that some settling may occur. Should reclamation inspections indicate too much settling, additional topsoil may be placed and seeded.

Erosion control measures included prompt revegetation with contouring the surface to limit opportunities for concentrated surface water flow. A seed mix approved for loamy sites was applied at a rate of 18.0 total pure live seed (PLS)/acre.

The former access road was bermed at the entrance to discourage vehicles from entering the reclaimed areas. Seed was broadcast on the berm to encourage stabilization.

1.3 Installation of the Onsite Burial Marker

A burial marker was placed in the center of the former Campana 2M State #001 pad on January 13, 2025. The marker was installed per the conditions set by OCD, including a 4” x 4” plate noting the operator name, lease name, well number and location, and a noted “On-Site Burial”.

1.4 Ongoing Reclamation Monitoring

The revegetated area will be monitored for natural life-forms including plant cover, until at least 70% representative coverage is achieved. Noxious weeds will be identified and treated by licensed contracted herbicide applicators or mechanically removed. Through site visits, noxious and invasive weeds will be identified, inventoried and treated by a licensed contracted herbicide applicator or mechanically removed. At a minimum, semi-annual inspections will be performed for the location until revegetation is consistent with local natural vegetation density.

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The operator will notify NMOCD and SLO when revegetation and reclamation are considered complete, including completion of a C-103 form, and a Final Reclamation Report and Reclamation Closure Request will be submitted to SLO.

2.0 Scope and Limitations

The scope of our services included planning and observation of: excavation of the former reserve pit, onsite reburial of the reserve pit within a liner, backfilling the top four feet with topsoil, and reclamation of the site. All work has been performed in accordance with generally accepted professional environmental consulting practices for oil and gas operations in the Permian Basin in New Mexico.

If there are any questions regarding this report or site conditions, please contact SMA at (505) 325-7535.

Submitted by:
SOUDER, MILLER & ASSOCIATES

Stephanie Hinds, P.E.
Senior Engineer

Reviewed by:

Reid S. Allan, P.G.
Principal Scientist

Attachments: Reclamation Photolog

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Photo 1. Reclaimed well pad, view to north.

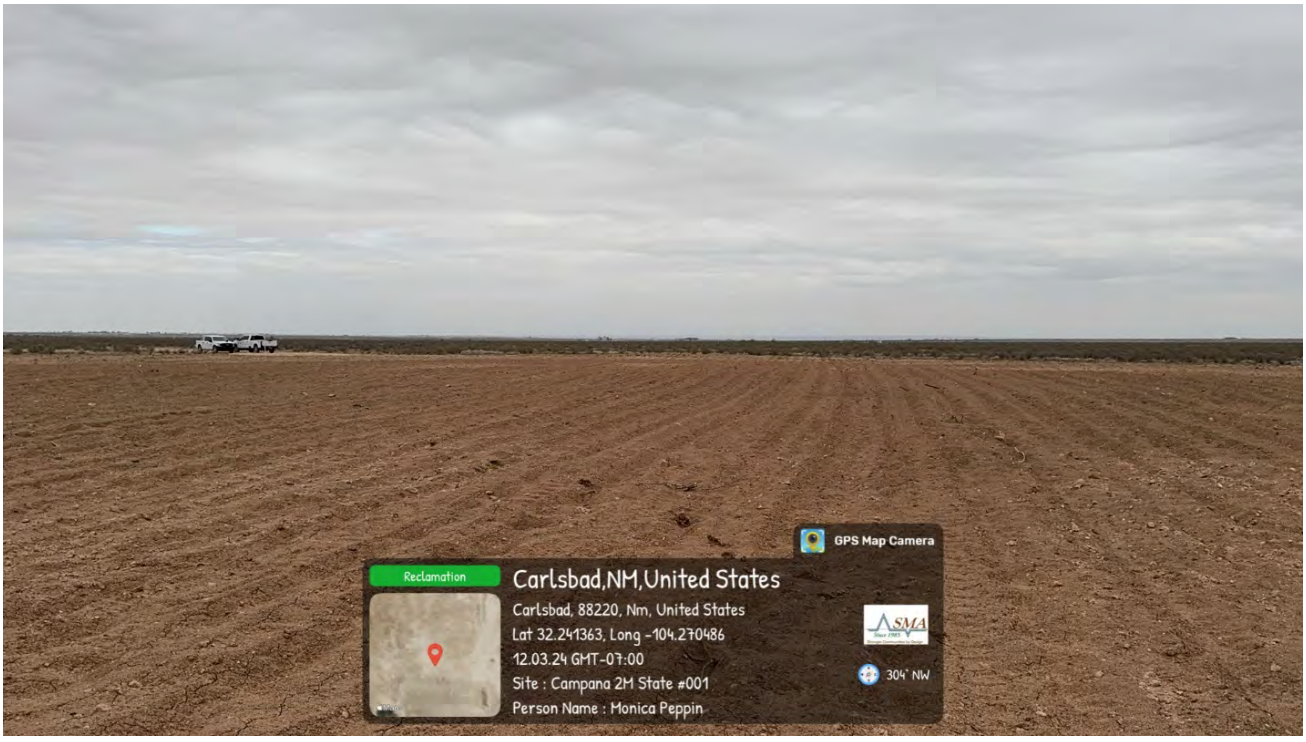


Photo 2. Reclaimed well pad, view to east.

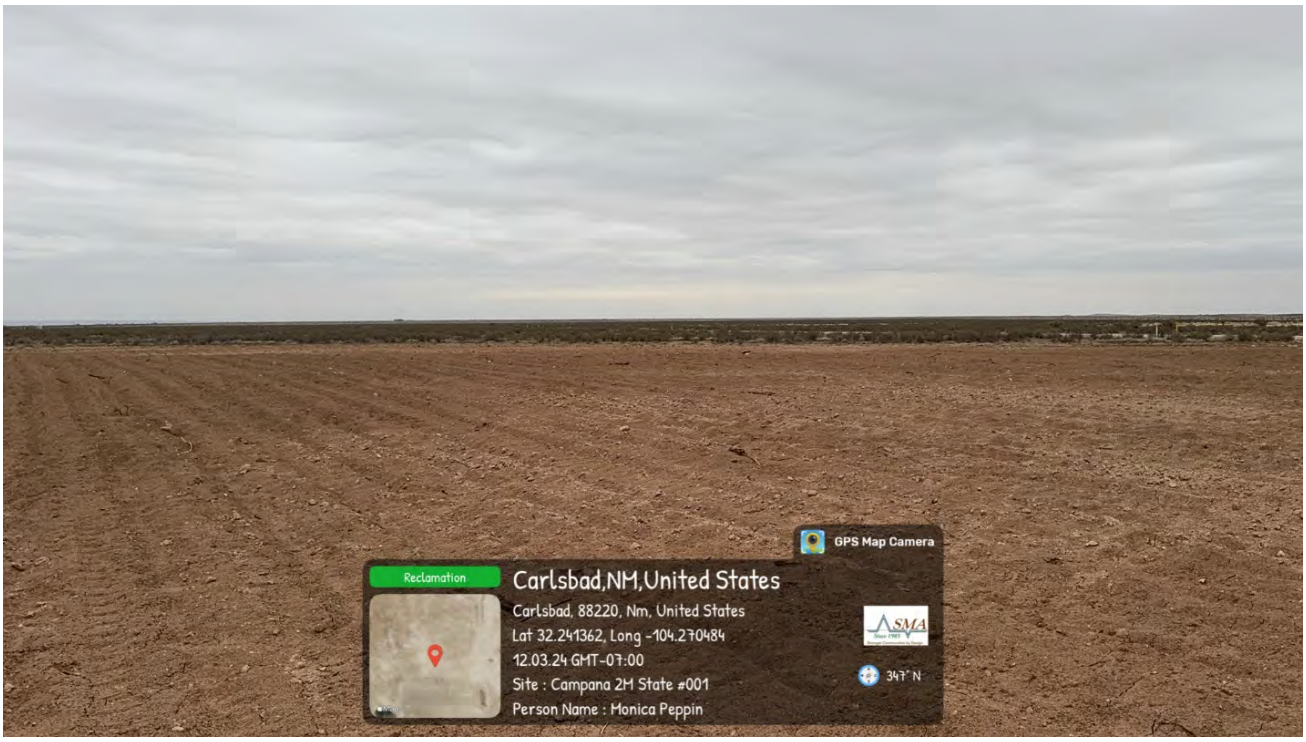


Photo 3. Reclaimed well pad, view to south.

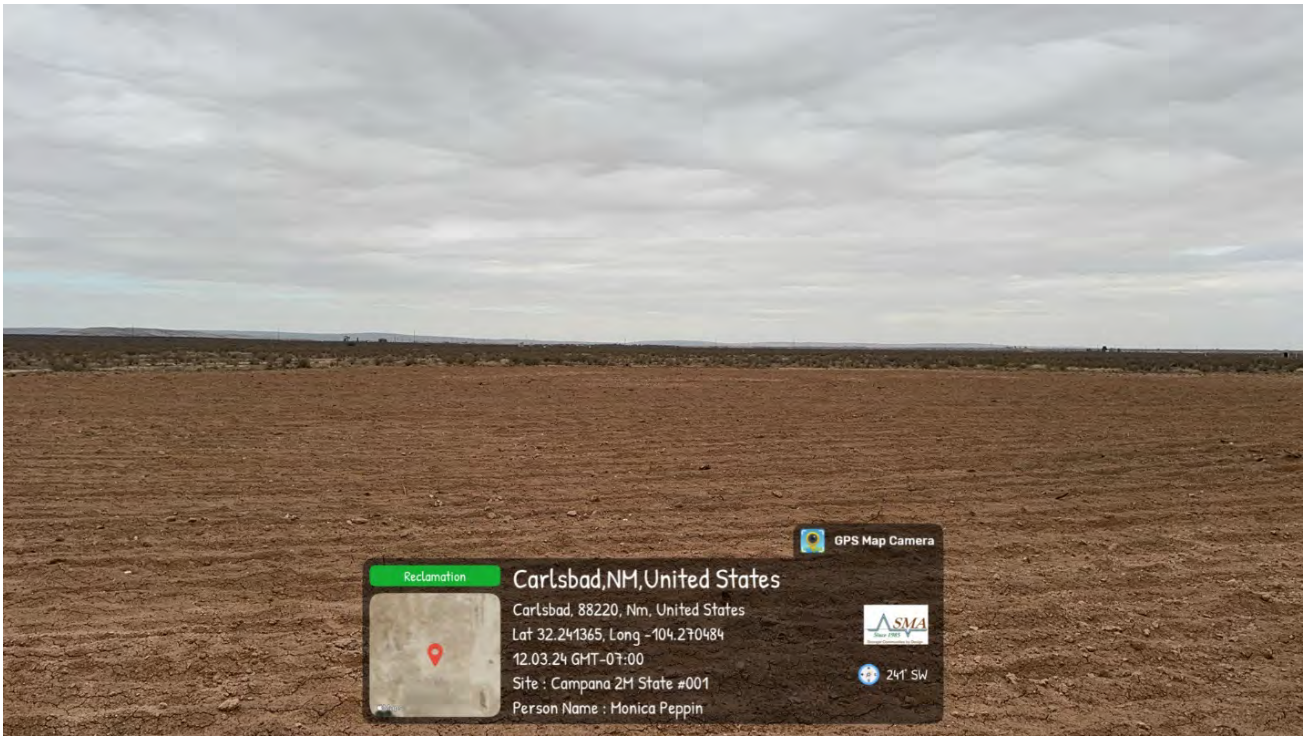


Photo 4. Reclaimed well pad, view to west.



Photo 5. Additional view of reclaimed pad. Photo taken by Kelly Oilfield Services.



Photo 6. Additional view of reclaimed pad. Photo taken by Kelly Oilfield Services.



Photo 7. Aerial view of reclaimed well pad. Photo taken by Devon on December 3, 2024.



Photo 8. Aerial view of reclaimed well pad. Photo taken by Devon on December 3, 2024.



Photo 9. Aerial view of reclaimed well pad. Photo taken by Devon on December 3, 2024.

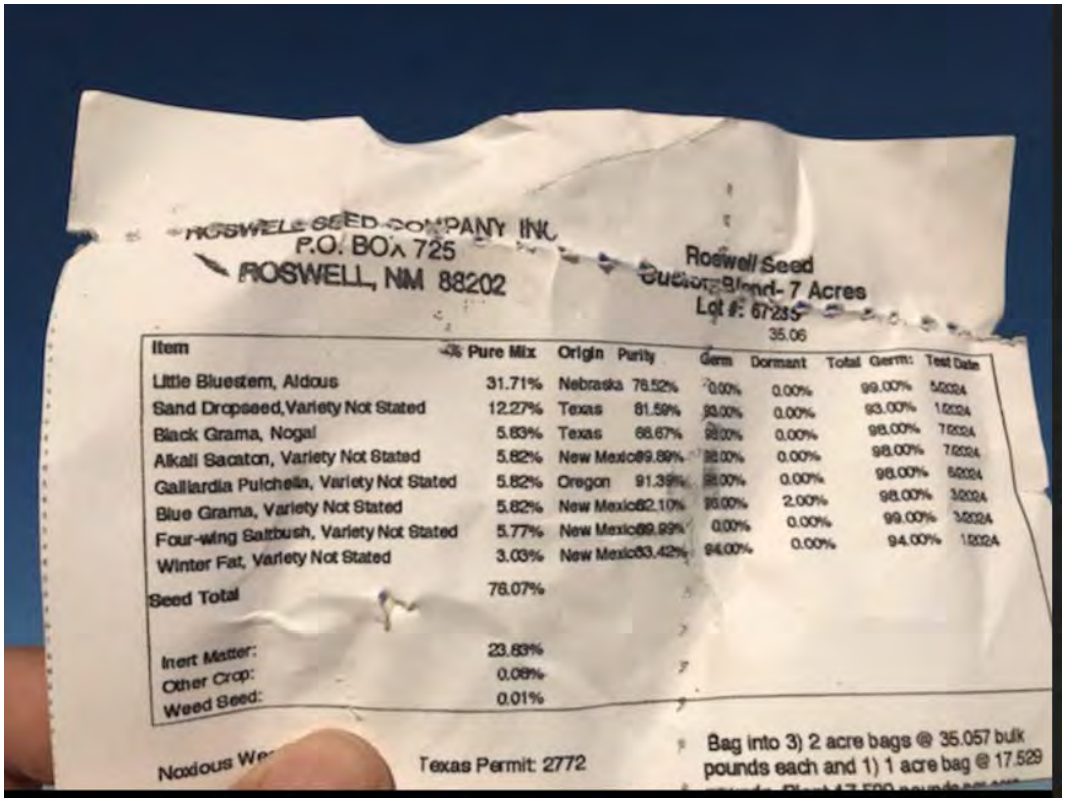


Photo 10. Seed mix applied. SLO loamy sites mix.



Photo 11. Onsite burial marker post.



Photo 12. Onsite burial marker.



Photo 13. Reclaimed access road from Campana site to Mallon Bell well pad, shown in distant background.



Photo 14. Reclaimed access road.

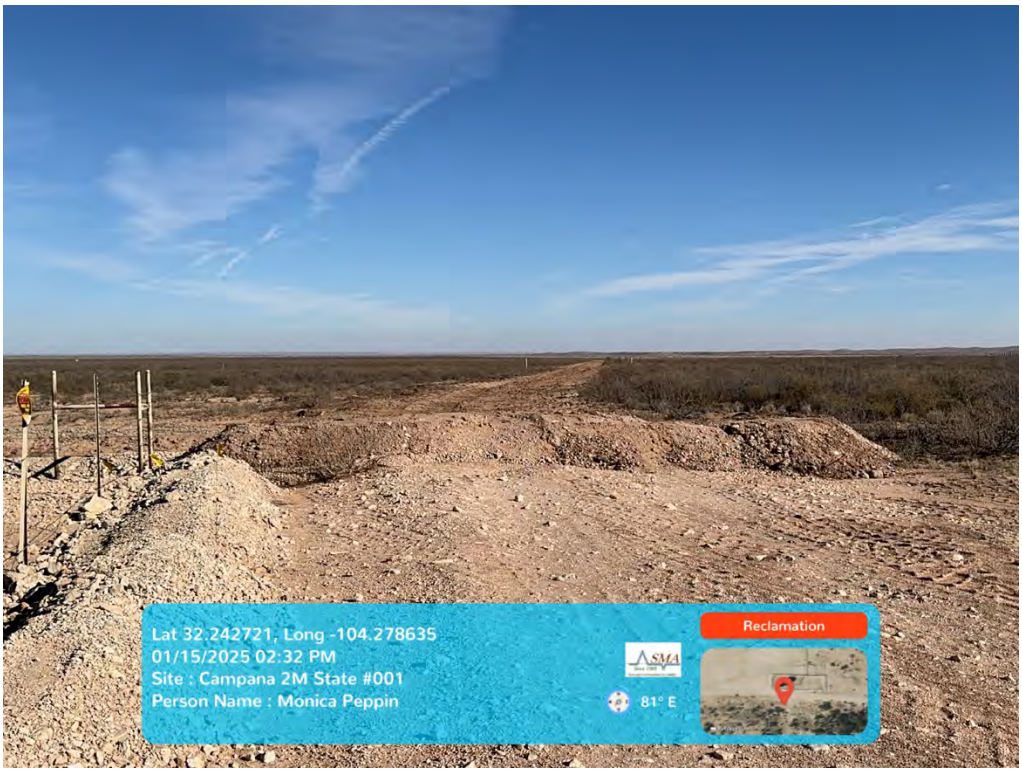


Photo 15. Berm to limit vehicle traffic along former access road.

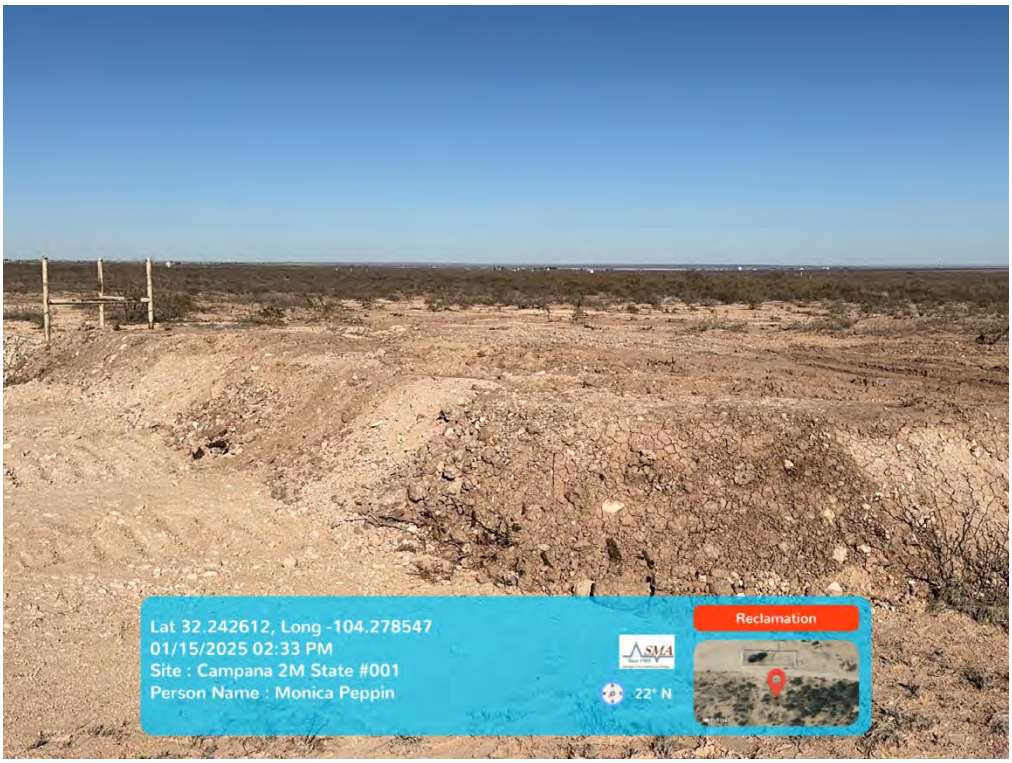


Photo 16. Berm to limit vehicle traffic along former access road.

APPENDIX G

Soil Laboratory Reports

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Stephanie Hinds
Souder, Miller & Associates
401 W Broadway
Farmington, New Mexico 87401

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JOB DESCRIPTION

Devon Campana

JOB NUMBER

885-8427-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

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Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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Authorized for release by
Catherine Upton, Project Manager
Catherine.upton@et.eurofinsus.com
(505)345-3975

Client: Souder, Miller & Associates
Project/Site: Devon Campana

Laboratory Job ID: 885-8427-1

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QC Association Summary 10
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Chain of Custody 13
Receipt Checklists 14

Definitions/Glossary

Client: Souder, Miller & Associates
Project/Site: Devon Campana

Job ID: 885-8427-1

Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Souder, Miller & Associates
Project: Devon Campana

Job ID: 885-8427-1

Job ID: 885-8427-1 Eurofins Albuquerque

Job Narrative
885-8427-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 7/23/2024 6:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.1°C.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Devon Campana

Job ID: 885-8427-1

Client Sample ID: TS-1

Lab Sample ID: 885-8427-1

Date Collected: 07/18/24 10:06

Matrix: Solid

Date Received: 07/23/24 06:30

Method: USDA 20B - Sodium Adsorption Ratio

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Sodium Adsorption Ratio	0.29		0.010		NONE			08/07/24 16:57	1

Method: SW846 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Sodium	21		8.3		mg/Kg		08/01/24 12:40	08/02/24 10:15	5
Calcium	310		8.3		mg/Kg		08/01/24 12:40	08/02/24 10:15	5
Magnesium	47		8.3		mg/Kg		08/01/24 12:40	08/02/24 10:15	5

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Devon Campana

Job ID: 885-8427-1

Client Sample ID: TS-2

Date Collected: 07/18/24 10:10
Date Received: 07/23/24 06:30

Lab Sample ID: 885-8427-2

Matrix: Solid

Method: USDA 20B - Sodium Adsorption Ratio

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Sodium Adsorption Ratio	0.51		0.010		NONE			08/07/24 16:57	1

Method: SW846 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Sodium	20		8.3		mg/Kg		08/01/24 12:40	08/02/24 10:24	5
Calcium	91		8.3		mg/Kg		08/01/24 12:40	08/02/24 10:24	5
Magnesium	18		8.3		mg/Kg		08/01/24 12:40	08/02/24 10:24	5

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Devon Campana

Job ID: 885-8427-1

Client Sample ID: TS-3

Lab Sample ID: 885-8427-3

Date Collected: 07/18/24 10:15
Matrix: Solid
Date Received: 07/23/24 06:30

Method: USDA 20B - Sodium Adsorption Ratio

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Sodium Adsorption Ratio	0.17		0.010		NONE			08/07/24 16:57	1

Method: SW846 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Sodium	8.3		8.3		mg/Kg		08/01/24 12:40	08/02/24 10:26	5
Calcium	150		8.3		mg/Kg		08/01/24 12:40	08/02/24 10:26	5
Magnesium	20		8.3		mg/Kg		08/01/24 12:40	08/02/24 10:26	5

QC Sample Results

Client: Souder, Miller & Associates
Project/Site: Devon Campana

Job ID: 885-8427-1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 885-9588/1-A
Matrix: Solid
Analysis Batch: 9645

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9588

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Sodium	ND		1.7		mg/Kg		08/01/24 12:40	08/02/24 10:07	1
Calcium	ND		1.7		mg/Kg		08/01/24 12:40	08/02/24 10:07	1
Magnesium	ND		1.7		mg/Kg		08/01/24 12:40	08/02/24 10:07	1

Lab Sample ID: LCS 885-9588/3-A
Matrix: Solid
Analysis Batch: 9645

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9588

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sodium			83.3	82.4		mg/Kg		99	80 - 120		
Calcium			83.3	83.8		mg/Kg		101	80 - 120		
Magnesium			83.3	84.6		mg/Kg		102	80 - 120		

Lab Sample ID: LCSD 885-9588/4-A
Matrix: Solid
Analysis Batch: 9645

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 9588

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sodium			83.3	83.2		mg/Kg		100	80 - 120	1	20
Calcium			83.3	83.7		mg/Kg		100	80 - 120	0	20
Magnesium			83.3	84.3		mg/Kg		101	80 - 120	0	20

Lab Sample ID: MRL 885-9645/13
Matrix: Solid
Analysis Batch: 9645

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Sodium			0.500	0.638	J	mg/L		128	50 - 150		
Calcium			0.500	0.509	J	mg/L		102	50 - 150		
Magnesium			0.500	0.505	J	mg/L		101	50 - 150		

QC Association Summary

Client: Souder, Miller & Associates
Project/Site: Devon Campana

Job ID: 885-8427-1

Metals

Prep Batch: 9588

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8427-1	TS-1	Total/NA	Solid	Sat Paste Ext	
885-8427-2	TS-2	Total/NA	Solid	Sat Paste Ext	
885-8427-3	TS-3	Total/NA	Solid	Sat Paste Ext	
MB 885-9588/1-A	Method Blank	Total/NA	Solid	Sat Paste Ext	
LCS 885-9588/3-A	Lab Control Sample	Total/NA	Solid	Sat Paste Ext	
LCSD 885-9588/4-A	Lab Control Sample Dup	Total/NA	Solid	Sat Paste Ext	

Analysis Batch: 9645

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8427-1	TS-1	Total/NA	Solid	6010B	9588
885-8427-2	TS-2	Total/NA	Solid	6010B	9588
885-8427-3	TS-3	Total/NA	Solid	6010B	9588
MB 885-9588/1-A	Method Blank	Total/NA	Solid	6010B	9588
LCS 885-9588/3-A	Lab Control Sample	Total/NA	Solid	6010B	9588
LCSD 885-9588/4-A	Lab Control Sample Dup	Total/NA	Solid	6010B	9588
MRL 885-9645/13	Lab Control Sample	Total/NA	Solid	6010B	

Analysis Batch: 9901

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8427-1	TS-1	Total/NA	Solid	20B	
885-8427-2	TS-2	Total/NA	Solid	20B	
885-8427-3	TS-3	Total/NA	Solid	20B	

Lab Chronicle

Client: Souder, Miller & Associates
Project/Site: Devon Campana

Job ID: 885-8427-1

Client Sample ID: TS-1

Lab Sample ID: 885-8427-1

Date Collected: 07/18/24 10:06
Matrix: Solid
Date Received: 07/23/24 06:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	20B		1	9901	JF	EET ALB	08/07/24 16:57
Total/NA	Prep	Sat Paste Ext			9588	TM	EET ALB	08/01/24 12:40
Total/NA	Analysis	6010B		5	9645	VP	EET ALB	08/02/24 10:15

Client Sample ID: TS-2

Lab Sample ID: 885-8427-2

Date Collected: 07/18/24 10:10
Matrix: Solid
Date Received: 07/23/24 06:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	20B		1	9901	JF	EET ALB	08/07/24 16:57
Total/NA	Prep	Sat Paste Ext			9588	TM	EET ALB	08/01/24 12:40
Total/NA	Analysis	6010B		5	9645	VP	EET ALB	08/02/24 10:24

Client Sample ID: TS-3

Lab Sample ID: 885-8427-3

Date Collected: 07/18/24 10:15
Matrix: Solid
Date Received: 07/23/24 06:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	20B		1	9901	JF	EET ALB	08/07/24 16:57
Total/NA	Prep	Sat Paste Ext			9588	TM	EET ALB	08/01/24 12:40
Total/NA	Analysis	6010B		5	9645	VP	EET ALB	08/02/24 10:26

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Souder, Miller & Associates
Project/Site: Devon Campana

Job ID: 885-8427-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-26-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
20B		Solid	Sodium Adsorption Ratio
6010B	Sat Paste Ext	Solid	Calcium
6010B	Sat Paste Ext	Solid	Magnesium
6010B	Sat Paste Ext	Solid	Sodium

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	02-26-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
20B		Solid	Sodium Adsorption Ratio

Released to Imaging: 2/14/2025 3:42:06 PM
Received by OCD: 2/11/2025 8:43:06 AM

Chain-of-Custody Record

Client: Souder Miller + Associates

Mailing Address: 401 W. Broadway
Farmington, NM 87401

Phone #: 505-793-7079

email or Fax#: Stephanie.hinds@souder miller.com

QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush

Project Name: Devon Campana

Project #:

Project Manager: Stephanie Hinds

Sampler: S. Hinds

On Ice: ☒ Yes ☐ No (log)

# of Coolers: 1

Cooler Temp(including CF): 5.1 ±0 = 5.1 (°C)

HALL ENVIRONMENTAL ANALYSIS LABOR
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 8710 885-8427 COC
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	SAR
7/18/24	1006	soil	TS-1	(1) 4oz (ziplock)	cool	1											X
7/18/24	1010	soil	TS-2	(1) 4oz	cool	2											X
7/18/24	1015	soil	TS-3	(1) 4oz	cool	3											X

Date	Time	Relinquished by	Received by	Via	Date	Time
7/22/24	1608	Stephanie Hinds				
7/22/24	1714			courier	7/23/24	6:30

Remarks:
If not enough sample, please let me know and I can collect more. Thanks!

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility Any sub-contracted data will be clearly notated on the analytical report

Login Sample Receipt Checklist

Client: Souder, Miller & Associates

Job Number: 885-8427-1

Login Number: 8427

List Number: 1

Creator: Casarrubias, Tracy

List Source: Eurofins Albuquerque

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Stephanie Hinds
Souder, Miller & Associates
401 W Broadway
Farmington, New Mexico 87401

Generated 7/31/2024 2:38:55 PM

JOB DESCRIPTION

Devon Campana

JOB NUMBER

885-8428-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Released to Imaging: 2/14/2025 3:42:06 PM

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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7/31/2024 2:38:55 PM

Authorized for release by
Catherine Upton, Project Manager
Catherine.upton@et.eurofinsus.com
(505)345-3975

Client: Souder, Miller & Associates
Project/Site: Devon Campana

Laboratory Job ID: 885-8428-1

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Definitions/Glossary

Client: Souder, Miller & Associates
Project/Site: Devon Campana

Job ID: 885-8428-1

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Souder, Miller & Associates
Project: Devon Campana

Job ID: 885-8428-1

Job ID: 885-8428-1 Eurofins Albuquerque

Job Narrative
885-8428-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 7/23/2024 6:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.1°C.

Gasoline Range Organics
Method 8015D_GRO: Surrogate recovery for the following sample(s) is outside the upper control limit due to coelution with another analyte in the reference standard: LCS 885-8985-A. The analyte recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Devon Campana

Job ID: 885-8428-1

Client Sample ID: TS-1
Date Collected: 07/18/24 10:06
Date Received: 07/23/24 06:30

Lab Sample ID: 885-8428-1
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.7		mg/Kg		07/23/24 13:05	07/24/24 22:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*35 - 166*	*07/23/24 13:05*	*07/24/24 22:50*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		07/23/24 13:05	07/24/24 22:50	1
Ethylbenzene	ND		0.047		mg/Kg		07/23/24 13:05	07/24/24 22:50	1
m&p-Xylene	ND		0.094		mg/Kg		07/23/24 13:05	07/24/24 22:50	1
o-Xylene	ND		0.047		mg/Kg		07/23/24 13:05	07/24/24 22:50	1
Toluene	ND		0.047		mg/Kg		07/23/24 13:05	07/24/24 22:50	1
Xylenes, Total	ND		0.094		mg/Kg		07/23/24 13:05	07/24/24 22:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*48 - 145*	*07/23/24 13:05*	*07/24/24 22:50*	*1*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5		mg/Kg		07/24/24 12:14	07/25/24 03:40	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		07/24/24 12:14	07/25/24 03:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*107*		*62 - 134*	*07/24/24 12:14*	*07/25/24 03:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		07/24/24 14:31	07/24/24 22:05	20

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Devon Campana

Job ID: 885-8428-1

Client Sample ID: TS-2
Date Collected: 07/18/24 10:10
Date Received: 07/23/24 06:30

Lab Sample ID: 885-8428-2
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9		mg/Kg		07/23/24 13:05	07/24/24 23:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*35 - 166*	*07/23/24 13:05*	*07/24/24 23:12*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		07/23/24 13:05	07/24/24 23:12	1
Ethylbenzene	ND		0.049		mg/Kg		07/23/24 13:05	07/24/24 23:12	1
m&p-Xylene	ND		0.098		mg/Kg		07/23/24 13:05	07/24/24 23:12	1
o-Xylene	ND		0.049		mg/Kg		07/23/24 13:05	07/24/24 23:12	1
Toluene	ND		0.049		mg/Kg		07/23/24 13:05	07/24/24 23:12	1
Xylenes, Total	ND		0.098		mg/Kg		07/23/24 13:05	07/24/24 23:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*48 - 145*	*07/23/24 13:05*	*07/24/24 23:12*	*1*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4		mg/Kg		07/24/24 12:14	07/25/24 04:03	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		07/24/24 12:14	07/25/24 04:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*105*		*62 - 134*	*07/24/24 12:14*	*07/25/24 04:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		07/24/24 14:31	07/24/24 22:42	20

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Devon Campana

Job ID: 885-8428-1

Client Sample ID: TS-3
Date Collected: 07/18/24 10:15
Date Received: 07/23/24 06:30

Lab Sample ID: 885-8428-3
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9		mg/Kg		07/23/24 13:05	07/24/24 23:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*35 - 166*	*07/23/24 13:05*	*07/24/24 23:33*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		07/23/24 13:05	07/24/24 23:33	1
Ethylbenzene	ND		0.049		mg/Kg		07/23/24 13:05	07/24/24 23:33	1
m&p-Xylene	ND		0.098		mg/Kg		07/23/24 13:05	07/24/24 23:33	1
o-Xylene	ND		0.049		mg/Kg		07/23/24 13:05	07/24/24 23:33	1
Toluene	ND		0.049		mg/Kg		07/23/24 13:05	07/24/24 23:33	1
Xylenes, Total	ND		0.098		mg/Kg		07/23/24 13:05	07/24/24 23:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*48 - 145*	*07/23/24 13:05*	*07/24/24 23:33*	*1*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		8.6		mg/Kg		07/24/24 12:14	07/25/24 04:14	1
Motor Oil Range Organics [C28-C40]	ND		43		mg/Kg		07/24/24 12:14	07/25/24 04:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*111*		*62 - 134*	*07/24/24 12:14*	*07/25/24 04:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		07/24/24 14:31	07/24/24 22:55	20

QC Sample Results

Client: Souder, Miller & Associates
Project/Site: Devon Campana

Job ID: 885-8428-1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-8985/1-A
Matrix: Solid
Analysis Batch: 9162

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 8985

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		07/23/24 13:05	07/24/24 14:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*35 - 166*	*07/23/24 13:05*	*07/24/24 14:28*	*1*

Lab Sample ID: LCS 885-8985/2-A
Matrix: Solid
Analysis Batch: 9162

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 8985

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]			25.0	21.6		mg/Kg		86	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*212*	*S1+*	*35 - 166*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-8985/1-A
Matrix: Solid
Analysis Batch: 9163

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 8985

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		07/23/24 13:05	07/24/24 14:28	1
Ethylbenzene	ND		0.050		mg/Kg		07/23/24 13:05	07/24/24 14:28	1
m&p-Xylene	ND		0.10		mg/Kg		07/23/24 13:05	07/24/24 14:28	1
o-Xylene	ND		0.050		mg/Kg		07/23/24 13:05	07/24/24 14:28	1
Toluene	ND		0.050		mg/Kg		07/23/24 13:05	07/24/24 14:28	1
Xylenes, Total	ND		0.10		mg/Kg		07/23/24 13:05	07/24/24 14:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*48 - 145*	*07/23/24 13:05*	*07/24/24 14:28*	*1*

Lab Sample ID: LCS 885-8985/3-A
Matrix: Solid
Analysis Batch: 9163

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 8985

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	0.913		mg/Kg		91	70 - 130		
Ethylbenzene			1.00	0.913		mg/Kg		91	70 - 130		
m&p-Xylene			2.00	1.82		mg/Kg		91	70 - 130		
o-Xylene			1.00	0.909		mg/Kg		91	70 - 130		
Toluene			1.00	0.914		mg/Kg		91	70 - 130		
Xylenes, Total			3.00	2.73		mg/Kg		91	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*48 - 145*

QC Sample Results

Client: Souder, Miller & Associates
Project/Site: Devon Campana

Job ID: 885-8428-1

Method: 8015D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-9060/1-A
Matrix: Solid
Analysis Batch: 9050

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9060

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		07/24/24 12:14	07/25/24 01:48	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		07/24/24 12:14	07/25/24 01:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*104*		*62 - 134*	*07/24/24 12:14*	*07/25/24 01:48*	*1*

Lab Sample ID: LCS 885-9060/2-A
Matrix: Solid
Analysis Batch: 9050

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9060

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	47.0		mg/Kg		94	60 - 135		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*91*		*62 - 134*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-9074/1-A
Matrix: Solid
Analysis Batch: 9136

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9074

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0		mg/Kg		07/24/24 14:31	07/24/24 19:12	1

Lab Sample ID: LCS 885-9074/2-A
Matrix: Solid
Analysis Batch: 9136

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9074

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			30.0	28.4		mg/Kg		95	90 - 110		

Lab Sample ID: MB 885-9136/4
Matrix: Solid
Analysis Batch: 9136

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50		mg/Kg			07/24/24 08:18	1

Lab Sample ID: MRL 885-9136/3
Matrix: Solid
Analysis Batch: 9136

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			0.500	0.526		mg/L		105	50 - 150		

QC Association Summary

Client: Souder, Miller & Associates
Project/Site: Devon Campana

Job ID: 885-8428-1

GC VOA

Prep Batch: 8985

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8428-1	TS-1	Total/NA	Solid	5030C	
885-8428-2	TS-2	Total/NA	Solid	5030C	
885-8428-3	TS-3	Total/NA	Solid	5030C	
MB 885-8985/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-8985/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-8985/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Analysis Batch: 9162

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8428-1	TS-1	Total/NA	Solid	8015M/D	8985
885-8428-2	TS-2	Total/NA	Solid	8015M/D	8985
885-8428-3	TS-3	Total/NA	Solid	8015M/D	8985
MB 885-8985/1-A	Method Blank	Total/NA	Solid	8015M/D	8985
LCS 885-8985/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	8985

Analysis Batch: 9163

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8428-1	TS-1	Total/NA	Solid	8021B	8985
885-8428-2	TS-2	Total/NA	Solid	8021B	8985
885-8428-3	TS-3	Total/NA	Solid	8021B	8985
MB 885-8985/1-A	Method Blank	Total/NA	Solid	8021B	8985
LCS 885-8985/3-A	Lab Control Sample	Total/NA	Solid	8021B	8985

GC Semi VOA

Analysis Batch: 9050

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8428-1	TS-1	Total/NA	Solid	8015D	9060
885-8428-2	TS-2	Total/NA	Solid	8015D	9060
885-8428-3	TS-3	Total/NA	Solid	8015D	9060
MB 885-9060/1-A	Method Blank	Total/NA	Solid	8015D	9060
LCS 885-9060/2-A	Lab Control Sample	Total/NA	Solid	8015D	9060

Prep Batch: 9060

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8428-1	TS-1	Total/NA	Solid	SHAKE	
885-8428-2	TS-2	Total/NA	Solid	SHAKE	
885-8428-3	TS-3	Total/NA	Solid	SHAKE	
MB 885-9060/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-9060/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

HPLC/IC

Prep Batch: 9074

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8428-1	TS-1	Total/NA	Solid	300_Prep	
885-8428-2	TS-2	Total/NA	Solid	300_Prep	
885-8428-3	TS-3	Total/NA	Solid	300_Prep	
MB 885-9074/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-9074/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

QC Association Summary

Client: Souder, Miller & Associates
Project/Site: Devon Campana

Job ID: 885-8428-1

HPLC/IC

Analysis Batch: 9136

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8428-1	TS-1	Total/NA	Solid	300.0	9074
885-8428-2	TS-2	Total/NA	Solid	300.0	9074
885-8428-3	TS-3	Total/NA	Solid	300.0	9074
MB 885-9074/1-A	Method Blank	Total/NA	Solid	300.0	9074
MB 885-9136/4	Method Blank	Total/NA	Solid	300.0	
LCS 885-9074/2-A	Lab Control Sample	Total/NA	Solid	300.0	9074
MRL 885-9136/3	Lab Control Sample	Total/NA	Solid	300.0	

Lab Chronicle

Client: Souder, Miller & Associates
Project/Site: Devon Campana

Job ID: 885-8428-1

Client Sample ID: TS-1
Date Collected: 07/18/24 10:06
Date Received: 07/23/24 06:30

Lab Sample ID: 885-8428-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			8985	JP	EET ALB	07/23/24 13:05
Total/NA	Analysis	8015M/D		1	9162	RA	EET ALB	07/24/24 22:50
Total/NA	Prep	5030C			8985	JP	EET ALB	07/23/24 13:05
Total/NA	Analysis	8021B		1	9163	RA	EET ALB	07/24/24 22:50
Total/NA	Prep	SHAKE			9060	KR	EET ALB	07/24/24 12:14
Total/NA	Analysis	8015D		1	9050	KR	EET ALB	07/25/24 03:40
Total/NA	Prep	300_Prep			9074	EH	EET ALB	07/24/24 14:31
Total/NA	Analysis	300.0		20	9136	RC	EET ALB	07/24/24 22:05

Client Sample ID: TS-2
Date Collected: 07/18/24 10:10
Date Received: 07/23/24 06:30

Lab Sample ID: 885-8428-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			8985	JP	EET ALB	07/23/24 13:05
Total/NA	Analysis	8015M/D		1	9162	RA	EET ALB	07/24/24 23:12
Total/NA	Prep	5030C			8985	JP	EET ALB	07/23/24 13:05
Total/NA	Analysis	8021B		1	9163	RA	EET ALB	07/24/24 23:12
Total/NA	Prep	SHAKE			9060	KR	EET ALB	07/24/24 12:14
Total/NA	Analysis	8015D		1	9050	KR	EET ALB	07/25/24 04:03
Total/NA	Prep	300_Prep			9074	EH	EET ALB	07/24/24 14:31
Total/NA	Analysis	300.0		20	9136	RC	EET ALB	07/24/24 22:42

Client Sample ID: TS-3
Date Collected: 07/18/24 10:15
Date Received: 07/23/24 06:30

Lab Sample ID: 885-8428-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			8985	JP	EET ALB	07/23/24 13:05
Total/NA	Analysis	8015M/D		1	9162	RA	EET ALB	07/24/24 23:33
Total/NA	Prep	5030C			8985	JP	EET ALB	07/23/24 13:05
Total/NA	Analysis	8021B		1	9163	RA	EET ALB	07/24/24 23:33
Total/NA	Prep	SHAKE			9060	KR	EET ALB	07/24/24 12:14
Total/NA	Analysis	8015D		1	9050	KR	EET ALB	07/25/24 04:14
Total/NA	Prep	300_Prep			9074	EH	EET ALB	07/24/24 14:31
Total/NA	Analysis	300.0		20	9136	RC	EET ALB	07/24/24 22:55

Laboratory References:
EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Souder, Miller & Associates
Job ID: 885-8428-1
Project/Site: Devon Campana

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-26-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
300.0	300_Prep	Solid	Chloride
8015D	SHAKE	Solid	Diesel Range Organics [C10-C28]
8015D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]
8015M/D	5030C	Solid	Gasoline Range Organics [C6 - C10]
8021B	5030C	Solid	Benzene
8021B	5030C	Solid	Ethylbenzene
8021B	5030C	Solid	m&p-Xylene
8021B	5030C	Solid	o-Xylene
8021B	5030C	Solid	Toluene
8021B	5030C	Solid	Xylenes, Total

Oregon	NELAP	NM100001	02-26-25

Released to Imaging: 2/14/2025 3:42:06 PM
Received by OCD: 2/11/2025 8:43:06 AM

Chain-of-Custody Record

Client: Souder Miller + Associates

Mailing Address: 401 W. Broadway
Farmington NM 87401

Phone #: 505-793-7079

email or Fax#: Stephanie.hinds@soudermiller.com

QA/QC Package.
☒ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
5-7 day TAT
☒ Standard ☐ Rush

Project Name:
Devon Campana

Project #:

Project Manager:
Stephanie Hinds

Sampler: S. Hinds

On Ice: ☒ Yes ☐ No

# of Coolers: 1

Cooler Temp(Including CF): 5.1 +0 = 5.1 °C

HALL ENVIRONMENTAL ANALYSIS LABOR
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 8710[illegible] 885-8428 COC
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D GRO / DRO / MRO	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	
7/18/24	1006	Soil	TS-1	(1) 4 oz	cool	1	X	X					X				
7/18/24	1010	Soil	TS-2	(1) 4 oz	cool	2	X	X					X				
7/18/24	1015	Soil	TS-3	(1) 4 oz	cool	3	X	X					X				

Date	Time	Relinquished by	Received by	Via	Date	Time
7/22/24	1608	Stephanie Hinds				
7/22/24	1714			Courier	7/23/24	6:30

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Login Sample Receipt Checklist

Client: Souder, Miller & Associates Job Number: 885-8428-1

Login Number: 8428 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: Casarrubias, Tracy

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Jim Raley
Devon Energy Corporation
6488 Seven Rivers Hwy
Artesia, New Mexico 88210

Generated 8/7/2024 11:04:39 AM

JOB DESCRIPTION

Campana 2M St#001

JOB NUMBER

885-8999-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Released to Imaging: 2/14/2025 3:42:00 PM

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



Generated
8/7/2024 11:04:39 AM

Authorized for release by
Andy Freeman, Business Unit Manager
andy.freeman@et.eurofinsus.com
(505)345-3975

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Laboratory Job ID: 885-8999-1

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Definitions/Glossary

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-8999-1

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Devon Energy Corporation
Project: Campana 2M St#001

Job ID: 885-8999-1

Job ID: 885-8999-1 Eurofins Albuquerque

Job Narrative
885-8999-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 8/1/2024 7:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.3°C.

Gasoline Range Organics
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics
Method 8015D_DRO: The continuing calibration verification (CCV) associated with batch 885-9624 recovered above the upper control limit for Diesel Range Organics [C10-C28]. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. Any associated samples with hits are being re-ran. Original LCS , MS/MSD were re-ran with passing CCV.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-8999-1

Client Sample ID: L19 4'

Date Collected: 07/29/24 07:10
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-1

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		08/01/24 12:37	08/02/24 11:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*35 - 166*	*08/01/24 12:37*	*08/02/24 11:53*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/01/24 12:37	08/02/24 11:53	1
Ethylbenzene	ND		0.049		mg/Kg		08/01/24 12:37	08/02/24 11:53	1
Toluene	ND		0.049		mg/Kg		08/01/24 12:37	08/02/24 11:53	1
Xylenes, Total	ND		0.098		mg/Kg		08/01/24 12:37	08/02/24 11:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*48 - 145*	*08/01/24 12:37*	*08/02/24 11:53*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.2		mg/Kg		08/02/24 11:35	08/02/24 23:23	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		08/02/24 11:35	08/02/24 23:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*95*		*62 - 134*	*08/02/24 11:35*	*08/02/24 23:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**340**		60		mg/Kg		08/02/24 12:30	08/02/24 17:37	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-8999-1

Client Sample ID: L20 4'
Date Collected: 07/29/24 07:15
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-2
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		08/01/24 12:37	08/02/24 12:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*35 - 166*	*08/01/24 12:37*	*08/02/24 12:59*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/01/24 12:37	08/02/24 12:59	1
Ethylbenzene	ND		0.050		mg/Kg		08/01/24 12:37	08/02/24 12:59	1
Toluene	ND		0.050		mg/Kg		08/01/24 12:37	08/02/24 12:59	1
Xylenes, Total	ND		0.099		mg/Kg		08/01/24 12:37	08/02/24 12:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*48 - 145*	*08/01/24 12:37*	*08/02/24 12:59*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		08/02/24 11:35	08/02/24 23:37	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/02/24 11:35	08/02/24 23:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*104*		*62 - 134*	*08/02/24 11:35*	*08/02/24 23:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**340**		60		mg/Kg		08/02/24 12:30	08/02/24 17:50	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-8999-1

Client Sample ID: L21 4'
Date Collected: 07/29/24 07:20
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-3
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		08/01/24 12:37	08/02/24 14:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*35 - 166*	*08/01/24 12:37*	*08/02/24 14:04*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/01/24 12:37	08/02/24 14:04	1
Ethylbenzene	ND		0.048		mg/Kg		08/01/24 12:37	08/02/24 14:04	1
Toluene	ND		0.048		mg/Kg		08/01/24 12:37	08/02/24 14:04	1
Xylenes, Total	ND		0.097		mg/Kg		08/01/24 12:37	08/02/24 14:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*48 - 145*	*08/01/24 12:37*	*08/02/24 14:04*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9		mg/Kg		08/02/24 11:35	08/02/24 23:51	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/02/24 11:35	08/02/24 23:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*98*		*62 - 134*	*08/02/24 11:35*	*08/02/24 23:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**93**		60		mg/Kg		08/02/24 12:30	08/02/24 18:02	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-8999-1

Client Sample ID: L22 0-4'
Date Collected: 07/29/24 07:25
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-4
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		08/01/24 12:37	08/02/24 14:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*35 - 166*	*08/01/24 12:37*	*08/02/24 14:26*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/01/24 12:37	08/02/24 14:26	1
Ethylbenzene	ND		0.048		mg/Kg		08/01/24 12:37	08/02/24 14:26	1
Toluene	ND		0.048		mg/Kg		08/01/24 12:37	08/02/24 14:26	1
Xylenes, Total	ND		0.097		mg/Kg		08/01/24 12:37	08/02/24 14:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*48 - 145*	*08/01/24 12:37*	*08/02/24 14:26*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		8.6		mg/Kg		08/02/24 11:35	08/03/24 00:05	1
Motor Oil Range Organics [C28-C40]	ND		43		mg/Kg		08/02/24 11:35	08/03/24 00:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*105*		*62 - 134*	*08/02/24 11:35*	*08/03/24 00:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**73**		60		mg/Kg		08/02/24 12:30	08/02/24 18:15	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-8999-1

Client Sample ID: L23 0-4'

Date Collected: 07/29/24 07:30
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-5

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		08/01/24 12:37	08/02/24 14:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*35 - 166*	*08/01/24 12:37*	*08/02/24 14:48*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/01/24 12:37	08/02/24 14:48	1
Ethylbenzene	ND		0.049		mg/Kg		08/01/24 12:37	08/02/24 14:48	1
Toluene	ND		0.049		mg/Kg		08/01/24 12:37	08/02/24 14:48	1
Xylenes, Total	ND		0.099		mg/Kg		08/01/24 12:37	08/02/24 14:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*48 - 145*	*08/01/24 12:37*	*08/02/24 14:48*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8		mg/Kg		08/02/24 11:35	08/03/24 00:18	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/02/24 11:35	08/03/24 00:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*99*		*62 - 134*	*08/02/24 11:35*	*08/03/24 00:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**130**		60		mg/Kg		08/02/24 12:30	08/02/24 18:28	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-8999-1

Client Sample ID: L24 0-4'
Date Collected: 07/29/24 07:35
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-6
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		08/01/24 12:37	08/02/24 15:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*35 - 166*	*08/01/24 12:37*	*08/02/24 15:10*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/01/24 12:37	08/02/24 15:10	1
Ethylbenzene	ND		0.048		mg/Kg		08/01/24 12:37	08/02/24 15:10	1
Toluene	ND		0.048		mg/Kg		08/01/24 12:37	08/02/24 15:10	1
Xylenes, Total	ND		0.096		mg/Kg		08/01/24 12:37	08/02/24 15:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*48 - 145*	*08/01/24 12:37*	*08/02/24 15:10*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9		mg/Kg		08/02/24 11:35	08/03/24 00:32	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/02/24 11:35	08/03/24 00:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*106*		*62 - 134*	*08/02/24 11:35*	*08/03/24 00:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**130**		60		mg/Kg		08/02/24 12:30	08/02/24 18:41	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-8999-1

Client Sample ID: L25 4'

Date Collected: 07/29/24 07:40
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-7

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7		mg/Kg		08/01/24 12:37	08/02/24 15:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*35 - 166*	*08/01/24 12:37*	*08/02/24 15:32*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/01/24 12:37	08/02/24 15:32	1
Ethylbenzene	ND		0.047		mg/Kg		08/01/24 12:37	08/02/24 15:32	1
Toluene	ND		0.047		mg/Kg		08/01/24 12:37	08/02/24 15:32	1
Xylenes, Total	ND		0.095		mg/Kg		08/01/24 12:37	08/02/24 15:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*48 - 145*	*08/01/24 12:37*	*08/02/24 15:32*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7		mg/Kg		08/02/24 11:35	08/03/24 00:46	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/02/24 11:35	08/03/24 00:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*93*		*62 - 134*	*08/02/24 11:35*	*08/03/24 00:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**170**		60		mg/Kg		08/02/24 12:30	08/02/24 19:20	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-8999-1

Client Sample ID: L26 4'
Date Collected: 07/29/24 07:45
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-8
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		08/01/24 12:37	08/02/24 15:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*35 - 166*	*08/01/24 12:37*	*08/02/24 15:54*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/01/24 12:37	08/02/24 15:54	1
Ethylbenzene	ND		0.050		mg/Kg		08/01/24 12:37	08/02/24 15:54	1
Toluene	ND		0.050		mg/Kg		08/01/24 12:37	08/02/24 15:54	1
Xylenes, Total	ND		0.10		mg/Kg		08/01/24 12:37	08/02/24 15:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*48 - 145*	*08/01/24 12:37*	*08/02/24 15:54*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.0		mg/Kg		08/02/24 11:35	08/03/24 00:59	1
Motor Oil Range Organics [C28-C40]	ND		45		mg/Kg		08/02/24 11:35	08/03/24 00:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*105*		*62 - 134*	*08/02/24 11:35*	*08/03/24 00:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/02/24 12:30	08/02/24 19:33	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-8999-1

Client Sample ID: L33 4'
Date Collected: 07/29/24 08:20
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-9
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		08/01/24 12:37	08/02/24 16:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*35 - 166*	*08/01/24 12:37*	*08/02/24 16:16*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/01/24 12:37	08/02/24 16:16	1
Ethylbenzene	ND		0.050		mg/Kg		08/01/24 12:37	08/02/24 16:16	1
Toluene	ND		0.050		mg/Kg		08/01/24 12:37	08/02/24 16:16	1
Xylenes, Total	ND		0.099		mg/Kg		08/01/24 12:37	08/02/24 16:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*48 - 145*	*08/01/24 12:37*	*08/02/24 16:16*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.1		mg/Kg		08/02/24 11:35	08/03/24 01:13	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		08/02/24 11:35	08/03/24 01:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*93*		*62 - 134*	*08/02/24 11:35*	*08/03/24 01:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**160**		60		mg/Kg		08/02/24 12:30	08/02/24 19:46	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-8999-1

Client Sample ID: L34 4'
Date Collected: 07/29/24 08:25
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-10
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		08/01/24 12:37	08/02/24 16:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*35 - 166*	*08/01/24 12:37*	*08/02/24 16:38*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/01/24 12:37	08/02/24 16:38	1
Ethylbenzene	ND		0.048		mg/Kg		08/01/24 12:37	08/02/24 16:38	1
Toluene	ND		0.048		mg/Kg		08/01/24 12:37	08/02/24 16:38	1
Xylenes, Total	ND		0.095		mg/Kg		08/01/24 12:37	08/02/24 16:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*48 - 145*	*08/01/24 12:37*	*08/02/24 16:38*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8		mg/Kg		08/02/24 11:35	08/03/24 01:27	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/02/24 11:35	08/03/24 01:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*95*		*62 - 134*	*08/02/24 11:35*	*08/03/24 01:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/02/24 12:30	08/02/24 19:58	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-8999-1

Client Sample ID: L29 0-4'
Date Collected: 07/29/24 08:00
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-11
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		08/01/24 12:37	08/02/24 17:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*35 - 166*	*08/01/24 12:37*	*08/02/24 17:22*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/01/24 12:37	08/02/24 17:22	1
Ethylbenzene	ND		0.048		mg/Kg		08/01/24 12:37	08/02/24 17:22	1
Toluene	ND		0.048		mg/Kg		08/01/24 12:37	08/02/24 17:22	1
Xylenes, Total	ND		0.095		mg/Kg		08/01/24 12:37	08/02/24 17:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*48 - 145*	*08/01/24 12:37*	*08/02/24 17:22*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8		mg/Kg		08/02/24 11:35	08/03/24 01:54	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/02/24 11:35	08/03/24 01:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*96*		*62 - 134*	*08/02/24 11:35*	*08/03/24 01:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/02/24 12:55	08/02/24 17:03	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-8999-1

Client Sample ID: L32 4'
Date Collected: 07/29/24 08:15
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-12
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		08/01/24 12:37	08/02/24 17:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*35 - 166*	*08/01/24 12:37*	*08/02/24 17:43*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/01/24 12:37	08/02/24 17:43	1
Ethylbenzene	ND		0.050		mg/Kg		08/01/24 12:37	08/02/24 17:43	1
Toluene	ND		0.050		mg/Kg		08/01/24 12:37	08/02/24 17:43	1
Xylenes, Total	ND		0.10		mg/Kg		08/01/24 12:37	08/02/24 17:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*48 - 145*	*08/01/24 12:37*	*08/02/24 17:43*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		8.9		mg/Kg		08/02/24 11:35	08/03/24 02:07	1
Motor Oil Range Organics [C28-C40]	ND		45		mg/Kg		08/02/24 11:35	08/03/24 02:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*95*		*62 - 134*	*08/02/24 11:35*	*08/03/24 02:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**120**		60		mg/Kg		08/02/24 12:55	08/02/24 17:15	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-8999-1

Client Sample ID: L35 4'
Date Collected: 07/29/24 08:30
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-13
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		08/01/24 12:37	08/02/24 18:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*35 - 166*	*08/01/24 12:37*	*08/02/24 18:05*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/01/24 12:37	08/02/24 18:05	1
Ethylbenzene	ND		0.050		mg/Kg		08/01/24 12:37	08/02/24 18:05	1
Toluene	ND		0.050		mg/Kg		08/01/24 12:37	08/02/24 18:05	1
Xylenes, Total	ND		0.099		mg/Kg		08/01/24 12:37	08/02/24 18:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*48 - 145*	*08/01/24 12:37*	*08/02/24 18:05*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5		mg/Kg		08/02/24 11:35	08/03/24 02:21	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		08/02/24 11:35	08/03/24 02:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*94*		*62 - 134*	*08/02/24 11:35*	*08/03/24 02:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**69**		60		mg/Kg		08/02/24 12:55	08/02/24 17:27	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-8999-1

Client Sample ID: L36 4'
Date Collected: 07/29/24 08:35
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-14
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		08/01/24 12:37	08/02/24 18:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*35 - 166*	*08/01/24 12:37*	*08/02/24 18:27*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/01/24 12:37	08/02/24 18:27	1
Ethylbenzene	ND		0.048		mg/Kg		08/01/24 12:37	08/02/24 18:27	1
Toluene	ND		0.048		mg/Kg		08/01/24 12:37	08/02/24 18:27	1
Xylenes, Total	ND		0.097		mg/Kg		08/01/24 12:37	08/02/24 18:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*48 - 145*	*08/01/24 12:37*	*08/02/24 18:27*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.0		mg/Kg		08/02/24 11:35	08/03/24 02:35	1
Motor Oil Range Organics [C28-C40]	ND		45		mg/Kg		08/02/24 11:35	08/03/24 02:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*92*		*62 - 134*	*08/02/24 11:35*	*08/03/24 02:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/02/24 12:55	08/02/24 17:40	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-8999-1

Client Sample ID: L37 0-4'
Date Collected: 07/29/24 08:40
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-15
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7		mg/Kg		08/01/24 12:37	08/02/24 18:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*35 - 166*	*08/01/24 12:37*	*08/02/24 18:49*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/01/24 12:37	08/02/24 18:49	1
Ethylbenzene	ND		0.047		mg/Kg		08/01/24 12:37	08/02/24 18:49	1
Toluene	ND		0.047		mg/Kg		08/01/24 12:37	08/02/24 18:49	1
Xylenes, Total	ND		0.094		mg/Kg		08/01/24 12:37	08/02/24 18:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*48 - 145*	*08/01/24 12:37*	*08/02/24 18:49*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		8.8		mg/Kg		08/02/24 11:35	08/03/24 02:48	1
Motor Oil Range Organics [C28-C40]	ND		44		mg/Kg		08/02/24 11:35	08/03/24 02:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*95*		*62 - 134*	*08/02/24 11:35*	*08/03/24 02:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**86**		60		mg/Kg		08/02/24 12:55	08/02/24 17:52	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-8999-1

Client Sample ID: L38 4'

Date Collected: 07/29/24 08:45
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-16

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		08/01/24 12:37	08/02/24 19:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*35 - 166*	*08/01/24 12:37*	*08/02/24 19:11*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/01/24 12:37	08/02/24 19:11	1
Ethylbenzene	ND		0.048		mg/Kg		08/01/24 12:37	08/02/24 19:11	1
Toluene	ND		0.048		mg/Kg		08/01/24 12:37	08/02/24 19:11	1
Xylenes, Total	ND		0.096		mg/Kg		08/01/24 12:37	08/02/24 19:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*48 - 145*	*08/01/24 12:37*	*08/02/24 19:11*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7		mg/Kg		08/02/24 11:35	08/03/24 03:02	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/02/24 11:35	08/03/24 03:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*96*		*62 - 134*	*08/02/24 11:35*	*08/03/24 03:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**66**		60		mg/Kg		08/02/24 12:55	08/02/24 18:04	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-8999-1

Client Sample ID: L40 4'
Date Collected: 07/29/24 08:55
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-17
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		08/01/24 12:37	08/02/24 19:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*35 - 166*	*08/01/24 12:37*	*08/02/24 19:33*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/01/24 12:37	08/02/24 19:33	1
Ethylbenzene	ND		0.049		mg/Kg		08/01/24 12:37	08/02/24 19:33	1
Toluene	ND		0.049		mg/Kg		08/01/24 12:37	08/02/24 19:33	1
Xylenes, Total	ND		0.098		mg/Kg		08/01/24 12:37	08/02/24 19:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*48 - 145*	*08/01/24 12:37*	*08/02/24 19:33*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6		mg/Kg		08/02/24 11:35	08/03/24 03:15	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/02/24 11:35	08/03/24 03:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*113*		*62 - 134*	*08/02/24 11:35*	*08/03/24 03:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**410**		60		mg/Kg		08/02/24 12:55	08/02/24 18:17	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-8999-1

Client Sample ID: L46 4'
Date Collected: 07/29/24 09:25
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-18
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7		mg/Kg		08/01/24 12:37	08/02/24 19:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*35 - 166*	*08/01/24 12:37*	*08/02/24 19:55*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/01/24 12:37	08/02/24 19:55	1
Ethylbenzene	ND		0.047		mg/Kg		08/01/24 12:37	08/02/24 19:55	1
Toluene	ND		0.047		mg/Kg		08/01/24 12:37	08/02/24 19:55	1
Xylenes, Total	ND		0.095		mg/Kg		08/01/24 12:37	08/02/24 19:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*48 - 145*	*08/01/24 12:37*	*08/02/24 19:55*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		8.5		mg/Kg		08/02/24 11:35	08/03/24 03:30	1
Motor Oil Range Organics [C28-C40]	ND		42		mg/Kg		08/02/24 11:35	08/03/24 03:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*96*		*62 - 134*	*08/02/24 11:35*	*08/03/24 03:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**420**		60		mg/Kg		08/02/24 12:55	08/02/24 18:29	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-8999-1

Client Sample ID: L47 4'

Date Collected: 07/29/24 09:30
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-19

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7		mg/Kg		08/01/24 12:37	08/02/24 20:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*35 - 166*	*08/01/24 12:37*	*08/02/24 20:17*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/01/24 12:37	08/02/24 20:17	1
Ethylbenzene	ND		0.047		mg/Kg		08/01/24 12:37	08/02/24 20:17	1
Toluene	ND		0.047		mg/Kg		08/01/24 12:37	08/02/24 20:17	1
Xylenes, Total	ND		0.094		mg/Kg		08/01/24 12:37	08/02/24 20:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*48 - 145*	*08/01/24 12:37*	*08/02/24 20:17*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9		mg/Kg		08/02/24 11:35	08/03/24 03:43	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/02/24 11:35	08/03/24 03:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*96*		*62 - 134*	*08/02/24 11:35*	*08/03/24 03:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**400**		60		mg/Kg		08/02/24 12:55	08/02/24 19:31	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-8999-1

Client Sample ID: L55 4'
Date Collected: 07/29/24 10:10
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-20
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		08/01/24 12:37	08/02/24 20:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*35 - 166*	*08/01/24 12:37*	*08/02/24 20:38*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/01/24 12:37	08/02/24 20:38	1
Ethylbenzene	ND		0.048		mg/Kg		08/01/24 12:37	08/02/24 20:38	1
Toluene	ND		0.048		mg/Kg		08/01/24 12:37	08/02/24 20:38	1
Xylenes, Total	ND		0.096		mg/Kg		08/01/24 12:37	08/02/24 20:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*48 - 145*	*08/01/24 12:37*	*08/02/24 20:38*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9		mg/Kg		08/02/24 11:35	08/03/24 03:57	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/02/24 11:35	08/03/24 03:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*97*		*62 - 134*	*08/02/24 11:35*	*08/03/24 03:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/02/24 12:55	08/02/24 19:43	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-8999-1

Client Sample ID: L67 0-4'
Date Collected: 07/30/24 07:35
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-21
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		08/01/24 15:02	08/02/24 22:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*35 - 166*	*08/01/24 15:02*	*08/02/24 22:48*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/01/24 15:02	08/02/24 22:48	1
Ethylbenzene	ND		0.049		mg/Kg		08/01/24 15:02	08/02/24 22:48	1
Toluene	ND		0.049		mg/Kg		08/01/24 15:02	08/02/24 22:48	1
Xylenes, Total	ND		0.098		mg/Kg		08/01/24 15:02	08/02/24 22:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*48 - 145*	*08/01/24 15:02*	*08/02/24 22:48*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.2		mg/Kg		08/02/24 12:02	08/02/24 21:53	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		08/02/24 12:02	08/02/24 21:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*88*		*62 - 134*	*08/02/24 12:02*	*08/02/24 21:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**340**		60		mg/Kg		08/02/24 14:22	08/02/24 20:37	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-8999-1

Client Sample ID: L69 4'
Date Collected: 07/30/24 07:45
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-22
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		08/01/24 15:02	08/02/24 23:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*35 - 166*	*08/01/24 15:02*	*08/02/24 23:59*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/01/24 15:02	08/02/24 23:59	1
Ethylbenzene	ND		0.050		mg/Kg		08/01/24 15:02	08/02/24 23:59	1
Toluene	ND		0.050		mg/Kg		08/01/24 15:02	08/02/24 23:59	1
Xylenes, Total	ND		0.10		mg/Kg		08/01/24 15:02	08/02/24 23:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*48 - 145*	*08/01/24 15:02*	*08/02/24 23:59*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5		mg/Kg		08/02/24 12:02	08/02/24 22:18	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/02/24 12:02	08/02/24 22:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*96*		*62 - 134*	*08/02/24 12:02*	*08/02/24 22:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/02/24 14:22	08/02/24 21:16	20

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-8999-1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-9558/1-A
Matrix: Solid
Analysis Batch: 9722

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9558

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		08/01/24 09:35	08/02/24 10:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*35 - 166*	*08/01/24 09:35*	*08/02/24 10:36*	*1*

Lab Sample ID: MB 885-9586/1-A
Matrix: Solid
Analysis Batch: 9708

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9586

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		08/01/24 12:37	08/02/24 11:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*35 - 166*	*08/01/24 12:37*	*08/02/24 11:31*	*1*

Lab Sample ID: LCS 885-9586/2-A
Matrix: Solid
Analysis Batch: 9708

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9586

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			25.0	24.7		mg/Kg		99	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*201*		*35 - 166*

Lab Sample ID: 885-8999-1 MS
Matrix: Solid
Analysis Batch: 9708

Client Sample ID: L19 4'
Prep Type: Total/NA
Prep Batch: 9586

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	ND		24.3	26.8		mg/Kg		110	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*216*		*35 - 166*

Lab Sample ID: 885-8999-1 MSD
Matrix: Solid
Analysis Batch: 9708

Client Sample ID: L19 4'
Prep Type: Total/NA
Prep Batch: 9586

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	ND		24.5	25.7		mg/Kg		105	70 - 130	4	20

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-8999-1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC) (Continued)

Lab Sample ID: 885-8999-1 MSD
Matrix: Solid
Analysis Batch: 9708

Client Sample ID: L19 4'
Prep Type: Total/NA
Prep Batch: 9586

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	221		35 - 166

Lab Sample ID: MB 885-9597/1-A
Matrix: Solid
Analysis Batch: 9722

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9597

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		08/01/24 15:02	08/02/24 22:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		35 - 166	08/01/24 15:02	08/02/24 22:25	1

Lab Sample ID: LCS 885-9597/2-A
Matrix: Solid
Analysis Batch: 9722

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9597

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			25.0	22.4		mg/Kg		90	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	198	S1+	35 - 166

Lab Sample ID: 885-8999-21 MS
Matrix: Solid
Analysis Batch: 9722

Client Sample ID: L67 0-4'
Prep Type: Total/NA
Prep Batch: 9597

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	ND		24.5	23.3		mg/Kg		95	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	203	S1+	35 - 166

Lab Sample ID: 885-8999-21 MSD
Matrix: Solid
Analysis Batch: 9722

Client Sample ID: L67 0-4'
Prep Type: Total/NA
Prep Batch: 9597

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	ND		24.5	27.4		mg/Kg		112	70 - 130	16	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	220	S1+	35 - 166

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-8999-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-9558/1-A
Matrix: Solid
Analysis Batch: 9724

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9558

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/01/24 09:35	08/02/24 10:36	1
Ethylbenzene	ND		0.050		mg/Kg		08/01/24 09:35	08/02/24 10:36	1
Toluene	ND		0.050		mg/Kg		08/01/24 09:35	08/02/24 10:36	1
Xylenes, Total	ND		0.10		mg/Kg		08/01/24 09:35	08/02/24 10:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*48 - 145*	*08/01/24 09:35*	*08/02/24 10:36*	*1*

Lab Sample ID: MB 885-9586/1-A
Matrix: Solid
Analysis Batch: 9710

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9586

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/01/24 12:37	08/02/24 11:31	1
Ethylbenzene	ND		0.050		mg/Kg		08/01/24 12:37	08/02/24 11:31	1
Toluene	ND		0.050		mg/Kg		08/01/24 12:37	08/02/24 11:31	1
Xylenes, Total	ND		0.10		mg/Kg		08/01/24 12:37	08/02/24 11:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*48 - 145*	*08/01/24 12:37*	*08/02/24 11:31*	*1*

Lab Sample ID: LCS 885-9586/3-A
Matrix: Solid
Analysis Batch: 9710

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9586

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	0.923		mg/Kg		92	70 - 130		
Ethylbenzene			1.00	0.895		mg/Kg		89	70 - 130		
Toluene			1.00	0.902		mg/Kg		90	70 - 130		
m,p-Xylene			2.00	1.78		mg/Kg		89	70 - 130		
o-Xylene			1.00	0.873		mg/Kg		87	70 - 130		
Xylenes, Total			3.00	2.65		mg/Kg		88	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*87*		*48 - 145*

Lab Sample ID: 885-8999-2 MS
Matrix: Solid
Analysis Batch: 9710

Client Sample ID: L20 4'
Prep Type: Total/NA
Prep Batch: 9586

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	ND		0.986	0.995		mg/Kg		101	70 - 130		
Ethylbenzene	ND		0.986	0.994		mg/Kg		101	70 - 130		
Toluene	ND		0.986	0.997		mg/Kg		101	70 - 130		
m,p-Xylene	ND		1.97	1.98		mg/Kg		100	70 - 130		
o-Xylene	ND		0.986	0.976		mg/Kg		99	70 - 130		
Xylenes, Total	ND		2.96	2.95		mg/Kg		100	70 - 130		

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-8999-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 885-8999-2 MS
Matrix: Solid
Analysis Batch: 9710

Client Sample ID: L20 4'
Prep Type: Total/NA
Prep Batch: 9586

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	86		48 - 145

Lab Sample ID: 885-8999-2 MSD
Matrix: Solid
Analysis Batch: 9710

Client Sample ID: L20 4'
Prep Type: Total/NA
Prep Batch: 9586

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.989	1.01		mg/Kg		102	70 - 130	1	20
Ethylbenzene	ND		0.989	1.02		mg/Kg		103	70 - 130	3	20
Toluene	ND		0.989	1.02		mg/Kg		104	70 - 130	3	20
m,p-Xylene	ND		1.98	2.01		mg/Kg		102	70 - 130	2	20
o-Xylene	ND		0.989	1.01		mg/Kg		102	70 - 130	3	20
Xylenes, Total	ND		2.97	3.02		mg/Kg		102	70 - 130	2	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	87		48 - 145

Lab Sample ID: MB 885-9597/1-A
Matrix: Solid
Analysis Batch: 9724

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9597

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/01/24 15:02	08/02/24 22:25	1
Ethylbenzene	ND		0.050		mg/Kg		08/01/24 15:02	08/02/24 22:25	1
Toluene	ND		0.050		mg/Kg		08/01/24 15:02	08/02/24 22:25	1
Xylenes, Total	ND		0.10		mg/Kg		08/01/24 15:02	08/02/24 22:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		48 - 145	08/01/24 15:02	08/02/24 22:25	1

Lab Sample ID: LCS 885-9597/3-A
Matrix: Solid
Analysis Batch: 9724

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9597

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	0.969		mg/Kg		97	70 - 130		
Ethylbenzene			1.00	0.881		mg/Kg		88	70 - 130		
Toluene			1.00	0.902		mg/Kg		90	70 - 130		
m,p-Xylene			2.00	1.76		mg/Kg		88	70 - 130		
o-Xylene			1.00	0.851		mg/Kg		85	70 - 130		
Xylenes, Total			3.00	2.61		mg/Kg		87	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		48 - 145

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-8999-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 885-8999-22 MS
Matrix: Solid
Analysis Batch: 9724

Client Sample ID: L69 4'
Prep Type: Total/NA
Prep Batch: 9597

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.995	0.998		mg/Kg		100	70 - 130
Ethylbenzene	ND		0.995	0.932		mg/Kg		94	70 - 130
Toluene	ND		0.995	0.946		mg/Kg		94	70 - 130
m,p-Xylene	ND		1.99	1.87		mg/Kg		93	70 - 130
o-Xylene	ND		0.995	0.900		mg/Kg		90	70 - 130
Xylenes, Total	ND		2.99	2.77		mg/Kg		92	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*48 - 145*

Lab Sample ID: 885-8999-22 MSD
Matrix: Solid
Analysis Batch: 9724

Client Sample ID: L69 4'
Prep Type: Total/NA
Prep Batch: 9597

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		1.00	1.06		mg/Kg		106	70 - 130	6	20
Ethylbenzene	ND		1.00	0.993		mg/Kg		99	70 - 130	6	20
Toluene	ND		1.00	1.00		mg/Kg		99	70 - 130	6	20
m,p-Xylene	ND		2.00	1.97		mg/Kg		97	70 - 130	5	20
o-Xylene	ND		1.00	0.954		mg/Kg		95	70 - 130	6	20
Xylenes, Total	ND		3.00	2.93		mg/Kg		97	70 - 130	6	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*48 - 145*

Method: 8015M/D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-9652/1-A
Matrix: Solid
Analysis Batch: 9623

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9652

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		08/02/24 11:35	08/02/24 22:56	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/02/24 11:35	08/02/24 22:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*100*		*62 - 134*	*08/02/24 11:35*	*08/02/24 22:56*	*1*

Lab Sample ID: LCS 885-9652/2-A
Matrix: Solid
Analysis Batch: 9623

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9652

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]			50.0	39.2		mg/Kg		78	60 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*94*		*62 - 134*

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-8999-1

Method: 8015M/D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: 885-8999-19 MS
Matrix: Solid
Analysis Batch: 9623

Client Sample ID: L47 4'
Prep Type: Total/NA
Prep Batch: 9652

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	ND		49.4	48.3		mg/Kg		98	44 - 136

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*113*		*62 - 134*

Lab Sample ID: 885-8999-19 MSD
Matrix: Solid
Analysis Batch: 9623

Client Sample ID: L47 4'
Prep Type: Total/NA
Prep Batch: 9652

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		49.3	46.1		mg/Kg		94	44 - 136	5	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*100*		*62 - 134*

Lab Sample ID: MB 885-9657/1-A
Matrix: Solid
Analysis Batch: 9624

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9657

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		08/02/24 12:02	08/02/24 21:04	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/02/24 12:02	08/02/24 21:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*96*		*62 - 134*	*08/02/24 12:02*	*08/02/24 21:04*	*1*

Lab Sample ID: LCS 885-9657/2-A
Matrix: Solid
Analysis Batch: 9624

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9657

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]			50.0	53.5		mg/Kg		107	60 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*95*		*62 - 134*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-9625/1-A
Matrix: Solid
Analysis Batch: 9695

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9625

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0		mg/Kg		08/02/24 09:27	08/02/24 13:19	1

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QC Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-8999-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-9625/2-A
Matrix: Solid
Analysis Batch: 9695

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9625

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			30.0	31.4		mg/Kg		105	90 - 110		

Lab Sample ID: MB 885-9674/1-A
Matrix: Solid
Analysis Batch: 9689

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9674

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0		mg/Kg		08/02/24 12:55	08/02/24 16:38	1

Lab Sample ID: LCS 885-9674/2-A
Matrix: Solid
Analysis Batch: 9689

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9674

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			30.0	28.6		mg/Kg		95	90 - 110		

Lab Sample ID: 885-8999-18 MS
Matrix: Solid
Analysis Batch: 9689

Client Sample ID: L46 4'
Prep Type: Total/NA
Prep Batch: 9674

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	420		30.0	441	4	mg/Kg		59	50 - 150		

Lab Sample ID: 885-8999-18 MSD
Matrix: Solid
Analysis Batch: 9689

Client Sample ID: L46 4'
Prep Type: Total/NA
Prep Batch: 9674

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	420		29.9	467	4	mg/Kg		144	50 - 150	6	20

Lab Sample ID: MB 885-9678/1-A
Matrix: Solid
Analysis Batch: 9695

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9678

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0		mg/Kg		08/02/24 14:22	08/02/24 20:11	1

Lab Sample ID: LCS 885-9678/2-A
Matrix: Solid
Analysis Batch: 9695

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9678

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			30.0	31.9		mg/Kg		106	90 - 110		

Lab Sample ID: 885-8999-21 MS
Matrix: Solid
Analysis Batch: 9695

Client Sample ID: L67 0-4'
Prep Type: Total/NA
Prep Batch: 9678

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	340		30.2	380	4	mg/Kg		134	50 - 150		

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-8999-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 885-8999-21 MSD
Matrix: Solid
Analysis Batch: 9695

Client Sample ID: L67 0-4'
Prep Type: Total/NA
Prep Batch: 9678

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	340		30.2	386	4	mg/Kg		155	50 - 150	2	20

Lab Sample ID: 885-8999-22 MS
Matrix: Solid
Analysis Batch: 9695

Client Sample ID: L69 4'
Prep Type: Total/NA
Prep Batch: 9678

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	ND		30.1	ND		mg/Kg		NC	50 - 150		

Lab Sample ID: 885-8999-22 MSD
Matrix: Solid
Analysis Batch: 9695

Client Sample ID: L69 4'
Prep Type: Total/NA
Prep Batch: 9678

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	ND		30.2	ND		mg/Kg		NC	50 - 150	NC	20

Lab Sample ID: MB 885-9689/16
Matrix: Solid
Analysis Batch: 9689

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50		mg/Kg			08/02/24 08:44	1

Lab Sample ID: MRL 885-9689/15
Matrix: Solid
Analysis Batch: 9689

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			0.500	0.512		mg/L		102	50 - 150		

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-8999-1

GC VOA

Prep Batch: 9558

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-9558/1-A	Method Blank	Total/NA	Solid	5030C	

Prep Batch: 9586

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8999-1	L19 4'	Total/NA	Solid	5030C	
885-8999-2	L20 4'	Total/NA	Solid	5030C	
885-8999-3	L21 4'	Total/NA	Solid	5030C	
885-8999-4	L22 0-4'	Total/NA	Solid	5030C	
885-8999-5	L23 0-4'	Total/NA	Solid	5030C	
885-8999-6	L24 0-4'	Total/NA	Solid	5030C	
885-8999-7	L25 4'	Total/NA	Solid	5030C	
885-8999-8	L26 4'	Total/NA	Solid	5030C	
885-8999-9	L33 4'	Total/NA	Solid	5030C	
885-8999-10	L34 4'	Total/NA	Solid	5030C	
885-8999-11	L29 0-4'	Total/NA	Solid	5030C	
885-8999-12	L32 4'	Total/NA	Solid	5030C	
885-8999-13	L35 4'	Total/NA	Solid	5030C	
885-8999-14	L36 4'	Total/NA	Solid	5030C	
885-8999-15	L37 0-4'	Total/NA	Solid	5030C	
885-8999-16	L38 4'	Total/NA	Solid	5030C	
885-8999-17	L40 4'	Total/NA	Solid	5030C	
885-8999-18	L46 4'	Total/NA	Solid	5030C	
885-8999-19	L47 4'	Total/NA	Solid	5030C	
885-8999-20	L55 4'	Total/NA	Solid	5030C	
MB 885-9586/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-9586/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-9586/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-8999-1 MS	L19 4'	Total/NA	Solid	5030C	
885-8999-1 MSD	L19 4'	Total/NA	Solid	5030C	
885-8999-2 MS	L20 4'	Total/NA	Solid	5030C	
885-8999-2 MSD	L20 4'	Total/NA	Solid	5030C	

Prep Batch: 9597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8999-21	L67 0-4'	Total/NA	Solid	5030C	
885-8999-22	L69 4'	Total/NA	Solid	5030C	
MB 885-9597/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-9597/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-9597/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-8999-21 MS	L67 0-4'	Total/NA	Solid	5030C	
885-8999-21 MSD	L67 0-4'	Total/NA	Solid	5030C	
885-8999-22 MS	L69 4'	Total/NA	Solid	5030C	
885-8999-22 MSD	L69 4'	Total/NA	Solid	5030C	

Analysis Batch: 9708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8999-1	L19 4'	Total/NA	Solid	8015M/D	9586
885-8999-2	L20 4'	Total/NA	Solid	8015M/D	9586
885-8999-3	L21 4'	Total/NA	Solid	8015M/D	9586
885-8999-4	L22 0-4'	Total/NA	Solid	8015M/D	9586
885-8999-5	L23 0-4'	Total/NA	Solid	8015M/D	9586

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-8999-1

GC VOA (Continued)

Analysis Batch: 9708 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8999-6	L24 0-4'	Total/NA	Solid	8015M/D	9586
885-8999-7	L25 4'	Total/NA	Solid	8015M/D	9586
885-8999-8	L26 4'	Total/NA	Solid	8015M/D	9586
885-8999-9	L33 4'	Total/NA	Solid	8015M/D	9586
885-8999-10	L34 4'	Total/NA	Solid	8015M/D	9586
885-8999-11	L29 0-4'	Total/NA	Solid	8015M/D	9586
885-8999-12	L32 4'	Total/NA	Solid	8015M/D	9586
885-8999-13	L35 4'	Total/NA	Solid	8015M/D	9586
885-8999-14	L36 4'	Total/NA	Solid	8015M/D	9586
885-8999-15	L37 0-4'	Total/NA	Solid	8015M/D	9586
885-8999-16	L38 4'	Total/NA	Solid	8015M/D	9586
885-8999-17	L40 4'	Total/NA	Solid	8015M/D	9586
885-8999-18	L46 4'	Total/NA	Solid	8015M/D	9586
885-8999-19	L47 4'	Total/NA	Solid	8015M/D	9586
885-8999-20	L55 4'	Total/NA	Solid	8015M/D	9586
MB 885-9586/1-A	Method Blank	Total/NA	Solid	8015M/D	9586
LCS 885-9586/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	9586
885-8999-1 MS	L19 4'	Total/NA	Solid	8015M/D	9586
885-8999-1 MSD	L19 4'	Total/NA	Solid	8015M/D	9586

Analysis Batch: 9710

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8999-1	L19 4'	Total/NA	Solid	8021B	9586
885-8999-2	L20 4'	Total/NA	Solid	8021B	9586
885-8999-3	L21 4'	Total/NA	Solid	8021B	9586
885-8999-4	L22 0-4'	Total/NA	Solid	8021B	9586
885-8999-5	L23 0-4'	Total/NA	Solid	8021B	9586
885-8999-6	L24 0-4'	Total/NA	Solid	8021B	9586
885-8999-7	L25 4'	Total/NA	Solid	8021B	9586
885-8999-8	L26 4'	Total/NA	Solid	8021B	9586
885-8999-9	L33 4'	Total/NA	Solid	8021B	9586
885-8999-10	L34 4'	Total/NA	Solid	8021B	9586
885-8999-11	L29 0-4'	Total/NA	Solid	8021B	9586
885-8999-12	L32 4'	Total/NA	Solid	8021B	9586
885-8999-13	L35 4'	Total/NA	Solid	8021B	9586
885-8999-14	L36 4'	Total/NA	Solid	8021B	9586
885-8999-15	L37 0-4'	Total/NA	Solid	8021B	9586
885-8999-16	L38 4'	Total/NA	Solid	8021B	9586
885-8999-17	L40 4'	Total/NA	Solid	8021B	9586
885-8999-18	L46 4'	Total/NA	Solid	8021B	9586
885-8999-19	L47 4'	Total/NA	Solid	8021B	9586
885-8999-20	L55 4'	Total/NA	Solid	8021B	9586
MB 885-9586/1-A	Method Blank	Total/NA	Solid	8021B	9586
LCS 885-9586/3-A	Lab Control Sample	Total/NA	Solid	8021B	9586
885-8999-2 MS	L20 4'	Total/NA	Solid	8021B	9586
885-8999-2 MSD	L20 4'	Total/NA	Solid	8021B	9586

Analysis Batch: 9722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8999-21	L67 0-4'	Total/NA	Solid	8015M/D	9597
885-8999-22	L69 4'	Total/NA	Solid	8015M/D	9597

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-8999-1

GC VOA (Continued)

Analysis Batch: 9722 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-9558/1-A	Method Blank	Total/NA	Solid	8015M/D	9558
MB 885-9597/1-A	Method Blank	Total/NA	Solid	8015M/D	9597
LCS 885-9597/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	9597
885-8999-21 MS	L67 0-4'	Total/NA	Solid	8015M/D	9597
885-8999-21 MSD	L67 0-4'	Total/NA	Solid	8015M/D	9597

Analysis Batch: 9724

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8999-21	L67 0-4'	Total/NA	Solid	8021B	9597
885-8999-22	L69 4'	Total/NA	Solid	8021B	9597
MB 885-9558/1-A	Method Blank	Total/NA	Solid	8021B	9558
MB 885-9597/1-A	Method Blank	Total/NA	Solid	8021B	9597
LCS 885-9597/3-A	Lab Control Sample	Total/NA	Solid	8021B	9597
885-8999-22 MS	L69 4'	Total/NA	Solid	8021B	9597
885-8999-22 MSD	L69 4'	Total/NA	Solid	8021B	9597

GC Semi VOA

Analysis Batch: 9623

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8999-1	L19 4'	Total/NA	Solid	8015M/D	9652
885-8999-2	L20 4'	Total/NA	Solid	8015M/D	9652
885-8999-3	L21 4'	Total/NA	Solid	8015M/D	9652
885-8999-4	L22 0-4'	Total/NA	Solid	8015M/D	9652
885-8999-5	L23 0-4'	Total/NA	Solid	8015M/D	9652
885-8999-6	L24 0-4'	Total/NA	Solid	8015M/D	9652
885-8999-7	L25 4'	Total/NA	Solid	8015M/D	9652
885-8999-8	L26 4'	Total/NA	Solid	8015M/D	9652
885-8999-9	L33 4'	Total/NA	Solid	8015M/D	9652
885-8999-10	L34 4'	Total/NA	Solid	8015M/D	9652
885-8999-11	L29 0-4'	Total/NA	Solid	8015M/D	9652
885-8999-12	L32 4'	Total/NA	Solid	8015M/D	9652
885-8999-13	L35 4'	Total/NA	Solid	8015M/D	9652
885-8999-14	L36 4'	Total/NA	Solid	8015M/D	9652
885-8999-15	L37 0-4'	Total/NA	Solid	8015M/D	9652
885-8999-16	L38 4'	Total/NA	Solid	8015M/D	9652
885-8999-17	L40 4'	Total/NA	Solid	8015M/D	9652
885-8999-18	L46 4'	Total/NA	Solid	8015M/D	9652
885-8999-19	L47 4'	Total/NA	Solid	8015M/D	9652
885-8999-20	L55 4'	Total/NA	Solid	8015M/D	9652
MB 885-9652/1-A	Method Blank	Total/NA	Solid	8015M/D	9652
LCS 885-9652/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	9652
885-8999-19 MS	L47 4'	Total/NA	Solid	8015M/D	9652
885-8999-19 MSD	L47 4'	Total/NA	Solid	8015M/D	9652

Analysis Batch: 9624

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8999-21	L67 0-4'	Total/NA	Solid	8015M/D	9657
885-8999-22	L69 4'	Total/NA	Solid	8015M/D	9657
MB 885-9657/1-A	Method Blank	Total/NA	Solid	8015M/D	9657
LCS 885-9657/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	9657

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-8999-1

GC Semi VOA

Prep Batch: 9652

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8999-1	L19 4'	Total/NA	Solid	SHAKE	
885-8999-2	L20 4'	Total/NA	Solid	SHAKE	
885-8999-3	L21 4'	Total/NA	Solid	SHAKE	
885-8999-4	L22 0-4'	Total/NA	Solid	SHAKE	
885-8999-5	L23 0-4'	Total/NA	Solid	SHAKE	
885-8999-6	L24 0-4'	Total/NA	Solid	SHAKE	
885-8999-7	L25 4'	Total/NA	Solid	SHAKE	
885-8999-8	L26 4'	Total/NA	Solid	SHAKE	
885-8999-9	L33 4'	Total/NA	Solid	SHAKE	
885-8999-10	L34 4'	Total/NA	Solid	SHAKE	
885-8999-11	L29 0-4'	Total/NA	Solid	SHAKE	
885-8999-12	L32 4'	Total/NA	Solid	SHAKE	
885-8999-13	L35 4'	Total/NA	Solid	SHAKE	
885-8999-14	L36 4'	Total/NA	Solid	SHAKE	
885-8999-15	L37 0-4'	Total/NA	Solid	SHAKE	
885-8999-16	L38 4'	Total/NA	Solid	SHAKE	
885-8999-17	L40 4'	Total/NA	Solid	SHAKE	
885-8999-18	L46 4'	Total/NA	Solid	SHAKE	
885-8999-19	L47 4'	Total/NA	Solid	SHAKE	
885-8999-20	L55 4'	Total/NA	Solid	SHAKE	
MB 885-9652/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-9652/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-8999-19 MS	L47 4'	Total/NA	Solid	SHAKE	
885-8999-19 MSD	L47 4'	Total/NA	Solid	SHAKE	

Prep Batch: 9657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8999-21	L67 0-4'	Total/NA	Solid	SHAKE	
885-8999-22	L69 4'	Total/NA	Solid	SHAKE	
MB 885-9657/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-9657/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

HPLC/IC

Prep Batch: 9625

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8999-1	L19 4'	Total/NA	Solid	300_Prep	
885-8999-2	L20 4'	Total/NA	Solid	300_Prep	
885-8999-3	L21 4'	Total/NA	Solid	300_Prep	
885-8999-4	L22 0-4'	Total/NA	Solid	300_Prep	
885-8999-5	L23 0-4'	Total/NA	Solid	300_Prep	
885-8999-6	L24 0-4'	Total/NA	Solid	300_Prep	
885-8999-7	L25 4'	Total/NA	Solid	300_Prep	
885-8999-8	L26 4'	Total/NA	Solid	300_Prep	
885-8999-9	L33 4'	Total/NA	Solid	300_Prep	
885-8999-10	L34 4'	Total/NA	Solid	300_Prep	
MB 885-9625/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-9625/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-8999-1

HPLC/IC

Prep Batch: 9674

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8999-11	L29 0-4'	Total/NA	Solid	300_Prep	
885-8999-12	L32 4'	Total/NA	Solid	300_Prep	
885-8999-13	L35 4'	Total/NA	Solid	300_Prep	
885-8999-14	L36 4'	Total/NA	Solid	300_Prep	
885-8999-15	L37 0-4'	Total/NA	Solid	300_Prep	
885-8999-16	L38 4'	Total/NA	Solid	300_Prep	
885-8999-17	L40 4'	Total/NA	Solid	300_Prep	
885-8999-18	L46 4'	Total/NA	Solid	300_Prep	
885-8999-19	L47 4'	Total/NA	Solid	300_Prep	
885-8999-20	L55 4'	Total/NA	Solid	300_Prep	
MB 885-9674/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-9674/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-8999-18 MS	L46 4'	Total/NA	Solid	300_Prep	
885-8999-18 MSD	L46 4'	Total/NA	Solid	300_Prep	

Prep Batch: 9678

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8999-21	L67 0-4'	Total/NA	Solid	300_Prep	
885-8999-22	L69 4'	Total/NA	Solid	300_Prep	
MB 885-9678/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-9678/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-8999-21 MS	L67 0-4'	Total/NA	Solid	300_Prep	
885-8999-21 MSD	L67 0-4'	Total/NA	Solid	300_Prep	
885-8999-22 MS	L69 4'	Total/NA	Solid	300_Prep	
885-8999-22 MSD	L69 4'	Total/NA	Solid	300_Prep	

Analysis Batch: 9689

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8999-11	L29 0-4'	Total/NA	Solid	300.0	9674
885-8999-12	L32 4'	Total/NA	Solid	300.0	9674
885-8999-13	L35 4'	Total/NA	Solid	300.0	9674
885-8999-14	L36 4'	Total/NA	Solid	300.0	9674
885-8999-15	L37 0-4'	Total/NA	Solid	300.0	9674
885-8999-16	L38 4'	Total/NA	Solid	300.0	9674
885-8999-17	L40 4'	Total/NA	Solid	300.0	9674
885-8999-18	L46 4'	Total/NA	Solid	300.0	9674
885-8999-19	L47 4'	Total/NA	Solid	300.0	9674
885-8999-20	L55 4'	Total/NA	Solid	300.0	9674
MB 885-9674/1-A	Method Blank	Total/NA	Solid	300.0	9674
MB 885-9689/16	Method Blank	Total/NA	Solid	300.0	
LCS 885-9674/2-A	Lab Control Sample	Total/NA	Solid	300.0	9674
MRL 885-9689/15	Lab Control Sample	Total/NA	Solid	300.0	
885-8999-18 MS	L46 4'	Total/NA	Solid	300.0	9674
885-8999-18 MSD	L46 4'	Total/NA	Solid	300.0	9674

Analysis Batch: 9695

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8999-1	L19 4'	Total/NA	Solid	300.0	9625
885-8999-2	L20 4'	Total/NA	Solid	300.0	9625
885-8999-3	L21 4'	Total/NA	Solid	300.0	9625
885-8999-4	L22 0-4'	Total/NA	Solid	300.0	9625

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-8999-1

HPLC/IC (Continued)

Analysis Batch: 9695 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8999-5	L23 0-4'	Total/NA	Solid	300.0	9625
885-8999-6	L24 0-4'	Total/NA	Solid	300.0	9625
885-8999-7	L25 4'	Total/NA	Solid	300.0	9625
885-8999-8	L26 4'	Total/NA	Solid	300.0	9625
885-8999-9	L33 4'	Total/NA	Solid	300.0	9625
885-8999-10	L34 4'	Total/NA	Solid	300.0	9625
885-8999-21	L67 0-4'	Total/NA	Solid	300.0	9678
885-8999-22	L69 4'	Total/NA	Solid	300.0	9678
MB 885-9625/1-A	Method Blank	Total/NA	Solid	300.0	9625
MB 885-9678/1-A	Method Blank	Total/NA	Solid	300.0	9678
LCS 885-9625/2-A	Lab Control Sample	Total/NA	Solid	300.0	9625
LCS 885-9678/2-A	Lab Control Sample	Total/NA	Solid	300.0	9678
885-8999-21 MS	L67 0-4'	Total/NA	Solid	300.0	9678
885-8999-21 MSD	L67 0-4'	Total/NA	Solid	300.0	9678
885-8999-22 MS	L69 4'	Total/NA	Solid	300.0	9678
885-8999-22 MSD	L69 4'	Total/NA	Solid	300.0	9678

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-8999-1

Client Sample ID: L19 4'
Date Collected: 07/29/24 07:10
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9586	JP	EET ALB	08/01/24 12:37
Total/NA	Analysis	8015M/D		1	9708	AT	EET ALB	08/02/24 11:53
Total/NA	Prep	5030C			9586	JP	EET ALB	08/01/24 12:37
Total/NA	Analysis	8021B		1	9710	AT	EET ALB	08/02/24 11:53
Total/NA	Prep	SHAKE			9652	KR	EET ALB	08/02/24 11:35
Total/NA	Analysis	8015M/D		1	9623	KR	EET ALB	08/02/24 23:23
Total/NA	Prep	300_Prep			9625	RC	EET ALB	08/02/24 12:30
Total/NA	Analysis	300.0		20	9695	EH	EET ALB	08/02/24 17:37

Client Sample ID: L20 4'
Date Collected: 07/29/24 07:15
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9586	JP	EET ALB	08/01/24 12:37
Total/NA	Analysis	8015M/D		1	9708	AT	EET ALB	08/02/24 12:59
Total/NA	Prep	5030C			9586	JP	EET ALB	08/01/24 12:37
Total/NA	Analysis	8021B		1	9710	AT	EET ALB	08/02/24 12:59
Total/NA	Prep	SHAKE			9652	KR	EET ALB	08/02/24 11:35
Total/NA	Analysis	8015M/D		1	9623	KR	EET ALB	08/02/24 23:37
Total/NA	Prep	300_Prep			9625	RC	EET ALB	08/02/24 12:30
Total/NA	Analysis	300.0		20	9695	EH	EET ALB	08/02/24 17:50

Client Sample ID: L21 4'
Date Collected: 07/29/24 07:20
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9586	JP	EET ALB	08/01/24 12:37
Total/NA	Analysis	8015M/D		1	9708	AT	EET ALB	08/02/24 14:04
Total/NA	Prep	5030C			9586	JP	EET ALB	08/01/24 12:37
Total/NA	Analysis	8021B		1	9710	AT	EET ALB	08/02/24 14:04
Total/NA	Prep	SHAKE			9652	KR	EET ALB	08/02/24 11:35
Total/NA	Analysis	8015M/D		1	9623	KR	EET ALB	08/02/24 23:51
Total/NA	Prep	300_Prep			9625	RC	EET ALB	08/02/24 12:30
Total/NA	Analysis	300.0		20	9695	EH	EET ALB	08/02/24 18:02

Client Sample ID: L22 0-4'
Date Collected: 07/29/24 07:25
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9586	JP	EET ALB	08/01/24 12:37
Total/NA	Analysis	8015M/D		1	9708	AT	EET ALB	08/02/24 14:26

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-8999-1

Client Sample ID: L22 0-4'
Date Collected: 07/29/24 07:25
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9586	JP	EET ALB	08/01/24 12:37
Total/NA	Analysis	8021B		1	9710	AT	EET ALB	08/02/24 14:26
Total/NA	Prep	SHAKE			9652	KR	EET ALB	08/02/24 11:35
Total/NA	Analysis	8015M/D		1	9623	KR	EET ALB	08/03/24 00:05
Total/NA	Prep	300_Prep			9625	RC	EET ALB	08/02/24 12:30
Total/NA	Analysis	300.0		20	9695	EH	EET ALB	08/02/24 18:15

Client Sample ID: L23 0-4'
Date Collected: 07/29/24 07:30
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9586	JP	EET ALB	08/01/24 12:37
Total/NA	Analysis	8015M/D		1	9708	AT	EET ALB	08/02/24 14:48
Total/NA	Prep	5030C			9586	JP	EET ALB	08/01/24 12:37
Total/NA	Analysis	8021B		1	9710	AT	EET ALB	08/02/24 14:48
Total/NA	Prep	SHAKE			9652	KR	EET ALB	08/02/24 11:35
Total/NA	Analysis	8015M/D		1	9623	KR	EET ALB	08/03/24 00:18
Total/NA	Prep	300_Prep			9625	RC	EET ALB	08/02/24 12:30
Total/NA	Analysis	300.0		20	9695	EH	EET ALB	08/02/24 18:28

Client Sample ID: L24 0-4'
Date Collected: 07/29/24 07:35
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9586	JP	EET ALB	08/01/24 12:37
Total/NA	Analysis	8015M/D		1	9708	AT	EET ALB	08/02/24 15:10
Total/NA	Prep	5030C			9586	JP	EET ALB	08/01/24 12:37
Total/NA	Analysis	8021B		1	9710	AT	EET ALB	08/02/24 15:10
Total/NA	Prep	SHAKE			9652	KR	EET ALB	08/02/24 11:35
Total/NA	Analysis	8015M/D		1	9623	KR	EET ALB	08/03/24 00:32
Total/NA	Prep	300_Prep			9625	RC	EET ALB	08/02/24 12:30
Total/NA	Analysis	300.0		20	9695	EH	EET ALB	08/02/24 18:41

Client Sample ID: L25 4'
Date Collected: 07/29/24 07:40
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9586	JP	EET ALB	08/01/24 12:37
Total/NA	Analysis	8015M/D		1	9708	AT	EET ALB	08/02/24 15:32
Total/NA	Prep	5030C			9586	JP	EET ALB	08/01/24 12:37
Total/NA	Analysis	8021B		1	9710	AT	EET ALB	08/02/24 15:32

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-8999-1

Client Sample ID: L25 4'
Date Collected: 07/29/24 07:40
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			9652	KR	EET ALB	08/02/24 11:35
Total/NA	Analysis	8015M/D		1	9623	KR	EET ALB	08/03/24 00:46
Total/NA	Prep	300_Prep			9625	RC	EET ALB	08/02/24 12:30
Total/NA	Analysis	300.0		20	9695	EH	EET ALB	08/02/24 19:20

Client Sample ID: L26 4'
Date Collected: 07/29/24 07:45
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9586	JP	EET ALB	08/01/24 12:37
Total/NA	Analysis	8015M/D		1	9708	AT	EET ALB	08/02/24 15:54
Total/NA	Prep	5030C			9586	JP	EET ALB	08/01/24 12:37
Total/NA	Analysis	8021B		1	9710	AT	EET ALB	08/02/24 15:54
Total/NA	Prep	SHAKE			9652	KR	EET ALB	08/02/24 11:35
Total/NA	Analysis	8015M/D		1	9623	KR	EET ALB	08/03/24 00:59
Total/NA	Prep	300_Prep			9625	RC	EET ALB	08/02/24 12:30
Total/NA	Analysis	300.0		20	9695	EH	EET ALB	08/02/24 19:33

Client Sample ID: L33 4'
Date Collected: 07/29/24 08:20
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9586	JP	EET ALB	08/01/24 12:37
Total/NA	Analysis	8015M/D		1	9708	AT	EET ALB	08/02/24 16:16
Total/NA	Prep	5030C			9586	JP	EET ALB	08/01/24 12:37
Total/NA	Analysis	8021B		1	9710	AT	EET ALB	08/02/24 16:16
Total/NA	Prep	SHAKE			9652	KR	EET ALB	08/02/24 11:35
Total/NA	Analysis	8015M/D		1	9623	KR	EET ALB	08/03/24 01:13
Total/NA	Prep	300_Prep			9625	RC	EET ALB	08/02/24 12:30
Total/NA	Analysis	300.0		20	9695	EH	EET ALB	08/02/24 19:46

Client Sample ID: L34 4'
Date Collected: 07/29/24 08:25
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9586	JP	EET ALB	08/01/24 12:37
Total/NA	Analysis	8015M/D		1	9708	AT	EET ALB	08/02/24 16:38
Total/NA	Prep	5030C			9586	JP	EET ALB	08/01/24 12:37
Total/NA	Analysis	8021B		1	9710	AT	EET ALB	08/02/24 16:38
Total/NA	Prep	SHAKE			9652	KR	EET ALB	08/02/24 11:35
Total/NA	Analysis	8015M/D		1	9623	KR	EET ALB	08/03/24 01:27

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-8999-1

Client Sample ID: L34 4'
Date Collected: 07/29/24 08:25
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			9625	RC	EET ALB	08/02/24 12:30
Total/NA	Analysis	300.0		20	9695	EH	EET ALB	08/02/24 19:58

Client Sample ID: L29 0-4'
Date Collected: 07/29/24 08:00
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9586	JP	EET ALB	08/01/24 12:37
Total/NA	Analysis	8015M/D		1	9708	AT	EET ALB	08/02/24 17:22
Total/NA	Prep	5030C			9586	JP	EET ALB	08/01/24 12:37
Total/NA	Analysis	8021B		1	9710	AT	EET ALB	08/02/24 17:22
Total/NA	Prep	SHAKE			9652	KR	EET ALB	08/02/24 11:35
Total/NA	Analysis	8015M/D		1	9623	KR	EET ALB	08/03/24 01:54
Total/NA	Prep	300_Prep			9674	RC	EET ALB	08/02/24 12:55
Total/NA	Analysis	300.0		20	9689	RC	EET ALB	08/02/24 17:03

Client Sample ID: L32 4'
Date Collected: 07/29/24 08:15
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9586	JP	EET ALB	08/01/24 12:37
Total/NA	Analysis	8015M/D		1	9708	AT	EET ALB	08/02/24 17:43
Total/NA	Prep	5030C			9586	JP	EET ALB	08/01/24 12:37
Total/NA	Analysis	8021B		1	9710	AT	EET ALB	08/02/24 17:43
Total/NA	Prep	SHAKE			9652	KR	EET ALB	08/02/24 11:35
Total/NA	Analysis	8015M/D		1	9623	KR	EET ALB	08/03/24 02:07
Total/NA	Prep	300_Prep			9674	RC	EET ALB	08/02/24 12:55
Total/NA	Analysis	300.0		20	9689	RC	EET ALB	08/02/24 17:15

Client Sample ID: L35 4'
Date Collected: 07/29/24 08:30
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9586	JP	EET ALB	08/01/24 12:37
Total/NA	Analysis	8015M/D		1	9708	AT	EET ALB	08/02/24 18:05
Total/NA	Prep	5030C			9586	JP	EET ALB	08/01/24 12:37
Total/NA	Analysis	8021B		1	9710	AT	EET ALB	08/02/24 18:05
Total/NA	Prep	SHAKE			9652	KR	EET ALB	08/02/24 11:35
Total/NA	Analysis	8015M/D		1	9623	KR	EET ALB	08/03/24 02:21
Total/NA	Prep	300_Prep			9674	RC	EET ALB	08/02/24 12:55
Total/NA	Analysis	300.0		20	9689	RC	EET ALB	08/02/24 17:27

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-8999-1

Client Sample ID: L36 4'
Date Collected: 07/29/24 08:35
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9586	JP	EET ALB	08/01/24 12:37
Total/NA	Analysis	8015M/D		1	9708	AT	EET ALB	08/02/24 18:27
Total/NA	Prep	5030C			9586	JP	EET ALB	08/01/24 12:37
Total/NA	Analysis	8021B		1	9710	AT	EET ALB	08/02/24 18:27
Total/NA	Prep	SHAKE			9652	KR	EET ALB	08/02/24 11:35
Total/NA	Analysis	8015M/D		1	9623	KR	EET ALB	08/03/24 02:35
Total/NA	Prep	300_Prep			9674	RC	EET ALB	08/02/24 12:55
Total/NA	Analysis	300.0		20	9689	RC	EET ALB	08/02/24 17:40

Client Sample ID: L37 0-4'
Date Collected: 07/29/24 08:40
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9586	JP	EET ALB	08/01/24 12:37
Total/NA	Analysis	8015M/D		1	9708	AT	EET ALB	08/02/24 18:49
Total/NA	Prep	5030C			9586	JP	EET ALB	08/01/24 12:37
Total/NA	Analysis	8021B		1	9710	AT	EET ALB	08/02/24 18:49
Total/NA	Prep	SHAKE			9652	KR	EET ALB	08/02/24 11:35
Total/NA	Analysis	8015M/D		1	9623	KR	EET ALB	08/03/24 02:48
Total/NA	Prep	300_Prep			9674	RC	EET ALB	08/02/24 12:55
Total/NA	Analysis	300.0		20	9689	RC	EET ALB	08/02/24 17:52

Client Sample ID: L38 4'
Date Collected: 07/29/24 08:45
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9586	JP	EET ALB	08/01/24 12:37
Total/NA	Analysis	8015M/D		1	9708	AT	EET ALB	08/02/24 19:11
Total/NA	Prep	5030C			9586	JP	EET ALB	08/01/24 12:37
Total/NA	Analysis	8021B		1	9710	AT	EET ALB	08/02/24 19:11
Total/NA	Prep	SHAKE			9652	KR	EET ALB	08/02/24 11:35
Total/NA	Analysis	8015M/D		1	9623	KR	EET ALB	08/03/24 03:02
Total/NA	Prep	300_Prep			9674	RC	EET ALB	08/02/24 12:55
Total/NA	Analysis	300.0		20	9689	RC	EET ALB	08/02/24 18:04

Client Sample ID: L40 4'
Date Collected: 07/29/24 08:55
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9586	JP	EET ALB	08/01/24 12:37
Total/NA	Analysis	8015M/D		1	9708	AT	EET ALB	08/02/24 19:33

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-8999-1

Client Sample ID: L40 4'
Date Collected: 07/29/24 08:55
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9586	JP	EET ALB	08/01/24 12:37
Total/NA	Analysis	8021B		1	9710	AT	EET ALB	08/02/24 19:33
Total/NA	Prep	SHAKE			9652	KR	EET ALB	08/02/24 11:35
Total/NA	Analysis	8015M/D		1	9623	KR	EET ALB	08/03/24 03:15
Total/NA	Prep	300_Prep			9674	RC	EET ALB	08/02/24 12:55
Total/NA	Analysis	300.0		20	9689	RC	EET ALB	08/02/24 18:17

Client Sample ID: L46 4'
Date Collected: 07/29/24 09:25
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9586	JP	EET ALB	08/01/24 12:37
Total/NA	Analysis	8015M/D		1	9708	AT	EET ALB	08/02/24 19:55
Total/NA	Prep	5030C			9586	JP	EET ALB	08/01/24 12:37
Total/NA	Analysis	8021B		1	9710	AT	EET ALB	08/02/24 19:55
Total/NA	Prep	SHAKE			9652	KR	EET ALB	08/02/24 11:35
Total/NA	Analysis	8015M/D		1	9623	KR	EET ALB	08/03/24 03:30
Total/NA	Prep	300_Prep			9674	RC	EET ALB	08/02/24 12:55
Total/NA	Analysis	300.0		20	9689	RC	EET ALB	08/02/24 18:29

Client Sample ID: L47 4'
Date Collected: 07/29/24 09:30
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9586	JP	EET ALB	08/01/24 12:37
Total/NA	Analysis	8015M/D		1	9708	AT	EET ALB	08/02/24 20:17
Total/NA	Prep	5030C			9586	JP	EET ALB	08/01/24 12:37
Total/NA	Analysis	8021B		1	9710	AT	EET ALB	08/02/24 20:17
Total/NA	Prep	SHAKE			9652	KR	EET ALB	08/02/24 11:35
Total/NA	Analysis	8015M/D		1	9623	KR	EET ALB	08/03/24 03:43
Total/NA	Prep	300_Prep			9674	RC	EET ALB	08/02/24 12:55
Total/NA	Analysis	300.0		20	9689	RC	EET ALB	08/02/24 19:31

Client Sample ID: L55 4'
Date Collected: 07/29/24 10:10
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9586	JP	EET ALB	08/01/24 12:37
Total/NA	Analysis	8015M/D		1	9708	AT	EET ALB	08/02/24 20:38
Total/NA	Prep	5030C			9586	JP	EET ALB	08/01/24 12:37
Total/NA	Analysis	8021B		1	9710	AT	EET ALB	08/02/24 20:38

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-8999-1

Client Sample ID: L55 4'
Date Collected: 07/29/24 10:10
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			9652	KR	EET ALB	08/02/24 11:35
Total/NA	Analysis	8015M/D		1	9623	KR	EET ALB	08/03/24 03:57
Total/NA	Prep	300_Prep			9674	RC	EET ALB	08/02/24 12:55
Total/NA	Analysis	300.0		20	9689	RC	EET ALB	08/02/24 19:43

Client Sample ID: L67 0-4'
Date Collected: 07/30/24 07:35
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9597	AT	EET ALB	08/01/24 15:02
Total/NA	Analysis	8015M/D		1	9722	RA	EET ALB	08/02/24 22:48
Total/NA	Prep	5030C			9597	AT	EET ALB	08/01/24 15:02
Total/NA	Analysis	8021B		1	9724	RA	EET ALB	08/02/24 22:48
Total/NA	Prep	SHAKE			9657	EM	EET ALB	08/02/24 12:02
Total/NA	Analysis	8015M/D		1	9624	KR	EET ALB	08/02/24 21:53
Total/NA	Prep	300_Prep			9678	JT	EET ALB	08/02/24 14:22
Total/NA	Analysis	300.0		20	9695	EH	EET ALB	08/02/24 20:37

Client Sample ID: L69 4'
Date Collected: 07/30/24 07:45
Date Received: 08/01/24 07:30

Lab Sample ID: 885-8999-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9597	AT	EET ALB	08/01/24 15:02
Total/NA	Analysis	8015M/D		1	9722	RA	EET ALB	08/02/24 23:59
Total/NA	Prep	5030C			9597	AT	EET ALB	08/01/24 15:02
Total/NA	Analysis	8021B		1	9724	RA	EET ALB	08/02/24 23:59
Total/NA	Prep	SHAKE			9657	EM	EET ALB	08/02/24 12:02
Total/NA	Analysis	8015M/D		1	9624	KR	EET ALB	08/02/24 22:18
Total/NA	Prep	300_Prep			9678	JT	EET ALB	08/02/24 14:22
Total/NA	Analysis	300.0		20	9695	EH	EET ALB	08/02/24 21:16

Laboratory References:
EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-8999-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-26-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
300.0	300_Prep	Solid	Chloride
8015M/D	5030C	Solid	Gasoline Range Organics (GRO)-C6-C10
8015M/D	SHAKE	Solid	Diesel Range Organics [C10-C28]
8015M/D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]
8021B	5030C	Solid	Benzene
8021B	5030C	Solid	Ethylbenzene
8021B	5030C	Solid	Toluene
8021B	5030C	Solid	Xylenes, Total

Oregon	NELAP	NM100001	02-26-25

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Received by OCD: 2/11/2025 8:43:06 AM

Chain-of-Custody Record

HALL ENVIRONM
ANALYSIS LABOR
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107
885-8999 COC

Client: Devon Energy
Jim Raley
Mailing Address:
Phone #:
email or Fax#:
QA/QC Package.
☐ Standard ☐ Level 4 (Full Validation)
Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time:
☑ Standard ☑ Rush 5 Day
Project Name: Campana 2M st #007
Project #: 5E32074-BG9
Project Manager: Stephanie Hinds
Sampler: MJP
On Ice: ☑ Yes ☐ No
# of Coolers: 1
Cooler Temp(including CF): 4.7 +0.8 = 5.5 (°C)
Yogi
+1.1=4.6 True error

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
7/29	7:10	Soil	L19 4'	4 oz	Ice	1	✓	✓					✓			
	7:15		L20 4'			2										
	7:20		L21 4'			3										
	7:25		L22 0-4'			4										
	7:30		L23 0-4'			5										
	7:35		L24 0-4'			6										
	7:40		L25 4'			7										
	7:45		L26 4'			8										
	8:20		L[redacted]33 4'			9										
	8:25		L[redacted]34 4'			10										
	8:00		L29 0-4'			11										
	8:15		L32 4'			12										

Analysis Request

Date	Time	Relinquished by	Received by	Via	Date	Time
					7/31/24	900
7/31/24	1900			Courier	8/1/24	7:30

Remarks: Direct Bill Devon
cc: M. Pepper

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories This serves as notice of this possibility Any sub-contracted data will be clearly notated on the analytical report.

Released to Imaging: 2/14/2025 3:42:06 PM
Received by OCD: 2/11/2025 8:43:06 AM

Chain-of-Custody Record

Client: Devon Energy
Jim Raley
Mailing Address:

Phone #:
email or Fax#:
QA/QC Package
☐ Standard ☐ Level 4 (Full Validation)
Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time:
☐ Standard ☒ Rush ~~4 day~~ 5 Day
Project Name: Campana 2M 5T #001
Project #: 5E32074-BG9
Project Manager: Stephanie Hinds
Sampler: MJP
On Ice: ☑ Yes ☐ No
# of Coolers: 1 +0.8 = 5.5 Yes
Cooler Temp(including CF): ~~4.7 +1.1 = 4.8~~ (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
7/29	8:30	Soil	L35 4'	4oz	ice	13	✓	✓					✓			
	8:35		L36 4'			14										
	8:40		L37 0-4'			15										
	8:45		L38 4'			16										
	8:55		L40 4'			17										
	9:25		L46 4'			18										
	9:30		L47 4'			19										
7/29	10:10		L55 4'			20										
7/30	7:35		L67 0-4'			21										
7/30	7:45		L69 4'			22										

Date	Time	Relinquished by	Received by	Via	Date	Time
					7/31/24	900
7/31/24	1900			courier	8/1/24	7:30

Remarks:
CC M. Peppin
Direct Bill Devon

If necessary samples submitted to Hall Environmental may be subcontracted to other accredited laboratories This serves as notice of this possibility Any sub-contracted data will be clearly notated on the analytical report

Released to Imaging: 2/14/2025 3:42:06 PM
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Chain-of-Custody Record

Client: Devon Energy
Jim Raley
Mailing Address:

Phone #:
email or Fax#:
QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time:
☑ Standard ☑ Rush 5 Day
Project Name: Campana 2M St #002
Project #: 5E32074-BG9
Project Manager: Stephanie Hinds
Sampler: MJP
On Ice: ☑ Yes ☐ No
# of Coolers: 1
Cooler Temp(including CF): 4.7 +0.8 = 5.5 (°C) Yogi
Time 8/1/24

HALL ENVIRONM
ANALYSIS LABOR
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

885-8999 COC

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
7/29	7:10	Soil	L19 4'	4 oz	Ice	1	✓	✓					✓			
	7:15		L20 4'			2										
	7:20		L21 4'			3										
	7:25		L22 0-4'			4										
	7:30		L23 0-4'			5										
	7:35		L24 0-4'			6										
	7:40		L25 4'			7										
	7:45		L26 4'			8										
	8:20		L33 4'			9										
	8:25		L34 4'			10										
	8:00		L29 0-4'			11										
	8:15		L32 4'			12										

Date	Time	Relinquished by	Received by	Via	Date	Time
					7/31/24	900
7/31/24	1900			Courier	8/1/24	7:30

Remarks: Direct Bill Devon
cc: M. Pepper

If necessary samples submitted to Hall Environmental may be subcontracted to other accredited laboratories This serves as notice of this possibility Any sub-contracted data will be clearly notated on the analytical report.

Released to Imaging: 2/14/2025 3:42:06 PM

Chain-of-Custody Record

Client: Devon Energy
Jim Raley
Mailing Address:

Phone #:
email or Fax#:
QA/QC Package.
☐ Standard ☐ Level 4 (Full Validation)
Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time:
☐ Standard ☒ Rush ~~Next Day~~ 5 Day
Project Name: Campana 2M 5th #001
Project #: 5E32074-BG9
Project Manager: Stephanie Hinds
Sampler: MJP
On Ice: ☑ Yes ☐ No
# of Coolers: 1 +0.8 = 5.5 Yes
Cooler Temp(Including CF): 4.7 ~~+1.1+4.8~~ (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
7/29	8:30	Soil	L35 4'	4 oz	ice	13	✓	✓					✓			
	8:35		L36 4'			14										
	8:40		L37 0-4'			15										
	8:45		L38 4'			16										
	8:55		L40 4'			17										
	9:25		L46 4'			18										
	9:30		L47 4'			19										
7/29	10:10		L55 4'			20										
7/30	7:35		L67 0-4'			21										
7/30	7:45		L69 4'			22										

Date	Time	Relinquished by	Received by	Via	Date	Time
					7/31/24	900
7/31/24	1900			courier	8/1/24	7:30

Remarks:
CC M. Peppin
Direct Bill Devon

If necessary samples submitted to Hall Environmental may be subcontracted to other accredited laboratories This serves as notice of this possibility Any sub-contracted data will be clearly notated on the analytical report.

Received by OCD: 2/11/2025 8:43:06 AM

Login Sample Receipt Checklist

Client: Devon Energy Corporation Job Number: 885-8999-1

Login Number: 8999 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: Casarrubias, Tracy

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	True	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Jim Raley
Devon Energy Corporation
6488 Seven Rivers Hwy
Artesia, New Mexico 88210

Generated 8/14/2024 2:58:26 PM Revision 1

JOB DESCRIPTION

Campana 2M St #001

JOB NUMBER

885-9002-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

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Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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Revision 1

Authorized for release by
Andy Freeman, Business Unit Manager
andy.freeman@et.eurofinsus.com
(505)345-3975

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Laboratory Job ID: 885-9002-1

Table of Contents

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Definitions/Glossary

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Devon Energy Corporation
Project: Campana 2M St #001

Job ID: 885-9002-1

Job ID: 885-9002-1 Eurofins Albuquerque

Job Narrative
885-9002-1

REVISION

The report being provided is a revision of the original report sent on 8/7/2024. The report (revision 1) is being revised due to The chloride data has been updated for several samples in this revised report..

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 8/1/2024 7:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.6°C.

Gasoline Range Organics
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics
Method 8015D_DRO: The continuing calibration verification (CCV) associated with batch 885-9624 recovered above the upper control limit for Diesel Range Organics [C10-C28]. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. Any associated samples with hits are being re-ran. Original LCS , MS/MSD were re-ran with passing CCV.

Method 8015D_DRO: Surrogate recovery for the following sample was outside the upper control limit: L15 4' (885-9002-15). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8015D_DRO: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 885-9676 and analytical batch 885-9623 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015D_DRO: The continuing calibration verification (CCV) associated with batch 885-9623 recovered above the upper control limit for Diesel Range Organics [C10-C28] and Di-n-octyl phthalate (Surr). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. Any associated samples with hits are being re-ran. Original LCS/MS/MSD were re-ran with passing CCV; data is reportable for this batch. 885-8976-32 re-ran to confirm original results.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Client Sample ID: L1 0-4'
Date Collected: 07/26/24 08:30
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-1
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		08/01/24 15:02	08/03/24 01:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*35 - 166*	*08/01/24 15:02*	*08/03/24 01:09*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/01/24 15:02	08/03/24 01:09	1
Ethylbenzene	ND		0.050		mg/Kg		08/01/24 15:02	08/03/24 01:09	1
Toluene	ND		0.050		mg/Kg		08/01/24 15:02	08/03/24 01:09	1
Xylenes, Total	ND		0.099		mg/Kg		08/01/24 15:02	08/03/24 01:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*48 - 145*	*08/01/24 15:02*	*08/03/24 01:09*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		8.7		mg/Kg		08/02/24 12:02	08/02/24 22:43	1
Motor Oil Range Organics [C28-C40]	ND		43		mg/Kg		08/02/24 12:02	08/02/24 22:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*99*		*62 - 134*	*08/02/24 12:02*	*08/02/24 22:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**210**		60		mg/Kg		08/02/24 14:22	08/02/24 22:20	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Client Sample ID: L2 0-4'
Date Collected: 07/26/24 08:35
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-2
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7		mg/Kg		08/01/24 15:02	08/03/24 01:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*35 - 166*	*08/01/24 15:02*	*08/03/24 01:32*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		08/01/24 15:02	08/03/24 01:32	1
Ethylbenzene	ND		0.047		mg/Kg		08/01/24 15:02	08/03/24 01:32	1
Toluene	ND		0.047		mg/Kg		08/01/24 15:02	08/03/24 01:32	1
Xylenes, Total	ND		0.094		mg/Kg		08/01/24 15:02	08/03/24 01:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*48 - 145*	*08/01/24 15:02*	*08/03/24 01:32*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		8.8		mg/Kg		08/02/24 12:02	08/02/24 23:08	1
Motor Oil Range Organics [C28-C40]	ND		44		mg/Kg		08/02/24 12:02	08/02/24 23:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*100*		*62 - 134*	*08/02/24 12:02*	*08/02/24 23:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**220**		60		mg/Kg		08/02/24 14:22	08/02/24 22:33	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Client Sample ID: L3 0-4'
Date Collected: 07/26/24 08:40
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-3
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		08/01/24 15:02	08/03/24 01:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*35 - 166*	*08/01/24 15:02*	*08/03/24 01:56*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/01/24 15:02	08/03/24 01:56	1
Ethylbenzene	ND		0.048		mg/Kg		08/01/24 15:02	08/03/24 01:56	1
Toluene	ND		0.048		mg/Kg		08/01/24 15:02	08/03/24 01:56	1
Xylenes, Total	ND		0.095		mg/Kg		08/01/24 15:02	08/03/24 01:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*48 - 145*	*08/01/24 15:02*	*08/03/24 01:56*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		8.7		mg/Kg		08/02/24 12:02	08/02/24 23:33	1
Motor Oil Range Organics [C28-C40]	ND		44		mg/Kg		08/02/24 12:02	08/02/24 23:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*85*		*62 - 134*	*08/02/24 12:02*	*08/02/24 23:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**350**		60		mg/Kg		08/02/24 14:22	08/02/24 22:46	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Client Sample ID: L4 0-4'
Date Collected: 07/26/24 08:45
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-4
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7		mg/Kg		08/01/24 15:02	08/03/24 02:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*35 - 166*	*08/01/24 15:02*	*08/03/24 02:19*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		08/01/24 15:02	08/03/24 02:19	1
Ethylbenzene	ND		0.047		mg/Kg		08/01/24 15:02	08/03/24 02:19	1
Toluene	ND		0.047		mg/Kg		08/01/24 15:02	08/03/24 02:19	1
Xylenes, Total	ND		0.093		mg/Kg		08/01/24 15:02	08/03/24 02:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*48 - 145*	*08/01/24 15:02*	*08/03/24 02:19*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		8.8		mg/Kg		08/02/24 12:02	08/02/24 23:57	1
Motor Oil Range Organics [C28-C40]	ND		44		mg/Kg		08/02/24 12:02	08/02/24 23:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*96*		*62 - 134*	*08/02/24 12:02*	*08/02/24 23:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**470**		60		mg/Kg		08/02/24 14:22	08/02/24 22:59	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Client Sample ID: L5 4'
Date Collected: 07/26/24 08:50
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-5
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		08/01/24 15:02	08/03/24 02:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*35 - 166*	*08/01/24 15:02*	*08/03/24 02:43*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/01/24 15:02	08/03/24 02:43	1
Ethylbenzene	ND		0.048		mg/Kg		08/01/24 15:02	08/03/24 02:43	1
Toluene	ND		0.048		mg/Kg		08/01/24 15:02	08/03/24 02:43	1
Xylenes, Total	ND		0.095		mg/Kg		08/01/24 15:02	08/03/24 02:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*48 - 145*	*08/01/24 15:02*	*08/03/24 02:43*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9		mg/Kg		08/02/24 12:02	08/03/24 00:22	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/02/24 12:02	08/03/24 00:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*101*		*62 - 134*	*08/02/24 12:02*	*08/03/24 00:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**270**		60		mg/Kg		08/02/24 14:22	08/02/24 23:12	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Client Sample ID: L6 4'

Date Collected: 07/26/24 08:55
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-6

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		08/01/24 15:02	08/03/24 03:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*35 - 166*	*08/01/24 15:02*	*08/03/24 03:06*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/01/24 15:02	08/03/24 03:06	1
Ethylbenzene	ND		0.050		mg/Kg		08/01/24 15:02	08/03/24 03:06	1
Toluene	ND		0.050		mg/Kg		08/01/24 15:02	08/03/24 03:06	1
Xylenes, Total	ND		0.099		mg/Kg		08/01/24 15:02	08/03/24 03:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*48 - 145*	*08/01/24 15:02*	*08/03/24 03:06*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		8.5		mg/Kg		08/02/24 12:02	08/03/24 00:47	1
Motor Oil Range Organics [C28-C40]	ND		42		mg/Kg		08/02/24 12:02	08/03/24 00:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*102*		*62 - 134*	*08/02/24 12:02*	*08/03/24 00:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**270**		60		mg/Kg		08/02/24 14:22	08/02/24 23:24	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Client Sample ID: L7 4'
Date Collected: 07/26/24 09:00
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-7
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		08/01/24 15:02	08/03/24 03:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*35 - 166*	*08/01/24 15:02*	*08/03/24 03:30*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/01/24 15:02	08/03/24 03:30	1
Ethylbenzene	ND		0.048		mg/Kg		08/01/24 15:02	08/03/24 03:30	1
Toluene	ND		0.048		mg/Kg		08/01/24 15:02	08/03/24 03:30	1
Xylenes, Total	ND		0.097		mg/Kg		08/01/24 15:02	08/03/24 03:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*48 - 145*	*08/01/24 15:02*	*08/03/24 03:30*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9		mg/Kg		08/02/24 12:02	08/03/24 01:12	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/02/24 12:02	08/03/24 01:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*101*		*62 - 134*	*08/02/24 12:02*	*08/03/24 01:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**530**		60		mg/Kg		08/02/24 14:22	08/02/24 23:37	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Client Sample ID: L8 4'
Date Collected: 07/26/24 09:05
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-8
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7		mg/Kg		08/01/24 15:02	08/03/24 03:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*35 - 166*	*08/01/24 15:02*	*08/03/24 03:53*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/01/24 15:02	08/03/24 03:53	1
Ethylbenzene	ND		0.047		mg/Kg		08/01/24 15:02	08/03/24 03:53	1
Toluene	ND		0.047		mg/Kg		08/01/24 15:02	08/03/24 03:53	1
Xylenes, Total	ND		0.095		mg/Kg		08/01/24 15:02	08/03/24 03:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*48 - 145*	*08/01/24 15:02*	*08/03/24 03:53*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		8.7		mg/Kg		08/02/24 12:02	08/03/24 02:02	1
Motor Oil Range Organics [C28-C40]	ND		44		mg/Kg		08/02/24 12:02	08/03/24 02:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*101*		*62 - 134*	*08/02/24 12:02*	*08/03/24 02:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**210**		60		mg/Kg		08/02/24 14:22	08/02/24 23:50	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Client Sample ID: L9 0-4'
Date Collected: 07/26/24 09:15
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-9
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		08/01/24 15:02	08/03/24 04:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*35 - 166*	*08/01/24 15:02*	*08/03/24 04:40*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/01/24 15:02	08/03/24 04:40	1
Ethylbenzene	ND		0.049		mg/Kg		08/01/24 15:02	08/03/24 04:40	1
Toluene	ND		0.049		mg/Kg		08/01/24 15:02	08/03/24 04:40	1
Xylenes, Total	ND		0.098		mg/Kg		08/01/24 15:02	08/03/24 04:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*48 - 145*	*08/01/24 15:02*	*08/03/24 04:40*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		8.8		mg/Kg		08/02/24 12:02	08/03/24 02:27	1
Motor Oil Range Organics [C28-C40]	ND		44		mg/Kg		08/02/24 12:02	08/03/24 02:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*104*		*62 - 134*	*08/02/24 12:02*	*08/03/24 02:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/02/24 14:22	08/02/24 20:20	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Client Sample ID: L10 0-4'
Date Collected: 07/26/24 09:20
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-10
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7		mg/Kg		08/01/24 15:02	08/03/24 05:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*35 - 166*	*08/01/24 15:02*	*08/03/24 05:03*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		08/01/24 15:02	08/03/24 05:03	1
Ethylbenzene	ND		0.047		mg/Kg		08/01/24 15:02	08/03/24 05:03	1
Toluene	ND		0.047		mg/Kg		08/01/24 15:02	08/03/24 05:03	1
Xylenes, Total	ND		0.093		mg/Kg		08/01/24 15:02	08/03/24 05:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*48 - 145*	*08/01/24 15:02*	*08/03/24 05:03*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.1		mg/Kg		08/02/24 12:02	08/03/24 02:51	1
Motor Oil Range Organics [C28-C40]	ND		45		mg/Kg		08/02/24 12:02	08/03/24 02:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*104*		*62 - 134*	*08/02/24 12:02*	*08/03/24 02:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/02/24 14:22	08/02/24 20:33	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Client Sample ID: L11 0-4'
Date Collected: 07/26/24 09:25
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-11
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		08/01/24 15:02	08/03/24 05:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*35 - 166*	*08/01/24 15:02*	*08/03/24 05:27*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/01/24 15:02	08/03/24 05:27	1
Ethylbenzene	ND		0.048		mg/Kg		08/01/24 15:02	08/03/24 05:27	1
Toluene	ND		0.048		mg/Kg		08/01/24 15:02	08/03/24 05:27	1
Xylenes, Total	ND		0.096		mg/Kg		08/01/24 15:02	08/03/24 05:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*48 - 145*	*08/01/24 15:02*	*08/03/24 05:27*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7		mg/Kg		08/02/24 12:02	08/03/24 03:16	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/02/24 12:02	08/03/24 03:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*96*		*62 - 134*	*08/02/24 12:02*	*08/03/24 03:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/02/24 14:22	08/02/24 20:45	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Client Sample ID: L12 0-4'
Date Collected: 07/26/24 09:30
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-12
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		08/01/24 15:02	08/03/24 05:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*35 - 166*	*08/01/24 15:02*	*08/03/24 05:50*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/01/24 15:02	08/03/24 05:50	1
Ethylbenzene	ND		0.049		mg/Kg		08/01/24 15:02	08/03/24 05:50	1
Toluene	ND		0.049		mg/Kg		08/01/24 15:02	08/03/24 05:50	1
Xylenes, Total	ND		0.098		mg/Kg		08/01/24 15:02	08/03/24 05:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*48 - 145*	*08/01/24 15:02*	*08/03/24 05:50*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		8.6		mg/Kg		08/02/24 12:02	08/03/24 03:41	1
Motor Oil Range Organics [C28-C40]	ND		43		mg/Kg		08/02/24 12:02	08/03/24 03:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*115*		*62 - 134*	*08/02/24 12:02*	*08/03/24 03:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**110**		60		mg/Kg		08/02/24 14:22	08/02/24 20:57	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Client Sample ID: L13 0-4'
Date Collected: 07/26/24 09:35
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-13
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7		mg/Kg		08/01/24 15:02	08/03/24 06:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*35 - 166*	*08/01/24 15:02*	*08/03/24 06:14*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/01/24 15:02	08/03/24 06:14	1
Ethylbenzene	ND		0.047		mg/Kg		08/01/24 15:02	08/03/24 06:14	1
Toluene	ND		0.047		mg/Kg		08/01/24 15:02	08/03/24 06:14	1
Xylenes, Total	ND		0.095		mg/Kg		08/01/24 15:02	08/03/24 06:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*48 - 145*	*08/01/24 15:02*	*08/03/24 06:14*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		8.8		mg/Kg		08/02/24 12:02	08/03/24 04:05	1
Motor Oil Range Organics [C28-C40]	ND		44		mg/Kg		08/02/24 12:02	08/03/24 04:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*99*		*62 - 134*	*08/02/24 12:02*	*08/03/24 04:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**150**		60		mg/Kg		08/02/24 14:22	08/02/24 21:34	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Client Sample ID: L14 4'

Date Collected: 07/26/24 09:40
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-14

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7		mg/Kg		08/01/24 15:02	08/03/24 06:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*35 - 166*	*08/01/24 15:02*	*08/03/24 06:37*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/01/24 15:02	08/03/24 06:37	1
Ethylbenzene	ND		0.047		mg/Kg		08/01/24 15:02	08/03/24 06:37	1
Toluene	ND		0.047		mg/Kg		08/01/24 15:02	08/03/24 06:37	1
Xylenes, Total	ND		0.095		mg/Kg		08/01/24 15:02	08/03/24 06:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*48 - 145*	*08/01/24 15:02*	*08/03/24 06:37*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5		mg/Kg		08/02/24 12:02	08/03/24 04:30	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		08/02/24 12:02	08/03/24 04:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*99*		*62 - 134*	*08/02/24 12:02*	*08/03/24 04:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**150**		60		mg/Kg		08/02/24 14:22	08/02/24 21:47	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Client Sample ID: L15 4'

Date Collected: 07/26/24 09:45
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-15

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		08/01/24 15:02	08/03/24 07:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*35 - 166*	*08/01/24 15:02*	*08/03/24 07:01*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/01/24 15:02	08/03/24 07:01	1
Ethylbenzene	ND		0.048		mg/Kg		08/01/24 15:02	08/03/24 07:01	1
Toluene	ND		0.048		mg/Kg		08/01/24 15:02	08/03/24 07:01	1
Xylenes, Total	ND		0.097		mg/Kg		08/01/24 15:02	08/03/24 07:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*48 - 145*	*08/01/24 15:02*	*08/03/24 07:01*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		8.5		mg/Kg		08/02/24 12:02	08/03/24 04:55	1
Motor Oil Range Organics [C28-C40]	ND		42		mg/Kg		08/02/24 12:02	08/03/24 04:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*158*	*S1+*	*62 - 134*	*08/02/24 12:02*	*08/03/24 04:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**410**		60		mg/Kg		08/02/24 14:22	08/02/24 21:59	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Client Sample ID: L16 4'
Date Collected: 07/26/24 09:50
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-16
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7		mg/Kg		08/01/24 15:02	08/03/24 07:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*35 - 166*	*08/01/24 15:02*	*08/03/24 07:24*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		08/01/24 15:02	08/03/24 07:24	1
Ethylbenzene	ND		0.047		mg/Kg		08/01/24 15:02	08/03/24 07:24	1
Toluene	ND		0.047		mg/Kg		08/01/24 15:02	08/03/24 07:24	1
Xylenes, Total	ND		0.094		mg/Kg		08/01/24 15:02	08/03/24 07:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*48 - 145*	*08/01/24 15:02*	*08/03/24 07:24*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.0		mg/Kg		08/02/24 12:02	08/03/24 05:20	1
Motor Oil Range Organics [C28-C40]	ND		45		mg/Kg		08/02/24 12:02	08/03/24 05:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*103*		*62 - 134*	*08/02/24 12:02*	*08/03/24 05:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**110**		60		mg/Kg		08/02/24 14:22	08/02/24 22:11	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Client Sample ID: L41 4'
Date Collected: 07/29/24 09:00
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-17
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7		mg/Kg		08/01/24 15:02	08/03/24 07:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*35 - 166*	*08/01/24 15:02*	*08/03/24 07:47*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		08/01/24 15:02	08/03/24 07:47	1
Ethylbenzene	ND		0.047		mg/Kg		08/01/24 15:02	08/03/24 07:47	1
Toluene	ND		0.047		mg/Kg		08/01/24 15:02	08/03/24 07:47	1
Xylenes, Total	ND		0.093		mg/Kg		08/01/24 15:02	08/03/24 07:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*48 - 145*	*08/01/24 15:02*	*08/03/24 07:47*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		8.7		mg/Kg		08/02/24 12:02	08/03/24 05:44	1
Motor Oil Range Organics [C28-C40]	ND		44		mg/Kg		08/02/24 12:02	08/03/24 05:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*105*		*62 - 134*	*08/02/24 12:02*	*08/03/24 05:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**65**		60		mg/Kg		08/02/24 14:22	08/02/24 22:24	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Client Sample ID: L44 0-4'
Date Collected: 07/29/24 09:15
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-18
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.6		mg/Kg		08/01/24 15:02	08/03/24 08:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*35 - 166*	*08/01/24 15:02*	*08/03/24 08:11*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		08/01/24 15:02	08/03/24 08:11	1
Ethylbenzene	ND		0.046		mg/Kg		08/01/24 15:02	08/03/24 08:11	1
Toluene	ND		0.046		mg/Kg		08/01/24 15:02	08/03/24 08:11	1
Xylenes, Total	ND		0.092		mg/Kg		08/01/24 15:02	08/03/24 08:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*48 - 145*	*08/01/24 15:02*	*08/03/24 08:11*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3		mg/Kg		08/02/24 12:02	08/03/24 06:09	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		08/02/24 12:02	08/03/24 06:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*107*		*62 - 134*	*08/02/24 12:02*	*08/03/24 06:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/02/24 14:22	08/02/24 22:36	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Client Sample ID: L45 4'
Date Collected: 07/29/24 09:20
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-19
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		08/01/24 16:18	08/03/24 10:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*35 - 166*	*08/01/24 16:18*	*08/03/24 10:32*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/01/24 16:18	08/03/24 10:32	1
Ethylbenzene	ND		0.050		mg/Kg		08/01/24 16:18	08/03/24 10:32	1
Toluene	ND		0.050		mg/Kg		08/01/24 16:18	08/03/24 10:32	1
Xylenes, Total	ND		0.10		mg/Kg		08/01/24 16:18	08/03/24 10:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*48 - 145*	*08/01/24 16:18*	*08/03/24 10:32*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5		mg/Kg		08/02/24 13:17	08/02/24 17:27	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/02/24 13:17	08/02/24 17:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*117*		*62 - 134*	*08/02/24 13:17*	*08/02/24 17:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/02/24 14:45	08/08/24 10:50	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Client Sample ID: L52 0-4'
Date Collected: 07/29/24 09:55
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-20
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		08/01/24 16:18	08/03/24 11:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*35 - 166*	*08/01/24 16:18*	*08/03/24 11:43*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/01/24 16:18	08/03/24 11:43	1
Ethylbenzene	ND		0.050		mg/Kg		08/01/24 16:18	08/03/24 11:43	1
Toluene	ND		0.050		mg/Kg		08/01/24 16:18	08/03/24 11:43	1
Xylenes, Total	ND		0.099		mg/Kg		08/01/24 16:18	08/03/24 11:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*48 - 145*	*08/01/24 16:18*	*08/03/24 11:43*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7		mg/Kg		08/02/24 13:17	08/02/24 17:40	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/02/24 13:17	08/02/24 17:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*131*		*62 - 134*	*08/02/24 13:17*	*08/02/24 17:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**310**		60		mg/Kg		08/02/24 14:45	08/08/24 12:21	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Client Sample ID: L53 4'
Date Collected: 07/29/24 10:00
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-21
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		08/01/24 16:18	08/03/24 12:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*35 - 166*	*08/01/24 16:18*	*08/03/24 12:53*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/01/24 16:18	08/03/24 12:53	1
Ethylbenzene	ND		0.048		mg/Kg		08/01/24 16:18	08/03/24 12:53	1
Toluene	ND		0.048		mg/Kg		08/01/24 16:18	08/03/24 12:53	1
Xylenes, Total	ND		0.097		mg/Kg		08/01/24 16:18	08/03/24 12:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*48 - 145*	*08/01/24 16:18*	*08/03/24 12:53*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.1		mg/Kg		08/02/24 13:17	08/02/24 17:54	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		08/02/24 13:17	08/02/24 17:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*124*		*62 - 134*	*08/02/24 13:17*	*08/02/24 17:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**430**		61		mg/Kg		08/02/24 14:45	08/08/24 11:05	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Client Sample ID: L54 0-4'
Date Collected: 07/29/24 10:05
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-22
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		08/01/24 16:18	08/03/24 13:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*35 - 166*	*08/01/24 16:18*	*08/03/24 13:17*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/01/24 16:18	08/03/24 13:17	1
Ethylbenzene	ND		0.048		mg/Kg		08/01/24 16:18	08/03/24 13:17	1
Toluene	ND		0.048		mg/Kg		08/01/24 16:18	08/03/24 13:17	1
Xylenes, Total	ND		0.095		mg/Kg		08/01/24 16:18	08/03/24 13:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*48 - 145*	*08/01/24 16:18*	*08/03/24 13:17*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4		mg/Kg		08/02/24 13:17	08/02/24 18:08	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		08/02/24 13:17	08/02/24 18:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*100*		*62 - 134*	*08/02/24 13:17*	*08/02/24 18:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**360**		60		mg/Kg		08/02/24 14:45	08/08/24 12:36	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Client Sample ID: L56 0-4'

Date Collected: 07/29/24 10:15
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-23

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		08/01/24 16:18	08/03/24 13:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*35 - 166*	*08/01/24 16:18*	*08/03/24 13:40*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/01/24 16:18	08/03/24 13:40	1
Ethylbenzene	ND		0.050		mg/Kg		08/01/24 16:18	08/03/24 13:40	1
Toluene	ND		0.050		mg/Kg		08/01/24 16:18	08/03/24 13:40	1
Xylenes, Total	ND		0.099		mg/Kg		08/01/24 16:18	08/03/24 13:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*48 - 145*	*08/01/24 16:18*	*08/03/24 13:40*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5		mg/Kg		08/02/24 13:17	08/02/24 18:21	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/02/24 13:17	08/02/24 18:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*99*		*62 - 134*	*08/02/24 13:17*	*08/02/24 18:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**360**		60		mg/Kg		08/02/24 14:45	08/08/24 13:21	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Client Sample ID: L57 4'
Date Collected: 07/29/24 10:20
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-24
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.6		mg/Kg		08/01/24 16:18	08/03/24 14:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*35 - 166*	*08/01/24 16:18*	*08/03/24 14:04*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		08/01/24 16:18	08/03/24 14:04	1
Ethylbenzene	ND		0.046		mg/Kg		08/01/24 16:18	08/03/24 14:04	1
Toluene	ND		0.046		mg/Kg		08/01/24 16:18	08/03/24 14:04	1
Xylenes, Total	ND		0.093		mg/Kg		08/01/24 16:18	08/03/24 14:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*48 - 145*	*08/01/24 16:18*	*08/03/24 14:04*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		08/02/24 13:17	08/02/24 18:35	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/02/24 13:17	08/02/24 18:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*91*		*62 - 134*	*08/02/24 13:17*	*08/02/24 18:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**120**		60		mg/Kg		08/02/24 14:45	08/08/24 13:37	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Client Sample ID: L58 4'
Date Collected: 07/29/24 10:25
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-25
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		08/01/24 16:18	08/03/24 14:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*35 - 166*	*08/01/24 16:18*	*08/03/24 14:27*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/01/24 16:18	08/03/24 14:27	1
Ethylbenzene	ND		0.048		mg/Kg		08/01/24 16:18	08/03/24 14:27	1
Toluene	ND		0.048		mg/Kg		08/01/24 16:18	08/03/24 14:27	1
Xylenes, Total	ND		0.095		mg/Kg		08/01/24 16:18	08/03/24 14:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*48 - 145*	*08/01/24 16:18*	*08/03/24 14:27*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		8.7		mg/Kg		08/02/24 13:17	08/02/24 18:49	1
Motor Oil Range Organics [C28-C40]	ND		43		mg/Kg		08/02/24 13:17	08/02/24 18:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*82*		*62 - 134*	*08/02/24 13:17*	*08/02/24 18:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**150**		60		mg/Kg		08/02/24 14:45	08/08/24 13:52	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Client Sample ID: L604'
Date Collected: 07/29/24 10:35
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-26
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7		mg/Kg		08/01/24 16:18	08/03/24 14:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*35 - 166*	*08/01/24 16:18*	*08/03/24 14:51*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		08/01/24 16:18	08/03/24 14:51	1
Ethylbenzene	ND		0.047		mg/Kg		08/01/24 16:18	08/03/24 14:51	1
Toluene	ND		0.047		mg/Kg		08/01/24 16:18	08/03/24 14:51	1
Xylenes, Total	ND		0.094		mg/Kg		08/01/24 16:18	08/03/24 14:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*48 - 145*	*08/01/24 16:18*	*08/03/24 14:51*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		08/02/24 13:17	08/02/24 19:03	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/02/24 13:17	08/02/24 19:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*95*		*62 - 134*	*08/02/24 13:17*	*08/02/24 19:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**410**		60		mg/Kg		08/02/24 14:45	08/08/24 14:07	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Client Sample ID: L61 0-4'
Date Collected: 07/29/24 10:40
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-27
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7		mg/Kg		08/01/24 16:18	08/03/24 15:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*35 - 166*	*08/01/24 16:18*	*08/03/24 15:14*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		08/01/24 16:18	08/03/24 15:14	1
Ethylbenzene	ND		0.047		mg/Kg		08/01/24 16:18	08/03/24 15:14	1
Toluene	ND		0.047		mg/Kg		08/01/24 16:18	08/03/24 15:14	1
Xylenes, Total	ND		0.093		mg/Kg		08/01/24 16:18	08/03/24 15:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*48 - 145*	*08/01/24 16:18*	*08/03/24 15:14*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9		mg/Kg		08/02/24 13:17	08/02/24 19:16	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/02/24 13:17	08/02/24 19:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*95*		*62 - 134*	*08/02/24 13:17*	*08/02/24 19:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**660**		60		mg/Kg		08/02/24 14:45	08/08/24 11:20	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Client Sample ID: L17 4'
Date Collected: 07/29/24 07:00
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-28
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		08/01/24 16:18	08/03/24 15:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*35 - 166*	*08/01/24 16:18*	*08/03/24 15:38*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/01/24 16:18	08/03/24 15:38	1
Ethylbenzene	ND		0.050		mg/Kg		08/01/24 16:18	08/03/24 15:38	1
Toluene	ND		0.050		mg/Kg		08/01/24 16:18	08/03/24 15:38	1
Xylenes, Total	ND		0.10		mg/Kg		08/01/24 16:18	08/03/24 15:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*48 - 145*	*08/01/24 16:18*	*08/03/24 15:38*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6		mg/Kg		08/02/24 13:17	08/02/24 19:30	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/02/24 13:17	08/02/24 19:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*72*		*62 - 134*	*08/02/24 13:17*	*08/02/24 19:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**260**		60		mg/Kg		08/02/24 14:45	08/08/24 14:22	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Client Sample ID: L18 4'
Date Collected: 07/29/24 07:05
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-29
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7		mg/Kg		08/01/24 16:18	08/03/24 16:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*35 - 166*	*08/01/24 16:18*	*08/03/24 16:25*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		08/01/24 16:18	08/03/24 16:25	1
Ethylbenzene	ND		0.047		mg/Kg		08/01/24 16:18	08/03/24 16:25	1
Toluene	ND		0.047		mg/Kg		08/01/24 16:18	08/03/24 16:25	1
Xylenes, Total	ND		0.094		mg/Kg		08/01/24 16:18	08/03/24 16:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*48 - 145*	*08/01/24 16:18*	*08/03/24 16:25*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		08/02/24 13:17	08/02/24 19:57	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/02/24 13:17	08/02/24 19:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*88*		*62 - 134*	*08/02/24 13:17*	*08/02/24 19:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**340**		60		mg/Kg		08/02/24 14:45	08/08/24 14:37	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Client Sample ID: L27 4'
Date Collected: 07/29/24 07:50
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-30
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		08/01/24 16:18	08/03/24 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*35 - 166*	*08/01/24 16:18*	*08/03/24 16:49*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/01/24 16:18	08/03/24 16:49	1
Ethylbenzene	ND		0.048		mg/Kg		08/01/24 16:18	08/03/24 16:49	1
Toluene	ND		0.048		mg/Kg		08/01/24 16:18	08/03/24 16:49	1
Xylenes, Total	ND		0.097		mg/Kg		08/01/24 16:18	08/03/24 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*48 - 145*	*08/01/24 16:18*	*08/03/24 16:49*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.1		mg/Kg		08/02/24 13:17	08/02/24 20:11	1
Motor Oil Range Organics [C28-C40]	ND		45		mg/Kg		08/02/24 13:17	08/02/24 20:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*96*		*62 - 134*	*08/02/24 13:17*	*08/02/24 20:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**72**		60		mg/Kg		08/02/24 14:45	08/08/24 14:52	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Client Sample ID: L28 4'
Date Collected: 07/29/24 07:55
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-31
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.6		mg/Kg		08/01/24 16:18	08/03/24 17:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*35 - 166*	*08/01/24 16:18*	*08/03/24 17:12*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		08/01/24 16:18	08/03/24 17:12	1
Ethylbenzene	ND		0.046		mg/Kg		08/01/24 16:18	08/03/24 17:12	1
Toluene	ND		0.046		mg/Kg		08/01/24 16:18	08/03/24 17:12	1
Xylenes, Total	ND		0.092		mg/Kg		08/01/24 16:18	08/03/24 17:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*48 - 145*	*08/01/24 16:18*	*08/03/24 17:12*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9		mg/Kg		08/02/24 13:17	08/02/24 20:25	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/02/24 13:17	08/02/24 20:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*98*		*62 - 134*	*08/02/24 13:17*	*08/02/24 20:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/02/24 14:45	08/08/24 15:07	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Client Sample ID: L30 0-4'
Date Collected: 07/29/24 08:05
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-32
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7		mg/Kg		08/01/24 16:18	08/03/24 17:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*35 - 166*	*08/01/24 16:18*	*08/03/24 17:36*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/01/24 16:18	08/03/24 17:36	1
Ethylbenzene	ND		0.047		mg/Kg		08/01/24 16:18	08/03/24 17:36	1
Toluene	ND		0.047		mg/Kg		08/01/24 16:18	08/03/24 17:36	1
Xylenes, Total	ND		0.095		mg/Kg		08/01/24 16:18	08/03/24 17:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*48 - 145*	*08/01/24 16:18*	*08/03/24 17:36*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6		mg/Kg		08/02/24 13:17	08/02/24 20:39	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/02/24 13:17	08/02/24 20:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*97*		*62 - 134*	*08/02/24 13:17*	*08/02/24 20:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**130**		59		mg/Kg		08/02/24 14:45	08/08/24 15:23	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Client Sample ID: L31 4'
Date Collected: 07/29/24 08:10
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-33
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.6		mg/Kg		08/01/24 16:18	08/03/24 17:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*35 - 166*	*08/01/24 16:18*	*08/03/24 17:59*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		08/01/24 16:18	08/03/24 17:59	1
Ethylbenzene	ND		0.046		mg/Kg		08/01/24 16:18	08/03/24 17:59	1
Toluene	ND		0.046		mg/Kg		08/01/24 16:18	08/03/24 17:59	1
Xylenes, Total	ND		0.092		mg/Kg		08/01/24 16:18	08/03/24 17:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*48 - 145*	*08/01/24 16:18*	*08/03/24 17:59*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6		mg/Kg		08/02/24 13:17	08/02/24 20:53	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/02/24 13:17	08/02/24 20:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*104*		*62 - 134*	*08/02/24 13:17*	*08/02/24 20:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**130**		60		mg/Kg		08/02/24 14:45	08/08/24 11:35	20

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-9558/1-A
Matrix: Solid
Analysis Batch: 9722

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9558

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		08/01/24 09:35	08/02/24 10:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*35 - 166*	*08/01/24 09:35*	*08/02/24 10:36*	*1*

Lab Sample ID: MB 885-9597/1-A
Matrix: Solid
Analysis Batch: 9722

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9597

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		08/01/24 15:02	08/02/24 22:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*35 - 166*	*08/01/24 15:02*	*08/02/24 22:25*	*1*

Lab Sample ID: LCS 885-9597/2-A
Matrix: Solid
Analysis Batch: 9722

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9597

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			25.0	22.4		mg/Kg		90	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*198*	*S1+*	*35 - 166*

Lab Sample ID: MB 885-9599/1-A
Matrix: Solid
Analysis Batch: 9722

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9599

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		08/01/24 16:18	08/03/24 10:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*35 - 166*	*08/01/24 16:18*	*08/03/24 10:09*	*1*

Lab Sample ID: LCS 885-9599/2-A
Matrix: Solid
Analysis Batch: 9722

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9599

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			25.0	22.0		mg/Kg		88	70 - 130		

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC) (Continued)

Lab Sample ID: LCS 885-9599/2-A
Matrix: Solid
Analysis Batch: 9722

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9599

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*198*	*S1+*	*35 - 166*

Lab Sample ID: 885-9002-19 MS
Matrix: Solid
Analysis Batch: 9722

Client Sample ID: L45 4'
Prep Type: Total/NA
Prep Batch: 9599

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	ND		24.7	23.3		mg/Kg		94	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*209*	*S1+*	*35 - 166*

Lab Sample ID: 885-9002-19 MSD
Matrix: Solid
Analysis Batch: 9722

Client Sample ID: L45 4'
Prep Type: Total/NA
Prep Batch: 9599

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	ND		24.7	24.1		mg/Kg		98	70 - 130	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*208*	*S1+*	*35 - 166*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-9558/1-A
Matrix: Solid
Analysis Batch: 9724

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9558

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/01/24 09:35	08/02/24 10:36	1
Ethylbenzene	ND		0.050		mg/Kg		08/01/24 09:35	08/02/24 10:36	1
Toluene	ND		0.050		mg/Kg		08/01/24 09:35	08/02/24 10:36	1
Xylenes, Total	ND		0.10		mg/Kg		08/01/24 09:35	08/02/24 10:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*48 - 145*	*08/01/24 09:35*	*08/02/24 10:36*	*1*

Lab Sample ID: MB 885-9597/1-A
Matrix: Solid
Analysis Batch: 9724

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9597

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/01/24 15:02	08/02/24 22:25	1
Ethylbenzene	ND		0.050		mg/Kg		08/01/24 15:02	08/02/24 22:25	1
Toluene	ND		0.050		mg/Kg		08/01/24 15:02	08/02/24 22:25	1
Xylenes, Total	ND		0.10		mg/Kg		08/01/24 15:02	08/02/24 22:25	1

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 885-9597/1-A
Matrix: Solid
Analysis Batch: 9724

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9597

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		48 - 145	08/01/24 15:02	08/02/24 22:25	1

Lab Sample ID: LCS 885-9597/3-A
Matrix: Solid
Analysis Batch: 9724

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9597

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.969		mg/Kg		97	70 - 130
Ethylbenzene	1.00	0.881		mg/Kg		88	70 - 130
Toluene	1.00	0.902		mg/Kg		90	70 - 130
m,p-Xylene	2.00	1.76		mg/Kg		88	70 - 130
o-Xylene	1.00	0.851		mg/Kg		85	70 - 130
Xylenes, Total	3.00	2.61		mg/Kg		87	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		48 - 145

Lab Sample ID: MB 885-9599/1-A
Matrix: Solid
Analysis Batch: 9724

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9599

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		08/01/24 16:18	08/03/24 10:09	1
Ethylbenzene	ND		0.050	mg/Kg		08/01/24 16:18	08/03/24 10:09	1
Toluene	ND		0.050	mg/Kg		08/01/24 16:18	08/03/24 10:09	1
Xylenes, Total	ND		0.10	mg/Kg		08/01/24 16:18	08/03/24 10:09	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		48 - 145	08/01/24 16:18	08/03/24 10:09	1

Lab Sample ID: LCS 885-9599/3-A
Matrix: Solid
Analysis Batch: 9724

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9599

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.967		mg/Kg		97	70 - 130
Ethylbenzene	1.00	0.883		mg/Kg		88	70 - 130
Toluene	1.00	0.913		mg/Kg		91	70 - 130
m,p-Xylene	2.00	1.76		mg/Kg		88	70 - 130
o-Xylene	1.00	0.851		mg/Kg		85	70 - 130
Xylenes, Total	3.00	2.61		mg/Kg		87	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		48 - 145

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 885-9002-20 MS
Matrix: Solid
Analysis Batch: 9724

Client Sample ID: L52 0-4'
Prep Type: Total/NA
Prep Batch: 9599

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.987	1.07		mg/Kg		108	70 - 130
Ethylbenzene	ND		0.987	1.01		mg/Kg		102	70 - 130
Toluene	ND		0.987	1.02		mg/Kg		102	70 - 130
m,p-Xylene	ND		1.97	2.02		mg/Kg		101	70 - 130
o-Xylene	ND		0.987	0.989		mg/Kg		100	70 - 130
Xylenes, Total	ND		2.96	3.00		mg/Kg		101	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*88*		*48 - 145*

Lab Sample ID: 885-9002-20 MSD
Matrix: Solid
Analysis Batch: 9724

Client Sample ID: L52 0-4'
Prep Type: Total/NA
Prep Batch: 9599

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.988	1.10		mg/Kg		111	70 - 130	3	20
Ethylbenzene	ND		0.988	1.03		mg/Kg		104	70 - 130	2	20
Toluene	ND		0.988	1.04		mg/Kg		104	70 - 130	3	20
m,p-Xylene	ND		1.98	2.05		mg/Kg		102	70 - 130	2	20
o-Xylene	ND		0.988	1.01		mg/Kg		102	70 - 130	2	20
Xylenes, Total	ND		2.96	3.06		mg/Kg		102	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*48 - 145*

Method: 8015M/D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-9657/1-A
Matrix: Solid
Analysis Batch: 9624

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9657

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		08/02/24 12:02	08/02/24 21:04	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/02/24 12:02	08/02/24 21:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*96*		*62 - 134*	*08/02/24 12:02*	*08/02/24 21:04*	*1*

Lab Sample ID: LCS 885-9657/2-A
Matrix: Solid
Analysis Batch: 9624

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9657

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]			50.0	53.5		mg/Kg		107	60 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*95*		*62 - 134*

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Method: 8015M/D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: 885-9002-18 MS
Matrix: Solid
Analysis Batch: 9624

Client Sample ID: L44 0-4'
Prep Type: Total/NA
Prep Batch: 9657

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]	ND		46.9	52.4		mg/Kg		112	44 - 136		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*107*		*62 - 134*

Lab Sample ID: 885-9002-18 MSD
Matrix: Solid
Analysis Batch: 9624

Client Sample ID: L44 0-4'
Prep Type: Total/NA
Prep Batch: 9657

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		48.0	50.8		mg/Kg		106	44 - 136	3	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*97*		*62 - 134*

Lab Sample ID: MB 885-9676/1-A
Matrix: Solid
Analysis Batch: 9623

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9676

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		08/02/24 13:17	08/02/24 16:59	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/02/24 13:17	08/02/24 16:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*115*		*62 - 134*	*08/02/24 13:17*	*08/02/24 16:59*	*1*

Lab Sample ID: LCS 885-9676/2-A
Matrix: Solid
Analysis Batch: 9623

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9676

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	56.2		mg/Kg		112	60 - 135		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*117*		*62 - 134*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-9678/1-A
Matrix: Solid
Analysis Batch: 9689

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9678

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0		mg/Kg		08/02/24 14:22	08/02/24 19:56	1

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 885-9678/1-A
Matrix: Solid
Analysis Batch: 9695

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9678

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0		mg/Kg		08/02/24 14:22	08/02/24 20:11	1

Lab Sample ID: LCS 885-9678/2-A
Matrix: Solid
Analysis Batch: 9689

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9678

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			30.0	28.9		mg/Kg		96	90 - 110		

Lab Sample ID: LCS 885-9678/2-A
Matrix: Solid
Analysis Batch: 9695

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9678

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			30.0	31.9		mg/Kg		106	90 - 110		

Lab Sample ID: MB 885-9681/1-A
Matrix: Solid
Analysis Batch: 9689

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9681

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0		mg/Kg		08/02/24 14:45	08/02/24 22:48	1

Lab Sample ID: LCS 885-9681/2-A
Matrix: Solid
Analysis Batch: 9689

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9681

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			30.0	29.0		mg/Kg		97	90 - 110		

Lab Sample ID: MB 885-9689/16
Matrix: Solid
Analysis Batch: 9689

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50		mg/Kg			08/02/24 08:44	1

Lab Sample ID: MRL 885-9689/15
Matrix: Solid
Analysis Batch: 9689

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			0.500	0.512		mg/L		102	50 - 150		

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

GC VOA

Prep Batch: 9558

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-9558/1-A	Method Blank	Total/NA	Solid	5030C	

Prep Batch: 9597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9002-1	L1 0-4'	Total/NA	Solid	5030C	
885-9002-2	L2 0-4'	Total/NA	Solid	5030C	
885-9002-3	L3 0-4'	Total/NA	Solid	5030C	
885-9002-4	L4 0-4'	Total/NA	Solid	5030C	
885-9002-5	L5 4'	Total/NA	Solid	5030C	
885-9002-6	L6 4'	Total/NA	Solid	5030C	
885-9002-7	L7 4'	Total/NA	Solid	5030C	
885-9002-8	L8 4'	Total/NA	Solid	5030C	
885-9002-9	L9 0-4'	Total/NA	Solid	5030C	
885-9002-10	L10 0-4'	Total/NA	Solid	5030C	
885-9002-11	L11 0-4'	Total/NA	Solid	5030C	
885-9002-12	L12 0-4'	Total/NA	Solid	5030C	
885-9002-13	L13 0-4'	Total/NA	Solid	5030C	
885-9002-14	L14 4'	Total/NA	Solid	5030C	
885-9002-15	L15 4'	Total/NA	Solid	5030C	
885-9002-16	L16 4'	Total/NA	Solid	5030C	
885-9002-17	L41 4'	Total/NA	Solid	5030C	
885-9002-18	L44 0-4'	Total/NA	Solid	5030C	
MB 885-9597/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-9597/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-9597/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Prep Batch: 9599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9002-19	L45 4'	Total/NA	Solid	5030C	
885-9002-20	L52 0-4'	Total/NA	Solid	5030C	
885-9002-21	L53 4'	Total/NA	Solid	5030C	
885-9002-22	L54 0-4'	Total/NA	Solid	5030C	
885-9002-23	L56 0-4'	Total/NA	Solid	5030C	
885-9002-24	L57 4'	Total/NA	Solid	5030C	
885-9002-25	L58 4'	Total/NA	Solid	5030C	
885-9002-26	L604'	Total/NA	Solid	5030C	
885-9002-27	L61 0-4'	Total/NA	Solid	5030C	
885-9002-28	L17 4'	Total/NA	Solid	5030C	
885-9002-29	L18 4'	Total/NA	Solid	5030C	
885-9002-30	L27 4'	Total/NA	Solid	5030C	
885-9002-31	L28 4'	Total/NA	Solid	5030C	
885-9002-32	L30 0-4'	Total/NA	Solid	5030C	
885-9002-33	L31 4'	Total/NA	Solid	5030C	
MB 885-9599/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-9599/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-9599/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-9002-19 MS	L45 4'	Total/NA	Solid	5030C	
885-9002-19 MSD	L45 4'	Total/NA	Solid	5030C	
885-9002-20 MS	L52 0-4'	Total/NA	Solid	5030C	
885-9002-20 MSD	L52 0-4'	Total/NA	Solid	5030C	

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

GC VOA

Analysis Batch: 9722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9002-1	L1 0-4'	Total/NA	Solid	8015M/D	9597
885-9002-2	L2 0-4'	Total/NA	Solid	8015M/D	9597
885-9002-3	L3 0-4'	Total/NA	Solid	8015M/D	9597
885-9002-4	L4 0-4'	Total/NA	Solid	8015M/D	9597
885-9002-5	L5 4'	Total/NA	Solid	8015M/D	9597
885-9002-6	L6 4'	Total/NA	Solid	8015M/D	9597
885-9002-7	L7 4'	Total/NA	Solid	8015M/D	9597
885-9002-8	L8 4'	Total/NA	Solid	8015M/D	9597
885-9002-9	L9 0-4'	Total/NA	Solid	8015M/D	9597
885-9002-10	L10 0-4'	Total/NA	Solid	8015M/D	9597
885-9002-11	L11 0-4'	Total/NA	Solid	8015M/D	9597
885-9002-12	L12 0-4'	Total/NA	Solid	8015M/D	9597
885-9002-13	L13 0-4'	Total/NA	Solid	8015M/D	9597
885-9002-14	L14 4'	Total/NA	Solid	8015M/D	9597
885-9002-15	L15 4'	Total/NA	Solid	8015M/D	9597
885-9002-16	L16 4'	Total/NA	Solid	8015M/D	9597
885-9002-17	L41 4'	Total/NA	Solid	8015M/D	9597
885-9002-18	L44 0-4'	Total/NA	Solid	8015M/D	9597
885-9002-19	L45 4'	Total/NA	Solid	8015M/D	9599
885-9002-20	L52 0-4'	Total/NA	Solid	8015M/D	9599
885-9002-21	L53 4'	Total/NA	Solid	8015M/D	9599
885-9002-22	L54 0-4'	Total/NA	Solid	8015M/D	9599
885-9002-23	L56 0-4'	Total/NA	Solid	8015M/D	9599
885-9002-24	L57 4'	Total/NA	Solid	8015M/D	9599
885-9002-25	L58 4'	Total/NA	Solid	8015M/D	9599
885-9002-26	L604'	Total/NA	Solid	8015M/D	9599
885-9002-27	L61 0-4'	Total/NA	Solid	8015M/D	9599
885-9002-28	L17 4'	Total/NA	Solid	8015M/D	9599
885-9002-29	L18 4'	Total/NA	Solid	8015M/D	9599
885-9002-30	L27 4'	Total/NA	Solid	8015M/D	9599
885-9002-31	L28 4'	Total/NA	Solid	8015M/D	9599
885-9002-32	L30 0-4'	Total/NA	Solid	8015M/D	9599
885-9002-33	L31 4'	Total/NA	Solid	8015M/D	9599
MB 885-9558/1-A	Method Blank	Total/NA	Solid	8015M/D	9558
MB 885-9597/1-A	Method Blank	Total/NA	Solid	8015M/D	9597
MB 885-9599/1-A	Method Blank	Total/NA	Solid	8015M/D	9599
LCS 885-9597/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	9597
LCS 885-9599/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	9599
885-9002-19 MS	L45 4'	Total/NA	Solid	8015M/D	9599
885-9002-19 MSD	L45 4'	Total/NA	Solid	8015M/D	9599

Analysis Batch: 9724

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9002-1	L1 0-4'	Total/NA	Solid	8021B	9597
885-9002-2	L2 0-4'	Total/NA	Solid	8021B	9597
885-9002-3	L3 0-4'	Total/NA	Solid	8021B	9597
885-9002-4	L4 0-4'	Total/NA	Solid	8021B	9597
885-9002-5	L5 4'	Total/NA	Solid	8021B	9597
885-9002-6	L6 4'	Total/NA	Solid	8021B	9597
885-9002-7	L7 4'	Total/NA	Solid	8021B	9597
885-9002-8	L8 4'	Total/NA	Solid	8021B	9597

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

GC VOA (Continued)

Analysis Batch: 9724 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9002-9	L9 0-4'	Total/NA	Solid	8021B	9597
885-9002-10	L10 0-4'	Total/NA	Solid	8021B	9597
885-9002-11	L11 0-4'	Total/NA	Solid	8021B	9597
885-9002-12	L12 0-4'	Total/NA	Solid	8021B	9597
885-9002-13	L13 0-4'	Total/NA	Solid	8021B	9597
885-9002-14	L14 4'	Total/NA	Solid	8021B	9597
885-9002-15	L15 4'	Total/NA	Solid	8021B	9597
885-9002-16	L16 4'	Total/NA	Solid	8021B	9597
885-9002-17	L41 4'	Total/NA	Solid	8021B	9597
885-9002-18	L44 0-4'	Total/NA	Solid	8021B	9597
885-9002-19	L45 4'	Total/NA	Solid	8021B	9599
885-9002-20	L52 0-4'	Total/NA	Solid	8021B	9599
885-9002-21	L53 4'	Total/NA	Solid	8021B	9599
885-9002-22	L54 0-4'	Total/NA	Solid	8021B	9599
885-9002-23	L56 0-4'	Total/NA	Solid	8021B	9599
885-9002-24	L57 4'	Total/NA	Solid	8021B	9599
885-9002-25	L58 4'	Total/NA	Solid	8021B	9599
885-9002-26	L604'	Total/NA	Solid	8021B	9599
885-9002-27	L61 0-4'	Total/NA	Solid	8021B	9599
885-9002-28	L17 4'	Total/NA	Solid	8021B	9599
885-9002-29	L18 4'	Total/NA	Solid	8021B	9599
885-9002-30	L27 4'	Total/NA	Solid	8021B	9599
885-9002-31	L28 4'	Total/NA	Solid	8021B	9599
885-9002-32	L30 0-4'	Total/NA	Solid	8021B	9599
885-9002-33	L31 4'	Total/NA	Solid	8021B	9599
MB 885-9558/1-A	Method Blank	Total/NA	Solid	8021B	9558
MB 885-9597/1-A	Method Blank	Total/NA	Solid	8021B	9597
MB 885-9599/1-A	Method Blank	Total/NA	Solid	8021B	9599
LCS 885-9597/3-A	Lab Control Sample	Total/NA	Solid	8021B	9597
LCS 885-9599/3-A	Lab Control Sample	Total/NA	Solid	8021B	9599
885-9002-20 MS	L52 0-4'	Total/NA	Solid	8021B	9599
885-9002-20 MSD	L52 0-4'	Total/NA	Solid	8021B	9599

GC Semi VOA

Analysis Batch: 9623

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9002-19	L45 4'	Total/NA	Solid	8015M/D	9676
885-9002-20	L52 0-4'	Total/NA	Solid	8015M/D	9676
885-9002-21	L53 4'	Total/NA	Solid	8015M/D	9676
885-9002-22	L54 0-4'	Total/NA	Solid	8015M/D	9676
885-9002-23	L56 0-4'	Total/NA	Solid	8015M/D	9676
885-9002-24	L57 4'	Total/NA	Solid	8015M/D	9676
885-9002-25	L58 4'	Total/NA	Solid	8015M/D	9676
885-9002-26	L604'	Total/NA	Solid	8015M/D	9676
885-9002-27	L61 0-4'	Total/NA	Solid	8015M/D	9676
885-9002-28	L17 4'	Total/NA	Solid	8015M/D	9676
885-9002-29	L18 4'	Total/NA	Solid	8015M/D	9676
885-9002-30	L27 4'	Total/NA	Solid	8015M/D	9676
885-9002-31	L28 4'	Total/NA	Solid	8015M/D	9676
885-9002-32	L30 0-4'	Total/NA	Solid	8015M/D	9676

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

GC Semi VOA (Continued)

Analysis Batch: 9623 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9002-33	L31 4'	Total/NA	Solid	8015M/D	9676
MB 885-9676/1-A	Method Blank	Total/NA	Solid	8015M/D	9676
LCS 885-9676/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	9676

Analysis Batch: 9624

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9002-1	L1 0-4'	Total/NA	Solid	8015M/D	9657
885-9002-2	L2 0-4'	Total/NA	Solid	8015M/D	9657
885-9002-3	L3 0-4'	Total/NA	Solid	8015M/D	9657
885-9002-4	L4 0-4'	Total/NA	Solid	8015M/D	9657
885-9002-5	L5 4'	Total/NA	Solid	8015M/D	9657
885-9002-6	L6 4'	Total/NA	Solid	8015M/D	9657
885-9002-7	L7 4'	Total/NA	Solid	8015M/D	9657
885-9002-8	L8 4'	Total/NA	Solid	8015M/D	9657
885-9002-9	L9 0-4'	Total/NA	Solid	8015M/D	9657
885-9002-10	L10 0-4'	Total/NA	Solid	8015M/D	9657
885-9002-11	L11 0-4'	Total/NA	Solid	8015M/D	9657
885-9002-12	L12 0-4'	Total/NA	Solid	8015M/D	9657
885-9002-13	L13 0-4'	Total/NA	Solid	8015M/D	9657
885-9002-14	L14 4'	Total/NA	Solid	8015M/D	9657
885-9002-15	L15 4'	Total/NA	Solid	8015M/D	9657
885-9002-16	L16 4'	Total/NA	Solid	8015M/D	9657
885-9002-17	L41 4'	Total/NA	Solid	8015M/D	9657
885-9002-18	L44 0-4'	Total/NA	Solid	8015M/D	9657
MB 885-9657/1-A	Method Blank	Total/NA	Solid	8015M/D	9657
LCS 885-9657/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	9657
885-9002-18 MS	L44 0-4'	Total/NA	Solid	8015M/D	9657
885-9002-18 MSD	L44 0-4'	Total/NA	Solid	8015M/D	9657

Prep Batch: 9657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9002-1	L1 0-4'	Total/NA	Solid	SHAKE	
885-9002-2	L2 0-4'	Total/NA	Solid	SHAKE	
885-9002-3	L3 0-4'	Total/NA	Solid	SHAKE	
885-9002-4	L4 0-4'	Total/NA	Solid	SHAKE	
885-9002-5	L5 4'	Total/NA	Solid	SHAKE	
885-9002-6	L6 4'	Total/NA	Solid	SHAKE	
885-9002-7	L7 4'	Total/NA	Solid	SHAKE	
885-9002-8	L8 4'	Total/NA	Solid	SHAKE	
885-9002-9	L9 0-4'	Total/NA	Solid	SHAKE	
885-9002-10	L10 0-4'	Total/NA	Solid	SHAKE	
885-9002-11	L11 0-4'	Total/NA	Solid	SHAKE	
885-9002-12	L12 0-4'	Total/NA	Solid	SHAKE	
885-9002-13	L13 0-4'	Total/NA	Solid	SHAKE	
885-9002-14	L14 4'	Total/NA	Solid	SHAKE	
885-9002-15	L15 4'	Total/NA	Solid	SHAKE	
885-9002-16	L16 4'	Total/NA	Solid	SHAKE	
885-9002-17	L41 4'	Total/NA	Solid	SHAKE	
885-9002-18	L44 0-4'	Total/NA	Solid	SHAKE	
MB 885-9657/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-9657/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

GC Semi VOA (Continued)

Prep Batch: 9657 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9002-18 MS	L44 0-4'	Total/NA	Solid	SHAKE	
885-9002-18 MSD	L44 0-4'	Total/NA	Solid	SHAKE	

Prep Batch: 9676

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9002-19	L45 4'	Total/NA	Solid	SHAKE	
885-9002-20	L52 0-4'	Total/NA	Solid	SHAKE	
885-9002-21	L53 4'	Total/NA	Solid	SHAKE	
885-9002-22	L54 0-4'	Total/NA	Solid	SHAKE	
885-9002-23	L56 0-4'	Total/NA	Solid	SHAKE	
885-9002-24	L57 4'	Total/NA	Solid	SHAKE	
885-9002-25	L58 4'	Total/NA	Solid	SHAKE	
885-9002-26	L604'	Total/NA	Solid	SHAKE	
885-9002-27	L61 0-4'	Total/NA	Solid	SHAKE	
885-9002-28	L17 4'	Total/NA	Solid	SHAKE	
885-9002-29	L18 4'	Total/NA	Solid	SHAKE	
885-9002-30	L27 4'	Total/NA	Solid	SHAKE	
885-9002-31	L28 4'	Total/NA	Solid	SHAKE	
885-9002-32	L30 0-4'	Total/NA	Solid	SHAKE	
885-9002-33	L31 4'	Total/NA	Solid	SHAKE	
MB 885-9676/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-9676/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

HPLC/IC

Prep Batch: 9678

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9002-1	L1 0-4'	Total/NA	Solid	300_Prep	
885-9002-2	L2 0-4'	Total/NA	Solid	300_Prep	
885-9002-3	L3 0-4'	Total/NA	Solid	300_Prep	
885-9002-4	L4 0-4'	Total/NA	Solid	300_Prep	
885-9002-5	L5 4'	Total/NA	Solid	300_Prep	
885-9002-6	L6 4'	Total/NA	Solid	300_Prep	
885-9002-7	L7 4'	Total/NA	Solid	300_Prep	
885-9002-8	L8 4'	Total/NA	Solid	300_Prep	
885-9002-9	L9 0-4'	Total/NA	Solid	300_Prep	
885-9002-10	L10 0-4'	Total/NA	Solid	300_Prep	
885-9002-11	L11 0-4'	Total/NA	Solid	300_Prep	
885-9002-12	L12 0-4'	Total/NA	Solid	300_Prep	
885-9002-13	L13 0-4'	Total/NA	Solid	300_Prep	
885-9002-14	L14 4'	Total/NA	Solid	300_Prep	
885-9002-15	L15 4'	Total/NA	Solid	300_Prep	
885-9002-16	L16 4'	Total/NA	Solid	300_Prep	
885-9002-17	L41 4'	Total/NA	Solid	300_Prep	
885-9002-18	L44 0-4'	Total/NA	Solid	300_Prep	
MB 885-9678/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-9678/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Prep Batch: 9681

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9002-19	L45 4'	Total/NA	Solid	300_Prep	

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

HPLC/IC (Continued)

Prep Batch: 9681 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9002-20	L52 0-4'	Total/NA	Solid	300_Prep	
885-9002-21	L53 4'	Total/NA	Solid	300_Prep	
885-9002-22	L54 0-4'	Total/NA	Solid	300_Prep	
885-9002-23	L56 0-4'	Total/NA	Solid	300_Prep	
885-9002-24	L57 4'	Total/NA	Solid	300_Prep	
885-9002-25	L58 4'	Total/NA	Solid	300_Prep	
885-9002-26	L604'	Total/NA	Solid	300_Prep	
885-9002-27	L61 0-4'	Total/NA	Solid	300_Prep	
885-9002-28	L17 4'	Total/NA	Solid	300_Prep	
885-9002-29	L18 4'	Total/NA	Solid	300_Prep	
885-9002-30	L27 4'	Total/NA	Solid	300_Prep	
885-9002-31	L28 4'	Total/NA	Solid	300_Prep	
885-9002-32	L30 0-4'	Total/NA	Solid	300_Prep	
885-9002-33	L31 4'	Total/NA	Solid	300_Prep	
MB 885-9681/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-9681/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 9689

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9002-9	L9 0-4'	Total/NA	Solid	300.0	9678
885-9002-10	L10 0-4'	Total/NA	Solid	300.0	9678
885-9002-11	L11 0-4'	Total/NA	Solid	300.0	9678
885-9002-12	L12 0-4'	Total/NA	Solid	300.0	9678
885-9002-13	L13 0-4'	Total/NA	Solid	300.0	9678
885-9002-14	L14 4'	Total/NA	Solid	300.0	9678
885-9002-15	L15 4'	Total/NA	Solid	300.0	9678
885-9002-16	L16 4'	Total/NA	Solid	300.0	9678
885-9002-17	L41 4'	Total/NA	Solid	300.0	9678
885-9002-18	L44 0-4'	Total/NA	Solid	300.0	9678
MB 885-9678/1-A	Method Blank	Total/NA	Solid	300.0	9678
MB 885-9681/1-A	Method Blank	Total/NA	Solid	300.0	9681
MB 885-9689/16	Method Blank	Total/NA	Solid	300.0	
LCS 885-9678/2-A	Lab Control Sample	Total/NA	Solid	300.0	9678
LCS 885-9681/2-A	Lab Control Sample	Total/NA	Solid	300.0	9681
MRL 885-9689/15	Lab Control Sample	Total/NA	Solid	300.0	

Analysis Batch: 9695

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9002-1	L1 0-4'	Total/NA	Solid	300.0	9678
885-9002-2	L2 0-4'	Total/NA	Solid	300.0	9678
885-9002-3	L3 0-4'	Total/NA	Solid	300.0	9678
885-9002-4	L4 0-4'	Total/NA	Solid	300.0	9678
885-9002-5	L5 4'	Total/NA	Solid	300.0	9678
885-9002-6	L6 4'	Total/NA	Solid	300.0	9678
885-9002-7	L7 4'	Total/NA	Solid	300.0	9678
885-9002-8	L8 4'	Total/NA	Solid	300.0	9678
MB 885-9678/1-A	Method Blank	Total/NA	Solid	300.0	9678
LCS 885-9678/2-A	Lab Control Sample	Total/NA	Solid	300.0	9678

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

HPLC/IC

Analysis Batch: 9995

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9002-19	L45 4'	Total/NA	Solid	300.0	9681
885-9002-20	L52 0-4'	Total/NA	Solid	300.0	9681
885-9002-21	L53 4'	Total/NA	Solid	300.0	9681
885-9002-22	L54 0-4'	Total/NA	Solid	300.0	9681
885-9002-23	L56 0-4'	Total/NA	Solid	300.0	9681
885-9002-24	L57 4'	Total/NA	Solid	300.0	9681
885-9002-25	L58 4'	Total/NA	Solid	300.0	9681
885-9002-26	L604'	Total/NA	Solid	300.0	9681
885-9002-27	L61 0-4'	Total/NA	Solid	300.0	9681
885-9002-28	L17 4'	Total/NA	Solid	300.0	9681
885-9002-29	L18 4'	Total/NA	Solid	300.0	9681
885-9002-30	L27 4'	Total/NA	Solid	300.0	9681
885-9002-31	L28 4'	Total/NA	Solid	300.0	9681
885-9002-32	L30 0-4'	Total/NA	Solid	300.0	9681
885-9002-33	L31 4'	Total/NA	Solid	300.0	9681

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Client Sample ID: L1 0-4'
Date Collected: 07/26/24 08:30
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9597	AT	EET ALB	08/01/24 15:02
Total/NA	Analysis	8015M/D		1	9722	RA	EET ALB	08/03/24 01:09
Total/NA	Prep	5030C			9597	AT	EET ALB	08/01/24 15:02
Total/NA	Analysis	8021B		1	9724	RA	EET ALB	08/03/24 01:09
Total/NA	Prep	SHAKE			9657	EM	EET ALB	08/02/24 12:02
Total/NA	Analysis	8015M/D		1	9624	KR	EET ALB	08/02/24 22:43
Total/NA	Prep	300_Prep			9678	JT	EET ALB	08/02/24 14:22
Total/NA	Analysis	300.0		20	9695	EH	EET ALB	08/02/24 22:20

Client Sample ID: L2 0-4'
Date Collected: 07/26/24 08:35
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9597	AT	EET ALB	08/01/24 15:02
Total/NA	Analysis	8015M/D		1	9722	RA	EET ALB	08/03/24 01:32
Total/NA	Prep	5030C			9597	AT	EET ALB	08/01/24 15:02
Total/NA	Analysis	8021B		1	9724	RA	EET ALB	08/03/24 01:32
Total/NA	Prep	SHAKE			9657	EM	EET ALB	08/02/24 12:02
Total/NA	Analysis	8015M/D		1	9624	KR	EET ALB	08/02/24 23:08
Total/NA	Prep	300_Prep			9678	JT	EET ALB	08/02/24 14:22
Total/NA	Analysis	300.0		20	9695	EH	EET ALB	08/02/24 22:33

Client Sample ID: L3 0-4'
Date Collected: 07/26/24 08:40
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9597	AT	EET ALB	08/01/24 15:02
Total/NA	Analysis	8015M/D		1	9722	RA	EET ALB	08/03/24 01:56
Total/NA	Prep	5030C			9597	AT	EET ALB	08/01/24 15:02
Total/NA	Analysis	8021B		1	9724	RA	EET ALB	08/03/24 01:56
Total/NA	Prep	SHAKE			9657	EM	EET ALB	08/02/24 12:02
Total/NA	Analysis	8015M/D		1	9624	KR	EET ALB	08/02/24 23:33
Total/NA	Prep	300_Prep			9678	JT	EET ALB	08/02/24 14:22
Total/NA	Analysis	300.0		20	9695	EH	EET ALB	08/02/24 22:46

Client Sample ID: L4 0-4'
Date Collected: 07/26/24 08:45
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9597	AT	EET ALB	08/01/24 15:02
Total/NA	Analysis	8015M/D		1	9722	RA	EET ALB	08/03/24 02:19

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Client Sample ID: L4 0-4'
Date Collected: 07/26/24 08:45
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9597	AT	EET ALB	08/01/24 15:02
Total/NA	Analysis	8021B		1	9724	RA	EET ALB	08/03/24 02:19
Total/NA	Prep	SHAKE			9657	EM	EET ALB	08/02/24 12:02
Total/NA	Analysis	8015M/D		1	9624	KR	EET ALB	08/02/24 23:57
Total/NA	Prep	300_Prep			9678	JT	EET ALB	08/02/24 14:22
Total/NA	Analysis	300.0		20	9695	EH	EET ALB	08/02/24 22:59

Client Sample ID: L5 4'
Date Collected: 07/26/24 08:50
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9597	AT	EET ALB	08/01/24 15:02
Total/NA	Analysis	8015M/D		1	9722	RA	EET ALB	08/03/24 02:43
Total/NA	Prep	5030C			9597	AT	EET ALB	08/01/24 15:02
Total/NA	Analysis	8021B		1	9724	RA	EET ALB	08/03/24 02:43
Total/NA	Prep	SHAKE			9657	EM	EET ALB	08/02/24 12:02
Total/NA	Analysis	8015M/D		1	9624	KR	EET ALB	08/03/24 00:22
Total/NA	Prep	300_Prep			9678	JT	EET ALB	08/02/24 14:22
Total/NA	Analysis	300.0		20	9695	EH	EET ALB	08/02/24 23:12

Client Sample ID: L6 4'
Date Collected: 07/26/24 08:55
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9597	AT	EET ALB	08/01/24 15:02
Total/NA	Analysis	8015M/D		1	9722	RA	EET ALB	08/03/24 03:06
Total/NA	Prep	5030C			9597	AT	EET ALB	08/01/24 15:02
Total/NA	Analysis	8021B		1	9724	RA	EET ALB	08/03/24 03:06
Total/NA	Prep	SHAKE			9657	EM	EET ALB	08/02/24 12:02
Total/NA	Analysis	8015M/D		1	9624	KR	EET ALB	08/03/24 00:47
Total/NA	Prep	300_Prep			9678	JT	EET ALB	08/02/24 14:22
Total/NA	Analysis	300.0		20	9695	EH	EET ALB	08/02/24 23:24

Client Sample ID: L7 4'
Date Collected: 07/26/24 09:00
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9597	AT	EET ALB	08/01/24 15:02
Total/NA	Analysis	8015M/D		1	9722	RA	EET ALB	08/03/24 03:30
Total/NA	Prep	5030C			9597	AT	EET ALB	08/01/24 15:02
Total/NA	Analysis	8021B		1	9724	RA	EET ALB	08/03/24 03:30

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Client Sample ID: L7 4'
Date Collected: 07/26/24 09:00
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			9657	EM	EET ALB	08/02/24 12:02
Total/NA	Analysis	8015M/D		1	9624	KR	EET ALB	08/03/24 01:12
Total/NA	Prep	300_Prep			9678	JT	EET ALB	08/02/24 14:22
Total/NA	Analysis	300.0		20	9695	EH	EET ALB	08/02/24 23:37

Client Sample ID: L8 4'
Date Collected: 07/26/24 09:05
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9597	AT	EET ALB	08/01/24 15:02
Total/NA	Analysis	8015M/D		1	9722	RA	EET ALB	08/03/24 03:53
Total/NA	Prep	5030C			9597	AT	EET ALB	08/01/24 15:02
Total/NA	Analysis	8021B		1	9724	RA	EET ALB	08/03/24 03:53
Total/NA	Prep	SHAKE			9657	EM	EET ALB	08/02/24 12:02
Total/NA	Analysis	8015M/D		1	9624	KR	EET ALB	08/03/24 02:02
Total/NA	Prep	300_Prep			9678	JT	EET ALB	08/02/24 14:22
Total/NA	Analysis	300.0		20	9695	EH	EET ALB	08/02/24 23:50

Client Sample ID: L9 0-4'
Date Collected: 07/26/24 09:15
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9597	AT	EET ALB	08/01/24 15:02
Total/NA	Analysis	8015M/D		1	9722	RA	EET ALB	08/03/24 04:40
Total/NA	Prep	5030C			9597	AT	EET ALB	08/01/24 15:02
Total/NA	Analysis	8021B		1	9724	RA	EET ALB	08/03/24 04:40
Total/NA	Prep	SHAKE			9657	EM	EET ALB	08/02/24 12:02
Total/NA	Analysis	8015M/D		1	9624	KR	EET ALB	08/03/24 02:27
Total/NA	Prep	300_Prep			9678	JT	EET ALB	08/02/24 14:22
Total/NA	Analysis	300.0		20	9689	RC	EET ALB	08/02/24 20:20

Client Sample ID: L10 0-4'
Date Collected: 07/26/24 09:20
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9597	AT	EET ALB	08/01/24 15:02
Total/NA	Analysis	8015M/D		1	9722	RA	EET ALB	08/03/24 05:03
Total/NA	Prep	5030C			9597	AT	EET ALB	08/01/24 15:02
Total/NA	Analysis	8021B		1	9724	RA	EET ALB	08/03/24 05:03
Total/NA	Prep	SHAKE			9657	EM	EET ALB	08/02/24 12:02
Total/NA	Analysis	8015M/D		1	9624	KR	EET ALB	08/03/24 02:51

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Client Sample ID: L10 0-4'
Date Collected: 07/26/24 09:20
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			9678	JT	EET ALB	08/02/24 14:22
Total/NA	Analysis	300.0		20	9689	RC	EET ALB	08/02/24 20:33

Client Sample ID: L11 0-4'
Date Collected: 07/26/24 09:25
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9597	AT	EET ALB	08/01/24 15:02
Total/NA	Analysis	8015M/D		1	9722	RA	EET ALB	08/03/24 05:27
Total/NA	Prep	5030C			9597	AT	EET ALB	08/01/24 15:02
Total/NA	Analysis	8021B		1	9724	RA	EET ALB	08/03/24 05:27
Total/NA	Prep	SHAKE			9657	EM	EET ALB	08/02/24 12:02
Total/NA	Analysis	8015M/D		1	9624	KR	EET ALB	08/03/24 03:16
Total/NA	Prep	300_Prep			9678	JT	EET ALB	08/02/24 14:22
Total/NA	Analysis	300.0		20	9689	RC	EET ALB	08/02/24 20:45

Client Sample ID: L12 0-4'
Date Collected: 07/26/24 09:30
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9597	AT	EET ALB	08/01/24 15:02
Total/NA	Analysis	8015M/D		1	9722	RA	EET ALB	08/03/24 05:50
Total/NA	Prep	5030C			9597	AT	EET ALB	08/01/24 15:02
Total/NA	Analysis	8021B		1	9724	RA	EET ALB	08/03/24 05:50
Total/NA	Prep	SHAKE			9657	EM	EET ALB	08/02/24 12:02
Total/NA	Analysis	8015M/D		1	9624	KR	EET ALB	08/03/24 03:41
Total/NA	Prep	300_Prep			9678	JT	EET ALB	08/02/24 14:22
Total/NA	Analysis	300.0		20	9689	RC	EET ALB	08/02/24 20:57

Client Sample ID: L13 0-4'
Date Collected: 07/26/24 09:35
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9597	AT	EET ALB	08/01/24 15:02
Total/NA	Analysis	8015M/D		1	9722	RA	EET ALB	08/03/24 06:14
Total/NA	Prep	5030C			9597	AT	EET ALB	08/01/24 15:02
Total/NA	Analysis	8021B		1	9724	RA	EET ALB	08/03/24 06:14
Total/NA	Prep	SHAKE			9657	EM	EET ALB	08/02/24 12:02
Total/NA	Analysis	8015M/D		1	9624	KR	EET ALB	08/03/24 04:05
Total/NA	Prep	300_Prep			9678	JT	EET ALB	08/02/24 14:22
Total/NA	Analysis	300.0		20	9689	RC	EET ALB	08/02/24 21:34

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Client Sample ID: L14 4'
Date Collected: 07/26/24 09:40
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9597	AT	EET ALB	08/01/24 15:02
Total/NA	Analysis	8015M/D		1	9722	RA	EET ALB	08/03/24 06:37
Total/NA	Prep	5030C			9597	AT	EET ALB	08/01/24 15:02
Total/NA	Analysis	8021B		1	9724	RA	EET ALB	08/03/24 06:37
Total/NA	Prep	SHAKE			9657	EM	EET ALB	08/02/24 12:02
Total/NA	Analysis	8015M/D		1	9624	KR	EET ALB	08/03/24 04:30
Total/NA	Prep	300_Prep			9678	JT	EET ALB	08/02/24 14:22
Total/NA	Analysis	300.0		20	9689	RC	EET ALB	08/02/24 21:47

Client Sample ID: L15 4'
Date Collected: 07/26/24 09:45
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9597	AT	EET ALB	08/01/24 15:02
Total/NA	Analysis	8015M/D		1	9722	RA	EET ALB	08/03/24 07:01
Total/NA	Prep	5030C			9597	AT	EET ALB	08/01/24 15:02
Total/NA	Analysis	8021B		1	9724	RA	EET ALB	08/03/24 07:01
Total/NA	Prep	SHAKE			9657	EM	EET ALB	08/02/24 12:02
Total/NA	Analysis	8015M/D		1	9624	KR	EET ALB	08/03/24 04:55
Total/NA	Prep	300_Prep			9678	JT	EET ALB	08/02/24 14:22
Total/NA	Analysis	300.0		20	9689	RC	EET ALB	08/02/24 21:59

Client Sample ID: L16 4'
Date Collected: 07/26/24 09:50
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9597	AT	EET ALB	08/01/24 15:02
Total/NA	Analysis	8015M/D		1	9722	RA	EET ALB	08/03/24 07:24
Total/NA	Prep	5030C			9597	AT	EET ALB	08/01/24 15:02
Total/NA	Analysis	8021B		1	9724	RA	EET ALB	08/03/24 07:24
Total/NA	Prep	SHAKE			9657	EM	EET ALB	08/02/24 12:02
Total/NA	Analysis	8015M/D		1	9624	KR	EET ALB	08/03/24 05:20
Total/NA	Prep	300_Prep			9678	JT	EET ALB	08/02/24 14:22
Total/NA	Analysis	300.0		20	9689	RC	EET ALB	08/02/24 22:11

Client Sample ID: L41 4'
Date Collected: 07/29/24 09:00
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9597	AT	EET ALB	08/01/24 15:02
Total/NA	Analysis	8015M/D		1	9722	RA	EET ALB	08/03/24 07:47

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Client Sample ID: L41 4'
Date Collected: 07/29/24 09:00
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9597	AT	EET ALB	08/01/24 15:02
Total/NA	Analysis	8021B		1	9724	RA	EET ALB	08/03/24 07:47
Total/NA	Prep	SHAKE			9657	EM	EET ALB	08/02/24 12:02
Total/NA	Analysis	8015M/D		1	9624	KR	EET ALB	08/03/24 05:44
Total/NA	Prep	300_Prep			9678	JT	EET ALB	08/02/24 14:22
Total/NA	Analysis	300.0		20	9689	RC	EET ALB	08/02/24 22:24

Client Sample ID: L44 0-4'
Date Collected: 07/29/24 09:15
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9597	AT	EET ALB	08/01/24 15:02
Total/NA	Analysis	8015M/D		1	9722	RA	EET ALB	08/03/24 08:11
Total/NA	Prep	5030C			9597	AT	EET ALB	08/01/24 15:02
Total/NA	Analysis	8021B		1	9724	RA	EET ALB	08/03/24 08:11
Total/NA	Prep	SHAKE			9657	EM	EET ALB	08/02/24 12:02
Total/NA	Analysis	8015M/D		1	9624	KR	EET ALB	08/03/24 06:09
Total/NA	Prep	300_Prep			9678	JT	EET ALB	08/02/24 14:22
Total/NA	Analysis	300.0		20	9689	RC	EET ALB	08/02/24 22:36

Client Sample ID: L45 4'
Date Collected: 07/29/24 09:20
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9599	JP	EET ALB	08/01/24 16:18
Total/NA	Analysis	8015M/D		1	9722	RA	EET ALB	08/03/24 10:32
Total/NA	Prep	5030C			9599	JP	EET ALB	08/01/24 16:18
Total/NA	Analysis	8021B		1	9724	RA	EET ALB	08/03/24 10:32
Total/NA	Prep	SHAKE			9676	KR	EET ALB	08/02/24 13:17
Total/NA	Analysis	8015M/D		1	9623	KR	EET ALB	08/02/24 17:27
Total/NA	Prep	300_Prep			9681	JT	EET ALB	08/02/24 14:45
Total/NA	Analysis	300.0		20	9995	RC	EET ALB	08/08/24 10:50

Client Sample ID: L52 0-4'
Date Collected: 07/29/24 09:55
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9599	JP	EET ALB	08/01/24 16:18
Total/NA	Analysis	8015M/D		1	9722	RA	EET ALB	08/03/24 11:43
Total/NA	Prep	5030C			9599	JP	EET ALB	08/01/24 16:18
Total/NA	Analysis	8021B		1	9724	RA	EET ALB	08/03/24 11:43

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Client Sample ID: L52 0-4'
Date Collected: 07/29/24 09:55
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			9676	KR	EET ALB	08/02/24 13:17
Total/NA	Analysis	8015M/D		1	9623	KR	EET ALB	08/02/24 17:40
Total/NA	Prep	300_Prep			9681	JT	EET ALB	08/02/24 14:45
Total/NA	Analysis	300.0		20	9995	RC	EET ALB	08/08/24 12:21

Client Sample ID: L53 4'
Date Collected: 07/29/24 10:00
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9599	JP	EET ALB	08/01/24 16:18
Total/NA	Analysis	8015M/D		1	9722	RA	EET ALB	08/03/24 12:53
Total/NA	Prep	5030C			9599	JP	EET ALB	08/01/24 16:18
Total/NA	Analysis	8021B		1	9724	RA	EET ALB	08/03/24 12:53
Total/NA	Prep	SHAKE			9676	KR	EET ALB	08/02/24 13:17
Total/NA	Analysis	8015M/D		1	9623	KR	EET ALB	08/02/24 17:54
Total/NA	Prep	300_Prep			9681	JT	EET ALB	08/02/24 14:45
Total/NA	Analysis	300.0		20	9995	RC	EET ALB	08/08/24 11:05

Client Sample ID: L54 0-4'
Date Collected: 07/29/24 10:05
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9599	JP	EET ALB	08/01/24 16:18
Total/NA	Analysis	8015M/D		1	9722	RA	EET ALB	08/03/24 13:17
Total/NA	Prep	5030C			9599	JP	EET ALB	08/01/24 16:18
Total/NA	Analysis	8021B		1	9724	RA	EET ALB	08/03/24 13:17
Total/NA	Prep	SHAKE			9676	KR	EET ALB	08/02/24 13:17
Total/NA	Analysis	8015M/D		1	9623	KR	EET ALB	08/02/24 18:08
Total/NA	Prep	300_Prep			9681	JT	EET ALB	08/02/24 14:45
Total/NA	Analysis	300.0		20	9995	RC	EET ALB	08/08/24 12:36

Client Sample ID: L56 0-4'
Date Collected: 07/29/24 10:15
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9599	JP	EET ALB	08/01/24 16:18
Total/NA	Analysis	8015M/D		1	9722	RA	EET ALB	08/03/24 13:40
Total/NA	Prep	5030C			9599	JP	EET ALB	08/01/24 16:18
Total/NA	Analysis	8021B		1	9724	RA	EET ALB	08/03/24 13:40
Total/NA	Prep	SHAKE			9676	KR	EET ALB	08/02/24 13:17
Total/NA	Analysis	8015M/D		1	9623	KR	EET ALB	08/02/24 18:21

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Client Sample ID: L56 0-4'
Date Collected: 07/29/24 10:15
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			9681	JT	EET ALB	08/02/24 14:45
Total/NA	Analysis	300.0		20	9995	RC	EET ALB	08/08/24 13:21

Client Sample ID: L57 4'
Date Collected: 07/29/24 10:20
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9599	JP	EET ALB	08/01/24 16:18
Total/NA	Analysis	8015M/D		1	9722	RA	EET ALB	08/03/24 14:04
Total/NA	Prep	5030C			9599	JP	EET ALB	08/01/24 16:18
Total/NA	Analysis	8021B		1	9724	RA	EET ALB	08/03/24 14:04
Total/NA	Prep	SHAKE			9676	KR	EET ALB	08/02/24 13:17
Total/NA	Analysis	8015M/D		1	9623	KR	EET ALB	08/02/24 18:35
Total/NA	Prep	300_Prep			9681	JT	EET ALB	08/02/24 14:45
Total/NA	Analysis	300.0		20	9995	RC	EET ALB	08/08/24 13:37

Client Sample ID: L58 4'
Date Collected: 07/29/24 10:25
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9599	JP	EET ALB	08/01/24 16:18
Total/NA	Analysis	8015M/D		1	9722	RA	EET ALB	08/03/24 14:27
Total/NA	Prep	5030C			9599	JP	EET ALB	08/01/24 16:18
Total/NA	Analysis	8021B		1	9724	RA	EET ALB	08/03/24 14:27
Total/NA	Prep	SHAKE			9676	KR	EET ALB	08/02/24 13:17
Total/NA	Analysis	8015M/D		1	9623	KR	EET ALB	08/02/24 18:49
Total/NA	Prep	300_Prep			9681	JT	EET ALB	08/02/24 14:45
Total/NA	Analysis	300.0		20	9995	RC	EET ALB	08/08/24 13:52

Client Sample ID: L604'
Date Collected: 07/29/24 10:35
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-26
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9599	JP	EET ALB	08/01/24 16:18
Total/NA	Analysis	8015M/D		1	9722	RA	EET ALB	08/03/24 14:51
Total/NA	Prep	5030C			9599	JP	EET ALB	08/01/24 16:18
Total/NA	Analysis	8021B		1	9724	RA	EET ALB	08/03/24 14:51
Total/NA	Prep	SHAKE			9676	KR	EET ALB	08/02/24 13:17
Total/NA	Analysis	8015M/D		1	9623	KR	EET ALB	08/02/24 19:03
Total/NA	Prep	300_Prep			9681	JT	EET ALB	08/02/24 14:45
Total/NA	Analysis	300.0		20	9995	RC	EET ALB	08/08/24 14:07

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Client Sample ID: L61 0-4'
Date Collected: 07/29/24 10:40
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9599	JP	EET ALB	08/01/24 16:18
Total/NA	Analysis	8015M/D		1	9722	RA	EET ALB	08/03/24 15:14
Total/NA	Prep	5030C			9599	JP	EET ALB	08/01/24 16:18
Total/NA	Analysis	8021B		1	9724	RA	EET ALB	08/03/24 15:14
Total/NA	Prep	SHAKE			9676	KR	EET ALB	08/02/24 13:17
Total/NA	Analysis	8015M/D		1	9623	KR	EET ALB	08/02/24 19:16
Total/NA	Prep	300_Prep			9681	JT	EET ALB	08/02/24 14:45
Total/NA	Analysis	300.0		20	9995	RC	EET ALB	08/08/24 11:20

Client Sample ID: L17 4'
Date Collected: 07/29/24 07:00
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-28
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9599	JP	EET ALB	08/01/24 16:18
Total/NA	Analysis	8015M/D		1	9722	RA	EET ALB	08/03/24 15:38
Total/NA	Prep	5030C			9599	JP	EET ALB	08/01/24 16:18
Total/NA	Analysis	8021B		1	9724	RA	EET ALB	08/03/24 15:38
Total/NA	Prep	SHAKE			9676	KR	EET ALB	08/02/24 13:17
Total/NA	Analysis	8015M/D		1	9623	KR	EET ALB	08/02/24 19:30
Total/NA	Prep	300_Prep			9681	JT	EET ALB	08/02/24 14:45
Total/NA	Analysis	300.0		20	9995	RC	EET ALB	08/08/24 14:22

Client Sample ID: L18 4'
Date Collected: 07/29/24 07:05
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-29
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9599	JP	EET ALB	08/01/24 16:18
Total/NA	Analysis	8015M/D		1	9722	RA	EET ALB	08/03/24 16:25
Total/NA	Prep	5030C			9599	JP	EET ALB	08/01/24 16:18
Total/NA	Analysis	8021B		1	9724	RA	EET ALB	08/03/24 16:25
Total/NA	Prep	SHAKE			9676	KR	EET ALB	08/02/24 13:17
Total/NA	Analysis	8015M/D		1	9623	KR	EET ALB	08/02/24 19:57
Total/NA	Prep	300_Prep			9681	JT	EET ALB	08/02/24 14:45
Total/NA	Analysis	300.0		20	9995	RC	EET ALB	08/08/24 14:37

Client Sample ID: L27 4'
Date Collected: 07/29/24 07:50
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-30
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9599	JP	EET ALB	08/01/24 16:18
Total/NA	Analysis	8015M/D		1	9722	RA	EET ALB	08/03/24 16:49

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Client Sample ID: L27 4'
Date Collected: 07/29/24 07:50
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-30
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9599	JP	EET ALB	08/01/24 16:18
Total/NA	Analysis	8021B		1	9724	RA	EET ALB	08/03/24 16:49
Total/NA	Prep	SHAKE			9676	KR	EET ALB	08/02/24 13:17
Total/NA	Analysis	8015M/D		1	9623	KR	EET ALB	08/02/24 20:11
Total/NA	Prep	300_Prep			9681	JT	EET ALB	08/02/24 14:45
Total/NA	Analysis	300.0		20	9995	RC	EET ALB	08/08/24 14:52

Client Sample ID: L28 4'
Date Collected: 07/29/24 07:55
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-31
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9599	JP	EET ALB	08/01/24 16:18
Total/NA	Analysis	8015M/D		1	9722	RA	EET ALB	08/03/24 17:12
Total/NA	Prep	5030C			9599	JP	EET ALB	08/01/24 16:18
Total/NA	Analysis	8021B		1	9724	RA	EET ALB	08/03/24 17:12
Total/NA	Prep	SHAKE			9676	KR	EET ALB	08/02/24 13:17
Total/NA	Analysis	8015M/D		1	9623	KR	EET ALB	08/02/24 20:25
Total/NA	Prep	300_Prep			9681	JT	EET ALB	08/02/24 14:45
Total/NA	Analysis	300.0		20	9995	RC	EET ALB	08/08/24 15:07

Client Sample ID: L30 0-4'
Date Collected: 07/29/24 08:05
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-32
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9599	JP	EET ALB	08/01/24 16:18
Total/NA	Analysis	8015M/D		1	9722	RA	EET ALB	08/03/24 17:36
Total/NA	Prep	5030C			9599	JP	EET ALB	08/01/24 16:18
Total/NA	Analysis	8021B		1	9724	RA	EET ALB	08/03/24 17:36
Total/NA	Prep	SHAKE			9676	KR	EET ALB	08/02/24 13:17
Total/NA	Analysis	8015M/D		1	9623	KR	EET ALB	08/02/24 20:39
Total/NA	Prep	300_Prep			9681	JT	EET ALB	08/02/24 14:45
Total/NA	Analysis	300.0		20	9995	RC	EET ALB	08/08/24 15:23

Client Sample ID: L31 4'
Date Collected: 07/29/24 08:10
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-33
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9599	JP	EET ALB	08/01/24 16:18
Total/NA	Analysis	8015M/D		1	9722	RA	EET ALB	08/03/24 17:59
Total/NA	Prep	5030C			9599	JP	EET ALB	08/01/24 16:18
Total/NA	Analysis	8021B		1	9724	RA	EET ALB	08/03/24 17:59

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Client Sample ID: L31 4'

Date Collected: 07/29/24 08:10
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9002-33

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			9676	KR	EET ALB	08/02/24 13:17
Total/NA	Analysis	8015M/D		1	9623	KR	EET ALB	08/02/24 20:53
Total/NA	Prep	300_Prep			9681	JT	EET ALB	08/02/24 14:45
Total/NA	Analysis	300.0		20	9995	RC	EET ALB	08/08/24 11:35

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9002-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-26-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
300.0	300_Prep	Solid	Chloride
8015M/D	5030C	Solid	Gasoline Range Organics (GRO)-C6-C10
8015M/D	SHAKE	Solid	Diesel Range Organics [C10-C28]
8015M/D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]
8021B	5030C	Solid	Benzene
8021B	5030C	Solid	Ethylbenzene
8021B	5030C	Solid	Toluene
8021B	5030C	Solid	Xylenes, Total

Oregon	NELAP	NM100001	02-26-25

Released to Imaging: 2/14/2025 3:42:06 PM
Received by OCD: 2/11/2025 8:43:06 AM

1 of 3

Chain-of-Custody Record

Client: Devon
Jim Raley
Mailing Address:

Phone #:
email or Fax#:
QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time:
☑ Standard ☑ Rush 5 Days
Project Name: Campana 2M 5H #001
Project #: 5E32074-BG9
Project Manager: Stephanie Hinds
Sampler: MJP
On Ice: ☑ Yes ☐ No
# of Coolers: 1
Cooler Temp(including CF): 2.8 +0.8 = 3.6 (°C)
0.8 from Yogi

HALL ENVIRONMENTAL ANALYSIS LABORA
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107
885-9002 COC

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
7/26	8:30	soil	L1 0-4	4 oz	ice	1	✓	✓					✓			
	8:35		L2 0-4'			2										
	8:40		L3 0-4'			3										
	8:45		L4 0-4'			4										
	8:50		L5 4'			5										
	8:55		L6 4'			6										
	9:00		L7 4'			7										
	9:05		L8 4'			8										
	9:15		L9 0-4			9										
	9:20		L10 0-4'			10										
	9:25		L11 0-4'			11										
	9:30		L12 0-4'			12										

Date	Time:	Relinquished by	Received by	Via:	Date	Time
7/31/24	1000				7/31/24	1000
7/31/24	1900			courier	8/1/24	7:30

Remarks:
CC: monica.peppin@soudermiller.com
PO #:
Direct Bill Devon

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories This serves as notice of this possibility Any sub-contracted data will be clearly notated on the analytical report

Released to Imaging: 2/14/2025 3:42:06 PM
Received by OCD: 2/11/2025 8:43:06 AM

Chain-of-Custody Record

Client: Devon Energy
Jim Raley
Mailing Address:

Phone #:
email or Fax#:
QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time:
☑ Standard ☑ Rush 5 day
Project Name: Campana 2M St #001
Project #: 5E32074-BG9
Project Manager: Stephanie Hinds
Sampler: MJP
On Ice: ☑ Yes ☐ No
# of Coolers: 1 +0.8 = 3.6 VOG
Cooler Temp(including CF): 2.8 +1.1 = 3.9 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
7/26	9:35	Soil	L13 0-4'	4oz	ice	13	✓	✓					✓			
7/26	9:40		L14 4'			14										
7/26	9:45		L15 4'			15										
7/26	9:50		L16 4'			16										
7/29	9:00		L41 4'			17										
7/29	9:15		L44 0-4'			18										
7/29	9:20		L45 4			19										
7/29	9:55		L52 0-4			20										
7/29	10:00		L53 4			21										
7/29	10:05		L54 0-4			22										
7/29	10:15		L56 0-4			23										
7/29	10:20		L57 4			24										

Analysis Request

Date	Time	Relinquished by	Received by	Via	Date	Time
7/31/24	900				7/31/24	900
7/31/24	1900			courier	8/1/24	7:30

Remarks:
CC: monica.peppin@soudermiller.com
Direct Bill Devon

If necessary samples submitted to Hall Environmental may be subcontracted to other accredited laboratories This serves as notice of this possibility Any sub-contracted data will be clearly notated on the analytical report.

Released to Imaging: 2/14/2025 3:42:06 PM
Received by OCD: 2/11/2025 8:43:06 AM

Chain-of-Custody Record

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Client: Devon Energy
Jim Raley

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☑ Standard ☑ Rush 5 Day

Project Name: Campana 2M ST #081

Project #: 5E32074-BG9

Project Manager: Stephanie Hinds

Sampler: MJP

On Ice: ☑ Yes ☐ No 4 bags

# of Coolers: 1 +0.8 = 3.6

Cooler Temp(including CF): 2.8 +1.1 = 3.9 (°C)

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
7/29	10:25	Soil	L58 4'	4oz	ice	25	✓	✓					✓			
7/29	10:35		L60 4			26										
7/29	10:40		L61 0-4			27										
	7:50		L17 4			28										
	7:05		L18 4'			29										
	7:50		L27 4'			30										
	7:55		L28 4'			31										
	8:05		L30 0-4'			32										
	8:10		L31 4'			33										

Date	Time	Relinquished by	Received by	Via	Date	Time
7/31/24	900				7/31/24	900
7/31/24	1900			courier	8/1/24	7:30

Remarks:
cc: M. Peppin
Direct Bill Devon

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories This serves as notice of this possibility Any sub-contracted data will be clearly notated on the analytical report.

Login Sample Receipt Checklist

Client: Devon Energy Corporation Job Number: 885-9002-1

Login Number: 9002 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: Casarrubias, Tracy

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	True	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Jim Raley
Devon Energy Corporation
6488 Seven Rivers Hwy
Artesia, New Mexico 88210

Generated 8/13/2024 9:38:50 AM

JOB DESCRIPTION

Campana 2M St #001

JOB NUMBER

885-9037-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Released to Imaging: 2/14/2025 3:42:00 PM

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



Generated
8/13/2024 9:38:50 AM

Authorized for release by
Andy Freeman, Business Unit Manager
andy.freeman@et.eurofinsus.com
(505)345-3975

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Laboratory Job ID: 885-9037-1

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Definitions/Glossary

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9037-1

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Devon Energy Corporation
Project: Campana 2M St #001

Job ID: 885-9037-1

Job ID: 885-9037-1 Eurofins Albuquerque

Job Narrative
885-9037-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 8/1/2024 7:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.3°C.

Gasoline Range Organics
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics
Method 8015D_DRO: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 885-9676 and analytical batch 885-9623 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015D_DRO: The continuing calibration verification (CCV) associated with batch 885-9623 recovered above the upper control limit for C10-C28 and Di-n-octyl phthalate (Surr). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. Any associated samples with hits are being re-ran. Original LCS/MS/MSD were re-ran with passing CCV; data is reportable for this batch. 885-8976-32 re-ran to confirm original results.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9037-1

Client Sample ID: SP1

Date Collected: 07/30/24 14:00
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9037-1

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.8		mg/Kg		08/01/24 16:18	08/03/24 18:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*35 - 166*	*08/01/24 16:18*	*08/03/24 18:23*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/01/24 16:18	08/03/24 18:23	1
Ethylbenzene	ND		0.048		mg/Kg		08/01/24 16:18	08/03/24 18:23	1
Toluene	ND		0.048		mg/Kg		08/01/24 16:18	08/03/24 18:23	1
Xylenes, Total	ND		0.097		mg/Kg		08/01/24 16:18	08/03/24 18:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*48 - 145*	*08/01/24 16:18*	*08/03/24 18:23*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.6		mg/Kg		08/02/24 13:17	08/02/24 21:06	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/02/24 13:17	08/02/24 21:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*96*		*62 - 134*	*08/02/24 13:17*	*08/02/24 21:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1600**		60		mg/Kg		08/02/24 14:45	08/08/24 11:50	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9037-1

Client Sample ID: SP2

Date Collected: 07/30/24 14:00
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9037-2

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.8		mg/Kg		08/01/24 16:18	08/03/24 18:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*35 - 166*	*08/01/24 16:18*	*08/03/24 18:46*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/01/24 16:18	08/03/24 18:46	1
Ethylbenzene	ND		0.048		mg/Kg		08/01/24 16:18	08/03/24 18:46	1
Toluene	ND		0.048		mg/Kg		08/01/24 16:18	08/03/24 18:46	1
Xylenes, Total	ND		0.096		mg/Kg		08/01/24 16:18	08/03/24 18:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*48 - 145*	*08/01/24 16:18*	*08/03/24 18:46*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.6		mg/Kg		08/02/24 13:17	08/02/24 21:20	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/02/24 13:17	08/02/24 21:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*98*		*62 - 134*	*08/02/24 13:17*	*08/02/24 21:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3400**		150		mg/Kg		08/02/24 14:45	08/07/24 19:21	50

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9037-1

Client Sample ID: SP3

Date Collected: 07/30/24 14:00
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9037-3

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.8		mg/Kg		08/01/24 16:18	08/03/24 19:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*35 - 166*	*08/01/24 16:18*	*08/03/24 19:10*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/01/24 16:18	08/03/24 19:10	1
Ethylbenzene	ND		0.048		mg/Kg		08/01/24 16:18	08/03/24 19:10	1
Toluene	ND		0.048		mg/Kg		08/01/24 16:18	08/03/24 19:10	1
Xylenes, Total	ND		0.096		mg/Kg		08/01/24 16:18	08/03/24 19:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*48 - 145*	*08/01/24 16:18*	*08/03/24 19:10*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.6		mg/Kg		08/02/24 13:17	08/02/24 21:34	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/02/24 13:17	08/02/24 21:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*99*		*62 - 134*	*08/02/24 13:17*	*08/02/24 21:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2800**		150		mg/Kg		08/02/24 14:45	08/09/24 17:10	50

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Free Liquid (SW846 9095B)	**Negative**				NONE			08/05/24 17:08	1

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9037-1

Client Sample ID: SP4

Date Collected: 07/30/24 14:00
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9037-4

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.9		mg/Kg		08/01/24 16:18	08/03/24 19:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*35 - 166*	*08/01/24 16:18*	*08/03/24 19:33*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/01/24 16:18	08/03/24 19:33	1
Ethylbenzene	ND		0.049		mg/Kg		08/01/24 16:18	08/03/24 19:33	1
Toluene	ND		0.049		mg/Kg		08/01/24 16:18	08/03/24 19:33	1
Xylenes, Total	ND		0.098		mg/Kg		08/01/24 16:18	08/03/24 19:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*48 - 145*	*08/01/24 16:18*	*08/03/24 19:33*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	**11**		9.7		mg/Kg		08/02/24 13:17	08/02/24 21:47	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/02/24 13:17	08/02/24 21:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*91*		*62 - 134*	*08/02/24 13:17*	*08/02/24 21:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2700**		150		mg/Kg		08/02/24 14:45	08/09/24 17:49	50

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9037-1

Client Sample ID: SP5

Lab Sample ID: 885-9037-5

Date Collected: 07/30/24 14:00
Matrix: Solid
Date Received: 08/01/24 07:30

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.8		mg/Kg		08/01/24 16:18	08/03/24 19:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*35 - 166*	*08/01/24 16:18*	*08/03/24 19:57*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/01/24 16:18	08/03/24 19:57	1
Ethylbenzene	ND		0.048		mg/Kg		08/01/24 16:18	08/03/24 19:57	1
Toluene	ND		0.048		mg/Kg		08/01/24 16:18	08/03/24 19:57	1
Xylenes, Total	ND		0.096		mg/Kg		08/01/24 16:18	08/03/24 19:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*48 - 145*	*08/01/24 16:18*	*08/03/24 19:57*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	**12**	**F1**	9.9		mg/Kg		08/02/24 13:17	08/02/24 22:01	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/02/24 13:17	08/02/24 22:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*99*		*62 - 134*	*08/02/24 13:17*	*08/02/24 22:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6300**		300		mg/Kg		08/02/24 14:45	08/08/24 08:58	100

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9037-1

Client Sample ID: SP6

Date Collected: 07/30/24 14:00
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9037-6

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		5.0		mg/Kg		08/02/24 10:33	08/05/24 12:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*35 - 166*	*08/02/24 10:33*	*08/05/24 12:09*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/02/24 10:33	08/05/24 12:09	1
Ethylbenzene	ND		0.050		mg/Kg		08/02/24 10:33	08/05/24 12:09	1
Toluene	ND		0.050		mg/Kg		08/02/24 10:33	08/05/24 12:09	1
Xylenes, Total	ND		0.10		mg/Kg		08/02/24 10:33	08/05/24 12:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*48 - 145*	*08/02/24 10:33*	*08/05/24 12:09*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	**16**		10		mg/Kg		08/05/24 09:36	08/05/24 14:37	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/05/24 09:36	08/05/24 14:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*94*		*62 - 134*	*08/05/24 09:36*	*08/05/24 14:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7300**		300		mg/Kg		08/05/24 11:06	08/06/24 21:07	100

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9037-1

Client Sample ID: SP7

Date Collected: 07/30/24 14:00
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9037-7

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		5.0		mg/Kg		08/02/24 10:33	08/05/24 13:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*35 - 166*	*08/02/24 10:33*	*08/05/24 13:20*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/02/24 10:33	08/05/24 13:20	1
Ethylbenzene	ND		0.050		mg/Kg		08/02/24 10:33	08/05/24 13:20	1
Toluene	ND		0.050		mg/Kg		08/02/24 10:33	08/05/24 13:20	1
Xylenes, Total	ND		0.099		mg/Kg		08/02/24 10:33	08/05/24 13:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*48 - 145*	*08/02/24 10:33*	*08/05/24 13:20*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.9		mg/Kg		08/05/24 09:36	08/05/24 14:48	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/05/24 09:36	08/05/24 14:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*95*		*62 - 134*	*08/05/24 09:36*	*08/05/24 14:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2200**		150		mg/Kg		08/05/24 11:06	08/07/24 16:16	50

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9037-1

Client Sample ID: SP8

Date Collected: 07/30/24 14:00
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9037-8

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.9		mg/Kg		08/02/24 10:33	08/05/24 14:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*35 - 166*	*08/02/24 10:33*	*08/05/24 14:31*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/02/24 10:33	08/05/24 14:31	1
Ethylbenzene	ND		0.049		mg/Kg		08/02/24 10:33	08/05/24 14:31	1
Toluene	ND		0.049		mg/Kg		08/02/24 10:33	08/05/24 14:31	1
Xylenes, Total	ND		0.099		mg/Kg		08/02/24 10:33	08/05/24 14:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*48 - 145*	*08/02/24 10:33*	*08/05/24 14:31*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.7		mg/Kg		08/05/24 09:36	08/05/24 15:10	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/05/24 09:36	08/05/24 15:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*92*		*62 - 134*	*08/05/24 09:36*	*08/05/24 15:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2400**		150		mg/Kg		08/05/24 11:06	08/07/24 16:28	50

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Free Liquid (SW846 9095B)	**Negative**				NONE			08/05/24 17:08	1

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9037-1

Client Sample ID: SP9

Date Collected: 07/30/24 14:00
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9037-9

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.6		mg/Kg		08/02/24 10:33	08/05/24 14:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*35 - 166*	*08/02/24 10:33*	*08/05/24 14:55*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		08/02/24 10:33	08/05/24 14:55	1
Ethylbenzene	ND		0.046		mg/Kg		08/02/24 10:33	08/05/24 14:55	1
Toluene	ND		0.046		mg/Kg		08/02/24 10:33	08/05/24 14:55	1
Xylenes, Total	ND		0.093		mg/Kg		08/02/24 10:33	08/05/24 14:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*48 - 145*	*08/02/24 10:33*	*08/05/24 14:55*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.6		mg/Kg		08/05/24 09:36	08/05/24 15:20	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/05/24 09:36	08/05/24 15:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*99*		*62 - 134*	*08/05/24 09:36*	*08/05/24 15:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4400**		150		mg/Kg		08/05/24 11:06	08/07/24 07:46	50

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9037-1

Client Sample ID: SP10

Date Collected: 07/30/24 14:00
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9037-10

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		5.0		mg/Kg		08/02/24 10:33	08/05/24 15:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*35 - 166*	*08/02/24 10:33*	*08/05/24 15:19*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/02/24 10:33	08/05/24 15:19	1
Ethylbenzene	ND		0.050		mg/Kg		08/02/24 10:33	08/05/24 15:19	1
Toluene	ND		0.050		mg/Kg		08/02/24 10:33	08/05/24 15:19	1
Xylenes, Total	ND		0.099		mg/Kg		08/02/24 10:33	08/05/24 15:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*48 - 145*	*08/02/24 10:33*	*08/05/24 15:19*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.8		mg/Kg		08/05/24 09:36	08/05/24 15:31	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/05/24 09:36	08/05/24 15:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*94*		*62 - 134*	*08/05/24 09:36*	*08/05/24 15:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4400**		150		mg/Kg		08/05/24 11:06	08/07/24 07:58	50

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9037-1

Client Sample ID: SP11

Date Collected: 07/30/24 14:00
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9037-11

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		5.0		mg/Kg		08/02/24 10:33	08/05/24 15:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*35 - 166*	*08/02/24 10:33*	*08/05/24 15:43*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/02/24 10:33	08/05/24 15:43	1
Ethylbenzene	ND		0.050		mg/Kg		08/02/24 10:33	08/05/24 15:43	1
Toluene	ND		0.050		mg/Kg		08/02/24 10:33	08/05/24 15:43	1
Xylenes, Total	ND		0.099		mg/Kg		08/02/24 10:33	08/05/24 15:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*48 - 145*	*08/02/24 10:33*	*08/05/24 15:43*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		8.8		mg/Kg		08/05/24 09:36	08/05/24 15:42	1
Motor Oil Range Organics [C28-C40]	ND		44		mg/Kg		08/05/24 09:36	08/05/24 15:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*94*		*62 - 134*	*08/05/24 09:36*	*08/05/24 15:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4200**		150		mg/Kg		08/05/24 11:06	08/07/24 08:10	50

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9037-1

Client Sample ID: SP12

Date Collected: 07/30/24 14:00
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9037-12

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.9		mg/Kg		08/02/24 10:33	08/05/24 16:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*35 - 166*	*08/02/24 10:33*	*08/05/24 16:07*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/02/24 10:33	08/05/24 16:07	1
Ethylbenzene	ND		0.049		mg/Kg		08/02/24 10:33	08/05/24 16:07	1
Toluene	ND		0.049		mg/Kg		08/02/24 10:33	08/05/24 16:07	1
Xylenes, Total	ND		0.097		mg/Kg		08/02/24 10:33	08/05/24 16:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*48 - 145*	*08/02/24 10:33*	*08/05/24 16:07*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.6		mg/Kg		08/05/24 09:36	08/05/24 15:53	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/05/24 09:36	08/05/24 15:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*91*		*62 - 134*	*08/05/24 09:36*	*08/05/24 15:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2700**		150		mg/Kg		08/05/24 11:06	08/07/24 15:27	50

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9037-1

Client Sample ID: SP13

Date Collected: 07/30/24 15:00
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9037-13

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.8		mg/Kg		08/02/24 10:33	08/05/24 16:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*35 - 166*	*08/02/24 10:33*	*08/05/24 16:30*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/02/24 10:33	08/05/24 16:30	1
Ethylbenzene	ND		0.048		mg/Kg		08/02/24 10:33	08/05/24 16:30	1
Toluene	ND		0.048		mg/Kg		08/02/24 10:33	08/05/24 16:30	1
Xylenes, Total	ND		0.095		mg/Kg		08/02/24 10:33	08/05/24 16:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*48 - 145*	*08/02/24 10:33*	*08/05/24 16:30*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.6		mg/Kg		08/05/24 09:36	08/05/24 16:04	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/05/24 09:36	08/05/24 16:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*95*		*62 - 134*	*08/05/24 09:36*	*08/05/24 16:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3100**		150		mg/Kg		08/05/24 11:06	08/07/24 15:39	50

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Free Liquid (SW846 9095B)	**Negative**				NONE			08/05/24 17:08	1

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9037-1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-9597/1-A
Matrix: Solid
Analysis Batch: 9722

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9597

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		5.0		mg/Kg		08/01/24 15:02	08/02/24 22:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*35 - 166*	*08/01/24 15:02*	*08/02/24 22:25*	*1*

Lab Sample ID: MB 885-9599/1-A
Matrix: Solid
Analysis Batch: 9722

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9599

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		5.0		mg/Kg		08/01/24 16:18	08/03/24 10:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*35 - 166*	*08/01/24 16:18*	*08/03/24 10:09*	*1*

Lab Sample ID: LCS 885-9599/2-A
Matrix: Solid
Analysis Batch: 9722

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9599

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
C6-C10			25.0	22.0		mg/Kg		88	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*198*	*S1+*	*35 - 166*

Lab Sample ID: MB 885-9643/1-A
Matrix: Solid
Analysis Batch: 9779

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9643

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		5.0		mg/Kg		08/02/24 10:33	08/05/24 11:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*35 - 166*	*08/02/24 10:33*	*08/05/24 11:46*	*1*

Lab Sample ID: LCS 885-9643/2-A
Matrix: Solid
Analysis Batch: 9779

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9643

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
C6-C10			25.0	23.9		mg/Kg		96	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*198*		*35 - 166*

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9037-1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC) (Continued)

Lab Sample ID: 885-9037-6 MS
Matrix: Solid
Analysis Batch: 9779

Client Sample ID: SP6
Prep Type: Total/NA
Prep Batch: 9643

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
C6-C10	ND		25.0	29.0		mg/Kg		116	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*223*		*35 - 166*

Lab Sample ID: 885-9037-6 MSD
Matrix: Solid
Analysis Batch: 9779

Client Sample ID: SP6
Prep Type: Total/NA
Prep Batch: 9643

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C6-C10	ND		24.8	27.0		mg/Kg		109	70 - 130	7	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*219*		*35 - 166*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-9597/1-A
Matrix: Solid
Analysis Batch: 9724

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9597

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/01/24 15:02	08/02/24 22:25	1
Ethylbenzene	ND		0.050		mg/Kg		08/01/24 15:02	08/02/24 22:25	1
Toluene	ND		0.050		mg/Kg		08/01/24 15:02	08/02/24 22:25	1
Xylenes, Total	ND		0.10		mg/Kg		08/01/24 15:02	08/02/24 22:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*48 - 145*	*08/01/24 15:02*	*08/02/24 22:25*	*1*

Lab Sample ID: MB 885-9599/1-A
Matrix: Solid
Analysis Batch: 9724

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9599

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/01/24 16:18	08/03/24 10:09	1
Ethylbenzene	ND		0.050		mg/Kg		08/01/24 16:18	08/03/24 10:09	1
Toluene	ND		0.050		mg/Kg		08/01/24 16:18	08/03/24 10:09	1
Xylenes, Total	ND		0.10		mg/Kg		08/01/24 16:18	08/03/24 10:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*48 - 145*	*08/01/24 16:18*	*08/03/24 10:09*	*1*

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9037-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 885-9599/3-A
Matrix: Solid
Analysis Batch: 9724

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9599

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	0.967		mg/Kg		97	70 - 130		
Ethylbenzene			1.00	0.883		mg/Kg		88	70 - 130		
Toluene			1.00	0.913		mg/Kg		91	70 - 130		
m,p-Xylene			2.00	1.76		mg/Kg		88	70 - 130		
o-Xylene			1.00	0.851		mg/Kg		85	70 - 130		
Xylenes, Total			3.00	2.61		mg/Kg		87	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*48 - 145*

Lab Sample ID: MB 885-9643/1-A
Matrix: Solid
Analysis Batch: 9780

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9643

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/02/24 10:33	08/05/24 11:46	1
Ethylbenzene	ND		0.050		mg/Kg		08/02/24 10:33	08/05/24 11:46	1
Toluene	ND		0.050		mg/Kg		08/02/24 10:33	08/05/24 11:46	1
Xylenes, Total	ND		0.10		mg/Kg		08/02/24 10:33	08/05/24 11:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*48 - 145*	*08/02/24 10:33*	*08/05/24 11:46*	*1*

Lab Sample ID: LCS 885-9643/3-A
Matrix: Solid
Analysis Batch: 9780

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9643

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	0.929		mg/Kg		93	70 - 130		
Ethylbenzene			1.00	0.866		mg/Kg		87	70 - 130		
Toluene			1.00	0.870		mg/Kg		87	70 - 130		
m,p-Xylene			2.00	1.72		mg/Kg		86	70 - 130		
o-Xylene			1.00	0.827		mg/Kg		83	70 - 130		
Xylenes, Total			3.00	2.55		mg/Kg		85	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*48 - 145*

Lab Sample ID: 885-9037-7 MS
Matrix: Solid
Analysis Batch: 9780

Client Sample ID: SP7
Prep Type: Total/NA
Prep Batch: 9643

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	ND		0.998	1.01		mg/Kg		101	70 - 130		
Ethylbenzene	ND		0.998	0.954		mg/Kg		96	70 - 130		
Toluene	ND		0.998	0.950		mg/Kg		94	70 - 130		
m,p-Xylene	ND		2.00	1.93		mg/Kg		95	70 - 130		
o-Xylene	ND		0.998	0.926		mg/Kg		93	70 - 130		

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9037-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 885-9037-7 MS
Matrix: Solid
Analysis Batch: 9780

Client Sample ID: SP7
Prep Type: Total/NA
Prep Batch: 9643

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Xylenes, Total	ND		2.99	2.85		mg/Kg		95	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*48 - 145*

Lab Sample ID: 885-9037-7 MSD
Matrix: Solid
Analysis Batch: 9780

Client Sample ID: SP7
Prep Type: Total/NA
Prep Batch: 9643

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		1.00	1.00		mg/Kg		100	70 - 130	1	20
Ethylbenzene	ND		1.00	0.963		mg/Kg		96	70 - 130	1	20
Toluene	ND		1.00	0.962		mg/Kg		95	70 - 130	1	20
m,p-Xylene	ND		2.00	1.94		mg/Kg		96	70 - 130	1	20
o-Xylene	ND		1.00	0.952		mg/Kg		95	70 - 130	3	20
Xylenes, Total	ND		3.00	2.89		mg/Kg		96	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*48 - 145*

Method: 8015M/D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-9676/1-A
Matrix: Solid
Analysis Batch: 9623

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9676

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		10		mg/Kg		08/02/24 13:17	08/02/24 16:59	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/02/24 13:17	08/02/24 16:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*115*		*62 - 134*	*08/02/24 13:17*	*08/02/24 16:59*	*1*

Lab Sample ID: LCS 885-9676/2-A
Matrix: Solid
Analysis Batch: 9623

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9676

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
C10-C28			50.0	56.2		mg/Kg		112	60 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*117*		*62 - 134*

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9037-1

Method: 8015M/D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 885-9037-5 MS
Matrix: Solid
Analysis Batch: 9623

Client Sample ID: SP5
Prep Type: Total/NA
Prep Batch: 9676

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
C10-C28	12	F1	47.1	36.5		mg/Kg		52	44 - 136

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*105*		*62 - 134*

Lab Sample ID: 885-9037-5 MSD
Matrix: Solid
Analysis Batch: 9623

Client Sample ID: SP5
Prep Type: Total/NA
Prep Batch: 9676

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28	12	F1	49.6	32.6	F1	mg/Kg		41	44 - 136	11	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*106*		*62 - 134*

Lab Sample ID: MB 885-9717/1-A
Matrix: Solid
Analysis Batch: 9716

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9717

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		10		mg/Kg		08/05/24 09:36	08/05/24 13:32	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/05/24 09:36	08/05/24 13:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*101*		*62 - 134*	*08/05/24 09:36*	*08/05/24 13:32*	*1*

Lab Sample ID: LCS 885-9717/2-A
Matrix: Solid
Analysis Batch: 9716

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9717

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
C10-C28			50.0	42.6		mg/Kg		85	60 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*92*		*62 - 134*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-9681/1-A
Matrix: Solid
Analysis Batch: 9689

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9681

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0		mg/Kg		08/02/24 14:45	08/02/24 22:48	1

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9037-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-9681/2-A
Matrix: Solid
Analysis Batch: 9689

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9681

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	30.0	29.0		mg/Kg		97	90 - 110

Lab Sample ID: MB 885-9689/16
Matrix: Solid
Analysis Batch: 9689

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50		mg/Kg			08/02/24 08:44	1

Lab Sample ID: MRL 885-9689/15
Matrix: Solid
Analysis Batch: 9689

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.512		mg/L		102	50 - 150

Lab Sample ID: MB 885-9732/1-A
Matrix: Solid
Analysis Batch: 9777

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9732

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.5		mg/Kg		08/05/24 11:06	08/05/24 12:29	1

Lab Sample ID: LCS 885-9732/2-A
Matrix: Solid
Analysis Batch: 9777

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9732

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	15.0	14.2		mg/Kg		94	90 - 110

Lab Sample ID: MB 885-9914/16
Matrix: Solid
Analysis Batch: 9914

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50		mg/Kg			08/07/24 17:30	1

Lab Sample ID: MRL 885-9914/15
Matrix: Solid
Analysis Batch: 9914

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.516		mg/L		103	50 - 150

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9037-1

Method: 9095B - Paint Filter (Presence/Absence)

Lab Sample ID: 885-9037-3 DU
Matrix: Solid
Analysis Batch: 9761

Client Sample ID: SP3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Free Liquid	Negative			Negative		NONE				NC	

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9037-1

GC VOA

Prep Batch: 9597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-9597/1-A	Method Blank	Total/NA	Solid	5030C	

Prep Batch: 9599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9037-1	SP1	Total/NA	Solid	5030C	
885-9037-2	SP2	Total/NA	Solid	5030C	
885-9037-3	SP3	Total/NA	Solid	5030C	
885-9037-4	SP4	Total/NA	Solid	5030C	
885-9037-5	SP5	Total/NA	Solid	5030C	
MB 885-9599/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-9599/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-9599/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Prep Batch: 9643

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9037-6	SP6	Total/NA	Solid	5030C	
885-9037-7	SP7	Total/NA	Solid	5030C	
885-9037-8	SP8	Total/NA	Solid	5030C	
885-9037-9	SP9	Total/NA	Solid	5030C	
885-9037-10	SP10	Total/NA	Solid	5030C	
885-9037-11	SP11	Total/NA	Solid	5030C	
885-9037-12	SP12	Total/NA	Solid	5030C	
885-9037-13	SP13	Total/NA	Solid	5030C	
MB 885-9643/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-9643/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-9643/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-9037-6 MS	SP6	Total/NA	Solid	5030C	
885-9037-6 MSD	SP6	Total/NA	Solid	5030C	
885-9037-7 MS	SP7	Total/NA	Solid	5030C	
885-9037-7 MSD	SP7	Total/NA	Solid	5030C	

Analysis Batch: 9722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9037-1	SP1	Total/NA	Solid	8015M/D	9599
885-9037-2	SP2	Total/NA	Solid	8015M/D	9599
885-9037-3	SP3	Total/NA	Solid	8015M/D	9599
885-9037-4	SP4	Total/NA	Solid	8015M/D	9599
885-9037-5	SP5	Total/NA	Solid	8015M/D	9599
MB 885-9597/1-A	Method Blank	Total/NA	Solid	8015M/D	9597
MB 885-9599/1-A	Method Blank	Total/NA	Solid	8015M/D	9599
LCS 885-9599/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	9599

Analysis Batch: 9724

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9037-1	SP1	Total/NA	Solid	8021B	9599
885-9037-2	SP2	Total/NA	Solid	8021B	9599
885-9037-3	SP3	Total/NA	Solid	8021B	9599
885-9037-4	SP4	Total/NA	Solid	8021B	9599
885-9037-5	SP5	Total/NA	Solid	8021B	9599
MB 885-9597/1-A	Method Blank	Total/NA	Solid	8021B	9597
MB 885-9599/1-A	Method Blank	Total/NA	Solid	8021B	9599

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9037-1

GC VOA (Continued)

Analysis Batch: 9724 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 885-9599/3-A	Lab Control Sample	Total/NA	Solid	8021B	9599

Analysis Batch: 9779

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9037-6	SP6	Total/NA	Solid	8015M/D	9643
885-9037-7	SP7	Total/NA	Solid	8015M/D	9643
885-9037-8	SP8	Total/NA	Solid	8015M/D	9643
885-9037-9	SP9	Total/NA	Solid	8015M/D	9643
885-9037-10	SP10	Total/NA	Solid	8015M/D	9643
885-9037-11	SP11	Total/NA	Solid	8015M/D	9643
885-9037-12	SP12	Total/NA	Solid	8015M/D	9643
885-9037-13	SP13	Total/NA	Solid	8015M/D	9643
MB 885-9643/1-A	Method Blank	Total/NA	Solid	8015M/D	9643
LCS 885-9643/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	9643
885-9037-6 MS	SP6	Total/NA	Solid	8015M/D	9643
885-9037-6 MSD	SP6	Total/NA	Solid	8015M/D	9643

Analysis Batch: 9780

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9037-6	SP6	Total/NA	Solid	8021B	9643
885-9037-7	SP7	Total/NA	Solid	8021B	9643
885-9037-8	SP8	Total/NA	Solid	8021B	9643
885-9037-9	SP9	Total/NA	Solid	8021B	9643
885-9037-10	SP10	Total/NA	Solid	8021B	9643
885-9037-11	SP11	Total/NA	Solid	8021B	9643
885-9037-12	SP12	Total/NA	Solid	8021B	9643
885-9037-13	SP13	Total/NA	Solid	8021B	9643
MB 885-9643/1-A	Method Blank	Total/NA	Solid	8021B	9643
LCS 885-9643/3-A	Lab Control Sample	Total/NA	Solid	8021B	9643
885-9037-7 MS	SP7	Total/NA	Solid	8021B	9643
885-9037-7 MSD	SP7	Total/NA	Solid	8021B	9643

GC Semi VOA

Analysis Batch: 9623

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9037-1	SP1	Total/NA	Solid	8015M/D	9676
885-9037-2	SP2	Total/NA	Solid	8015M/D	9676
885-9037-3	SP3	Total/NA	Solid	8015M/D	9676
885-9037-4	SP4	Total/NA	Solid	8015M/D	9676
885-9037-5	SP5	Total/NA	Solid	8015M/D	9676
MB 885-9676/1-A	Method Blank	Total/NA	Solid	8015M/D	9676
LCS 885-9676/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	9676
885-9037-5 MS	SP5	Total/NA	Solid	8015M/D	9676
885-9037-5 MSD	SP5	Total/NA	Solid	8015M/D	9676

Prep Batch: 9676

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9037-1	SP1	Total/NA	Solid	SHAKE	
885-9037-2	SP2	Total/NA	Solid	SHAKE	
885-9037-3	SP3	Total/NA	Solid	SHAKE	

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9037-1

GC Semi VOA (Continued)

Prep Batch: 9676 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9037-4	SP4	Total/NA	Solid	SHAKE	
885-9037-5	SP5	Total/NA	Solid	SHAKE	
MB 885-9676/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-9676/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-9037-5 MS	SP5	Total/NA	Solid	SHAKE	
885-9037-5 MSD	SP5	Total/NA	Solid	SHAKE	

Analysis Batch: 9716

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9037-6	SP6	Total/NA	Solid	8015M/D	9717
885-9037-7	SP7	Total/NA	Solid	8015M/D	9717
885-9037-8	SP8	Total/NA	Solid	8015M/D	9717
885-9037-9	SP9	Total/NA	Solid	8015M/D	9717
885-9037-10	SP10	Total/NA	Solid	8015M/D	9717
885-9037-11	SP11	Total/NA	Solid	8015M/D	9717
885-9037-12	SP12	Total/NA	Solid	8015M/D	9717
885-9037-13	SP13	Total/NA	Solid	8015M/D	9717
MB 885-9717/1-A	Method Blank	Total/NA	Solid	8015M/D	9717
LCS 885-9717/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	9717

Prep Batch: 9717

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9037-6	SP6	Total/NA	Solid	SHAKE	
885-9037-7	SP7	Total/NA	Solid	SHAKE	
885-9037-8	SP8	Total/NA	Solid	SHAKE	
885-9037-9	SP9	Total/NA	Solid	SHAKE	
885-9037-10	SP10	Total/NA	Solid	SHAKE	
885-9037-11	SP11	Total/NA	Solid	SHAKE	
885-9037-12	SP12	Total/NA	Solid	SHAKE	
885-9037-13	SP13	Total/NA	Solid	SHAKE	
MB 885-9717/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-9717/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

HPLC/IC

Prep Batch: 9681

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9037-1	SP1	Total/NA	Solid	300_Prep	
885-9037-2	SP2	Total/NA	Solid	300_Prep	
885-9037-3	SP3	Total/NA	Solid	300_Prep	
885-9037-4	SP4	Total/NA	Solid	300_Prep	
885-9037-5	SP5	Total/NA	Solid	300_Prep	
MB 885-9681/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-9681/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 9689

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-9681/1-A	Method Blank	Total/NA	Solid	300.0	9681
MB 885-9689/16	Method Blank	Total/NA	Solid	300.0	
LCS 885-9681/2-A	Lab Control Sample	Total/NA	Solid	300.0	9681
MRL 885-9689/15	Lab Control Sample	Total/NA	Solid	300.0	

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9037-1

HPLC/IC

Prep Batch: 9732

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9037-6	SP6	Total/NA	Solid	300_Prep	
885-9037-7	SP7	Total/NA	Solid	300_Prep	
885-9037-8	SP8	Total/NA	Solid	300_Prep	
885-9037-9	SP9	Total/NA	Solid	300_Prep	
885-9037-10	SP10	Total/NA	Solid	300_Prep	
885-9037-11	SP11	Total/NA	Solid	300_Prep	
885-9037-12	SP12	Total/NA	Solid	300_Prep	
885-9037-13	SP13	Total/NA	Solid	300_Prep	
MB 885-9732/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-9732/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 9777

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-9732/1-A	Method Blank	Total/NA	Solid	300.0	9732
LCS 885-9732/2-A	Lab Control Sample	Total/NA	Solid	300.0	9732

Analysis Batch: 9896

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9037-6	SP6	Total/NA	Solid	300.0	9732

Analysis Batch: 9914

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9037-7	SP7	Total/NA	Solid	300.0	9732
885-9037-8	SP8	Total/NA	Solid	300.0	9732
885-9037-9	SP9	Total/NA	Solid	300.0	9732
885-9037-10	SP10	Total/NA	Solid	300.0	9732
885-9037-11	SP11	Total/NA	Solid	300.0	9732
885-9037-12	SP12	Total/NA	Solid	300.0	9732
885-9037-13	SP13	Total/NA	Solid	300.0	9732
MB 885-9914/16	Method Blank	Total/NA	Solid	300.0	
MRL 885-9914/15	Lab Control Sample	Total/NA	Solid	300.0	

Analysis Batch: 9920

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9037-2	SP2	Total/NA	Solid	300.0	9681

Analysis Batch: 9995

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9037-1	SP1	Total/NA	Solid	300.0	9681
885-9037-5	SP5	Total/NA	Solid	300.0	9681

Analysis Batch: 10026

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9037-3	SP3	Total/NA	Solid	300.0	9681
885-9037-4	SP4	Total/NA	Solid	300.0	9681

General Chemistry

Analysis Batch: 9761

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9037-3	SP3	Total/NA	Solid	9095B	

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9037-1

General Chemistry (Continued)

Analysis Batch: 9761 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9037-8	SP8	Total/NA	Solid	9095B	
885-9037-13	SP13	Total/NA	Solid	9095B	
885-9037-3 DU	SP3	Total/NA	Solid	9095B	

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9037-1

Client Sample ID: SP1

Lab Sample ID: 885-9037-1
Matrix: Solid
Date Collected: 07/30/24 14:00
Date Received: 08/01/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9599	JP	EET ALB	08/01/24 16:18
Total/NA	Analysis	8015M/D		1	9722	RA	EET ALB	08/03/24 18:23
Total/NA	Prep	5030C			9599	JP	EET ALB	08/01/24 16:18
Total/NA	Analysis	8021B		1	9724	RA	EET ALB	08/03/24 18:23
Total/NA	Prep	SHAKE			9676	KR	EET ALB	08/02/24 13:17
Total/NA	Analysis	8015M/D		1	9623	KR	EET ALB	08/02/24 21:06
Total/NA	Prep	300_Prep			9681	JT	EET ALB	08/02/24 14:45
Total/NA	Analysis	300.0		20	9995	RC	EET ALB	08/08/24 11:50

Client Sample ID: SP2

Lab Sample ID: 885-9037-2
Matrix: Solid
Date Collected: 07/30/24 14:00
Date Received: 08/01/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9599	JP	EET ALB	08/01/24 16:18
Total/NA	Analysis	8015M/D		1	9722	RA	EET ALB	08/03/24 18:46
Total/NA	Prep	5030C			9599	JP	EET ALB	08/01/24 16:18
Total/NA	Analysis	8021B		1	9724	RA	EET ALB	08/03/24 18:46
Total/NA	Prep	SHAKE			9676	KR	EET ALB	08/02/24 13:17
Total/NA	Analysis	8015M/D		1	9623	KR	EET ALB	08/02/24 21:20
Total/NA	Prep	300_Prep			9681	JT	EET ALB	08/02/24 14:45
Total/NA	Analysis	300.0		50	9920	RC	EET ALB	08/07/24 19:21

Client Sample ID: SP3

Lab Sample ID: 885-9037-3
Matrix: Solid
Date Collected: 07/30/24 14:00
Date Received: 08/01/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9599	JP	EET ALB	08/01/24 16:18
Total/NA	Analysis	8015M/D		1	9722	RA	EET ALB	08/03/24 19:10
Total/NA	Prep	5030C			9599	JP	EET ALB	08/01/24 16:18
Total/NA	Analysis	8021B		1	9724	RA	EET ALB	08/03/24 19:10
Total/NA	Prep	SHAKE			9676	KR	EET ALB	08/02/24 13:17
Total/NA	Analysis	8015M/D		1	9623	KR	EET ALB	08/02/24 21:34
Total/NA	Prep	300_Prep			9681	JT	EET ALB	08/02/24 14:45
Total/NA	Analysis	300.0		50	10026	RC	EET ALB	08/09/24 17:10
Total/NA	Analysis	9095B		1	9761	MA	EET ALB	08/05/24 17:08

Client Sample ID: SP4

Lab Sample ID: 885-9037-4
Matrix: Solid
Date Collected: 07/30/24 14:00
Date Received: 08/01/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9599	JP	EET ALB	08/01/24 16:18
Total/NA	Analysis	8015M/D		1	9722	RA	EET ALB	08/03/24 19:33

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9037-1

Client Sample ID: SP4
Date Collected: 07/30/24 14:00
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9037-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9599	JP	EET ALB	08/01/24 16:18
Total/NA	Analysis	8021B		1	9724	RA	EET ALB	08/03/24 19:33
Total/NA	Prep	SHAKE			9676	KR	EET ALB	08/02/24 13:17
Total/NA	Analysis	8015M/D		1	9623	KR	EET ALB	08/02/24 21:47
Total/NA	Prep	300_Prep			9681	JT	EET ALB	08/02/24 14:45
Total/NA	Analysis	300.0		50	10026	RC	EET ALB	08/09/24 17:49

Client Sample ID: SP5
Date Collected: 07/30/24 14:00
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9037-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9599	JP	EET ALB	08/01/24 16:18
Total/NA	Analysis	8015M/D		1	9722	RA	EET ALB	08/03/24 19:57
Total/NA	Prep	5030C			9599	JP	EET ALB	08/01/24 16:18
Total/NA	Analysis	8021B		1	9724	RA	EET ALB	08/03/24 19:57
Total/NA	Prep	SHAKE			9676	KR	EET ALB	08/02/24 13:17
Total/NA	Analysis	8015M/D		1	9623	KR	EET ALB	08/02/24 22:01
Total/NA	Prep	300_Prep			9681	JT	EET ALB	08/02/24 14:45
Total/NA	Analysis	300.0		100	9995	RC	EET ALB	08/08/24 08:58

Client Sample ID: SP6
Date Collected: 07/30/24 14:00
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9037-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9643	AT	EET ALB	08/02/24 10:33
Total/NA	Analysis	8015M/D		1	9779	JP	EET ALB	08/05/24 12:09
Total/NA	Prep	5030C			9643	AT	EET ALB	08/02/24 10:33
Total/NA	Analysis	8021B		1	9780	JP	EET ALB	08/05/24 12:09
Total/NA	Prep	SHAKE			9717	EM	EET ALB	08/05/24 09:36
Total/NA	Analysis	8015M/D		1	9716	EM	EET ALB	08/05/24 14:37
Total/NA	Prep	300_Prep			9732	KB	EET ALB	08/05/24 11:06
Total/NA	Analysis	300.0		100	9896	EH	EET ALB	08/06/24 21:07

Client Sample ID: SP7
Date Collected: 07/30/24 14:00
Date Received: 08/01/24 07:30

Lab Sample ID: 885-9037-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9643	AT	EET ALB	08/02/24 10:33
Total/NA	Analysis	8015M/D		1	9779	JP	EET ALB	08/05/24 13:20
Total/NA	Prep	5030C			9643	AT	EET ALB	08/02/24 10:33
Total/NA	Analysis	8021B		1	9780	JP	EET ALB	08/05/24 13:20

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9037-1

Client Sample ID: SP7

Lab Sample ID: 885-9037-7

Date Collected: 07/30/24 14:00
Matrix: Solid
Date Received: 08/01/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			9717	EM	EET ALB	08/05/24 09:36
Total/NA	Analysis	8015M/D		1	9716	EM	EET ALB	08/05/24 14:48
Total/NA	Prep	300_Prep			9732	KB	EET ALB	08/05/24 11:06
Total/NA	Analysis	300.0		50	9914	JT	EET ALB	08/07/24 16:16

Client Sample ID: SP8

Lab Sample ID: 885-9037-8

Date Collected: 07/30/24 14:00
Matrix: Solid
Date Received: 08/01/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9643	AT	EET ALB	08/02/24 10:33
Total/NA	Analysis	8015M/D		1	9779	JP	EET ALB	08/05/24 14:31
Total/NA	Prep	5030C			9643	AT	EET ALB	08/02/24 10:33
Total/NA	Analysis	8021B		1	9780	JP	EET ALB	08/05/24 14:31
Total/NA	Prep	SHAKE			9717	EM	EET ALB	08/05/24 09:36
Total/NA	Analysis	8015M/D		1	9716	EM	EET ALB	08/05/24 15:10
Total/NA	Prep	300_Prep			9732	KB	EET ALB	08/05/24 11:06
Total/NA	Analysis	300.0		50	9914	JT	EET ALB	08/07/24 16:28
Total/NA	Analysis	9095B		1	9761	MA	EET ALB	08/05/24 17:08

Client Sample ID: SP9

Lab Sample ID: 885-9037-9

Date Collected: 07/30/24 14:00
Matrix: Solid
Date Received: 08/01/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9643	AT	EET ALB	08/02/24 10:33
Total/NA	Analysis	8015M/D		1	9779	JP	EET ALB	08/05/24 14:55
Total/NA	Prep	5030C			9643	AT	EET ALB	08/02/24 10:33
Total/NA	Analysis	8021B		1	9780	JP	EET ALB	08/05/24 14:55
Total/NA	Prep	SHAKE			9717	EM	EET ALB	08/05/24 09:36
Total/NA	Analysis	8015M/D		1	9716	EM	EET ALB	08/05/24 15:20
Total/NA	Prep	300_Prep			9732	KB	EET ALB	08/05/24 11:06
Total/NA	Analysis	300.0		50	9914	JT	EET ALB	08/07/24 07:46

Client Sample ID: SP10

Lab Sample ID: 885-9037-10

Date Collected: 07/30/24 14:00
Matrix: Solid
Date Received: 08/01/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9643	AT	EET ALB	08/02/24 10:33
Total/NA	Analysis	8015M/D		1	9779	JP	EET ALB	08/05/24 15:19
Total/NA	Prep	5030C			9643	AT	EET ALB	08/02/24 10:33
Total/NA	Analysis	8021B		1	9780	JP	EET ALB	08/05/24 15:19
Total/NA	Prep	SHAKE			9717	EM	EET ALB	08/05/24 09:36
Total/NA	Analysis	8015M/D		1	9716	EM	EET ALB	08/05/24 15:31

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9037-1

Client Sample ID: SP10

Lab Sample ID: 885-9037-10

Date Collected: 07/30/24 14:00
Matrix: Solid
Date Received: 08/01/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			9732	KB	EET ALB	08/05/24 11:06
Total/NA	Analysis	300.0		50	9914	JT	EET ALB	08/07/24 07:58

Client Sample ID: SP11

Lab Sample ID: 885-9037-11

Date Collected: 07/30/24 14:00
Matrix: Solid
Date Received: 08/01/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9643	AT	EET ALB	08/02/24 10:33
Total/NA	Analysis	8015M/D		1	9779	JP	EET ALB	08/05/24 15:43
Total/NA	Prep	5030C			9643	AT	EET ALB	08/02/24 10:33
Total/NA	Analysis	8021B		1	9780	JP	EET ALB	08/05/24 15:43
Total/NA	Prep	SHAKE			9717	EM	EET ALB	08/05/24 09:36
Total/NA	Analysis	8015M/D		1	9716	EM	EET ALB	08/05/24 15:42
Total/NA	Prep	300_Prep			9732	KB	EET ALB	08/05/24 11:06
Total/NA	Analysis	300.0		50	9914	JT	EET ALB	08/07/24 08:10

Client Sample ID: SP12

Lab Sample ID: 885-9037-12

Date Collected: 07/30/24 14:00
Matrix: Solid
Date Received: 08/01/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9643	AT	EET ALB	08/02/24 10:33
Total/NA	Analysis	8015M/D		1	9779	JP	EET ALB	08/05/24 16:07
Total/NA	Prep	5030C			9643	AT	EET ALB	08/02/24 10:33
Total/NA	Analysis	8021B		1	9780	JP	EET ALB	08/05/24 16:07
Total/NA	Prep	SHAKE			9717	EM	EET ALB	08/05/24 09:36
Total/NA	Analysis	8015M/D		1	9716	EM	EET ALB	08/05/24 15:53
Total/NA	Prep	300_Prep			9732	KB	EET ALB	08/05/24 11:06
Total/NA	Analysis	300.0		50	9914	JT	EET ALB	08/07/24 15:27

Client Sample ID: SP13

Lab Sample ID: 885-9037-13

Date Collected: 07/30/24 15:00
Matrix: Solid
Date Received: 08/01/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9643	AT	EET ALB	08/02/24 10:33
Total/NA	Analysis	8015M/D		1	9779	JP	EET ALB	08/05/24 16:30
Total/NA	Prep	5030C			9643	AT	EET ALB	08/02/24 10:33
Total/NA	Analysis	8021B		1	9780	JP	EET ALB	08/05/24 16:30
Total/NA	Prep	SHAKE			9717	EM	EET ALB	08/05/24 09:36
Total/NA	Analysis	8015M/D		1	9716	EM	EET ALB	08/05/24 16:04
Total/NA	Prep	300_Prep			9732	KB	EET ALB	08/05/24 11:06
Total/NA	Analysis	300.0		50	9914	JT	EET ALB	08/07/24 15:39
Total/NA	Analysis	9095B		1	9761	MA	EET ALB	08/05/24 17:08

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9037-1

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Devon Energy Corporation
Project/Site: Campana 2M St #001

Job ID: 885-9037-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-26-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
300.0	300_Prep	Solid	Chloride
8015M/D	5030C	Solid	C6-C10
8015M/D	SHAKE	Solid	C10-C28
8015M/D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]
8021B	5030C	Solid	Benzene
8021B	5030C	Solid	Ethylbenzene
8021B	5030C	Solid	Toluene
8021B	5030C	Solid	Xylenes, Total
9095B		Solid	Free Liquid

Oregon	NELAP	NM100001	02-26-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
9095B		Solid	Free Liquid

Released to Imaging: 2/14/2025 3:42:06 PM
Received by OCD: 2/11/2025 8:43:06 AM

Chain-of-Custody Record

Client: Devon Energy
Jim Raley

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time:
☑ Standard ☑ Rush 5 Day

Project Name: Campana 2M St #001

Project #: 5E32074-BG9

Project Manager: Stephanie Hinds

Sampler: MJP

On Ice: ☑ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 4.7 +0.8 = 5.5 (°C)

HALL ENVIRONMENTAL ANALYSIS LABOR
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 8710
Tel. 505-345-3975 Fax 505-345-4107

885-9037 COC

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	SW846 Paint Filter	percent. Tm 9100
7/30	2:00	soil	SP1	402	ice	1	✓	✓					✓					
			SP2			2												
			SP3			3											✓	
			SP4			4												
			SP5			5												
			SP6			6												
			SP7			7												
			SP8			8											✓	
			SP9			9												
			SP10			10												
			SP11			11												
			SP12			12												

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
7/31/24	910				7/31/24	900
7/31/24	1900			Courier	8/1/24	7:30

Remarks:
CC: M. Puppin

Direct Bill Devon

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Released to Imaging: 2/14/2025 3:42:06 PM
Received by OCD: 2/11/2025 8:43:06 AM

Chain-of-Custody Record

Client: Devon Energy
Jim Raley
Mailing Address:

Phone #:
email or Fax#:
QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time:
☑ Standard ☑ Rush 5 Day
Project Name: Campana 2M St #001
Project #: 5E32074-BG9
Project Manager: Stephanie Hinds
Sampler: MJP
On Ice: ☑ Yes ☐ No Yogi
# of Coolers: 1
Cooler Temp (including CF): 4.7 +0.8 = 4.5 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	
7/30	3:00	Soil	SP13	4 oz	ice	13	✓	✓					✓				1 SW 846 Paint Filter

Remarks:
CC: M. Peppin
Direct bill Devon

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
7/31/24	900			7/31/24		900
7/31/24	1900			courier	8/1/24	7:30

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Login Sample Receipt Checklist

Client: Devon Energy Corporation Job Number: 885-9037-1

Login Number: 9037 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: Casarrubias, Tracy

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	IDs on containers do not match the COC. Logged in per COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	True	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Jim Raley
Devon Energy Corporation
6488 Seven Rivers Hwy
Artesia, New Mexico 88210

Generated 8/8/2024 3:59:32 PM

JOB DESCRIPTION

Campana 2M St#001

JOB NUMBER

885-9087-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Released to Imaging: 2/14/2025 3:42:00 PM

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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Authorized for release by
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(505)345-3975

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Laboratory Job ID: 885-9087-1

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Definitions/Glossary

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Devon Energy Corporation
Project: Campana 2M St#001

Job ID: 885-9087-1

Job ID: 885-9087-1 Eurofins Albuquerque

Job Narrative
885-9087-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 8/2/2024 7:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.8°C.

Receipt Exceptions
Samples 30-35 have different times on labels than the COC. Client contacted and istructed lab to gowith COC times.

L39 4' (885-9087-1), L42 4' (885-9087-2), L43 0-4' (885-9087-3), L48 4' (885-9087-4), L49 4' (885-9087-5), L59 0-4' (885-9087-6), L62 4' (885-9087-7), L63 0-4' (885-9087-8), L64 4' (885-9087-9), L65 0-4' (885-9087-10), L66 0-4' (885-9087-11), L68 0-4' (885-9087-12), L70 0-4' (885-9087-13), L71 4' (885-9087-14), L72 0-4' (885-9087-15), L73 4' (885-9087-16), L74 0-4' (885-9087-17), L75 4' (885-9087-18), L89 4' (885-9087-19), L90 4' (885-9087-20), L91 4' (885-9087-21), L92 4' (885-9087-22), L93 4' (885-9087-23), L94 4' (885-9087-24), L95 4-8' (885-9087-25), L96 4-8' (885-9087-26), L97 4-8' (885-9087-27), L98 4-8' (885-9087-28), L106 4-8' (885-9087-29), L117 4-8' (885-9087-30), L118 4-8' (885-9087-31), L119 8-12' (885-9087-32), L120 8-12' (885-9087-33), L121 8-12' (885-9087-34), L127 8-12' (885-9087-35), L128 8-12' (885-9087-36), L129 8-12' (885-9087-37), L130 8-12' (885-9087-38), L143 12-16' (885-9087-39), L144 16' (885-9087-40), L145 16' (885-9087-41), L146 16' (885-9087-42), L147 16' (885-9087-43), L148 16' (885-9087-44), L149 16' (885-9087-45), L150 16' (885-9087-46), L151 16' (885-9087-47) and L152 16' (885-9087-48)

Gasoline Range Organics
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics
Method 8015D_DRO: The continuing calibration verification (CCV) associated with batch 885-9731 recovered above the upper control limit for C10-C28. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: L39 4' (885-9087-1), L42 4' (885-9087-2), L43 0-4' (885-9087-3), L48 4' (885-9087-4), L49 4' (885-9087-5), L59 0-4' (885-9087-6), L62 4' (885-9087-7), L63 0-4' (885-9087-8), L64 4' (885-9087-9), L65 0-4' (885-9087-10), L66 0-4' (885-9087-11), L68 0-4' (885-9087-12), L70 0-4' (885-9087-13), L71 4' (885-9087-14), L72 0-4' (885-9087-15), L73 4' (885-9087-16), L74 0-4' (885-9087-17), L75 4' (885-9087-18), L89 4' (885-9087-19) and L90 4' (885-9087-20).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L39 4'

Date Collected: 07/29/24 08:10
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-1

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.9		mg/Kg		08/02/24 13:11	08/06/24 00:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*35 - 166*	*08/02/24 13:11*	*08/06/24 00:13*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/02/24 13:11	08/06/24 00:13	1
Ethylbenzene	ND		0.049		mg/Kg		08/02/24 13:11	08/06/24 00:13	1
Toluene	ND		0.049		mg/Kg		08/02/24 13:11	08/06/24 00:13	1
Xylenes, Total	ND		0.098		mg/Kg		08/02/24 13:11	08/06/24 00:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*48 - 145*	*08/02/24 13:11*	*08/06/24 00:13*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.5		mg/Kg		08/05/24 14:13	08/05/24 17:37	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		08/05/24 14:13	08/05/24 17:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*97*		*62 - 134*	*08/05/24 14:13*	*08/05/24 17:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/05/24 14:50	08/05/24 20:43	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L42 4'

Date Collected: 07/29/24 09:05
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-2

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.7		mg/Kg		08/02/24 13:11	08/06/24 01:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*35 - 166*	*08/02/24 13:11*	*08/06/24 01:19*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/02/24 13:11	08/06/24 01:19	1
Ethylbenzene	ND		0.047		mg/Kg		08/02/24 13:11	08/06/24 01:19	1
Toluene	ND		0.047		mg/Kg		08/02/24 13:11	08/06/24 01:19	1
Xylenes, Total	ND		0.094		mg/Kg		08/02/24 13:11	08/06/24 01:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*48 - 145*	*08/02/24 13:11*	*08/06/24 01:19*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.4		mg/Kg		08/05/24 14:13	08/05/24 18:02	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		08/05/24 14:13	08/05/24 18:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*85*		*62 - 134*	*08/05/24 14:13*	*08/05/24 18:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3800**		150		mg/Kg		08/05/24 14:50	08/06/24 12:53	50

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L43 0-4'

Date Collected: 07/29/24 09:10
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-3

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.9		mg/Kg		08/02/24 13:11	08/06/24 02:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*35 - 166*	*08/02/24 13:11*	*08/06/24 02:24*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/02/24 13:11	08/06/24 02:24	1
Ethylbenzene	ND		0.049		mg/Kg		08/02/24 13:11	08/06/24 02:24	1
Toluene	ND		0.049		mg/Kg		08/02/24 13:11	08/06/24 02:24	1
Xylenes, Total	ND		0.098		mg/Kg		08/02/24 13:11	08/06/24 02:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*48 - 145*	*08/02/24 13:11*	*08/06/24 02:24*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.5		mg/Kg		08/05/24 14:13	08/05/24 18:27	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		08/05/24 14:13	08/05/24 18:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*98*		*62 - 134*	*08/05/24 14:13*	*08/05/24 18:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**260**		60		mg/Kg		08/05/24 14:50	08/05/24 21:33	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L48 4'

Date Collected: 07/29/24 09:35
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-4

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.9		mg/Kg		08/02/24 13:11	08/06/24 02:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*35 - 166*	*08/02/24 13:11*	*08/06/24 02:46*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/02/24 13:11	08/06/24 02:46	1
Ethylbenzene	ND		0.049		mg/Kg		08/02/24 13:11	08/06/24 02:46	1
Toluene	ND		0.049		mg/Kg		08/02/24 13:11	08/06/24 02:46	1
Xylenes, Total	ND		0.097		mg/Kg		08/02/24 13:11	08/06/24 02:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*48 - 145*	*08/02/24 13:11*	*08/06/24 02:46*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		10		mg/Kg		08/05/24 14:13	08/05/24 18:52	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/05/24 14:13	08/05/24 18:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*86*		*62 - 134*	*08/05/24 14:13*	*08/05/24 18:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**480**		60		mg/Kg		08/05/24 14:50	08/05/24 22:34	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L49 4'

Date Collected: 07/29/24 09:40
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-5

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.9		mg/Kg		08/02/24 13:11	08/06/24 03:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*35 - 166*	*08/02/24 13:11*	*08/06/24 03:08*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/02/24 13:11	08/06/24 03:08	1
Ethylbenzene	ND		0.049		mg/Kg		08/02/24 13:11	08/06/24 03:08	1
Toluene	ND		0.049		mg/Kg		08/02/24 13:11	08/06/24 03:08	1
Xylenes, Total	ND		0.097		mg/Kg		08/02/24 13:11	08/06/24 03:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*48 - 145*	*08/02/24 13:11*	*08/06/24 03:08*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.8		mg/Kg		08/05/24 14:13	08/05/24 19:17	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/05/24 14:13	08/05/24 19:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*97*		*62 - 134*	*08/05/24 14:13*	*08/05/24 19:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**98**		60		mg/Kg		08/05/24 14:50	08/05/24 22:47	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L59 0-4'

Date Collected: 07/29/24 09:45
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-6

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.9		mg/Kg		08/02/24 13:11	08/06/24 03:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*35 - 166*	*08/02/24 13:11*	*08/06/24 03:29*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/02/24 13:11	08/06/24 03:29	1
Ethylbenzene	ND		0.049		mg/Kg		08/02/24 13:11	08/06/24 03:29	1
Toluene	ND		0.049		mg/Kg		08/02/24 13:11	08/06/24 03:29	1
Xylenes, Total	ND		0.098		mg/Kg		08/02/24 13:11	08/06/24 03:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*48 - 145*	*08/02/24 13:11*	*08/06/24 03:29*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.1		mg/Kg		08/05/24 14:13	08/05/24 19:42	1
Motor Oil Range Organics [C28-C40]	ND		45		mg/Kg		08/05/24 14:13	08/05/24 19:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*98*		*62 - 134*	*08/05/24 14:13*	*08/05/24 19:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**490**		60		mg/Kg		08/05/24 14:50	08/05/24 22:59	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L62 4'

Date Collected: 07/29/24 10:45
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-7

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		5.0		mg/Kg		08/02/24 13:11	08/06/24 03:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*35 - 166*	*08/02/24 13:11*	*08/06/24 03:51*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/02/24 13:11	08/06/24 03:51	1
Ethylbenzene	ND		0.050		mg/Kg		08/02/24 13:11	08/06/24 03:51	1
Toluene	ND		0.050		mg/Kg		08/02/24 13:11	08/06/24 03:51	1
Xylenes, Total	ND		0.10		mg/Kg		08/02/24 13:11	08/06/24 03:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*48 - 145*	*08/02/24 13:11*	*08/06/24 03:51*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.2		mg/Kg		08/05/24 14:13	08/05/24 20:31	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		08/05/24 14:13	08/05/24 20:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*97*		*62 - 134*	*08/05/24 14:13*	*08/05/24 20:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**70**		60		mg/Kg		08/05/24 14:50	08/05/24 23:11	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L63 0-4'

Date Collected: 07/29/24 10:50
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-8

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.6		mg/Kg		08/02/24 13:11	08/06/24 04:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*35 - 166*	*08/02/24 13:11*	*08/06/24 04:13*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		08/02/24 13:11	08/06/24 04:13	1
Ethylbenzene	ND		0.046		mg/Kg		08/02/24 13:11	08/06/24 04:13	1
Toluene	ND		0.046		mg/Kg		08/02/24 13:11	08/06/24 04:13	1
Xylenes, Total	ND		0.093		mg/Kg		08/02/24 13:11	08/06/24 04:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*48 - 145*	*08/02/24 13:11*	*08/06/24 04:13*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.8		mg/Kg		08/05/24 14:13	08/05/24 20:56	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/05/24 14:13	08/05/24 20:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*103*		*62 - 134*	*08/05/24 14:13*	*08/05/24 20:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**160**		60		mg/Kg		08/05/24 14:50	08/05/24 23:24	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L64 4'

Date Collected: 07/29/24 10:55
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-9

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.8		mg/Kg		08/02/24 13:11	08/06/24 04:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*35 - 166*	*08/02/24 13:11*	*08/06/24 04:35*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/02/24 13:11	08/06/24 04:35	1
Ethylbenzene	ND		0.048		mg/Kg		08/02/24 13:11	08/06/24 04:35	1
Toluene	ND		0.048		mg/Kg		08/02/24 13:11	08/06/24 04:35	1
Xylenes, Total	ND		0.096		mg/Kg		08/02/24 13:11	08/06/24 04:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*48 - 145*	*08/02/24 13:11*	*08/06/24 04:35*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		10		mg/Kg		08/05/24 14:13	08/05/24 21:21	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/05/24 14:13	08/05/24 21:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*97*		*62 - 134*	*08/05/24 14:13*	*08/05/24 21:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**97**		60		mg/Kg		08/05/24 14:50	08/05/24 23:36	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L65 0-4'

Date Collected: 07/29/24 11:00
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-10

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.9		mg/Kg		08/02/24 13:11	08/06/24 04:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*35 - 166*	*08/02/24 13:11*	*08/06/24 04:56*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/02/24 13:11	08/06/24 04:56	1
Ethylbenzene	ND		0.049		mg/Kg		08/02/24 13:11	08/06/24 04:56	1
Toluene	ND		0.049		mg/Kg		08/02/24 13:11	08/06/24 04:56	1
Xylenes, Total	ND		0.099		mg/Kg		08/02/24 13:11	08/06/24 04:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*48 - 145*	*08/02/24 13:11*	*08/06/24 04:56*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.3		mg/Kg		08/05/24 14:13	08/05/24 21:46	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		08/05/24 14:13	08/05/24 21:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*100*		*62 - 134*	*08/05/24 14:13*	*08/05/24 21:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3900**		150		mg/Kg		08/05/24 14:50	08/06/24 13:05	50

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L66 0-4'

Date Collected: 07/30/24 07:30
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-11

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		5.0		mg/Kg		08/02/24 13:11	08/06/24 05:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*35 - 166*	*08/02/24 13:11*	*08/06/24 05:40*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/02/24 13:11	08/06/24 05:40	1
Ethylbenzene	ND		0.050		mg/Kg		08/02/24 13:11	08/06/24 05:40	1
Toluene	ND		0.050		mg/Kg		08/02/24 13:11	08/06/24 05:40	1
Xylenes, Total	ND		0.10		mg/Kg		08/02/24 13:11	08/06/24 05:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*48 - 145*	*08/02/24 13:11*	*08/06/24 05:40*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.3		mg/Kg		08/05/24 14:13	08/05/24 22:10	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		08/05/24 14:13	08/05/24 22:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*89*		*62 - 134*	*08/05/24 14:13*	*08/05/24 22:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/05/24 14:50	08/06/24 00:01	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L68 0-4'

Date Collected: 07/30/24 07:40
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-12

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.8		mg/Kg		08/02/24 13:11	08/06/24 06:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*35 - 166*	*08/02/24 13:11*	*08/06/24 06:02*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/02/24 13:11	08/06/24 06:02	1
Ethylbenzene	ND		0.048		mg/Kg		08/02/24 13:11	08/06/24 06:02	1
Toluene	ND		0.048		mg/Kg		08/02/24 13:11	08/06/24 06:02	1
Xylenes, Total	ND		0.096		mg/Kg		08/02/24 13:11	08/06/24 06:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*48 - 145*	*08/02/24 13:11*	*08/06/24 06:02*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.6		mg/Kg		08/05/24 14:13	08/05/24 22:35	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/05/24 14:13	08/05/24 22:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*93*		*62 - 134*	*08/05/24 14:13*	*08/05/24 22:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**72**		60		mg/Kg		08/05/24 14:50	08/06/24 00:38	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L70 0-4'

Date Collected: 07/30/24 07:50
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-13

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.6		mg/Kg		08/02/24 13:11	08/06/24 06:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*35 - 166*	*08/02/24 13:11*	*08/06/24 06:23*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		08/02/24 13:11	08/06/24 06:23	1
Ethylbenzene	ND		0.046		mg/Kg		08/02/24 13:11	08/06/24 06:23	1
Toluene	ND		0.046		mg/Kg		08/02/24 13:11	08/06/24 06:23	1
Xylenes, Total	ND		0.093		mg/Kg		08/02/24 13:11	08/06/24 06:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*48 - 145*	*08/02/24 13:11*	*08/06/24 06:23*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.7		mg/Kg		08/05/24 14:13	08/05/24 23:00	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/05/24 14:13	08/05/24 23:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*93*		*62 - 134*	*08/05/24 14:13*	*08/05/24 23:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/05/24 14:50	08/06/24 00:50	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L71 4'

Date Collected: 07/30/24 07:55
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-14

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.9		mg/Kg		08/02/24 13:11	08/06/24 06:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*35 - 166*	*08/02/24 13:11*	*08/06/24 06:45*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/02/24 13:11	08/06/24 06:45	1
Ethylbenzene	ND		0.049		mg/Kg		08/02/24 13:11	08/06/24 06:45	1
Toluene	ND		0.049		mg/Kg		08/02/24 13:11	08/06/24 06:45	1
Xylenes, Total	ND		0.098		mg/Kg		08/02/24 13:11	08/06/24 06:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*48 - 145*	*08/02/24 13:11*	*08/06/24 06:45*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.8		mg/Kg		08/05/24 14:13	08/05/24 23:24	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/05/24 14:13	08/05/24 23:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*94*		*62 - 134*	*08/05/24 14:13*	*08/05/24 23:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**160**		60		mg/Kg		08/05/24 14:50	08/06/24 01:03	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L72 0-4'

Date Collected: 07/30/24 08:00
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-15

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.9		mg/Kg		08/02/24 13:11	08/06/24 07:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*35 - 166*	*08/02/24 13:11*	*08/06/24 07:07*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/02/24 13:11	08/06/24 07:07	1
Ethylbenzene	ND		0.049		mg/Kg		08/02/24 13:11	08/06/24 07:07	1
Toluene	ND		0.049		mg/Kg		08/02/24 13:11	08/06/24 07:07	1
Xylenes, Total	ND		0.098		mg/Kg		08/02/24 13:11	08/06/24 07:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*48 - 145*	*08/02/24 13:11*	*08/06/24 07:07*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.6		mg/Kg		08/05/24 14:13	08/05/24 23:49	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/05/24 14:13	08/05/24 23:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*95*		*62 - 134*	*08/05/24 14:13*	*08/05/24 23:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/05/24 14:50	08/06/24 01:15	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L73 4'

Date Collected: 07/30/24 08:05
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-16

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		5.0		mg/Kg		08/02/24 13:11	08/06/24 07:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*35 - 166*	*08/02/24 13:11*	*08/06/24 07:29*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/02/24 13:11	08/06/24 07:29	1
Ethylbenzene	ND		0.050		mg/Kg		08/02/24 13:11	08/06/24 07:29	1
Toluene	ND		0.050		mg/Kg		08/02/24 13:11	08/06/24 07:29	1
Xylenes, Total	ND		0.099		mg/Kg		08/02/24 13:11	08/06/24 07:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*48 - 145*	*08/02/24 13:11*	*08/06/24 07:29*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.7		mg/Kg		08/05/24 14:13	08/06/24 00:38	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/05/24 14:13	08/06/24 00:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*90*		*62 - 134*	*08/05/24 14:13*	*08/06/24 00:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**270**		60		mg/Kg		08/05/24 14:50	08/06/24 01:27	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L74 0-4'

Date Collected: 07/30/24 08:10
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-17

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.8		mg/Kg		08/02/24 13:11	08/06/24 07:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*35 - 166*	*08/02/24 13:11*	*08/06/24 07:51*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/02/24 13:11	08/06/24 07:51	1
Ethylbenzene	ND		0.048		mg/Kg		08/02/24 13:11	08/06/24 07:51	1
Toluene	ND		0.048		mg/Kg		08/02/24 13:11	08/06/24 07:51	1
Xylenes, Total	ND		0.095		mg/Kg		08/02/24 13:11	08/06/24 07:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*48 - 145*	*08/02/24 13:11*	*08/06/24 07:51*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.5		mg/Kg		08/05/24 14:13	08/06/24 01:03	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		08/05/24 14:13	08/06/24 01:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*79*		*62 - 134*	*08/05/24 14:13*	*08/06/24 01:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**70**		60		mg/Kg		08/05/24 14:50	08/06/24 01:40	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L75 4'

Date Collected: 07/30/24 08:15
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-18

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.9		mg/Kg		08/02/24 13:11	08/06/24 08:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*35 - 166*	*08/02/24 13:11*	*08/06/24 08:13*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/02/24 13:11	08/06/24 08:13	1
Ethylbenzene	ND		0.049		mg/Kg		08/02/24 13:11	08/06/24 08:13	1
Toluene	ND		0.049		mg/Kg		08/02/24 13:11	08/06/24 08:13	1
Xylenes, Total	ND		0.098		mg/Kg		08/02/24 13:11	08/06/24 08:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*48 - 145*	*08/02/24 13:11*	*08/06/24 08:13*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		10		mg/Kg		08/05/24 14:13	08/06/24 01:28	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/05/24 14:13	08/06/24 01:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*91*		*62 - 134*	*08/05/24 14:13*	*08/06/24 01:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**110**		60		mg/Kg		08/05/24 14:50	08/06/24 01:52	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L89 4'

Date Collected: 07/30/24 09:25
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-19

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		5.0		mg/Kg		08/02/24 13:11	08/06/24 08:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*35 - 166*	*08/02/24 13:11*	*08/06/24 08:34*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/02/24 13:11	08/06/24 08:34	1
Ethylbenzene	ND		0.050		mg/Kg		08/02/24 13:11	08/06/24 08:34	1
Toluene	ND		0.050		mg/Kg		08/02/24 13:11	08/06/24 08:34	1
Xylenes, Total	ND		0.099		mg/Kg		08/02/24 13:11	08/06/24 08:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*48 - 145*	*08/02/24 13:11*	*08/06/24 08:34*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.4		mg/Kg		08/05/24 14:13	08/06/24 01:53	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		08/05/24 14:13	08/06/24 01:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*94*		*62 - 134*	*08/05/24 14:13*	*08/06/24 01:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**600**		60		mg/Kg		08/05/24 14:50	08/06/24 02:04	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L90 4'

Date Collected: 07/30/24 09:30
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-20

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.9		mg/Kg		08/02/24 13:11	08/06/24 08:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*35 - 166*	*08/02/24 13:11*	*08/06/24 08:56*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/02/24 13:11	08/06/24 08:56	1
Ethylbenzene	ND		0.049		mg/Kg		08/02/24 13:11	08/06/24 08:56	1
Toluene	ND		0.049		mg/Kg		08/02/24 13:11	08/06/24 08:56	1
Xylenes, Total	ND		0.099		mg/Kg		08/02/24 13:11	08/06/24 08:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*48 - 145*	*08/02/24 13:11*	*08/06/24 08:56*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.7		mg/Kg		08/05/24 14:13	08/06/24 02:17	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/05/24 14:13	08/06/24 02:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*105*		*62 - 134*	*08/05/24 14:13*	*08/06/24 02:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**290**		60		mg/Kg		08/05/24 14:50	08/06/24 02:17	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L91 4'

Date Collected: 07/30/24 09:35
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-21

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		5.0		mg/Kg		08/02/24 14:00	08/05/24 13:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*35 - 166*	*08/02/24 14:00*	*08/05/24 13:17*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/02/24 14:00	08/05/24 13:17	1
Ethylbenzene	ND		0.050		mg/Kg		08/02/24 14:00	08/05/24 13:17	1
Toluene	ND		0.050		mg/Kg		08/02/24 14:00	08/05/24 13:17	1
Xylenes, Total	ND		0.099		mg/Kg		08/02/24 14:00	08/05/24 13:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*48 - 145*	*08/02/24 14:00*	*08/05/24 13:17*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.5		mg/Kg		08/06/24 09:06	08/06/24 18:25	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/06/24 09:06	08/06/24 18:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*100*		*62 - 134*	*08/06/24 09:06*	*08/06/24 18:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**87**		60		mg/Kg		08/06/24 11:08	08/06/24 15:21	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L92 4'

Date Collected: 07/30/24 09:40
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-22

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		5.0		mg/Kg		08/02/24 14:00	08/05/24 14:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*35 - 166*	*08/02/24 14:00*	*08/05/24 14:23*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/02/24 14:00	08/05/24 14:23	1
Ethylbenzene	ND		0.050		mg/Kg		08/02/24 14:00	08/05/24 14:23	1
Toluene	ND		0.050		mg/Kg		08/02/24 14:00	08/05/24 14:23	1
Xylenes, Total	ND		0.10		mg/Kg		08/02/24 14:00	08/05/24 14:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*48 - 145*	*08/02/24 14:00*	*08/05/24 14:23*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.3		mg/Kg		08/06/24 09:06	08/06/24 18:36	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		08/06/24 09:06	08/06/24 18:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*98*		*62 - 134*	*08/06/24 09:06*	*08/06/24 18:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**92**		60		mg/Kg		08/06/24 11:08	08/06/24 15:33	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L93 4'

Date Collected: 07/30/24 09:45
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-23

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.9		mg/Kg		08/02/24 14:00	08/05/24 15:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*35 - 166*	*08/02/24 14:00*	*08/05/24 15:29*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/02/24 14:00	08/05/24 15:29	1
Ethylbenzene	ND		0.049		mg/Kg		08/02/24 14:00	08/05/24 15:29	1
Toluene	ND		0.049		mg/Kg		08/02/24 14:00	08/05/24 15:29	1
Xylenes, Total	ND		0.098		mg/Kg		08/02/24 14:00	08/05/24 15:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*48 - 145*	*08/02/24 14:00*	*08/05/24 15:29*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.7		mg/Kg		08/06/24 09:06	08/06/24 18:48	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/06/24 09:06	08/06/24 18:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*96*		*62 - 134*	*08/06/24 09:06*	*08/06/24 18:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**98**		60		mg/Kg		08/06/24 11:08	08/06/24 15:46	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L94 4'

Date Collected: 07/30/24 09:50
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-24

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		5.0		mg/Kg		08/02/24 14:00	08/05/24 15:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*35 - 166*	*08/02/24 14:00*	*08/05/24 15:51*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/02/24 14:00	08/05/24 15:51	1
Ethylbenzene	ND		0.050		mg/Kg		08/02/24 14:00	08/05/24 15:51	1
Toluene	ND		0.050		mg/Kg		08/02/24 14:00	08/05/24 15:51	1
Xylenes, Total	ND		0.10		mg/Kg		08/02/24 14:00	08/05/24 15:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*48 - 145*	*08/02/24 14:00*	*08/05/24 15:51*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.3		mg/Kg		08/06/24 09:06	08/06/24 18:59	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		08/06/24 09:06	08/06/24 18:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*101*		*62 - 134*	*08/06/24 09:06*	*08/06/24 18:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/06/24 11:08	08/06/24 15:58	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L95 4-8'

Date Collected: 07/30/24 09:55
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-25

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.7		mg/Kg		08/02/24 14:00	08/05/24 16:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*35 - 166*	*08/02/24 14:00*	*08/05/24 16:13*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		08/02/24 14:00	08/05/24 16:13	1
Ethylbenzene	ND		0.047		mg/Kg		08/02/24 14:00	08/05/24 16:13	1
Toluene	ND		0.047		mg/Kg		08/02/24 14:00	08/05/24 16:13	1
Xylenes, Total	ND		0.094		mg/Kg		08/02/24 14:00	08/05/24 16:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*48 - 145*	*08/02/24 14:00*	*08/05/24 16:13*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.8		mg/Kg		08/06/24 09:06	08/06/24 19:11	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/06/24 09:06	08/06/24 19:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*134*		*62 - 134*	*08/06/24 09:06*	*08/06/24 19:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**130**		60		mg/Kg		08/06/24 11:08	08/06/24 16:35	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L96 4-8'

Date Collected: 07/30/24 10:00
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-26

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.7		mg/Kg		08/02/24 14:00	08/05/24 16:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*35 - 166*	*08/02/24 14:00*	*08/05/24 16:35*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/02/24 14:00	08/05/24 16:35	1
Ethylbenzene	ND		0.047		mg/Kg		08/02/24 14:00	08/05/24 16:35	1
Toluene	ND		0.047		mg/Kg		08/02/24 14:00	08/05/24 16:35	1
Xylenes, Total	ND		0.094		mg/Kg		08/02/24 14:00	08/05/24 16:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*48 - 145*	*08/02/24 14:00*	*08/05/24 16:35*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.1		mg/Kg		08/06/24 09:06	08/06/24 19:22	1
Motor Oil Range Organics [C28-C40]	ND		45		mg/Kg		08/06/24 09:06	08/06/24 19:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*101*		*62 - 134*	*08/06/24 09:06*	*08/06/24 19:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**370**		59		mg/Kg		08/06/24 11:08	08/06/24 16:47	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L97 4-8'

Date Collected: 07/30/24 10:05
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-27

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.8		mg/Kg		08/02/24 14:00	08/05/24 16:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*35 - 166*	*08/02/24 14:00*	*08/05/24 16:56*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/02/24 14:00	08/05/24 16:56	1
Ethylbenzene	ND		0.048		mg/Kg		08/02/24 14:00	08/05/24 16:56	1
Toluene	ND		0.048		mg/Kg		08/02/24 14:00	08/05/24 16:56	1
Xylenes, Total	ND		0.097		mg/Kg		08/02/24 14:00	08/05/24 16:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*48 - 145*	*08/02/24 14:00*	*08/05/24 16:56*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.6		mg/Kg		08/06/24 09:06	08/06/24 19:34	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/06/24 09:06	08/06/24 19:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*100*		*62 - 134*	*08/06/24 09:06*	*08/06/24 19:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**260**		60		mg/Kg		08/06/24 11:08	08/06/24 17:24	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L98 4-8'

Date Collected: 07/30/24 10:10
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-28

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.9		mg/Kg		08/02/24 14:00	08/05/24 17:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*35 - 166*	*08/02/24 14:00*	*08/05/24 17:18*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/02/24 14:00	08/05/24 17:18	1
Ethylbenzene	ND		0.049		mg/Kg		08/02/24 14:00	08/05/24 17:18	1
Toluene	ND		0.049		mg/Kg		08/02/24 14:00	08/05/24 17:18	1
Xylenes, Total	ND		0.099		mg/Kg		08/02/24 14:00	08/05/24 17:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*48 - 145*	*08/02/24 14:00*	*08/05/24 17:18*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.7		mg/Kg		08/06/24 09:06	08/06/24 19:56	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/06/24 09:06	08/06/24 19:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*98*		*62 - 134*	*08/06/24 09:06*	*08/06/24 19:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**140**		60		mg/Kg		08/06/24 11:08	08/06/24 17:37	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L106 4-8'

Date Collected: 07/30/24 10:50
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-29

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.7		mg/Kg		08/02/24 14:00	08/05/24 17:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*35 - 166*	*08/02/24 14:00*	*08/05/24 17:40*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		08/02/24 14:00	08/05/24 17:40	1
Ethylbenzene	ND		0.047		mg/Kg		08/02/24 14:00	08/05/24 17:40	1
Toluene	ND		0.047		mg/Kg		08/02/24 14:00	08/05/24 17:40	1
Xylenes, Total	ND		0.094		mg/Kg		08/02/24 14:00	08/05/24 17:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*48 - 145*	*08/02/24 14:00*	*08/05/24 17:40*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.6		mg/Kg		08/06/24 09:06	08/06/24 20:08	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/06/24 09:06	08/06/24 20:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*99*		*62 - 134*	*08/06/24 09:06*	*08/06/24 20:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**640**		60		mg/Kg		08/06/24 11:08	08/06/24 17:49	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L117 4-8'

Date Collected: 07/30/24 12:10
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-30

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.7		mg/Kg		08/02/24 14:00	08/05/24 18:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*35 - 166*	*08/02/24 14:00*	*08/05/24 18:02*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/02/24 14:00	08/05/24 18:02	1
Ethylbenzene	ND		0.047		mg/Kg		08/02/24 14:00	08/05/24 18:02	1
Toluene	ND		0.047		mg/Kg		08/02/24 14:00	08/05/24 18:02	1
Xylenes, Total	ND		0.095		mg/Kg		08/02/24 14:00	08/05/24 18:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*48 - 145*	*08/02/24 14:00*	*08/05/24 18:02*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		10		mg/Kg		08/06/24 09:06	08/06/24 20:19	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/06/24 09:06	08/06/24 20:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*99*		*62 - 134*	*08/06/24 09:06*	*08/06/24 20:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**480**		60		mg/Kg		08/06/24 11:08	08/06/24 18:02	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L118 4-8'

Date Collected: 07/30/24 12:15
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-31

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		5.0		mg/Kg		08/02/24 14:00	08/05/24 18:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*35 - 166*	*08/02/24 14:00*	*08/05/24 18:46*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/02/24 14:00	08/05/24 18:46	1
Ethylbenzene	ND		0.050		mg/Kg		08/02/24 14:00	08/05/24 18:46	1
Toluene	ND		0.050		mg/Kg		08/02/24 14:00	08/05/24 18:46	1
Xylenes, Total	ND		0.10		mg/Kg		08/02/24 14:00	08/05/24 18:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*48 - 145*	*08/02/24 14:00*	*08/05/24 18:46*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.7		mg/Kg		08/06/24 09:06	08/06/24 20:30	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/06/24 09:06	08/06/24 20:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*92*		*62 - 134*	*08/06/24 09:06*	*08/06/24 20:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**550**		60		mg/Kg		08/06/24 11:08	08/06/24 18:14	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L119 8-12'

Date Collected: 07/30/24 12:20
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-32

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.9		mg/Kg		08/02/24 14:00	08/05/24 19:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*35 - 166*	*08/02/24 14:00*	*08/05/24 19:08*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/02/24 14:00	08/05/24 19:08	1
Ethylbenzene	ND		0.049		mg/Kg		08/02/24 14:00	08/05/24 19:08	1
Toluene	ND		0.049		mg/Kg		08/02/24 14:00	08/05/24 19:08	1
Xylenes, Total	ND		0.099		mg/Kg		08/02/24 14:00	08/05/24 19:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*48 - 145*	*08/02/24 14:00*	*08/05/24 19:08*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.4		mg/Kg		08/06/24 09:06	08/06/24 20:42	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		08/06/24 09:06	08/06/24 20:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*100*		*62 - 134*	*08/06/24 09:06*	*08/06/24 20:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**220**		60		mg/Kg		08/06/24 11:08	08/06/24 18:26	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L120 8-12'

Date Collected: 07/30/24 12:25
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-33

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		5.0		mg/Kg		08/02/24 14:00	08/05/24 19:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*35 - 166*	*08/02/24 14:00*	*08/05/24 19:30*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/02/24 14:00	08/05/24 19:30	1
Ethylbenzene	ND		0.050		mg/Kg		08/02/24 14:00	08/05/24 19:30	1
Toluene	ND		0.050		mg/Kg		08/02/24 14:00	08/05/24 19:30	1
Xylenes, Total	ND		0.099		mg/Kg		08/02/24 14:00	08/05/24 19:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*48 - 145*	*08/02/24 14:00*	*08/05/24 19:30*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.6		mg/Kg		08/06/24 09:06	08/06/24 20:53	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/06/24 09:06	08/06/24 20:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*90*		*62 - 134*	*08/06/24 09:06*	*08/06/24 20:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**530**		60		mg/Kg		08/06/24 11:08	08/06/24 18:39	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L121 8-12'

Date Collected: 07/30/24 12:30
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-34

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.6		mg/Kg		08/02/24 14:00	08/05/24 19:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*35 - 166*	*08/02/24 14:00*	*08/05/24 19:52*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		08/02/24 14:00	08/05/24 19:52	1
Ethylbenzene	ND		0.046		mg/Kg		08/02/24 14:00	08/05/24 19:52	1
Toluene	ND		0.046		mg/Kg		08/02/24 14:00	08/05/24 19:52	1
Xylenes, Total	ND		0.093		mg/Kg		08/02/24 14:00	08/05/24 19:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*48 - 145*	*08/02/24 14:00*	*08/05/24 19:52*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.7		mg/Kg		08/06/24 09:06	08/06/24 21:04	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/06/24 09:06	08/06/24 21:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*104*		*62 - 134*	*08/06/24 09:06*	*08/06/24 21:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**460**		60		mg/Kg		08/06/24 11:08	08/06/24 18:51	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L127 8-12'

Date Collected: 07/30/24 12:35
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-35

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.7		mg/Kg		08/02/24 14:00	08/05/24 20:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*35 - 166*	*08/02/24 14:00*	*08/05/24 20:14*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/02/24 14:00	08/05/24 20:14	1
Ethylbenzene	ND		0.047		mg/Kg		08/02/24 14:00	08/05/24 20:14	1
Toluene	ND		0.047		mg/Kg		08/02/24 14:00	08/05/24 20:14	1
Xylenes, Total	ND		0.094		mg/Kg		08/02/24 14:00	08/05/24 20:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*48 - 145*	*08/02/24 14:00*	*08/05/24 20:14*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.4		mg/Kg		08/06/24 09:06	08/06/24 21:16	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		08/06/24 09:06	08/06/24 21:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*85*		*62 - 134*	*08/06/24 09:06*	*08/06/24 21:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**260**		60		mg/Kg		08/06/24 11:08	08/06/24 19:53	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L128 8-12'

Lab Sample ID: 885-9087-36

Date Collected: 07/30/24 12:40

Matrix: Solid

Date Received: 08/02/24 07:30

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.6		mg/Kg		08/02/24 14:00	08/05/24 20:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*35 - 166*	*08/02/24 14:00*	*08/05/24 20:35*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		08/02/24 14:00	08/05/24 20:35	1
Ethylbenzene	ND		0.046		mg/Kg		08/02/24 14:00	08/05/24 20:35	1
Toluene	ND		0.046		mg/Kg		08/02/24 14:00	08/05/24 20:35	1
Xylenes, Total	ND		0.092		mg/Kg		08/02/24 14:00	08/05/24 20:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*48 - 145*	*08/02/24 14:00*	*08/05/24 20:35*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.0		mg/Kg		08/06/24 09:06	08/06/24 21:27	1
Motor Oil Range Organics [C28-C40]	ND		45		mg/Kg		08/06/24 09:06	08/06/24 21:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*87*		*62 - 134*	*08/06/24 09:06*	*08/06/24 21:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**160**		60		mg/Kg		08/06/24 11:08	08/06/24 20:05	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L129 8-12'

Date Collected: 07/30/24 12:45
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-37

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.8		mg/Kg		08/02/24 14:00	08/05/24 20:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*35 - 166*	*08/02/24 14:00*	*08/05/24 20:57*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/02/24 14:00	08/05/24 20:57	1
Ethylbenzene	ND		0.048		mg/Kg		08/02/24 14:00	08/05/24 20:57	1
Toluene	ND		0.048		mg/Kg		08/02/24 14:00	08/05/24 20:57	1
Xylenes, Total	ND		0.096		mg/Kg		08/02/24 14:00	08/05/24 20:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*48 - 145*	*08/02/24 14:00*	*08/05/24 20:57*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.5		mg/Kg		08/06/24 09:06	08/06/24 21:38	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		08/06/24 09:06	08/06/24 21:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*92*		*62 - 134*	*08/06/24 09:06*	*08/06/24 21:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**66**		60		mg/Kg		08/06/24 11:08	08/06/24 20:17	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L130 8-12'

Date Collected: 07/30/24 12:50
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-38

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.6		mg/Kg		08/02/24 14:00	08/05/24 21:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*35 - 166*	*08/02/24 14:00*	*08/05/24 21:19*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		08/02/24 14:00	08/05/24 21:19	1
Ethylbenzene	ND		0.046		mg/Kg		08/02/24 14:00	08/05/24 21:19	1
Toluene	ND		0.046		mg/Kg		08/02/24 14:00	08/05/24 21:19	1
Xylenes, Total	ND		0.092		mg/Kg		08/02/24 14:00	08/05/24 21:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*48 - 145*	*08/02/24 14:00*	*08/05/24 21:19*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.9		mg/Kg		08/06/24 09:06	08/06/24 21:49	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/06/24 09:06	08/06/24 21:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*86*		*62 - 134*	*08/06/24 09:06*	*08/06/24 21:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**590**		60		mg/Kg		08/06/24 11:08	08/06/24 20:30	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L143 12-16'

Date Collected: 07/30/24 13:55
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-39

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.8		mg/Kg		08/02/24 14:00	08/05/24 21:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*35 - 166*	*08/02/24 14:00*	*08/05/24 21:41*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/02/24 14:00	08/05/24 21:41	1
Ethylbenzene	ND		0.048		mg/Kg		08/02/24 14:00	08/05/24 21:41	1
Toluene	ND		0.048		mg/Kg		08/02/24 14:00	08/05/24 21:41	1
Xylenes, Total	ND		0.096		mg/Kg		08/02/24 14:00	08/05/24 21:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*48 - 145*	*08/02/24 14:00*	*08/05/24 21:41*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.8		mg/Kg		08/06/24 09:06	08/06/24 22:01	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/06/24 09:06	08/06/24 22:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*84*		*62 - 134*	*08/06/24 09:06*	*08/06/24 22:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**310**		60		mg/Kg		08/06/24 11:08	08/06/24 20:42	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L144 16'

Date Collected: 07/30/24 14:00
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-40

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.7		mg/Kg		08/02/24 14:00	08/05/24 22:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*35 - 166*	*08/02/24 14:00*	*08/05/24 22:03*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		08/02/24 14:00	08/05/24 22:03	1
Ethylbenzene	ND		0.047		mg/Kg		08/02/24 14:00	08/05/24 22:03	1
Toluene	ND		0.047		mg/Kg		08/02/24 14:00	08/05/24 22:03	1
Xylenes, Total	ND		0.094		mg/Kg		08/02/24 14:00	08/05/24 22:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*48 - 145*	*08/02/24 14:00*	*08/05/24 22:03*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.6		mg/Kg		08/06/24 09:06	08/06/24 22:12	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/06/24 09:06	08/06/24 22:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*89*		*62 - 134*	*08/06/24 09:06*	*08/06/24 22:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**420**		60		mg/Kg		08/06/24 11:08	08/06/24 20:54	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L145 16'

Date Collected: 07/30/24 14:05
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-41

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.9		mg/Kg		08/05/24 15:05	08/08/24 04:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*35 - 166*	*08/05/24 15:05*	*08/08/24 04:13*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/05/24 15:05	08/08/24 04:13	1
Ethylbenzene	ND		0.049		mg/Kg		08/05/24 15:05	08/08/24 04:13	1
Toluene	ND		0.049		mg/Kg		08/05/24 15:05	08/08/24 04:13	1
Xylenes, Total	ND		0.099		mg/Kg		08/05/24 15:05	08/08/24 04:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*48 - 145*	*08/05/24 15:05*	*08/08/24 04:13*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.7		mg/Kg		08/06/24 11:25	08/06/24 23:19	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/06/24 11:25	08/06/24 23:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*93*		*62 - 134*	*08/06/24 11:25*	*08/06/24 23:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**250**		60		mg/Kg		08/06/24 13:23	08/06/24 22:46	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L146 16'

Date Collected: 07/30/24 14:10
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-42

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.8		mg/Kg		08/05/24 15:05	08/08/24 05:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*35 - 166*	*08/05/24 15:05*	*08/08/24 05:24*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/05/24 15:05	08/08/24 05:24	1
Ethylbenzene	ND		0.048		mg/Kg		08/05/24 15:05	08/08/24 05:24	1
Toluene	ND		0.048		mg/Kg		08/05/24 15:05	08/08/24 05:24	1
Xylenes, Total	ND		0.097		mg/Kg		08/05/24 15:05	08/08/24 05:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*48 - 145*	*08/05/24 15:05*	*08/08/24 05:24*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.5		mg/Kg		08/06/24 11:25	08/06/24 23:30	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		08/06/24 11:25	08/06/24 23:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*96*		*62 - 134*	*08/06/24 11:25*	*08/06/24 23:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**760**		60		mg/Kg		08/06/24 13:23	08/06/24 22:58	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L147 16'

Date Collected: 07/30/24 14:15
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-43

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.8		mg/Kg		08/05/24 15:05	08/08/24 06:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*35 - 166*	*08/05/24 15:05*	*08/08/24 06:34*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/05/24 15:05	08/08/24 06:34	1
Ethylbenzene	ND		0.048		mg/Kg		08/05/24 15:05	08/08/24 06:34	1
Toluene	ND		0.048		mg/Kg		08/05/24 15:05	08/08/24 06:34	1
Xylenes, Total	ND		0.096		mg/Kg		08/05/24 15:05	08/08/24 06:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*48 - 145*	*08/05/24 15:05*	*08/08/24 06:34*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.3		mg/Kg		08/06/24 11:25	08/06/24 23:41	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		08/06/24 11:25	08/06/24 23:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*91*		*62 - 134*	*08/06/24 11:25*	*08/06/24 23:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**220**		60		mg/Kg		08/06/24 13:23	08/06/24 23:10	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L148 16'

Date Collected: 07/30/24 14:20
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-44

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		5.0		mg/Kg		08/05/24 15:05	08/08/24 06:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*35 - 166*	*08/05/24 15:05*	*08/08/24 06:57*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/05/24 15:05	08/08/24 06:57	1
Ethylbenzene	ND		0.050		mg/Kg		08/05/24 15:05	08/08/24 06:57	1
Toluene	ND		0.050		mg/Kg		08/05/24 15:05	08/08/24 06:57	1
Xylenes, Total	ND		0.099		mg/Kg		08/05/24 15:05	08/08/24 06:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*48 - 145*	*08/05/24 15:05*	*08/08/24 06:57*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.9		mg/Kg		08/06/24 11:25	08/06/24 23:52	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/06/24 11:25	08/06/24 23:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*89*		*62 - 134*	*08/06/24 11:25*	*08/06/24 23:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**520**		60		mg/Kg		08/06/24 13:23	08/06/24 23:23	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L149 16'

Date Collected: 07/30/24 14:25
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-45

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.6		mg/Kg		08/05/24 15:05	08/08/24 07:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*35 - 166*	*08/05/24 15:05*	*08/08/24 07:21*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		08/05/24 15:05	08/08/24 07:21	1
Ethylbenzene	ND		0.046		mg/Kg		08/05/24 15:05	08/08/24 07:21	1
Toluene	ND		0.046		mg/Kg		08/05/24 15:05	08/08/24 07:21	1
Xylenes, Total	ND		0.093		mg/Kg		08/05/24 15:05	08/08/24 07:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*48 - 145*	*08/05/24 15:05*	*08/08/24 07:21*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.0		mg/Kg		08/06/24 11:25	08/07/24 00:04	1
Motor Oil Range Organics [C28-C40]	ND		45		mg/Kg		08/06/24 11:25	08/07/24 00:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*94*		*62 - 134*	*08/06/24 11:25*	*08/07/24 00:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**130**		60		mg/Kg		08/06/24 13:23	08/06/24 23:35	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L150 16'

Date Collected: 07/30/24 14:30
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-46

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.9		mg/Kg		08/05/24 15:05	08/08/24 07:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*35 - 166*	*08/05/24 15:05*	*08/08/24 07:44*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/05/24 15:05	08/08/24 07:44	1
Ethylbenzene	ND		0.049		mg/Kg		08/05/24 15:05	08/08/24 07:44	1
Toluene	ND		0.049		mg/Kg		08/05/24 15:05	08/08/24 07:44	1
Xylenes, Total	ND		0.098		mg/Kg		08/05/24 15:05	08/08/24 07:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*48 - 145*	*08/05/24 15:05*	*08/08/24 07:44*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.6		mg/Kg		08/06/24 11:25	08/07/24 00:15	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/06/24 11:25	08/07/24 00:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*93*		*62 - 134*	*08/06/24 11:25*	*08/07/24 00:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**640**		60		mg/Kg		08/06/24 13:23	08/06/24 23:47	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L151 16'

Date Collected: 07/30/24 14:35
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-47

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.7		mg/Kg		08/05/24 15:05	08/08/24 08:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*35 - 166*	*08/05/24 15:05*	*08/08/24 08:08*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		08/05/24 15:05	08/08/24 08:08	1
Ethylbenzene	ND		0.047		mg/Kg		08/05/24 15:05	08/08/24 08:08	1
Toluene	ND		0.047		mg/Kg		08/05/24 15:05	08/08/24 08:08	1
Xylenes, Total	ND		0.093		mg/Kg		08/05/24 15:05	08/08/24 08:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*48 - 145*	*08/05/24 15:05*	*08/08/24 08:08*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.7		mg/Kg		08/06/24 11:25	08/07/24 00:26	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/06/24 11:25	08/07/24 00:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*96*		*62 - 134*	*08/06/24 11:25*	*08/07/24 00:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**280**		60		mg/Kg		08/06/24 13:23	08/07/24 00:49	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L152 16'

Date Collected: 07/30/24 14:40
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-48

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.7		mg/Kg		08/05/24 15:05	08/08/24 08:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*35 - 166*	*08/05/24 15:05*	*08/08/24 08:31*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/05/24 15:05	08/08/24 08:31	1
Ethylbenzene	ND		0.047		mg/Kg		08/05/24 15:05	08/08/24 08:31	1
Toluene	ND		0.047		mg/Kg		08/05/24 15:05	08/08/24 08:31	1
Xylenes, Total	ND		0.095		mg/Kg		08/05/24 15:05	08/08/24 08:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*48 - 145*	*08/05/24 15:05*	*08/08/24 08:31*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.3		mg/Kg		08/06/24 11:25	08/07/24 00:37	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		08/06/24 11:25	08/07/24 00:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*98*		*62 - 134*	*08/06/24 11:25*	*08/07/24 00:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**340**		60		mg/Kg		08/06/24 13:23	08/07/24 01:01	20

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-9675/1-A
Matrix: Solid
Analysis Batch: 9790

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9675

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		5.0		mg/Kg		08/02/24 13:11	08/05/24 23:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*35 - 166*	*08/02/24 13:11*	*08/05/24 23:52*	*1*

Lab Sample ID: LCS 885-9675/2-A
Matrix: Solid
Analysis Batch: 9790

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9675

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
C6-C10			25.0	24.8		mg/Kg		99	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*207*		*35 - 166*

Lab Sample ID: 885-9087-1 MS
Matrix: Solid
Analysis Batch: 9790

Client Sample ID: L39 4'
Prep Type: Total/NA
Prep Batch: 9675

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
C6-C10	ND		24.2	21.9		mg/Kg		91	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*213*		*35 - 166*

Lab Sample ID: 885-9087-1 MSD
Matrix: Solid
Analysis Batch: 9790

Client Sample ID: L39 4'
Prep Type: Total/NA
Prep Batch: 9675

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C6-C10	ND		24.4	21.1		mg/Kg		87	70 - 130	4	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*205*		*35 - 166*

Lab Sample ID: MB 885-9677/1-A
Matrix: Solid
Analysis Batch: 9791

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9677

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		5.0		mg/Kg		08/02/24 14:00	08/05/24 12:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*35 - 166*	*08/02/24 14:00*	*08/05/24 12:55*	*1*

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC) (Continued)

Lab Sample ID: LCS 885-9677/2-A
Matrix: Solid
Analysis Batch: 9791

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9677

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
C6-C10			25.0	23.2		mg/Kg		93	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*209*		*35 - 166*

Lab Sample ID: 885-9087-21 MS
Matrix: Solid
Analysis Batch: 9791

Client Sample ID: L91 4'
Prep Type: Total/NA
Prep Batch: 9677

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
C6-C10	ND		24.7	24.8		mg/Kg		100	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*212*		*35 - 166*

Lab Sample ID: 885-9087-21 MSD
Matrix: Solid
Analysis Batch: 9791

Client Sample ID: L91 4'
Prep Type: Total/NA
Prep Batch: 9677

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C6-C10	ND		24.7	26.5		mg/Kg		108	70 - 130	7	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*219*		*35 - 166*

Lab Sample ID: MB 885-9752/1-A
Matrix: Solid
Analysis Batch: 9890

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9752

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		5.0		mg/Kg		08/05/24 15:05	08/08/24 03:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*35 - 166*	*08/05/24 15:05*	*08/08/24 03:50*	*1*

Lab Sample ID: LCS 885-9752/2-A
Matrix: Solid
Analysis Batch: 9890

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9752

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
C6-C10			25.0	23.4		mg/Kg		94	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*209*		*35 - 166*

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC) (Continued)

Lab Sample ID: 885-9087-41 MS
Matrix: Solid
Analysis Batch: 9890

Client Sample ID: L145 16'
Prep Type: Total/NA
Prep Batch: 9752

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
C6-C10	ND		24.7	25.1		mg/Kg		102	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*217*		*35 - 166*

Lab Sample ID: 885-9087-41 MSD
Matrix: Solid
Analysis Batch: 9890

Client Sample ID: L145 16'
Prep Type: Total/NA
Prep Batch: 9752

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C6-C10	ND		24.7	23.9		mg/Kg		97	70 - 130	5	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*213*		*35 - 166*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-9675/1-A
Matrix: Solid
Analysis Batch: 9792

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9675

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/02/24 13:11	08/05/24 23:52	1
Ethylbenzene	ND		0.050		mg/Kg		08/02/24 13:11	08/05/24 23:52	1
Toluene	ND		0.050		mg/Kg		08/02/24 13:11	08/05/24 23:52	1
Xylenes, Total	ND		0.10		mg/Kg		08/02/24 13:11	08/05/24 23:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*48 - 145*	*08/02/24 13:11*	*08/05/24 23:52*	*1*

Lab Sample ID: LCS 885-9675/3-A
Matrix: Solid
Analysis Batch: 9792

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9675

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene			1.00	0.870		mg/Kg		87	70 - 130
Ethylbenzene			1.00	0.835		mg/Kg		84	70 - 130
Toluene			1.00	0.844		mg/Kg		84	70 - 130
m,p-Xylene			2.00	1.65		mg/Kg		83	70 - 130
o-Xylene			1.00	0.818		mg/Kg		82	70 - 130
Xylenes, Total			3.00	2.47		mg/Kg		82	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*85*		*48 - 145*

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 885-9087-2 MS
Matrix: Solid
Analysis Batch: 9792

Client Sample ID: L42 4'
Prep Type: Total/NA
Prep Batch: 9675

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.944	0.843		mg/Kg		89	70 - 130
Ethylbenzene	ND		0.944	0.843		mg/Kg		89	70 - 130
Toluene	ND		0.944	0.842		mg/Kg		89	70 - 130
m,p-Xylene	ND		1.89	1.66		mg/Kg		88	70 - 130
o-Xylene	ND		0.944	0.818		mg/Kg		87	70 - 130
Xylenes, Total	ND		2.83	2.48		mg/Kg		88	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*87*		*48 - 145*

Lab Sample ID: 885-9087-2 MSD
Matrix: Solid
Analysis Batch: 9792

Client Sample ID: L42 4'
Prep Type: Total/NA
Prep Batch: 9675

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.935	0.840		mg/Kg		90	70 - 130	0	20
Ethylbenzene	ND		0.935	0.829		mg/Kg		89	70 - 130	2	20
Toluene	ND		0.935	0.833		mg/Kg		89	70 - 130	1	20
m,p-Xylene	ND		1.87	1.63		mg/Kg		87	70 - 130	2	20
o-Xylene	ND		0.935	0.804		mg/Kg		86	70 - 130	2	20
Xylenes, Total	ND		2.81	2.44		mg/Kg		87	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*85*		*48 - 145*

Lab Sample ID: MB 885-9677/1-A
Matrix: Solid
Analysis Batch: 9793

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9677

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/02/24 14:00	08/05/24 12:55	1
Ethylbenzene	ND		0.050		mg/Kg		08/02/24 14:00	08/05/24 12:55	1
Toluene	ND		0.050		mg/Kg		08/02/24 14:00	08/05/24 12:55	1
Xylenes, Total	ND		0.10		mg/Kg		08/02/24 14:00	08/05/24 12:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*48 - 145*	*08/02/24 14:00*	*08/05/24 12:55*	*1*

Lab Sample ID: LCS 885-9677/3-A
Matrix: Solid
Analysis Batch: 9793

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9677

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene			1.00	0.859		mg/Kg		86	70 - 130
Ethylbenzene			1.00	0.870		mg/Kg		87	70 - 130
Toluene			1.00	0.861		mg/Kg		86	70 - 130
m,p-Xylene			2.00	1.72		mg/Kg		86	70 - 130
o-Xylene			1.00	0.860		mg/Kg		86	70 - 130

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 885-9677/3-A
Matrix: Solid
Analysis Batch: 9793

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9677

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Xylenes, Total			3.00	2.58		mg/Kg		86	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*87*		*48 - 145*

Lab Sample ID: 885-9087-22 MS
Matrix: Solid
Analysis Batch: 9793

Client Sample ID: L92 4'
Prep Type: Total/NA
Prep Batch: 9677

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	ND		0.991	0.859		mg/Kg		87	70 - 130		
Ethylbenzene	ND		0.991	0.871		mg/Kg		88	70 - 130		
Toluene	ND		0.991	0.869		mg/Kg		88	70 - 130		
m,p-Xylene	ND		1.98	1.73		mg/Kg		87	70 - 130		
o-Xylene	ND		0.991	0.846		mg/Kg		85	70 - 130		
Xylenes, Total	ND		2.97	2.57		mg/Kg		86	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*86*		*48 - 145*

Lab Sample ID: 885-9087-22 MSD
Matrix: Solid
Analysis Batch: 9793

Client Sample ID: L92 4'
Prep Type: Total/NA
Prep Batch: 9677

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.989	0.864		mg/Kg		87	70 - 130	1	20
Ethylbenzene	ND		0.989	0.875		mg/Kg		89	70 - 130	1	20
Toluene	ND		0.989	0.873		mg/Kg		88	70 - 130	0	20
m,p-Xylene	ND		1.98	1.73		mg/Kg		87	70 - 130	0	20
o-Xylene	ND		0.989	0.858		mg/Kg		87	70 - 130	1	20
Xylenes, Total	ND		2.97	2.59		mg/Kg		87	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*86*		*48 - 145*

Lab Sample ID: MB 885-9752/1-A
Matrix: Solid
Analysis Batch: 9891

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9752

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/05/24 15:05	08/08/24 03:50	1
Ethylbenzene	ND		0.050		mg/Kg		08/05/24 15:05	08/08/24 03:50	1
Toluene	ND		0.050		mg/Kg		08/05/24 15:05	08/08/24 03:50	1
Xylenes, Total	ND		0.10		mg/Kg		08/05/24 15:05	08/08/24 03:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*48 - 145*	*08/05/24 15:05*	*08/08/24 03:50*	*1*

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 885-9752/3-A
Matrix: Solid
Analysis Batch: 9891

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9752

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	0.936		mg/Kg		94	70 - 130		
Ethylbenzene			1.00	0.853		mg/Kg		85	70 - 130		
Toluene			1.00	0.877		mg/Kg		88	70 - 130		
m,p-Xylene			2.00	1.70		mg/Kg		85	70 - 130		
o-Xylene			1.00	0.826		mg/Kg		83	70 - 130		
Xylenes, Total			3.00	2.53		mg/Kg		84	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*48 - 145*

Lab Sample ID: 885-9087-42 MS
Matrix: Solid
Analysis Batch: 9891

Client Sample ID: L146 16'
Prep Type: Total/NA
Prep Batch: 9752

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	ND		0.963	0.840		mg/Kg		87	70 - 130		
Ethylbenzene	ND		0.963	0.784		mg/Kg		81	70 - 130		
Toluene	ND		0.963	0.792		mg/Kg		81	70 - 130		
m,p-Xylene	ND		1.93	1.57		mg/Kg		80	70 - 130		
o-Xylene	ND		0.963	0.763		mg/Kg		79	70 - 130		
Xylenes, Total	ND		2.89	2.33		mg/Kg		80	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*89*		*48 - 145*

Lab Sample ID: 885-9087-42 MSD
Matrix: Solid
Analysis Batch: 9891

Client Sample ID: L146 16'
Prep Type: Total/NA
Prep Batch: 9752

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.970	0.840		mg/Kg		87	70 - 130	0	20
Ethylbenzene	ND		0.970	0.767		mg/Kg		79	70 - 130	2	20
Toluene	ND		0.970	0.800		mg/Kg		81	70 - 130	1	20
m,p-Xylene	ND		1.94	1.56		mg/Kg		79	70 - 130	0	20
o-Xylene	ND		0.970	0.753		mg/Kg		78	70 - 130	1	20
Xylenes, Total	ND		2.91	2.32		mg/Kg		79	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*89*		*48 - 145*

Method: 8015M/D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-9748/1-A
Matrix: Solid
Analysis Batch: 9731

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9748

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		10		mg/Kg		08/05/24 14:13	08/05/24 16:48	1

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Method: 8015M/D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 885-9748/1-A
Matrix: Solid
Analysis Batch: 9731

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9748

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/05/24 14:13	08/05/24 16:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*97*		*62 - 134*	*08/05/24 14:13*	*08/05/24 16:48*	*1*

Lab Sample ID: LCS 885-9748/2-A
Matrix: Solid
Analysis Batch: 9731

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9748

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			50.0	52.6		mg/Kg		105	60 - 135		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*91*		*62 - 134*

Lab Sample ID: 885-9087-20 MS
Matrix: Solid
Analysis Batch: 9731

Client Sample ID: L90 4'
Prep Type: Total/NA
Prep Batch: 9748

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28	ND		47.5	54.4		mg/Kg		114	44 - 136		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*96*		*62 - 134*

Lab Sample ID: 885-9087-20 MSD
Matrix: Solid
Analysis Batch: 9731

Client Sample ID: L90 4'
Prep Type: Total/NA
Prep Batch: 9748

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28	ND		49.3	58.0		mg/Kg		118	44 - 136	6	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*100*		*62 - 134*

Lab Sample ID: MB 885-9781/1-A
Matrix: Solid
Analysis Batch: 9807

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9781

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		10		mg/Kg		08/06/24 09:06	08/06/24 18:02	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/06/24 09:06	08/06/24 18:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*95*		*62 - 134*	*08/06/24 09:06*	*08/06/24 18:02*	*1*

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Method: 8015M/D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 885-9781/2-A
Matrix: Solid
Analysis Batch: 9807

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9781

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			50.0	50.7		mg/Kg		101	60 - 135		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*100*		*62 - 134*

Lab Sample ID: 885-9087-40 MS
Matrix: Solid
Analysis Batch: 9807

Client Sample ID: L144 16'
Prep Type: Total/NA
Prep Batch: 9781

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28	ND		46.3	46.0		mg/Kg		99	44 - 136		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*102*		*62 - 134*

Lab Sample ID: 885-9087-40 MSD
Matrix: Solid
Analysis Batch: 9807

Client Sample ID: L144 16'
Prep Type: Total/NA
Prep Batch: 9781

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28	ND		48.4	43.6		mg/Kg		90	44 - 136	5	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*98*		*62 - 134*

Lab Sample ID: MB 885-9805/1-A
Matrix: Solid
Analysis Batch: 9807

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9805

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		10		mg/Kg		08/06/24 11:25	08/06/24 22:57	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/06/24 11:25	08/06/24 22:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*90*		*62 - 134*	*08/06/24 11:25*	*08/06/24 22:57*	*1*

Lab Sample ID: LCS 885-9805/2-A
Matrix: Solid
Analysis Batch: 9807

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9805

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			50.0	43.7		mg/Kg		87	60 - 135		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*86*		*62 - 134*

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-9750/1-A
Matrix: Solid
Analysis Batch: 9777

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9750

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.5		mg/Kg		08/05/24 14:50	08/05/24 20:18	1

Lab Sample ID: LCS 885-9750/2-A
Matrix: Solid
Analysis Batch: 9777

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9750

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			15.0	14.1		mg/Kg		94	90 - 110		

Lab Sample ID: MB 885-9801/1-A
Matrix: Solid
Analysis Batch: 9896

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9801

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0		mg/Kg		08/06/24 11:08	08/06/24 14:56	1

Lab Sample ID: LCS 885-9801/2-A
Matrix: Solid
Analysis Batch: 9896

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9801

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			30.0	28.5		mg/Kg		95	90 - 110		

Lab Sample ID: 885-9087-34 MS
Matrix: Solid
Analysis Batch: 9896

Client Sample ID: L121 8-12'
Prep Type: Total/NA
Prep Batch: 9801

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	460		29.7	484	4	mg/Kg		93	50 - 150		

Lab Sample ID: 885-9087-34 MSD
Matrix: Solid
Analysis Batch: 9896

Client Sample ID: L121 8-12'
Prep Type: Total/NA
Prep Batch: 9801

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	460		30.1	477	4	mg/Kg		69	50 - 150	1	20

Lab Sample ID: MB 885-9811/1-A
Matrix: Solid
Analysis Batch: 9896

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9811

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.5		mg/Kg		08/06/24 13:23	08/06/24 22:21	1

Lab Sample ID: LCS 885-9811/2-A
Matrix: Solid
Analysis Batch: 9896

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9811

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			15.0	14.2		mg/Kg		95	90 - 110		

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 885-9087-46 MS
Matrix: Solid
Analysis Batch: 9896

Client Sample ID: L150 16'
Prep Type: Total/NA
Prep Batch: 9811

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	640		30.0	677	4	mg/Kg		107	50 - 150

Lab Sample ID: 885-9087-46 MSD
Matrix: Solid
Analysis Batch: 9896

Client Sample ID: L150 16'
Prep Type: Total/NA
Prep Batch: 9811

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	640		30.0	684	4	mg/Kg		132	50 - 150	1	20

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

GC VOA

Prep Batch: 9675

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9087-1	L39 4'	Total/NA	Solid	5030C	
885-9087-2	L42 4'	Total/NA	Solid	5030C	
885-9087-3	L43 0-4'	Total/NA	Solid	5030C	
885-9087-4	L48 4'	Total/NA	Solid	5030C	
885-9087-5	L49 4'	Total/NA	Solid	5030C	
885-9087-6	L59 0-4'	Total/NA	Solid	5030C	
885-9087-7	L62 4'	Total/NA	Solid	5030C	
885-9087-8	L63 0-4'	Total/NA	Solid	5030C	
885-9087-9	L64 4'	Total/NA	Solid	5030C	
885-9087-10	L65 0-4'	Total/NA	Solid	5030C	
885-9087-11	L66 0-4'	Total/NA	Solid	5030C	
885-9087-12	L68 0-4'	Total/NA	Solid	5030C	
885-9087-13	L70 0-4'	Total/NA	Solid	5030C	
885-9087-14	L71 4'	Total/NA	Solid	5030C	
885-9087-15	L72 0-4'	Total/NA	Solid	5030C	
885-9087-16	L73 4'	Total/NA	Solid	5030C	
885-9087-17	L74 0-4'	Total/NA	Solid	5030C	
885-9087-18	L75 4'	Total/NA	Solid	5030C	
885-9087-19	L89 4'	Total/NA	Solid	5030C	
885-9087-20	L90 4'	Total/NA	Solid	5030C	
MB 885-9675/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-9675/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-9675/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-9087-1 MS	L39 4'	Total/NA	Solid	5030C	
885-9087-1 MSD	L39 4'	Total/NA	Solid	5030C	
885-9087-2 MS	L42 4'	Total/NA	Solid	5030C	
885-9087-2 MSD	L42 4'	Total/NA	Solid	5030C	

Prep Batch: 9677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9087-21	L91 4'	Total/NA	Solid	5030C	
885-9087-22	L92 4'	Total/NA	Solid	5030C	
885-9087-23	L93 4'	Total/NA	Solid	5030C	
885-9087-24	L94 4'	Total/NA	Solid	5030C	
885-9087-25	L95 4-8'	Total/NA	Solid	5030C	
885-9087-26	L96 4-8'	Total/NA	Solid	5030C	
885-9087-27	L97 4-8'	Total/NA	Solid	5030C	
885-9087-28	L98 4-8'	Total/NA	Solid	5030C	
885-9087-29	L106 4-8'	Total/NA	Solid	5030C	
885-9087-30	L117 4-8'	Total/NA	Solid	5030C	
885-9087-31	L118 4-8'	Total/NA	Solid	5030C	
885-9087-32	L119 8-12'	Total/NA	Solid	5030C	
885-9087-33	L120 8-12'	Total/NA	Solid	5030C	
885-9087-34	L121 8-12'	Total/NA	Solid	5030C	
885-9087-35	L127 8-12'	Total/NA	Solid	5030C	
885-9087-36	L128 8-12'	Total/NA	Solid	5030C	
885-9087-37	L129 8-12'	Total/NA	Solid	5030C	
885-9087-38	L130 8-12'	Total/NA	Solid	5030C	
885-9087-39	L143 12-16'	Total/NA	Solid	5030C	
885-9087-40	L144 16'	Total/NA	Solid	5030C	
MB 885-9677/1-A	Method Blank	Total/NA	Solid	5030C	

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

GC VOA (Continued)

Prep Batch: 9677 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 885-9677/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-9677/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-9087-21 MS	L91 4'	Total/NA	Solid	5030C	
885-9087-21 MSD	L91 4'	Total/NA	Solid	5030C	
885-9087-22 MS	L92 4'	Total/NA	Solid	5030C	
885-9087-22 MSD	L92 4'	Total/NA	Solid	5030C	

Prep Batch: 9752

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9087-41	L145 16'	Total/NA	Solid	5030C	
885-9087-42	L146 16'	Total/NA	Solid	5030C	
885-9087-43	L147 16'	Total/NA	Solid	5030C	
885-9087-44	L148 16'	Total/NA	Solid	5030C	
885-9087-45	L149 16'	Total/NA	Solid	5030C	
885-9087-46	L150 16'	Total/NA	Solid	5030C	
885-9087-47	L151 16'	Total/NA	Solid	5030C	
885-9087-48	L152 16'	Total/NA	Solid	5030C	
MB 885-9752/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-9752/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-9752/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-9087-41 MS	L145 16'	Total/NA	Solid	5030C	
885-9087-41 MSD	L145 16'	Total/NA	Solid	5030C	
885-9087-42 MS	L146 16'	Total/NA	Solid	5030C	
885-9087-42 MSD	L146 16'	Total/NA	Solid	5030C	

Analysis Batch: 9790

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9087-1	L39 4'	Total/NA	Solid	8015M/D	9675
885-9087-2	L42 4'	Total/NA	Solid	8015M/D	9675
885-9087-3	L43 0-4'	Total/NA	Solid	8015M/D	9675
885-9087-4	L48 4'	Total/NA	Solid	8015M/D	9675
885-9087-5	L49 4'	Total/NA	Solid	8015M/D	9675
885-9087-6	L59 0-4'	Total/NA	Solid	8015M/D	9675
885-9087-7	L62 4'	Total/NA	Solid	8015M/D	9675
885-9087-8	L63 0-4'	Total/NA	Solid	8015M/D	9675
885-9087-9	L64 4'	Total/NA	Solid	8015M/D	9675
885-9087-10	L65 0-4'	Total/NA	Solid	8015M/D	9675
885-9087-11	L66 0-4'	Total/NA	Solid	8015M/D	9675
885-9087-12	L68 0-4'	Total/NA	Solid	8015M/D	9675
885-9087-13	L70 0-4'	Total/NA	Solid	8015M/D	9675
885-9087-14	L71 4'	Total/NA	Solid	8015M/D	9675
885-9087-15	L72 0-4'	Total/NA	Solid	8015M/D	9675
885-9087-16	L73 4'	Total/NA	Solid	8015M/D	9675
885-9087-17	L74 0-4'	Total/NA	Solid	8015M/D	9675
885-9087-18	L75 4'	Total/NA	Solid	8015M/D	9675
885-9087-19	L89 4'	Total/NA	Solid	8015M/D	9675
885-9087-20	L90 4'	Total/NA	Solid	8015M/D	9675
MB 885-9675/1-A	Method Blank	Total/NA	Solid	8015M/D	9675
LCS 885-9675/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	9675
885-9087-1 MS	L39 4'	Total/NA	Solid	8015M/D	9675
885-9087-1 MSD	L39 4'	Total/NA	Solid	8015M/D	9675

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

GC VOA

Analysis Batch: 9791

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9087-21	L91 4'	Total/NA	Solid	8015M/D	9677
885-9087-22	L92 4'	Total/NA	Solid	8015M/D	9677
885-9087-23	L93 4'	Total/NA	Solid	8015M/D	9677
885-9087-24	L94 4'	Total/NA	Solid	8015M/D	9677
885-9087-25	L95 4-8'	Total/NA	Solid	8015M/D	9677
885-9087-26	L96 4-8'	Total/NA	Solid	8015M/D	9677
885-9087-27	L97 4-8'	Total/NA	Solid	8015M/D	9677
885-9087-28	L98 4-8'	Total/NA	Solid	8015M/D	9677
885-9087-29	L106 4-8'	Total/NA	Solid	8015M/D	9677
885-9087-30	L117 4-8'	Total/NA	Solid	8015M/D	9677
885-9087-31	L118 4-8'	Total/NA	Solid	8015M/D	9677
885-9087-32	L119 8-12'	Total/NA	Solid	8015M/D	9677
885-9087-33	L120 8-12'	Total/NA	Solid	8015M/D	9677
885-9087-34	L121 8-12'	Total/NA	Solid	8015M/D	9677
885-9087-35	L127 8-12'	Total/NA	Solid	8015M/D	9677
885-9087-36	L128 8-12'	Total/NA	Solid	8015M/D	9677
885-9087-37	L129 8-12'	Total/NA	Solid	8015M/D	9677
885-9087-38	L130 8-12'	Total/NA	Solid	8015M/D	9677
885-9087-39	L143 12-16'	Total/NA	Solid	8015M/D	9677
885-9087-40	L144 16'	Total/NA	Solid	8015M/D	9677
MB 885-9677/1-A	Method Blank	Total/NA	Solid	8015M/D	9677
LCS 885-9677/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	9677
885-9087-21 MS	L91 4'	Total/NA	Solid	8015M/D	9677
885-9087-21 MSD	L91 4'	Total/NA	Solid	8015M/D	9677

Analysis Batch: 9792

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9087-1	L39 4'	Total/NA	Solid	8021B	9675
885-9087-2	L42 4'	Total/NA	Solid	8021B	9675
885-9087-3	L43 0-4'	Total/NA	Solid	8021B	9675
885-9087-4	L48 4'	Total/NA	Solid	8021B	9675
885-9087-5	L49 4'	Total/NA	Solid	8021B	9675
885-9087-6	L59 0-4'	Total/NA	Solid	8021B	9675
885-9087-7	L62 4'	Total/NA	Solid	8021B	9675
885-9087-8	L63 0-4'	Total/NA	Solid	8021B	9675
885-9087-9	L64 4'	Total/NA	Solid	8021B	9675
885-9087-10	L65 0-4'	Total/NA	Solid	8021B	9675
885-9087-11	L66 0-4'	Total/NA	Solid	8021B	9675
885-9087-12	L68 0-4'	Total/NA	Solid	8021B	9675
885-9087-13	L70 0-4'	Total/NA	Solid	8021B	9675
885-9087-14	L71 4'	Total/NA	Solid	8021B	9675
885-9087-15	L72 0-4'	Total/NA	Solid	8021B	9675
885-9087-16	L73 4'	Total/NA	Solid	8021B	9675
885-9087-17	L74 0-4'	Total/NA	Solid	8021B	9675
885-9087-18	L75 4'	Total/NA	Solid	8021B	9675
885-9087-19	L89 4'	Total/NA	Solid	8021B	9675
885-9087-20	L90 4'	Total/NA	Solid	8021B	9675
MB 885-9675/1-A	Method Blank	Total/NA	Solid	8021B	9675
LCS 885-9675/3-A	Lab Control Sample	Total/NA	Solid	8021B	9675
885-9087-2 MS	L42 4'	Total/NA	Solid	8021B	9675
885-9087-2 MSD	L42 4'	Total/NA	Solid	8021B	9675

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

GC VOA

Analysis Batch: 9793

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9087-21	L91 4'	Total/NA	Solid	8021B	9677
885-9087-22	L92 4'	Total/NA	Solid	8021B	9677
885-9087-23	L93 4'	Total/NA	Solid	8021B	9677
885-9087-24	L94 4'	Total/NA	Solid	8021B	9677
885-9087-25	L95 4-8'	Total/NA	Solid	8021B	9677
885-9087-26	L96 4-8'	Total/NA	Solid	8021B	9677
885-9087-27	L97 4-8'	Total/NA	Solid	8021B	9677
885-9087-28	L98 4-8'	Total/NA	Solid	8021B	9677
885-9087-29	L106 4-8'	Total/NA	Solid	8021B	9677
885-9087-30	L117 4-8'	Total/NA	Solid	8021B	9677
885-9087-31	L118 4-8'	Total/NA	Solid	8021B	9677
885-9087-32	L119 8-12'	Total/NA	Solid	8021B	9677
885-9087-33	L120 8-12'	Total/NA	Solid	8021B	9677
885-9087-34	L121 8-12'	Total/NA	Solid	8021B	9677
885-9087-35	L127 8-12'	Total/NA	Solid	8021B	9677
885-9087-36	L128 8-12'	Total/NA	Solid	8021B	9677
885-9087-37	L129 8-12'	Total/NA	Solid	8021B	9677
885-9087-38	L130 8-12'	Total/NA	Solid	8021B	9677
885-9087-39	L143 12-16'	Total/NA	Solid	8021B	9677
885-9087-40	L144 16'	Total/NA	Solid	8021B	9677
MB 885-9677/1-A	Method Blank	Total/NA	Solid	8021B	9677
LCS 885-9677/3-A	Lab Control Sample	Total/NA	Solid	8021B	9677
885-9087-22 MS	L92 4'	Total/NA	Solid	8021B	9677
885-9087-22 MSD	L92 4'	Total/NA	Solid	8021B	9677

Analysis Batch: 9890

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9087-41	L145 16'	Total/NA	Solid	8015M/D	9752
885-9087-42	L146 16'	Total/NA	Solid	8015M/D	9752
885-9087-43	L147 16'	Total/NA	Solid	8015M/D	9752
885-9087-44	L148 16'	Total/NA	Solid	8015M/D	9752
885-9087-45	L149 16'	Total/NA	Solid	8015M/D	9752
885-9087-46	L150 16'	Total/NA	Solid	8015M/D	9752
885-9087-47	L151 16'	Total/NA	Solid	8015M/D	9752
885-9087-48	L152 16'	Total/NA	Solid	8015M/D	9752
MB 885-9752/1-A	Method Blank	Total/NA	Solid	8015M/D	9752
LCS 885-9752/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	9752
885-9087-41 MS	L145 16'	Total/NA	Solid	8015M/D	9752
885-9087-41 MSD	L145 16'	Total/NA	Solid	8015M/D	9752

Analysis Batch: 9891

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9087-41	L145 16'	Total/NA	Solid	8021B	9752
885-9087-42	L146 16'	Total/NA	Solid	8021B	9752
885-9087-43	L147 16'	Total/NA	Solid	8021B	9752
885-9087-44	L148 16'	Total/NA	Solid	8021B	9752
885-9087-45	L149 16'	Total/NA	Solid	8021B	9752
885-9087-46	L150 16'	Total/NA	Solid	8021B	9752
885-9087-47	L151 16'	Total/NA	Solid	8021B	9752
885-9087-48	L152 16'	Total/NA	Solid	8021B	9752
MB 885-9752/1-A	Method Blank	Total/NA	Solid	8021B	9752

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

GC VOA (Continued)

Analysis Batch: 9891 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 885-9752/3-A	Lab Control Sample	Total/NA	Solid	8021B	9752
885-9087-42 MS	L146 16'	Total/NA	Solid	8021B	9752
885-9087-42 MSD	L146 16'	Total/NA	Solid	8021B	9752

GC Semi VOA

Analysis Batch: 9731

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9087-1	L39 4'	Total/NA	Solid	8015M/D	9748
885-9087-2	L42 4'	Total/NA	Solid	8015M/D	9748
885-9087-3	L43 0-4'	Total/NA	Solid	8015M/D	9748
885-9087-4	L48 4'	Total/NA	Solid	8015M/D	9748
885-9087-5	L49 4'	Total/NA	Solid	8015M/D	9748
885-9087-6	L59 0-4'	Total/NA	Solid	8015M/D	9748
885-9087-7	L62 4'	Total/NA	Solid	8015M/D	9748
885-9087-8	L63 0-4'	Total/NA	Solid	8015M/D	9748
885-9087-9	L64 4'	Total/NA	Solid	8015M/D	9748
885-9087-10	L65 0-4'	Total/NA	Solid	8015M/D	9748
885-9087-11	L66 0-4'	Total/NA	Solid	8015M/D	9748
885-9087-12	L68 0-4'	Total/NA	Solid	8015M/D	9748
885-9087-13	L70 0-4'	Total/NA	Solid	8015M/D	9748
885-9087-14	L71 4'	Total/NA	Solid	8015M/D	9748
885-9087-15	L72 0-4'	Total/NA	Solid	8015M/D	9748
885-9087-16	L73 4'	Total/NA	Solid	8015M/D	9748
885-9087-17	L74 0-4'	Total/NA	Solid	8015M/D	9748
885-9087-18	L75 4'	Total/NA	Solid	8015M/D	9748
885-9087-19	L89 4'	Total/NA	Solid	8015M/D	9748
885-9087-20	L90 4'	Total/NA	Solid	8015M/D	9748
MB 885-9748/1-A	Method Blank	Total/NA	Solid	8015M/D	9748
LCS 885-9748/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	9748
885-9087-20 MS	L90 4'	Total/NA	Solid	8015M/D	9748
885-9087-20 MSD	L90 4'	Total/NA	Solid	8015M/D	9748

Prep Batch: 9748

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9087-1	L39 4'	Total/NA	Solid	SHAKE	
885-9087-2	L42 4'	Total/NA	Solid	SHAKE	
885-9087-3	L43 0-4'	Total/NA	Solid	SHAKE	
885-9087-4	L48 4'	Total/NA	Solid	SHAKE	
885-9087-5	L49 4'	Total/NA	Solid	SHAKE	
885-9087-6	L59 0-4'	Total/NA	Solid	SHAKE	
885-9087-7	L62 4'	Total/NA	Solid	SHAKE	
885-9087-8	L63 0-4'	Total/NA	Solid	SHAKE	
885-9087-9	L64 4'	Total/NA	Solid	SHAKE	
885-9087-10	L65 0-4'	Total/NA	Solid	SHAKE	
885-9087-11	L66 0-4'	Total/NA	Solid	SHAKE	
885-9087-12	L68 0-4'	Total/NA	Solid	SHAKE	
885-9087-13	L70 0-4'	Total/NA	Solid	SHAKE	
885-9087-14	L71 4'	Total/NA	Solid	SHAKE	
885-9087-15	L72 0-4'	Total/NA	Solid	SHAKE	
885-9087-16	L73 4'	Total/NA	Solid	SHAKE	

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

GC Semi VOA (Continued)

Prep Batch: 9748 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9087-17	L74 0-4'	Total/NA	Solid	SHAKE	
885-9087-18	L75 4'	Total/NA	Solid	SHAKE	
885-9087-19	L89 4'	Total/NA	Solid	SHAKE	
885-9087-20	L90 4'	Total/NA	Solid	SHAKE	
MB 885-9748/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-9748/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-9087-20 MS	L90 4'	Total/NA	Solid	SHAKE	
885-9087-20 MSD	L90 4'	Total/NA	Solid	SHAKE	

Prep Batch: 9781

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9087-21	L91 4'	Total/NA	Solid	SHAKE	
885-9087-22	L92 4'	Total/NA	Solid	SHAKE	
885-9087-23	L93 4'	Total/NA	Solid	SHAKE	
885-9087-24	L94 4'	Total/NA	Solid	SHAKE	
885-9087-25	L95 4-8'	Total/NA	Solid	SHAKE	
885-9087-26	L96 4-8'	Total/NA	Solid	SHAKE	
885-9087-27	L97 4-8'	Total/NA	Solid	SHAKE	
885-9087-28	L98 4-8'	Total/NA	Solid	SHAKE	
885-9087-29	L106 4-8'	Total/NA	Solid	SHAKE	
885-9087-30	L117 4-8'	Total/NA	Solid	SHAKE	
885-9087-31	L118 4-8'	Total/NA	Solid	SHAKE	
885-9087-32	L119 8-12'	Total/NA	Solid	SHAKE	
885-9087-33	L120 8-12'	Total/NA	Solid	SHAKE	
885-9087-34	L121 8-12'	Total/NA	Solid	SHAKE	
885-9087-35	L127 8-12'	Total/NA	Solid	SHAKE	
885-9087-36	L128 8-12'	Total/NA	Solid	SHAKE	
885-9087-37	L129 8-12'	Total/NA	Solid	SHAKE	
885-9087-38	L130 8-12'	Total/NA	Solid	SHAKE	
885-9087-39	L143 12-16'	Total/NA	Solid	SHAKE	
885-9087-40	L144 16'	Total/NA	Solid	SHAKE	
MB 885-9781/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-9781/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-9087-40 MS	L144 16'	Total/NA	Solid	SHAKE	
885-9087-40 MSD	L144 16'	Total/NA	Solid	SHAKE	

Prep Batch: 9805

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9087-41	L145 16'	Total/NA	Solid	SHAKE	
885-9087-42	L146 16'	Total/NA	Solid	SHAKE	
885-9087-43	L147 16'	Total/NA	Solid	SHAKE	
885-9087-44	L148 16'	Total/NA	Solid	SHAKE	
885-9087-45	L149 16'	Total/NA	Solid	SHAKE	
885-9087-46	L150 16'	Total/NA	Solid	SHAKE	
885-9087-47	L151 16'	Total/NA	Solid	SHAKE	
885-9087-48	L152 16'	Total/NA	Solid	SHAKE	
MB 885-9805/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-9805/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

GC Semi VOA

Analysis Batch: 9807

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9087-21	L91 4'	Total/NA	Solid	8015M/D	9781
885-9087-22	L92 4'	Total/NA	Solid	8015M/D	9781
885-9087-23	L93 4'	Total/NA	Solid	8015M/D	9781
885-9087-24	L94 4'	Total/NA	Solid	8015M/D	9781
885-9087-25	L95 4-8'	Total/NA	Solid	8015M/D	9781
885-9087-26	L96 4-8'	Total/NA	Solid	8015M/D	9781
885-9087-27	L97 4-8'	Total/NA	Solid	8015M/D	9781
885-9087-28	L98 4-8'	Total/NA	Solid	8015M/D	9781
885-9087-29	L106 4-8'	Total/NA	Solid	8015M/D	9781
885-9087-30	L117 4-8'	Total/NA	Solid	8015M/D	9781
885-9087-31	L118 4-8'	Total/NA	Solid	8015M/D	9781
885-9087-32	L119 8-12'	Total/NA	Solid	8015M/D	9781
885-9087-33	L120 8-12'	Total/NA	Solid	8015M/D	9781
885-9087-34	L121 8-12'	Total/NA	Solid	8015M/D	9781
885-9087-35	L127 8-12'	Total/NA	Solid	8015M/D	9781
885-9087-36	L128 8-12'	Total/NA	Solid	8015M/D	9781
885-9087-37	L129 8-12'	Total/NA	Solid	8015M/D	9781
885-9087-38	L130 8-12'	Total/NA	Solid	8015M/D	9781
885-9087-39	L143 12-16'	Total/NA	Solid	8015M/D	9781
885-9087-40	L144 16'	Total/NA	Solid	8015M/D	9781
885-9087-41	L145 16'	Total/NA	Solid	8015M/D	9805
885-9087-42	L146 16'	Total/NA	Solid	8015M/D	9805
885-9087-43	L147 16'	Total/NA	Solid	8015M/D	9805
885-9087-44	L148 16'	Total/NA	Solid	8015M/D	9805
885-9087-45	L149 16'	Total/NA	Solid	8015M/D	9805
885-9087-46	L150 16'	Total/NA	Solid	8015M/D	9805
885-9087-47	L151 16'	Total/NA	Solid	8015M/D	9805
885-9087-48	L152 16'	Total/NA	Solid	8015M/D	9805
MB 885-9781/1-A	Method Blank	Total/NA	Solid	8015M/D	9781
MB 885-9805/1-A	Method Blank	Total/NA	Solid	8015M/D	9805
LCS 885-9781/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	9781
LCS 885-9805/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	9805
885-9087-40 MS	L144 16'	Total/NA	Solid	8015M/D	9781
885-9087-40 MSD	L144 16'	Total/NA	Solid	8015M/D	9781

HPLC/IC

Prep Batch: 9750

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9087-1	L39 4'	Total/NA	Solid	300_Prep	
885-9087-2	L42 4'	Total/NA	Solid	300_Prep	
885-9087-3	L43 0-4'	Total/NA	Solid	300_Prep	
885-9087-4	L48 4'	Total/NA	Solid	300_Prep	
885-9087-5	L49 4'	Total/NA	Solid	300_Prep	
885-9087-6	L59 0-4'	Total/NA	Solid	300_Prep	
885-9087-7	L62 4'	Total/NA	Solid	300_Prep	
885-9087-8	L63 0-4'	Total/NA	Solid	300_Prep	
885-9087-9	L64 4'	Total/NA	Solid	300_Prep	
885-9087-10	L65 0-4'	Total/NA	Solid	300_Prep	
885-9087-11	L66 0-4'	Total/NA	Solid	300_Prep	
885-9087-12	L68 0-4'	Total/NA	Solid	300_Prep	

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

HPLC/IC (Continued)

Prep Batch: 9750 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9087-13	L70 0-4'	Total/NA	Solid	300_Prep	
885-9087-14	L71 4'	Total/NA	Solid	300_Prep	
885-9087-15	L72 0-4'	Total/NA	Solid	300_Prep	
885-9087-16	L73 4'	Total/NA	Solid	300_Prep	
885-9087-17	L74 0-4'	Total/NA	Solid	300_Prep	
885-9087-18	L75 4'	Total/NA	Solid	300_Prep	
885-9087-19	L89 4'	Total/NA	Solid	300_Prep	
885-9087-20	L90 4'	Total/NA	Solid	300_Prep	
MB 885-9750/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-9750/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 9777

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9087-1	L39 4'	Total/NA	Solid	300.0	9750
885-9087-3	L43 0-4'	Total/NA	Solid	300.0	9750
885-9087-4	L48 4'	Total/NA	Solid	300.0	9750
885-9087-5	L49 4'	Total/NA	Solid	300.0	9750
885-9087-6	L59 0-4'	Total/NA	Solid	300.0	9750
885-9087-7	L62 4'	Total/NA	Solid	300.0	9750
885-9087-8	L63 0-4'	Total/NA	Solid	300.0	9750
885-9087-9	L64 4'	Total/NA	Solid	300.0	9750
885-9087-11	L66 0-4'	Total/NA	Solid	300.0	9750
885-9087-12	L68 0-4'	Total/NA	Solid	300.0	9750
885-9087-13	L70 0-4'	Total/NA	Solid	300.0	9750
885-9087-14	L71 4'	Total/NA	Solid	300.0	9750
885-9087-15	L72 0-4'	Total/NA	Solid	300.0	9750
885-9087-16	L73 4'	Total/NA	Solid	300.0	9750
885-9087-17	L74 0-4'	Total/NA	Solid	300.0	9750
885-9087-18	L75 4'	Total/NA	Solid	300.0	9750
885-9087-19	L89 4'	Total/NA	Solid	300.0	9750
885-9087-20	L90 4'	Total/NA	Solid	300.0	9750
MB 885-9750/1-A	Method Blank	Total/NA	Solid	300.0	9750
LCS 885-9750/2-A	Lab Control Sample	Total/NA	Solid	300.0	9750

Prep Batch: 9801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9087-21	L91 4'	Total/NA	Solid	300_Prep	
885-9087-22	L92 4'	Total/NA	Solid	300_Prep	
885-9087-23	L93 4'	Total/NA	Solid	300_Prep	
885-9087-24	L94 4'	Total/NA	Solid	300_Prep	
885-9087-25	L95 4-8'	Total/NA	Solid	300_Prep	
885-9087-26	L96 4-8'	Total/NA	Solid	300_Prep	
885-9087-27	L97 4-8'	Total/NA	Solid	300_Prep	
885-9087-28	L98 4-8'	Total/NA	Solid	300_Prep	
885-9087-29	L106 4-8'	Total/NA	Solid	300_Prep	
885-9087-30	L117 4-8'	Total/NA	Solid	300_Prep	
885-9087-31	L118 4-8'	Total/NA	Solid	300_Prep	
885-9087-32	L119 8-12'	Total/NA	Solid	300_Prep	
885-9087-33	L120 8-12'	Total/NA	Solid	300_Prep	
885-9087-34	L121 8-12'	Total/NA	Solid	300_Prep	
885-9087-35	L127 8-12'	Total/NA	Solid	300_Prep	

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

HPLC/IC (Continued)

Prep Batch: 9801 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9087-36	L128 8-12'	Total/NA	Solid	300_Prep	
885-9087-37	L129 8-12'	Total/NA	Solid	300_Prep	
885-9087-38	L130 8-12'	Total/NA	Solid	300_Prep	
885-9087-39	L143 12-16'	Total/NA	Solid	300_Prep	
885-9087-40	L144 16'	Total/NA	Solid	300_Prep	
MB 885-9801/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-9801/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-9087-34 MS	L121 8-12'	Total/NA	Solid	300_Prep	
885-9087-34 MSD	L121 8-12'	Total/NA	Solid	300_Prep	

Prep Batch: 9811

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9087-41	L145 16'	Total/NA	Solid	300_Prep	
885-9087-42	L146 16'	Total/NA	Solid	300_Prep	
885-9087-43	L147 16'	Total/NA	Solid	300_Prep	
885-9087-44	L148 16'	Total/NA	Solid	300_Prep	
885-9087-45	L149 16'	Total/NA	Solid	300_Prep	
885-9087-46	L150 16'	Total/NA	Solid	300_Prep	
885-9087-47	L151 16'	Total/NA	Solid	300_Prep	
885-9087-48	L152 16'	Total/NA	Solid	300_Prep	
MB 885-9811/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-9811/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-9087-46 MS	L150 16'	Total/NA	Solid	300_Prep	
885-9087-46 MSD	L150 16'	Total/NA	Solid	300_Prep	

Analysis Batch: 9896

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9087-2	L42 4'	Total/NA	Solid	300.0	9750
885-9087-10	L65 0-4'	Total/NA	Solid	300.0	9750
885-9087-21	L91 4'	Total/NA	Solid	300.0	9801
885-9087-22	L92 4'	Total/NA	Solid	300.0	9801
885-9087-23	L93 4'	Total/NA	Solid	300.0	9801
885-9087-24	L94 4'	Total/NA	Solid	300.0	9801
885-9087-25	L95 4-8'	Total/NA	Solid	300.0	9801
885-9087-26	L96 4-8'	Total/NA	Solid	300.0	9801
885-9087-27	L97 4-8'	Total/NA	Solid	300.0	9801
885-9087-28	L98 4-8'	Total/NA	Solid	300.0	9801
885-9087-29	L106 4-8'	Total/NA	Solid	300.0	9801
885-9087-30	L117 4-8'	Total/NA	Solid	300.0	9801
885-9087-31	L118 4-8'	Total/NA	Solid	300.0	9801
885-9087-32	L119 8-12'	Total/NA	Solid	300.0	9801
885-9087-33	L120 8-12'	Total/NA	Solid	300.0	9801
885-9087-34	L121 8-12'	Total/NA	Solid	300.0	9801
885-9087-35	L127 8-12'	Total/NA	Solid	300.0	9801
885-9087-36	L128 8-12'	Total/NA	Solid	300.0	9801
885-9087-37	L129 8-12'	Total/NA	Solid	300.0	9801
885-9087-38	L130 8-12'	Total/NA	Solid	300.0	9801
885-9087-39	L143 12-16'	Total/NA	Solid	300.0	9801
885-9087-40	L144 16'	Total/NA	Solid	300.0	9801
885-9087-41	L145 16'	Total/NA	Solid	300.0	9811
885-9087-42	L146 16'	Total/NA	Solid	300.0	9811

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

HPLC/IC (Continued)

Analysis Batch: 9896 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9087-43	L147 16'	Total/NA	Solid	300.0	9811
885-9087-44	L148 16'	Total/NA	Solid	300.0	9811
885-9087-45	L149 16'	Total/NA	Solid	300.0	9811
885-9087-46	L150 16'	Total/NA	Solid	300.0	9811
885-9087-47	L151 16'	Total/NA	Solid	300.0	9811
885-9087-48	L152 16'	Total/NA	Solid	300.0	9811
MB 885-9801/1-A	Method Blank	Total/NA	Solid	300.0	9801
MB 885-9811/1-A	Method Blank	Total/NA	Solid	300.0	9811
LCS 885-9801/2-A	Lab Control Sample	Total/NA	Solid	300.0	9801
LCS 885-9811/2-A	Lab Control Sample	Total/NA	Solid	300.0	9811
885-9087-34 MS	L121 8-12'	Total/NA	Solid	300.0	9801
885-9087-34 MSD	L121 8-12'	Total/NA	Solid	300.0	9801
885-9087-46 MS	L150 16'	Total/NA	Solid	300.0	9811
885-9087-46 MSD	L150 16'	Total/NA	Solid	300.0	9811

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L39 4'

Lab Sample ID: 885-9087-1
Matrix: Solid
Date Collected: 07/29/24 08:10
Date Received: 08/02/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9675	JP	EET ALB	08/02/24 13:11
Total/NA	Analysis	8015M/D		1	9790	AT	EET ALB	08/06/24 00:13
Total/NA	Prep	5030C			9675	JP	EET ALB	08/02/24 13:11
Total/NA	Analysis	8021B		1	9792	AT	EET ALB	08/06/24 00:13
Total/NA	Prep	SHAKE			9748	KR	EET ALB	08/05/24 14:13
Total/NA	Analysis	8015M/D		1	9731	KR	EET ALB	08/05/24 17:37
Total/NA	Prep	300_Prep			9750	KB	EET ALB	08/05/24 14:50
Total/NA	Analysis	300.0		20	9777	RC	EET ALB	08/05/24 20:43

Client Sample ID: L42 4'

Lab Sample ID: 885-9087-2
Matrix: Solid
Date Collected: 07/29/24 09:05
Date Received: 08/02/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9675	JP	EET ALB	08/02/24 13:11
Total/NA	Analysis	8015M/D		1	9790	AT	EET ALB	08/06/24 01:19
Total/NA	Prep	5030C			9675	JP	EET ALB	08/02/24 13:11
Total/NA	Analysis	8021B		1	9792	AT	EET ALB	08/06/24 01:19
Total/NA	Prep	SHAKE			9748	KR	EET ALB	08/05/24 14:13
Total/NA	Analysis	8015M/D		1	9731	KR	EET ALB	08/05/24 18:02
Total/NA	Prep	300_Prep			9750	KB	EET ALB	08/05/24 14:50
Total/NA	Analysis	300.0		50	9896	EH	EET ALB	08/06/24 12:53

Client Sample ID: L43 0-4'

Lab Sample ID: 885-9087-3
Matrix: Solid
Date Collected: 07/29/24 09:10
Date Received: 08/02/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9675	JP	EET ALB	08/02/24 13:11
Total/NA	Analysis	8015M/D		1	9790	AT	EET ALB	08/06/24 02:24
Total/NA	Prep	5030C			9675	JP	EET ALB	08/02/24 13:11
Total/NA	Analysis	8021B		1	9792	AT	EET ALB	08/06/24 02:24
Total/NA	Prep	SHAKE			9748	KR	EET ALB	08/05/24 14:13
Total/NA	Analysis	8015M/D		1	9731	KR	EET ALB	08/05/24 18:27
Total/NA	Prep	300_Prep			9750	KB	EET ALB	08/05/24 14:50
Total/NA	Analysis	300.0		20	9777	RC	EET ALB	08/05/24 21:33

Client Sample ID: L48 4'

Lab Sample ID: 885-9087-4
Matrix: Solid
Date Collected: 07/29/24 09:35
Date Received: 08/02/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9675	JP	EET ALB	08/02/24 13:11
Total/NA	Analysis	8015M/D		1	9790	AT	EET ALB	08/06/24 02:46

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L48 4'

Date Collected: 07/29/24 09:35
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9675	JP	EET ALB	08/02/24 13:11
Total/NA	Analysis	8021B		1	9792	AT	EET ALB	08/06/24 02:46
Total/NA	Prep	SHAKE			9748	KR	EET ALB	08/05/24 14:13
Total/NA	Analysis	8015M/D		1	9731	KR	EET ALB	08/05/24 18:52
Total/NA	Prep	300_Prep			9750	KB	EET ALB	08/05/24 14:50
Total/NA	Analysis	300.0		20	9777	RC	EET ALB	08/05/24 22:34

Client Sample ID: L49 4'

Date Collected: 07/29/24 09:40
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9675	JP	EET ALB	08/02/24 13:11
Total/NA	Analysis	8015M/D		1	9790	AT	EET ALB	08/06/24 03:08
Total/NA	Prep	5030C			9675	JP	EET ALB	08/02/24 13:11
Total/NA	Analysis	8021B		1	9792	AT	EET ALB	08/06/24 03:08
Total/NA	Prep	SHAKE			9748	KR	EET ALB	08/05/24 14:13
Total/NA	Analysis	8015M/D		1	9731	KR	EET ALB	08/05/24 19:17
Total/NA	Prep	300_Prep			9750	KB	EET ALB	08/05/24 14:50
Total/NA	Analysis	300.0		20	9777	RC	EET ALB	08/05/24 22:47

Client Sample ID: L59 0-4'

Date Collected: 07/29/24 09:45
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9675	JP	EET ALB	08/02/24 13:11
Total/NA	Analysis	8015M/D		1	9790	AT	EET ALB	08/06/24 03:29
Total/NA	Prep	5030C			9675	JP	EET ALB	08/02/24 13:11
Total/NA	Analysis	8021B		1	9792	AT	EET ALB	08/06/24 03:29
Total/NA	Prep	SHAKE			9748	KR	EET ALB	08/05/24 14:13
Total/NA	Analysis	8015M/D		1	9731	KR	EET ALB	08/05/24 19:42
Total/NA	Prep	300_Prep			9750	KB	EET ALB	08/05/24 14:50
Total/NA	Analysis	300.0		20	9777	RC	EET ALB	08/05/24 22:59

Client Sample ID: L62 4'

Date Collected: 07/29/24 10:45
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9675	JP	EET ALB	08/02/24 13:11
Total/NA	Analysis	8015M/D		1	9790	AT	EET ALB	08/06/24 03:51
Total/NA	Prep	5030C			9675	JP	EET ALB	08/02/24 13:11
Total/NA	Analysis	8021B		1	9792	AT	EET ALB	08/06/24 03:51

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L62 4'

Lab Sample ID: 885-9087-7
Matrix: Solid
Date Collected: 07/29/24 10:45
Date Received: 08/02/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			9748	KR	EET ALB	08/05/24 14:13
Total/NA	Analysis	8015M/D		1	9731	KR	EET ALB	08/05/24 20:31
Total/NA	Prep	300_Prep			9750	KB	EET ALB	08/05/24 14:50
Total/NA	Analysis	300.0		20	9777	RC	EET ALB	08/05/24 23:11

Client Sample ID: L63 0-4'

Lab Sample ID: 885-9087-8
Matrix: Solid
Date Collected: 07/29/24 10:50
Date Received: 08/02/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9675	JP	EET ALB	08/02/24 13:11
Total/NA	Analysis	8015M/D		1	9790	AT	EET ALB	08/06/24 04:13
Total/NA	Prep	5030C			9675	JP	EET ALB	08/02/24 13:11
Total/NA	Analysis	8021B		1	9792	AT	EET ALB	08/06/24 04:13
Total/NA	Prep	SHAKE			9748	KR	EET ALB	08/05/24 14:13
Total/NA	Analysis	8015M/D		1	9731	KR	EET ALB	08/05/24 20:56
Total/NA	Prep	300_Prep			9750	KB	EET ALB	08/05/24 14:50
Total/NA	Analysis	300.0		20	9777	RC	EET ALB	08/05/24 23:24

Client Sample ID: L64 4'

Lab Sample ID: 885-9087-9
Matrix: Solid
Date Collected: 07/29/24 10:55
Date Received: 08/02/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9675	JP	EET ALB	08/02/24 13:11
Total/NA	Analysis	8015M/D		1	9790	AT	EET ALB	08/06/24 04:35
Total/NA	Prep	5030C			9675	JP	EET ALB	08/02/24 13:11
Total/NA	Analysis	8021B		1	9792	AT	EET ALB	08/06/24 04:35
Total/NA	Prep	SHAKE			9748	KR	EET ALB	08/05/24 14:13
Total/NA	Analysis	8015M/D		1	9731	KR	EET ALB	08/05/24 21:21
Total/NA	Prep	300_Prep			9750	KB	EET ALB	08/05/24 14:50
Total/NA	Analysis	300.0		20	9777	RC	EET ALB	08/05/24 23:36

Client Sample ID: L65 0-4'

Lab Sample ID: 885-9087-10
Matrix: Solid
Date Collected: 07/29/24 11:00
Date Received: 08/02/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9675	JP	EET ALB	08/02/24 13:11
Total/NA	Analysis	8015M/D		1	9790	AT	EET ALB	08/06/24 04:56
Total/NA	Prep	5030C			9675	JP	EET ALB	08/02/24 13:11
Total/NA	Analysis	8021B		1	9792	AT	EET ALB	08/06/24 04:56
Total/NA	Prep	SHAKE			9748	KR	EET ALB	08/05/24 14:13
Total/NA	Analysis	8015M/D		1	9731	KR	EET ALB	08/05/24 21:46

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L65 0-4'
Date Collected: 07/29/24 11:00
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			9750	KB	EET ALB	08/05/24 14:50
Total/NA	Analysis	300.0		50	9896	EH	EET ALB	08/06/24 13:05

Client Sample ID: L66 0-4'
Date Collected: 07/30/24 07:30
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9675	JP	EET ALB	08/02/24 13:11
Total/NA	Analysis	8015M/D		1	9790	AT	EET ALB	08/06/24 05:40
Total/NA	Prep	5030C			9675	JP	EET ALB	08/02/24 13:11
Total/NA	Analysis	8021B		1	9792	AT	EET ALB	08/06/24 05:40
Total/NA	Prep	SHAKE			9748	KR	EET ALB	08/05/24 14:13
Total/NA	Analysis	8015M/D		1	9731	KR	EET ALB	08/05/24 22:10
Total/NA	Prep	300_Prep			9750	KB	EET ALB	08/05/24 14:50
Total/NA	Analysis	300.0		20	9777	RC	EET ALB	08/06/24 00:01

Client Sample ID: L68 0-4'
Date Collected: 07/30/24 07:40
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9675	JP	EET ALB	08/02/24 13:11
Total/NA	Analysis	8015M/D		1	9790	AT	EET ALB	08/06/24 06:02
Total/NA	Prep	5030C			9675	JP	EET ALB	08/02/24 13:11
Total/NA	Analysis	8021B		1	9792	AT	EET ALB	08/06/24 06:02
Total/NA	Prep	SHAKE			9748	KR	EET ALB	08/05/24 14:13
Total/NA	Analysis	8015M/D		1	9731	KR	EET ALB	08/05/24 22:35
Total/NA	Prep	300_Prep			9750	KB	EET ALB	08/05/24 14:50
Total/NA	Analysis	300.0		20	9777	RC	EET ALB	08/06/24 00:38

Client Sample ID: L70 0-4'
Date Collected: 07/30/24 07:50
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9675	JP	EET ALB	08/02/24 13:11
Total/NA	Analysis	8015M/D		1	9790	AT	EET ALB	08/06/24 06:23
Total/NA	Prep	5030C			9675	JP	EET ALB	08/02/24 13:11
Total/NA	Analysis	8021B		1	9792	AT	EET ALB	08/06/24 06:23
Total/NA	Prep	SHAKE			9748	KR	EET ALB	08/05/24 14:13
Total/NA	Analysis	8015M/D		1	9731	KR	EET ALB	08/05/24 23:00
Total/NA	Prep	300_Prep			9750	KB	EET ALB	08/05/24 14:50
Total/NA	Analysis	300.0		20	9777	RC	EET ALB	08/06/24 00:50

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L71 4'
Date Collected: 07/30/24 07:55
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9675	JP	EET ALB	08/02/24 13:11
Total/NA	Analysis	8015M/D		1	9790	AT	EET ALB	08/06/24 06:45
Total/NA	Prep	5030C			9675	JP	EET ALB	08/02/24 13:11
Total/NA	Analysis	8021B		1	9792	AT	EET ALB	08/06/24 06:45
Total/NA	Prep	SHAKE			9748	KR	EET ALB	08/05/24 14:13
Total/NA	Analysis	8015M/D		1	9731	KR	EET ALB	08/05/24 23:24
Total/NA	Prep	300_Prep			9750	KB	EET ALB	08/05/24 14:50
Total/NA	Analysis	300.0		20	9777	RC	EET ALB	08/06/24 01:03

Client Sample ID: L72 0-4'
Date Collected: 07/30/24 08:00
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9675	JP	EET ALB	08/02/24 13:11
Total/NA	Analysis	8015M/D		1	9790	AT	EET ALB	08/06/24 07:07
Total/NA	Prep	5030C			9675	JP	EET ALB	08/02/24 13:11
Total/NA	Analysis	8021B		1	9792	AT	EET ALB	08/06/24 07:07
Total/NA	Prep	SHAKE			9748	KR	EET ALB	08/05/24 14:13
Total/NA	Analysis	8015M/D		1	9731	KR	EET ALB	08/05/24 23:49
Total/NA	Prep	300_Prep			9750	KB	EET ALB	08/05/24 14:50
Total/NA	Analysis	300.0		20	9777	RC	EET ALB	08/06/24 01:15

Client Sample ID: L73 4'
Date Collected: 07/30/24 08:05
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9675	JP	EET ALB	08/02/24 13:11
Total/NA	Analysis	8015M/D		1	9790	AT	EET ALB	08/06/24 07:29
Total/NA	Prep	5030C			9675	JP	EET ALB	08/02/24 13:11
Total/NA	Analysis	8021B		1	9792	AT	EET ALB	08/06/24 07:29
Total/NA	Prep	SHAKE			9748	KR	EET ALB	08/05/24 14:13
Total/NA	Analysis	8015M/D		1	9731	KR	EET ALB	08/06/24 00:38
Total/NA	Prep	300_Prep			9750	KB	EET ALB	08/05/24 14:50
Total/NA	Analysis	300.0		20	9777	RC	EET ALB	08/06/24 01:27

Client Sample ID: L74 0-4'
Date Collected: 07/30/24 08:10
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9675	JP	EET ALB	08/02/24 13:11
Total/NA	Analysis	8015M/D		1	9790	AT	EET ALB	08/06/24 07:51

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L74 0-4'
Date Collected: 07/30/24 08:10
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9675	JP	EET ALB	08/02/24 13:11
Total/NA	Analysis	8021B		1	9792	AT	EET ALB	08/06/24 07:51
Total/NA	Prep	SHAKE			9748	KR	EET ALB	08/05/24 14:13
Total/NA	Analysis	8015M/D		1	9731	KR	EET ALB	08/06/24 01:03
Total/NA	Prep	300_Prep			9750	KB	EET ALB	08/05/24 14:50
Total/NA	Analysis	300.0		20	9777	RC	EET ALB	08/06/24 01:40

Client Sample ID: L75 4'
Date Collected: 07/30/24 08:15
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9675	JP	EET ALB	08/02/24 13:11
Total/NA	Analysis	8015M/D		1	9790	AT	EET ALB	08/06/24 08:13
Total/NA	Prep	5030C			9675	JP	EET ALB	08/02/24 13:11
Total/NA	Analysis	8021B		1	9792	AT	EET ALB	08/06/24 08:13
Total/NA	Prep	SHAKE			9748	KR	EET ALB	08/05/24 14:13
Total/NA	Analysis	8015M/D		1	9731	KR	EET ALB	08/06/24 01:28
Total/NA	Prep	300_Prep			9750	KB	EET ALB	08/05/24 14:50
Total/NA	Analysis	300.0		20	9777	RC	EET ALB	08/06/24 01:52

Client Sample ID: L89 4'
Date Collected: 07/30/24 09:25
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9675	JP	EET ALB	08/02/24 13:11
Total/NA	Analysis	8015M/D		1	9790	AT	EET ALB	08/06/24 08:34
Total/NA	Prep	5030C			9675	JP	EET ALB	08/02/24 13:11
Total/NA	Analysis	8021B		1	9792	AT	EET ALB	08/06/24 08:34
Total/NA	Prep	SHAKE			9748	KR	EET ALB	08/05/24 14:13
Total/NA	Analysis	8015M/D		1	9731	KR	EET ALB	08/06/24 01:53
Total/NA	Prep	300_Prep			9750	KB	EET ALB	08/05/24 14:50
Total/NA	Analysis	300.0		20	9777	RC	EET ALB	08/06/24 02:04

Client Sample ID: L90 4'
Date Collected: 07/30/24 09:30
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9675	JP	EET ALB	08/02/24 13:11
Total/NA	Analysis	8015M/D		1	9790	AT	EET ALB	08/06/24 08:56
Total/NA	Prep	5030C			9675	JP	EET ALB	08/02/24 13:11
Total/NA	Analysis	8021B		1	9792	AT	EET ALB	08/06/24 08:56

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L90 4'
Date Collected: 07/30/24 09:30
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			9748	KR	EET ALB	08/05/24 14:13
Total/NA	Analysis	8015M/D		1	9731	KR	EET ALB	08/06/24 02:17
Total/NA	Prep	300_Prep			9750	KB	EET ALB	08/05/24 14:50
Total/NA	Analysis	300.0		20	9777	RC	EET ALB	08/06/24 02:17

Client Sample ID: L91 4'
Date Collected: 07/30/24 09:35
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9677	AT	EET ALB	08/02/24 14:00
Total/NA	Analysis	8015M/D		1	9791	AT	EET ALB	08/05/24 13:17
Total/NA	Prep	5030C			9677	AT	EET ALB	08/02/24 14:00
Total/NA	Analysis	8021B		1	9793	AT	EET ALB	08/05/24 13:17
Total/NA	Prep	SHAKE			9781	EM	EET ALB	08/06/24 09:06
Total/NA	Analysis	8015M/D		1	9807	DH	EET ALB	08/06/24 18:25
Total/NA	Prep	300_Prep			9801	KB	EET ALB	08/06/24 11:08
Total/NA	Analysis	300.0		20	9896	EH	EET ALB	08/06/24 15:21

Client Sample ID: L92 4'
Date Collected: 07/30/24 09:40
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9677	AT	EET ALB	08/02/24 14:00
Total/NA	Analysis	8015M/D		1	9791	AT	EET ALB	08/05/24 14:23
Total/NA	Prep	5030C			9677	AT	EET ALB	08/02/24 14:00
Total/NA	Analysis	8021B		1	9793	AT	EET ALB	08/05/24 14:23
Total/NA	Prep	SHAKE			9781	EM	EET ALB	08/06/24 09:06
Total/NA	Analysis	8015M/D		1	9807	DH	EET ALB	08/06/24 18:36
Total/NA	Prep	300_Prep			9801	KB	EET ALB	08/06/24 11:08
Total/NA	Analysis	300.0		20	9896	EH	EET ALB	08/06/24 15:33

Client Sample ID: L93 4'
Date Collected: 07/30/24 09:45
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9677	AT	EET ALB	08/02/24 14:00
Total/NA	Analysis	8015M/D		1	9791	AT	EET ALB	08/05/24 15:29
Total/NA	Prep	5030C			9677	AT	EET ALB	08/02/24 14:00
Total/NA	Analysis	8021B		1	9793	AT	EET ALB	08/05/24 15:29
Total/NA	Prep	SHAKE			9781	EM	EET ALB	08/06/24 09:06
Total/NA	Analysis	8015M/D		1	9807	DH	EET ALB	08/06/24 18:48

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L93 4'

Lab Sample ID: 885-9087-23
Matrix: Solid
Date Collected: 07/30/24 09:45
Date Received: 08/02/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			9801	KB	EET ALB	08/06/24 11:08
Total/NA	Analysis	300.0		20	9896	EH	EET ALB	08/06/24 15:46

Client Sample ID: L94 4'

Lab Sample ID: 885-9087-24
Matrix: Solid
Date Collected: 07/30/24 09:50
Date Received: 08/02/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9677	AT	EET ALB	08/02/24 14:00
Total/NA	Analysis	8015M/D		1	9791	AT	EET ALB	08/05/24 15:51
Total/NA	Prep	5030C			9677	AT	EET ALB	08/02/24 14:00
Total/NA	Analysis	8021B		1	9793	AT	EET ALB	08/05/24 15:51
Total/NA	Prep	SHAKE			9781	EM	EET ALB	08/06/24 09:06
Total/NA	Analysis	8015M/D		1	9807	DH	EET ALB	08/06/24 18:59
Total/NA	Prep	300_Prep			9801	KB	EET ALB	08/06/24 11:08
Total/NA	Analysis	300.0		20	9896	EH	EET ALB	08/06/24 15:58

Client Sample ID: L95 4-8'

Lab Sample ID: 885-9087-25
Matrix: Solid
Date Collected: 07/30/24 09:55
Date Received: 08/02/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9677	AT	EET ALB	08/02/24 14:00
Total/NA	Analysis	8015M/D		1	9791	AT	EET ALB	08/05/24 16:13
Total/NA	Prep	5030C			9677	AT	EET ALB	08/02/24 14:00
Total/NA	Analysis	8021B		1	9793	AT	EET ALB	08/05/24 16:13
Total/NA	Prep	SHAKE			9781	EM	EET ALB	08/06/24 09:06
Total/NA	Analysis	8015M/D		1	9807	DH	EET ALB	08/06/24 19:11
Total/NA	Prep	300_Prep			9801	KB	EET ALB	08/06/24 11:08
Total/NA	Analysis	300.0		20	9896	EH	EET ALB	08/06/24 16:35

Client Sample ID: L96 4-8'

Lab Sample ID: 885-9087-26
Matrix: Solid
Date Collected: 07/30/24 10:00
Date Received: 08/02/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9677	AT	EET ALB	08/02/24 14:00
Total/NA	Analysis	8015M/D		1	9791	AT	EET ALB	08/05/24 16:35
Total/NA	Prep	5030C			9677	AT	EET ALB	08/02/24 14:00
Total/NA	Analysis	8021B		1	9793	AT	EET ALB	08/05/24 16:35
Total/NA	Prep	SHAKE			9781	EM	EET ALB	08/06/24 09:06
Total/NA	Analysis	8015M/D		1	9807	DH	EET ALB	08/06/24 19:22
Total/NA	Prep	300_Prep			9801	KB	EET ALB	08/06/24 11:08
Total/NA	Analysis	300.0		20	9896	EH	EET ALB	08/06/24 16:47

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L97 4-8'
Lab Sample ID: 885-9087-27
Date Collected: 07/30/24 10:05
Matrix: Solid
Date Received: 08/02/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9677	AT	EET ALB	08/02/24 14:00
Total/NA	Analysis	8015M/D		1	9791	AT	EET ALB	08/05/24 16:56
Total/NA	Prep	5030C			9677	AT	EET ALB	08/02/24 14:00
Total/NA	Analysis	8021B		1	9793	AT	EET ALB	08/05/24 16:56
Total/NA	Prep	SHAKE			9781	EM	EET ALB	08/06/24 09:06
Total/NA	Analysis	8015M/D		1	9807	DH	EET ALB	08/06/24 19:34
Total/NA	Prep	300_Prep			9801	KB	EET ALB	08/06/24 11:08
Total/NA	Analysis	300.0		20	9896	EH	EET ALB	08/06/24 17:24

Client Sample ID: L98 4-8'
Lab Sample ID: 885-9087-28
Date Collected: 07/30/24 10:10
Matrix: Solid
Date Received: 08/02/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9677	AT	EET ALB	08/02/24 14:00
Total/NA	Analysis	8015M/D		1	9791	AT	EET ALB	08/05/24 17:18
Total/NA	Prep	5030C			9677	AT	EET ALB	08/02/24 14:00
Total/NA	Analysis	8021B		1	9793	AT	EET ALB	08/05/24 17:18
Total/NA	Prep	SHAKE			9781	EM	EET ALB	08/06/24 09:06
Total/NA	Analysis	8015M/D		1	9807	DH	EET ALB	08/06/24 19:56
Total/NA	Prep	300_Prep			9801	KB	EET ALB	08/06/24 11:08
Total/NA	Analysis	300.0		20	9896	EH	EET ALB	08/06/24 17:37

Client Sample ID: L106 4-8'
Lab Sample ID: 885-9087-29
Date Collected: 07/30/24 10:50
Matrix: Solid
Date Received: 08/02/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9677	AT	EET ALB	08/02/24 14:00
Total/NA	Analysis	8015M/D		1	9791	AT	EET ALB	08/05/24 17:40
Total/NA	Prep	5030C			9677	AT	EET ALB	08/02/24 14:00
Total/NA	Analysis	8021B		1	9793	AT	EET ALB	08/05/24 17:40
Total/NA	Prep	SHAKE			9781	EM	EET ALB	08/06/24 09:06
Total/NA	Analysis	8015M/D		1	9807	DH	EET ALB	08/06/24 20:08
Total/NA	Prep	300_Prep			9801	KB	EET ALB	08/06/24 11:08
Total/NA	Analysis	300.0		20	9896	EH	EET ALB	08/06/24 17:49

Client Sample ID: L117 4-8'
Lab Sample ID: 885-9087-30
Date Collected: 07/30/24 12:10
Matrix: Solid
Date Received: 08/02/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9677	AT	EET ALB	08/02/24 14:00
Total/NA	Analysis	8015M/D		1	9791	AT	EET ALB	08/05/24 18:02

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L117 4-8'
Lab Sample ID: 885-9087-30
Date Collected: 07/30/24 12:10
Matrix: Solid
Date Received: 08/02/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9677	AT	EET ALB	08/02/24 14:00
Total/NA	Analysis	8021B		1	9793	AT	EET ALB	08/05/24 18:02
Total/NA	Prep	SHAKE			9781	EM	EET ALB	08/06/24 09:06
Total/NA	Analysis	8015M/D		1	9807	DH	EET ALB	08/06/24 20:19
Total/NA	Prep	300_Prep			9801	KB	EET ALB	08/06/24 11:08
Total/NA	Analysis	300.0		20	9896	EH	EET ALB	08/06/24 18:02

Client Sample ID: L118 4-8'
Lab Sample ID: 885-9087-31
Date Collected: 07/30/24 12:15
Matrix: Solid
Date Received: 08/02/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9677	AT	EET ALB	08/02/24 14:00
Total/NA	Analysis	8015M/D		1	9791	AT	EET ALB	08/05/24 18:46
Total/NA	Prep	5030C			9677	AT	EET ALB	08/02/24 14:00
Total/NA	Analysis	8021B		1	9793	AT	EET ALB	08/05/24 18:46
Total/NA	Prep	SHAKE			9781	EM	EET ALB	08/06/24 09:06
Total/NA	Analysis	8015M/D		1	9807	DH	EET ALB	08/06/24 20:30
Total/NA	Prep	300_Prep			9801	KB	EET ALB	08/06/24 11:08
Total/NA	Analysis	300.0		20	9896	EH	EET ALB	08/06/24 18:14

Client Sample ID: L119 8-12'
Lab Sample ID: 885-9087-32
Date Collected: 07/30/24 12:20
Matrix: Solid
Date Received: 08/02/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9677	AT	EET ALB	08/02/24 14:00
Total/NA	Analysis	8015M/D		1	9791	AT	EET ALB	08/05/24 19:08
Total/NA	Prep	5030C			9677	AT	EET ALB	08/02/24 14:00
Total/NA	Analysis	8021B		1	9793	AT	EET ALB	08/05/24 19:08
Total/NA	Prep	SHAKE			9781	EM	EET ALB	08/06/24 09:06
Total/NA	Analysis	8015M/D		1	9807	DH	EET ALB	08/06/24 20:42
Total/NA	Prep	300_Prep			9801	KB	EET ALB	08/06/24 11:08
Total/NA	Analysis	300.0		20	9896	EH	EET ALB	08/06/24 18:26

Client Sample ID: L120 8-12'
Lab Sample ID: 885-9087-33
Date Collected: 07/30/24 12:25
Matrix: Solid
Date Received: 08/02/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9677	AT	EET ALB	08/02/24 14:00
Total/NA	Analysis	8015M/D		1	9791	AT	EET ALB	08/05/24 19:30
Total/NA	Prep	5030C			9677	AT	EET ALB	08/02/24 14:00
Total/NA	Analysis	8021B		1	9793	AT	EET ALB	08/05/24 19:30

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L120 8-12'
Lab Sample ID: 885-9087-33
Date Collected: 07/30/24 12:25
Matrix: Solid
Date Received: 08/02/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			9781	EM	EET ALB	08/06/24 09:06
Total/NA	Analysis	8015M/D		1	9807	DH	EET ALB	08/06/24 20:53
Total/NA	Prep	300_Prep			9801	KB	EET ALB	08/06/24 11:08
Total/NA	Analysis	300.0		20	9896	EH	EET ALB	08/06/24 18:39

Client Sample ID: L121 8-12'
Lab Sample ID: 885-9087-34
Date Collected: 07/30/24 12:30
Matrix: Solid
Date Received: 08/02/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9677	AT	EET ALB	08/02/24 14:00
Total/NA	Analysis	8015M/D		1	9791	AT	EET ALB	08/05/24 19:52
Total/NA	Prep	5030C			9677	AT	EET ALB	08/02/24 14:00
Total/NA	Analysis	8021B		1	9793	AT	EET ALB	08/05/24 19:52
Total/NA	Prep	SHAKE			9781	EM	EET ALB	08/06/24 09:06
Total/NA	Analysis	8015M/D		1	9807	DH	EET ALB	08/06/24 21:04
Total/NA	Prep	300_Prep			9801	KB	EET ALB	08/06/24 11:08
Total/NA	Analysis	300.0		20	9896	EH	EET ALB	08/06/24 18:51

Client Sample ID: L127 8-12'
Lab Sample ID: 885-9087-35
Date Collected: 07/30/24 12:35
Matrix: Solid
Date Received: 08/02/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9677	AT	EET ALB	08/02/24 14:00
Total/NA	Analysis	8015M/D		1	9791	AT	EET ALB	08/05/24 20:14
Total/NA	Prep	5030C			9677	AT	EET ALB	08/02/24 14:00
Total/NA	Analysis	8021B		1	9793	AT	EET ALB	08/05/24 20:14
Total/NA	Prep	SHAKE			9781	EM	EET ALB	08/06/24 09:06
Total/NA	Analysis	8015M/D		1	9807	DH	EET ALB	08/06/24 21:16
Total/NA	Prep	300_Prep			9801	KB	EET ALB	08/06/24 11:08
Total/NA	Analysis	300.0		20	9896	EH	EET ALB	08/06/24 19:53

Client Sample ID: L128 8-12'
Lab Sample ID: 885-9087-36
Date Collected: 07/30/24 12:40
Matrix: Solid
Date Received: 08/02/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9677	AT	EET ALB	08/02/24 14:00
Total/NA	Analysis	8015M/D		1	9791	AT	EET ALB	08/05/24 20:35
Total/NA	Prep	5030C			9677	AT	EET ALB	08/02/24 14:00
Total/NA	Analysis	8021B		1	9793	AT	EET ALB	08/05/24 20:35
Total/NA	Prep	SHAKE			9781	EM	EET ALB	08/06/24 09:06
Total/NA	Analysis	8015M/D		1	9807	DH	EET ALB	08/06/24 21:27

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L128 8-12'

Lab Sample ID: 885-9087-36
Matrix: Solid
Date Collected: 07/30/24 12:40
Date Received: 08/02/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			9801	KB	EET ALB	08/06/24 11:08
Total/NA	Analysis	300.0		20	9896	EH	EET ALB	08/06/24 20:05

Client Sample ID: L129 8-12'

Lab Sample ID: 885-9087-37
Matrix: Solid
Date Collected: 07/30/24 12:45
Date Received: 08/02/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9677	AT	EET ALB	08/02/24 14:00
Total/NA	Analysis	8015M/D		1	9791	AT	EET ALB	08/05/24 20:57
Total/NA	Prep	5030C			9677	AT	EET ALB	08/02/24 14:00
Total/NA	Analysis	8021B		1	9793	AT	EET ALB	08/05/24 20:57
Total/NA	Prep	SHAKE			9781	EM	EET ALB	08/06/24 09:06
Total/NA	Analysis	8015M/D		1	9807	DH	EET ALB	08/06/24 21:38
Total/NA	Prep	300_Prep			9801	KB	EET ALB	08/06/24 11:08
Total/NA	Analysis	300.0		20	9896	EH	EET ALB	08/06/24 20:17

Client Sample ID: L130 8-12'

Lab Sample ID: 885-9087-38
Matrix: Solid
Date Collected: 07/30/24 12:50
Date Received: 08/02/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9677	AT	EET ALB	08/02/24 14:00
Total/NA	Analysis	8015M/D		1	9791	AT	EET ALB	08/05/24 21:19
Total/NA	Prep	5030C			9677	AT	EET ALB	08/02/24 14:00
Total/NA	Analysis	8021B		1	9793	AT	EET ALB	08/05/24 21:19
Total/NA	Prep	SHAKE			9781	EM	EET ALB	08/06/24 09:06
Total/NA	Analysis	8015M/D		1	9807	DH	EET ALB	08/06/24 21:49
Total/NA	Prep	300_Prep			9801	KB	EET ALB	08/06/24 11:08
Total/NA	Analysis	300.0		20	9896	EH	EET ALB	08/06/24 20:30

Client Sample ID: L143 12-16'

Lab Sample ID: 885-9087-39
Matrix: Solid
Date Collected: 07/30/24 13:55
Date Received: 08/02/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9677	AT	EET ALB	08/02/24 14:00
Total/NA	Analysis	8015M/D		1	9791	AT	EET ALB	08/05/24 21:41
Total/NA	Prep	5030C			9677	AT	EET ALB	08/02/24 14:00
Total/NA	Analysis	8021B		1	9793	AT	EET ALB	08/05/24 21:41
Total/NA	Prep	SHAKE			9781	EM	EET ALB	08/06/24 09:06
Total/NA	Analysis	8015M/D		1	9807	DH	EET ALB	08/06/24 22:01
Total/NA	Prep	300_Prep			9801	KB	EET ALB	08/06/24 11:08
Total/NA	Analysis	300.0		20	9896	EH	EET ALB	08/06/24 20:42

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L144 16'
Lab Sample ID: 885-9087-40
Date Collected: 07/30/24 14:00
Matrix: Solid
Date Received: 08/02/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9677	AT	EET ALB	08/02/24 14:00
Total/NA	Analysis	8015M/D		1	9791	AT	EET ALB	08/05/24 22:03
Total/NA	Prep	5030C			9677	AT	EET ALB	08/02/24 14:00
Total/NA	Analysis	8021B		1	9793	AT	EET ALB	08/05/24 22:03
Total/NA	Prep	SHAKE			9781	EM	EET ALB	08/06/24 09:06
Total/NA	Analysis	8015M/D		1	9807	DH	EET ALB	08/06/24 22:12
Total/NA	Prep	300_Prep			9801	KB	EET ALB	08/06/24 11:08
Total/NA	Analysis	300.0		20	9896	EH	EET ALB	08/06/24 20:54

Client Sample ID: L145 16'
Lab Sample ID: 885-9087-41
Date Collected: 07/30/24 14:05
Matrix: Solid
Date Received: 08/02/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9752	AT	EET ALB	08/05/24 15:05
Total/NA	Analysis	8015M/D		1	9890	JP	EET ALB	08/08/24 04:13
Total/NA	Prep	5030C			9752	AT	EET ALB	08/05/24 15:05
Total/NA	Analysis	8021B		1	9891	JP	EET ALB	08/08/24 04:13
Total/NA	Prep	SHAKE			9805	EM	EET ALB	08/06/24 11:25
Total/NA	Analysis	8015M/D		1	9807	DH	EET ALB	08/06/24 23:19
Total/NA	Prep	300_Prep			9811	KB	EET ALB	08/06/24 13:23
Total/NA	Analysis	300.0		20	9896	EH	EET ALB	08/06/24 22:46

Client Sample ID: L146 16'
Lab Sample ID: 885-9087-42
Date Collected: 07/30/24 14:10
Matrix: Solid
Date Received: 08/02/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9752	AT	EET ALB	08/05/24 15:05
Total/NA	Analysis	8015M/D		1	9890	JP	EET ALB	08/08/24 05:24
Total/NA	Prep	5030C			9752	AT	EET ALB	08/05/24 15:05
Total/NA	Analysis	8021B		1	9891	JP	EET ALB	08/08/24 05:24
Total/NA	Prep	SHAKE			9805	EM	EET ALB	08/06/24 11:25
Total/NA	Analysis	8015M/D		1	9807	DH	EET ALB	08/06/24 23:30
Total/NA	Prep	300_Prep			9811	KB	EET ALB	08/06/24 13:23
Total/NA	Analysis	300.0		20	9896	EH	EET ALB	08/06/24 22:58

Client Sample ID: L147 16'
Lab Sample ID: 885-9087-43
Date Collected: 07/30/24 14:15
Matrix: Solid
Date Received: 08/02/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9752	AT	EET ALB	08/05/24 15:05
Total/NA	Analysis	8015M/D		1	9890	JP	EET ALB	08/08/24 06:34

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L147 16'
Date Collected: 07/30/24 14:15
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-43
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9752	AT	EET ALB	08/05/24 15:05
Total/NA	Analysis	8021B		1	9891	JP	EET ALB	08/08/24 06:34
Total/NA	Prep	SHAKE			9805	EM	EET ALB	08/06/24 11:25
Total/NA	Analysis	8015M/D		1	9807	DH	EET ALB	08/06/24 23:41
Total/NA	Prep	300_Prep			9811	KB	EET ALB	08/06/24 13:23
Total/NA	Analysis	300.0		20	9896	EH	EET ALB	08/06/24 23:10

Client Sample ID: L148 16'
Date Collected: 07/30/24 14:20
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-44
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9752	AT	EET ALB	08/05/24 15:05
Total/NA	Analysis	8015M/D		1	9890	JP	EET ALB	08/08/24 06:57
Total/NA	Prep	5030C			9752	AT	EET ALB	08/05/24 15:05
Total/NA	Analysis	8021B		1	9891	JP	EET ALB	08/08/24 06:57
Total/NA	Prep	SHAKE			9805	EM	EET ALB	08/06/24 11:25
Total/NA	Analysis	8015M/D		1	9807	DH	EET ALB	08/06/24 23:52
Total/NA	Prep	300_Prep			9811	KB	EET ALB	08/06/24 13:23
Total/NA	Analysis	300.0		20	9896	EH	EET ALB	08/06/24 23:23

Client Sample ID: L149 16'
Date Collected: 07/30/24 14:25
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-45
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9752	AT	EET ALB	08/05/24 15:05
Total/NA	Analysis	8015M/D		1	9890	JP	EET ALB	08/08/24 07:21
Total/NA	Prep	5030C			9752	AT	EET ALB	08/05/24 15:05
Total/NA	Analysis	8021B		1	9891	JP	EET ALB	08/08/24 07:21
Total/NA	Prep	SHAKE			9805	EM	EET ALB	08/06/24 11:25
Total/NA	Analysis	8015M/D		1	9807	DH	EET ALB	08/07/24 00:04
Total/NA	Prep	300_Prep			9811	KB	EET ALB	08/06/24 13:23
Total/NA	Analysis	300.0		20	9896	EH	EET ALB	08/06/24 23:35

Client Sample ID: L150 16'
Date Collected: 07/30/24 14:30
Date Received: 08/02/24 07:30

Lab Sample ID: 885-9087-46
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9752	AT	EET ALB	08/05/24 15:05
Total/NA	Analysis	8015M/D		1	9890	JP	EET ALB	08/08/24 07:44
Total/NA	Prep	5030C			9752	AT	EET ALB	08/05/24 15:05
Total/NA	Analysis	8021B		1	9891	JP	EET ALB	08/08/24 07:44

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Client Sample ID: L150 16'

Lab Sample ID: 885-9087-46
Matrix: Solid
Date Collected: 07/30/24 14:30
Date Received: 08/02/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			9805	EM	EET ALB	08/06/24 11:25
Total/NA	Analysis	8015M/D		1	9807	DH	EET ALB	08/07/24 00:15
Total/NA	Prep	300_Prep			9811	KB	EET ALB	08/06/24 13:23
Total/NA	Analysis	300.0		20	9896	EH	EET ALB	08/06/24 23:47

Client Sample ID: L151 16'

Lab Sample ID: 885-9087-47
Matrix: Solid
Date Collected: 07/30/24 14:35
Date Received: 08/02/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9752	AT	EET ALB	08/05/24 15:05
Total/NA	Analysis	8015M/D		1	9890	JP	EET ALB	08/08/24 08:08
Total/NA	Prep	5030C			9752	AT	EET ALB	08/05/24 15:05
Total/NA	Analysis	8021B		1	9891	JP	EET ALB	08/08/24 08:08
Total/NA	Prep	SHAKE			9805	EM	EET ALB	08/06/24 11:25
Total/NA	Analysis	8015M/D		1	9807	DH	EET ALB	08/07/24 00:26
Total/NA	Prep	300_Prep			9811	KB	EET ALB	08/06/24 13:23
Total/NA	Analysis	300.0		20	9896	EH	EET ALB	08/07/24 00:49

Client Sample ID: L152 16'

Lab Sample ID: 885-9087-48
Matrix: Solid
Date Collected: 07/30/24 14:40
Date Received: 08/02/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9752	AT	EET ALB	08/05/24 15:05
Total/NA	Analysis	8015M/D		1	9890	JP	EET ALB	08/08/24 08:31
Total/NA	Prep	5030C			9752	AT	EET ALB	08/05/24 15:05
Total/NA	Analysis	8021B		1	9891	JP	EET ALB	08/08/24 08:31
Total/NA	Prep	SHAKE			9805	EM	EET ALB	08/06/24 11:25
Total/NA	Analysis	8015M/D		1	9807	DH	EET ALB	08/07/24 00:37
Total/NA	Prep	300_Prep			9811	KB	EET ALB	08/06/24 13:23
Total/NA	Analysis	300.0		20	9896	EH	EET ALB	08/07/24 01:01

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Devon Energy Corporation
Project/Site: Campana 2M St#001

Job ID: 885-9087-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-26-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
300.0	300_Prep	Solid	Chloride
8015M/D	5030C	Solid	C6-C10
8015M/D	SHAKE	Solid	C10-C28
8015M/D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]
8021B	5030C	Solid	Benzene
8021B	5030C	Solid	Ethylbenzene
8021B	5030C	Solid	Toluene
8021B	5030C	Solid	Xylenes, Total

Oregon	NELAP	NM100001	02-26-25

Released to Imaging: 2/14/2025 3:42:06 PM
Received by OCD: 2/11/2025 8:43:06 AM

Chain-of-Custody Record

Client: Devon Energy
Jim Raley

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time:
☑ Standard ☑ Rush 5 Day

Project Name: Campana 2M St #001

Project #: 5E32074-BG9

Project Manager: Stephanie Hinds

Sampler: MJP

On Ice: ☑ Yes ☐ No

# of Coolers: 1 Boo Boo

Cooler Temp(including CF): 4.1-1.3=2.8 (°C)

HALL ENVIRONMENTAL ANALYSIS LABOR
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 8710
Tel. 505-345-3975 Fax 505-345-4107

885-9087 COC

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
7/29	8:10	Soil	L39 4'	4 oz	ice	1	✓	✓					✓			
	9:05		L42 4'			2										
	9:10		L43 0-4'			3										
	9:35		L48 4'			4										
	9:40		L49 4'			5										
	9:45		L59 0-4'			6										
	10:45		L62 4'			7										
	10:50		L63 0-4'			8										
	10:55		L64 4'			9										
7/29	11:00		L65 0-4'			10										
7/30	7:30		L66 0-4'			11										
7/30	7:40		L68 0-4'			12										

Analysis Request

Date	Time	Relinquished by	Received by	Via	Date	Time
8/1/24	900				8/1/24	900
8/1/24	1900		SCM	COURIER	8/2/24	0730

Remarks:
cc: M. Peppin
Direct bill Devon

If necessary samples submitted to Hall Environmental may be subcontracted to other accredited laboratories This serves as notice of this possibility Any sub-contracted data will be clearly notated on the analytical report.

Released to Imaging: 2/14/2025 3:42:06 PM
Received by OCD: 2/11/2025 8:43:06 AM

Chain-of-Custody Record

Client: Devon Energy
Jim Raley
Mailing Address:

Phone #:
email or Fax#:
QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time:
☑ Standard ☑ Rush 5 Day
Project Name: Campana 2M St #001
Project #: 5E32074-BG9
Project Manager: Stephanie Hinds
Sampler: MJP
On Ice: ☒ Yes ☐ No
# of Coolers: 1 Boo Boo
Cooler Temp(including CF): 0.1-1.3=2.4 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
7/30	7:50	Soil	L70 0-4'	4 oz	ice	13	✓	✓					✓			
	7:55		L71 4'			14										
	8:00		L72 0-4'			15										
	8:05		L73 4'			16										
	8:10		L74 0-4			17										
	8:15		L75 4'			18										
	9:25		L89 4'			19										
	9:30		L90 4'			20										
	9:35		L91 4'			21										
	9:40		L92 4'			22										
	9:45		L93 4'			23										
	9:50		L94 4'			24										

Date	Time	Relinquished by	Received by	Via	Date	Time
8/1/24	900				8/1/24	900
8/1/24	1900		SCM	COURIER	8/2/24	0736

Remarks:
cc: M. Peppin
Direct Bill Devon

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Released to Imaging: 2/14/2025 3:42:06 PM
Received by OCD: 2/11/2025 8:43:06 AM

Chain-of-Custody Record

Client: Devon Energy
Jim Raley

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☑ Standard ☑ Rush 5 Day

Project Name: Campana 2M 5t #001

Project #: 5E32074-BG9

Project Manager: Stephanie Hinds

Sampler: MJP

On Ice: ☒ Yes ☐ No

# of Coolers: 1 Boo Boo

Cooler Temp(including CF): 4.1-1.3=2.8 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
7/30	9:55	Soil	L95 4-8'	4oz	ice	25										
	10:00		L96 4-8'			26										
	10:05		L97 4-8'			27										
	10:10		L98 4-8'			28										
	10:50		L106 4-8'			29										
	12:10		L117 4-8'			30										
	12:15		L118 4-8'			31										
	12:20		L119 8-12'			32										
	12:25		L120 8-12'			33										
	12:30		L121 8-12'			34										
	12:35		L127 8-12'			35										
	12:40		L128 8-12'			36										

Date	Time	Relinquished by	Received by	Via	Date	Time
8/1/24	0900				8/1/24	900
8/1/24	1900		SCM	COURIER	8/2/24	0730

Remarks: cc: M. Peppin
Direct Bill Devon

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories This serves as notice of this possibility Any sub-contracted data will be clearly notated on the analytical report.

Released to Imaging: 2/14/2025 3:42:06 PM
Received by OCD: 2/11/2025 8:43:06 AM

Chain-of-Custody Record

Client: Devon Energy
Jim Raley
Mailing Address:

Phone #:
email or Fax#:
QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time:
☑ Standard ☑ Rush 5 day
Project Name: Campana 2M St #001
Project #: 5E32074-BG9
Project Manager: Stephanie Hinds
Sampler: MJP
On Ice: ☑ Yes ☐ No
# of Coolers: 1 Boo Boo
Cooler Temp(including CF): 4.1-1.3=2.8 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
7/30	12:45	Soil	L129 8-12'	4 oz	ice	37	✓	✓					✓			
	1250		L130 8-12'			38										
	1355		L143 12-16'			39										
	1400		L144 16'			40										
	1405		L145 16'			41										
	1410		L146 16'			42										
	1415		L147 16'			43										
	1420		L148 16'			44										
	1425		L149 16'			45										
	1430		L150 16'			46										
	1435		L151 16'			47										
	1440		L152 16'			48										

Date	Time	Relinquished by	Received by	Via	Date	Time
8/1/24	900				8/1/24	900
8/1/24	1900		SCM	COURIER	8/2/24	0730

Remarks: cc: M. Puppin
Direct bill
SAMPLES 38-48 TIMES PROVIDED BY LABEL. SCM 8/2/24

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories This serves as notice of this possibility Any sub-contracted data will be clearly notated on the analytical report.

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Login Sample Receipt Checklist

Client: Devon Energy Corporation Job Number: 885-9087-1

Login Number: 9087 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: McQuiston, Steven

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Jim Raley
Devon Energy Corporation
6488 Seven Rivers Hwy
Artesia, New Mexico 88210

Generated 8/13/2024 4:49:30 PM

JOB DESCRIPTION

Campaana 2M ST#001

JOB NUMBER

885-9134-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Released to Imaging: 2/14/2025 3:42:00 PM

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



Generated
8/13/2024 4:49:30 PM

Authorized for release by
Andy Freeman, Business Unit Manager
andy.freeman@et.eurofinsus.com
(505)345-3975

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Laboratory Job ID: 885-9134-1

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Definitions/Glossary

Client: Devon Energy Corporation Job ID: 885-9134-1
Project/Site: Campaana 2M ST#001

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Devon Energy Corporation
Project: Campaana 2M ST#001

Job ID: 885-9134-1

Job ID: 885-9134-1 Eurofins Albuquerque

Job Narrative
885-9134-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 8/3/2024 8:14 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.5°C.

Receipt Exceptions
The following samples were listed on the Chain of Custody (COC); however, no samples were received: L50 0-4' (885-9134-1), L51 0-4' (885-9134-2), L76 0-4' (885-9134-3), L77 4' (885-9134-4), L78 0-4' (885-9134-5), L79 4' (885-9134-6), L81 4' (885-9134-7), L82 0-4' (885-9134-8), L83 0-4' (885-9134-9), L84 4' (885-9134-10), L86 4' (885-9134-11), L87 0-4' (885-9134-12), L88 0-4' (885-9134-13), L99 4-8' (885-9134-14), L100 4-8' (885-9134-15), L101 4-8' (885-9134-16), L102 4-8' (885-9134-17), L103 4-8' (885-9134-18), L104 4-8' (885-9134-19), L105 4-8' (885-9134-20), L106 4-8' (885-9134-21), L107 4-8' (885-9134-22), L108 4-8' (885-9134-23), L109 4-8' (885-9134-24), L110 4-8' (885-9134-25), L111 4-8' (885-9134-26), L112 4-8' (885-9134-27), L113 4-8' (885-9134-28), L114 4-8' (885-9134-29), L115 4-8' (885-9134-30), L116 4-8' (885-9134-31), L122 8-12' (885-9134-32), L123 8-12' (885-9134-33), L124 8-12' (885-9134-34), L125 8-12' (885-9134-35), L126 8-12' (885-9134-36), L131 8-12' (885-9134-37), L132 8-12' (885-9134-38), L133 8-12' (885-9134-39), L134 12-16' (885-9134-40), L135 12-16' (885-9134-41), L136 12-16' (885-9134-42), L138 12-16' (885-9134-43), L139 12-16' (885-9134-44), L140 12-16' (885-9134-45), L141 12-16' (885-9134-46) and L142 12-16' (885-9134-47).

Gasoline Range Organics
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L50 0-4'

Date Collected: 07/29/24 09:45
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-1

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		5.0		mg/Kg		08/05/24 15:05	08/08/24 13:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*35 - 166*	*08/05/24 15:05*	*08/08/24 13:28*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/05/24 15:05	08/08/24 13:28	1
Ethylbenzene	ND		0.050		mg/Kg		08/05/24 15:05	08/08/24 13:28	1
Toluene	ND		0.050		mg/Kg		08/05/24 15:05	08/08/24 13:28	1
Xylenes, Total	ND		0.10		mg/Kg		08/05/24 15:05	08/08/24 13:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*48 - 145*	*08/05/24 15:05*	*08/08/24 13:28*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.4		mg/Kg		08/06/24 11:25	08/07/24 00:48	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		08/06/24 11:25	08/07/24 00:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*78*		*62 - 134*	*08/06/24 11:25*	*08/07/24 00:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**210**		60		mg/Kg		08/06/24 13:23	08/07/24 01:14	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L51 0-4'

Date Collected: 07/29/24 09:50
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-2

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.9		mg/Kg		08/05/24 15:05	08/08/24 13:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*35 - 166*	*08/05/24 15:05*	*08/08/24 13:52*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/05/24 15:05	08/08/24 13:52	1
Ethylbenzene	ND		0.049		mg/Kg		08/05/24 15:05	08/08/24 13:52	1
Toluene	ND		0.049		mg/Kg		08/05/24 15:05	08/08/24 13:52	1
Xylenes, Total	ND		0.098		mg/Kg		08/05/24 15:05	08/08/24 13:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*48 - 145*	*08/05/24 15:05*	*08/08/24 13:52*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		8.9		mg/Kg		08/06/24 11:25	08/07/24 01:11	1
Motor Oil Range Organics [C28-C40]	ND		44		mg/Kg		08/06/24 11:25	08/07/24 01:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*91*		*62 - 134*	*08/06/24 11:25*	*08/07/24 01:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/06/24 13:23	08/07/24 01:26	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L76 0-4'

Date Collected: 07/30/24 08:20
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-3

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.9		mg/Kg		08/05/24 15:05	08/08/24 14:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*35 - 166*	*08/05/24 15:05*	*08/08/24 14:15*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/05/24 15:05	08/08/24 14:15	1
Ethylbenzene	ND		0.049		mg/Kg		08/05/24 15:05	08/08/24 14:15	1
Toluene	ND		0.049		mg/Kg		08/05/24 15:05	08/08/24 14:15	1
Xylenes, Total	ND		0.097		mg/Kg		08/05/24 15:05	08/08/24 14:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*48 - 145*	*08/05/24 15:05*	*08/08/24 14:15*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		8.5		mg/Kg		08/06/24 11:25	08/07/24 01:22	1
Motor Oil Range Organics [C28-C40]	ND		43		mg/Kg		08/06/24 11:25	08/07/24 01:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*92*		*62 - 134*	*08/06/24 11:25*	*08/07/24 01:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**140**		60		mg/Kg		08/06/24 13:23	08/07/24 01:38	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L77 4'

Date Collected: 07/30/24 08:25
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-4

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.9		mg/Kg		08/05/24 15:05	08/08/24 14:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*35 - 166*	*08/05/24 15:05*	*08/08/24 14:39*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/05/24 15:05	08/08/24 14:39	1
Ethylbenzene	ND		0.049		mg/Kg		08/05/24 15:05	08/08/24 14:39	1
Toluene	ND		0.049		mg/Kg		08/05/24 15:05	08/08/24 14:39	1
Xylenes, Total	ND		0.098		mg/Kg		08/05/24 15:05	08/08/24 14:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*48 - 145*	*08/05/24 15:05*	*08/08/24 14:39*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.3		mg/Kg		08/06/24 11:25	08/07/24 01:33	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		08/06/24 11:25	08/07/24 01:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*94*		*62 - 134*	*08/06/24 11:25*	*08/07/24 01:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**170**		60		mg/Kg		08/06/24 13:23	08/07/24 01:51	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L78 0-4'

Date Collected: 07/30/24 08:30
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-5

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.7		mg/Kg		08/05/24 15:05	08/08/24 15:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*35 - 166*	*08/05/24 15:05*	*08/08/24 15:02*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/05/24 15:05	08/08/24 15:02	1
Ethylbenzene	ND		0.047		mg/Kg		08/05/24 15:05	08/08/24 15:02	1
Toluene	ND		0.047		mg/Kg		08/05/24 15:05	08/08/24 15:02	1
Xylenes, Total	ND		0.094		mg/Kg		08/05/24 15:05	08/08/24 15:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*48 - 145*	*08/05/24 15:05*	*08/08/24 15:02*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.4		mg/Kg		08/06/24 11:25	08/07/24 01:44	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		08/06/24 11:25	08/07/24 01:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*91*		*62 - 134*	*08/06/24 11:25*	*08/07/24 01:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**640**		60		mg/Kg		08/06/24 13:23	08/07/24 02:28	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L79 4'

Date Collected: 07/30/24 08:35
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-6

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.7		mg/Kg		08/05/24 15:05	08/08/24 15:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*35 - 166*	*08/05/24 15:05*	*08/08/24 15:26*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		08/05/24 15:05	08/08/24 15:26	1
Ethylbenzene	ND		0.047		mg/Kg		08/05/24 15:05	08/08/24 15:26	1
Toluene	ND		0.047		mg/Kg		08/05/24 15:05	08/08/24 15:26	1
Xylenes, Total	ND		0.094		mg/Kg		08/05/24 15:05	08/08/24 15:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*48 - 145*	*08/05/24 15:05*	*08/08/24 15:26*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		8.7		mg/Kg		08/06/24 11:25	08/07/24 01:55	1
Motor Oil Range Organics [C28-C40]	ND		44		mg/Kg		08/06/24 11:25	08/07/24 01:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*94*		*62 - 134*	*08/06/24 11:25*	*08/07/24 01:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**590**		60		mg/Kg		08/06/24 13:23	08/07/24 02:40	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L81 4'

Date Collected: 07/30/24 08:45
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-7

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		5.0		mg/Kg		08/05/24 15:05	08/08/24 15:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*35 - 166*	*08/05/24 15:05*	*08/08/24 15:49*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/05/24 15:05	08/08/24 15:49	1
Ethylbenzene	ND		0.050		mg/Kg		08/05/24 15:05	08/08/24 15:49	1
Toluene	ND		0.050		mg/Kg		08/05/24 15:05	08/08/24 15:49	1
Xylenes, Total	ND		0.099		mg/Kg		08/05/24 15:05	08/08/24 15:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*48 - 145*	*08/05/24 15:05*	*08/08/24 15:49*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.7		mg/Kg		08/06/24 11:25	08/07/24 02:07	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/06/24 11:25	08/07/24 02:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*93*		*62 - 134*	*08/06/24 11:25*	*08/07/24 02:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**520**		60		mg/Kg		08/06/24 13:23	08/07/24 03:17	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L82 0-4'

Date Collected: 07/30/24 08:50
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-8

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.7		mg/Kg		08/05/24 15:05	08/08/24 16:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*35 - 166*	*08/05/24 15:05*	*08/08/24 16:13*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/05/24 15:05	08/08/24 16:13	1
Ethylbenzene	ND		0.047		mg/Kg		08/05/24 15:05	08/08/24 16:13	1
Toluene	ND		0.047		mg/Kg		08/05/24 15:05	08/08/24 16:13	1
Xylenes, Total	ND		0.095		mg/Kg		08/05/24 15:05	08/08/24 16:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*48 - 145*	*08/05/24 15:05*	*08/08/24 16:13*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		10		mg/Kg		08/06/24 11:25	08/07/24 02:18	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/06/24 11:25	08/07/24 02:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*94*		*62 - 134*	*08/06/24 11:25*	*08/07/24 02:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**470**		60		mg/Kg		08/06/24 13:23	08/07/24 03:30	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L83 0-4'

Date Collected: 07/30/24 08:55
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-9

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		5.0		mg/Kg		08/05/24 15:05	08/08/24 16:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*35 - 166*	*08/05/24 15:05*	*08/08/24 16:37*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/05/24 15:05	08/08/24 16:37	1
Ethylbenzene	ND		0.050		mg/Kg		08/05/24 15:05	08/08/24 16:37	1
Toluene	ND		0.050		mg/Kg		08/05/24 15:05	08/08/24 16:37	1
Xylenes, Total	ND		0.099		mg/Kg		08/05/24 15:05	08/08/24 16:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*48 - 145*	*08/05/24 15:05*	*08/08/24 16:37*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		8.9		mg/Kg		08/06/24 11:25	08/07/24 02:29	1
Motor Oil Range Organics [C28-C40]	ND		45		mg/Kg		08/06/24 11:25	08/07/24 02:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*129*		*62 - 134*	*08/06/24 11:25*	*08/07/24 02:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**110**		60		mg/Kg		08/06/24 13:23	08/07/24 03:42	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L84 4'

Date Collected: 07/30/24 09:00
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-10

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.9		mg/Kg		08/05/24 15:05	08/08/24 17:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*35 - 166*	*08/05/24 15:05*	*08/08/24 17:24*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/05/24 15:05	08/09/24 21:51	1
Ethylbenzene	ND		0.049		mg/Kg		08/05/24 15:05	08/09/24 21:51	1
Toluene	ND		0.049		mg/Kg		08/05/24 15:05	08/09/24 21:51	1
Xylenes, Total	ND		0.097		mg/Kg		08/05/24 15:05	08/09/24 21:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*48 - 145*	*08/05/24 15:05*	*08/09/24 21:51*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.8		mg/Kg		08/06/24 11:25	08/07/24 02:40	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/06/24 11:25	08/07/24 02:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*90*		*62 - 134*	*08/06/24 11:25*	*08/07/24 02:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**330**		60		mg/Kg		08/06/24 13:23	08/07/24 03:54	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L86 4'

Date Collected: 07/30/24 09:10
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-11

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.9		mg/Kg		08/05/24 15:05	08/08/24 17:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*35 - 166*	*08/05/24 15:05*	*08/08/24 17:47*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/05/24 15:05	08/09/24 22:38	1
Ethylbenzene	ND		0.049		mg/Kg		08/05/24 15:05	08/09/24 22:38	1
Toluene	ND		0.049		mg/Kg		08/05/24 15:05	08/09/24 22:38	1
Xylenes, Total	ND		0.098		mg/Kg		08/05/24 15:05	08/09/24 22:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*48 - 145*	*08/05/24 15:05*	*08/09/24 22:38*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.1		mg/Kg		08/06/24 11:25	08/07/24 02:52	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		08/06/24 11:25	08/07/24 02:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*97*		*62 - 134*	*08/06/24 11:25*	*08/07/24 02:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**560**		60		mg/Kg		08/06/24 13:23	08/07/24 04:07	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L87 0-4'

Date Collected: 07/30/24 09:15
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-12

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.9		mg/Kg		08/05/24 15:05	08/08/24 18:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*35 - 166*	*08/05/24 15:05*	*08/08/24 18:11*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/05/24 15:05	08/09/24 23:01	1
Ethylbenzene	ND		0.049		mg/Kg		08/05/24 15:05	08/09/24 23:01	1
Toluene	ND		0.049		mg/Kg		08/05/24 15:05	08/09/24 23:01	1
Xylenes, Total	ND		0.099		mg/Kg		08/05/24 15:05	08/09/24 23:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*48 - 145*	*08/05/24 15:05*	*08/09/24 23:01*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.4		mg/Kg		08/06/24 11:25	08/07/24 03:03	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		08/06/24 11:25	08/07/24 03:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*96*		*62 - 134*	*08/06/24 11:25*	*08/07/24 03:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**210**		60		mg/Kg		08/06/24 13:23	08/07/24 04:19	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L88 0-4'

Date Collected: 07/30/24 09:20
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-13

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		5.0		mg/Kg		08/05/24 16:13	08/08/24 21:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*35 - 166*	*08/05/24 16:13*	*08/08/24 21:20*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/05/24 16:13	08/10/24 00:11	1
Ethylbenzene	ND		0.050		mg/Kg		08/05/24 16:13	08/10/24 00:11	1
Toluene	ND		0.050		mg/Kg		08/05/24 16:13	08/10/24 00:11	1
Xylenes, Total	ND		0.099		mg/Kg		08/05/24 16:13	08/10/24 00:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*48 - 145*	*08/05/24 16:13*	*08/10/24 00:11*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.6		mg/Kg		08/06/24 14:39	08/07/24 21:51	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/06/24 14:39	08/07/24 21:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*94*		*62 - 134*	*08/06/24 14:39*	*08/07/24 21:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**680**		60		mg/Kg		08/06/24 15:36	08/07/24 12:16	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L99 4-8'

Date Collected: 07/30/24 10:15
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-14

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		5.0		mg/Kg		08/05/24 16:13	08/10/24 00:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*35 - 166*	*08/05/24 16:13*	*08/10/24 00:58*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/05/24 16:13	08/10/24 00:58	1
Ethylbenzene	ND		0.050		mg/Kg		08/05/24 16:13	08/10/24 00:58	1
Toluene	ND		0.050		mg/Kg		08/05/24 16:13	08/10/24 00:58	1
Xylenes, Total	ND		0.099		mg/Kg		08/05/24 16:13	08/10/24 00:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*48 - 145*	*08/05/24 16:13*	*08/10/24 00:58*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.5		mg/Kg		08/06/24 14:39	08/07/24 22:02	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/06/24 14:39	08/07/24 22:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*95*		*62 - 134*	*08/06/24 14:39*	*08/07/24 22:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**150**		60		mg/Kg		08/06/24 15:36	08/07/24 12:31	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L100 4-8'

Date Collected: 07/30/24 10:20
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-15

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		5.0		mg/Kg		08/05/24 16:13	08/10/24 02:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*35 - 166*	*08/05/24 16:13*	*08/10/24 02:08*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/05/24 16:13	08/10/24 02:08	1
Ethylbenzene	ND		0.050		mg/Kg		08/05/24 16:13	08/10/24 02:08	1
Toluene	ND		0.050		mg/Kg		08/05/24 16:13	08/10/24 02:08	1
Xylenes, Total	ND		0.10		mg/Kg		08/05/24 16:13	08/10/24 02:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*48 - 145*	*08/05/24 16:13*	*08/10/24 02:08*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		8.8		mg/Kg		08/06/24 14:39	08/07/24 22:13	1
Motor Oil Range Organics [C28-C40]	ND		44		mg/Kg		08/06/24 14:39	08/07/24 22:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*121*		*62 - 134*	*08/06/24 14:39*	*08/07/24 22:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**460**		60		mg/Kg		08/06/24 15:36	08/07/24 12:47	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L101 4-8'

Date Collected: 07/30/24 10:25
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-16

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.9		mg/Kg		08/05/24 16:13	08/10/24 02:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*35 - 166*	*08/05/24 16:13*	*08/10/24 02:32*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/05/24 16:13	08/10/24 02:32	1
Ethylbenzene	ND		0.049		mg/Kg		08/05/24 16:13	08/10/24 02:32	1
Toluene	ND		0.049		mg/Kg		08/05/24 16:13	08/10/24 02:32	1
Xylenes, Total	ND		0.097		mg/Kg		08/05/24 16:13	08/10/24 02:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*48 - 145*	*08/05/24 16:13*	*08/10/24 02:32*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.7		mg/Kg		08/06/24 14:39	08/07/24 22:25	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/06/24 14:39	08/07/24 22:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*95*		*62 - 134*	*08/06/24 14:39*	*08/07/24 22:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**340**		60		mg/Kg		08/06/24 15:36	08/07/24 13:02	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L102 4-8'

Date Collected: 07/30/24 10:30
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-17

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.9		mg/Kg		08/05/24 16:13	08/10/24 02:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*35 - 166*	*08/05/24 16:13*	*08/10/24 02:55*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/05/24 16:13	08/10/24 02:55	1
Ethylbenzene	ND		0.049		mg/Kg		08/05/24 16:13	08/10/24 02:55	1
Toluene	ND		0.049		mg/Kg		08/05/24 16:13	08/10/24 02:55	1
Xylenes, Total	ND		0.097		mg/Kg		08/05/24 16:13	08/10/24 02:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*48 - 145*	*08/05/24 16:13*	*08/10/24 02:55*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.8		mg/Kg		08/06/24 14:39	08/07/24 22:36	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/06/24 14:39	08/07/24 22:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*97*		*62 - 134*	*08/06/24 14:39*	*08/07/24 22:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**120**		60		mg/Kg		08/06/24 15:36	08/07/24 13:47	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L103 4-8'

Date Collected: 07/30/24 10:35
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-18

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.6		mg/Kg		08/05/24 16:13	08/10/24 03:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*35 - 166*	*08/05/24 16:13*	*08/10/24 03:19*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		08/05/24 16:13	08/10/24 03:19	1
Ethylbenzene	ND		0.046		mg/Kg		08/05/24 16:13	08/10/24 03:19	1
Toluene	ND		0.046		mg/Kg		08/05/24 16:13	08/10/24 03:19	1
Xylenes, Total	ND		0.092		mg/Kg		08/05/24 16:13	08/10/24 03:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*48 - 145*	*08/05/24 16:13*	*08/10/24 03:19*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.1		mg/Kg		08/06/24 14:39	08/07/24 22:47	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		08/06/24 14:39	08/07/24 22:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*93*		*62 - 134*	*08/06/24 14:39*	*08/07/24 22:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**640**		60		mg/Kg		08/06/24 15:36	08/07/24 14:02	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L105 4-8'

Date Collected: 07/30/24 10:45
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-20

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.7		mg/Kg		08/05/24 16:13	08/10/24 03:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*35 - 166*	*08/05/24 16:13*	*08/10/24 03:42*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/05/24 16:13	08/10/24 03:42	1
Ethylbenzene	ND		0.047		mg/Kg		08/05/24 16:13	08/10/24 03:42	1
Toluene	ND		0.047		mg/Kg		08/05/24 16:13	08/10/24 03:42	1
Xylenes, Total	ND		0.094		mg/Kg		08/05/24 16:13	08/10/24 03:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*48 - 145*	*08/05/24 16:13*	*08/10/24 03:42*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.8		mg/Kg		08/06/24 14:39	08/07/24 22:58	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/06/24 14:39	08/07/24 22:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*96*		*62 - 134*	*08/06/24 14:39*	*08/07/24 22:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**420**		60		mg/Kg		08/06/24 15:36	08/07/24 15:18	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L107 4-8'

Date Collected: 07/30/24 10:55
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-22

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.8		mg/Kg		08/05/24 16:13	08/10/24 04:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*35 - 166*	*08/05/24 16:13*	*08/10/24 04:06*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/05/24 16:13	08/10/24 04:06	1
Ethylbenzene	ND		0.048		mg/Kg		08/05/24 16:13	08/10/24 04:06	1
Toluene	ND		0.048		mg/Kg		08/05/24 16:13	08/10/24 04:06	1
Xylenes, Total	ND		0.096		mg/Kg		08/05/24 16:13	08/10/24 04:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*48 - 145*	*08/05/24 16:13*	*08/10/24 04:06*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.3		mg/Kg		08/06/24 14:39	08/07/24 23:09	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		08/06/24 14:39	08/07/24 23:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*103*		*62 - 134*	*08/06/24 14:39*	*08/07/24 23:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**580**		60		mg/Kg		08/06/24 15:36	08/07/24 15:33	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L108 4-8'

Date Collected: 07/30/24 11:00
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-23

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.9		mg/Kg		08/05/24 16:13	08/10/24 04:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*35 - 166*	*08/05/24 16:13*	*08/10/24 04:29*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/05/24 16:13	08/10/24 04:29	1
Ethylbenzene	ND		0.049		mg/Kg		08/05/24 16:13	08/10/24 04:29	1
Toluene	ND		0.049		mg/Kg		08/05/24 16:13	08/10/24 04:29	1
Xylenes, Total	ND		0.098		mg/Kg		08/05/24 16:13	08/10/24 04:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*48 - 145*	*08/05/24 16:13*	*08/10/24 04:29*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		10		mg/Kg		08/06/24 14:39	08/07/24 23:21	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/06/24 14:39	08/07/24 23:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*95*		*62 - 134*	*08/06/24 14:39*	*08/07/24 23:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**350**		60		mg/Kg		08/06/24 15:36	08/07/24 15:48	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L109 4-8'

Date Collected: 07/30/24 11:05
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-24

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.7		mg/Kg		08/05/24 16:13	08/10/24 04:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*35 - 166*	*08/05/24 16:13*	*08/10/24 04:53*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/05/24 16:13	08/10/24 04:53	1
Ethylbenzene	ND		0.047		mg/Kg		08/05/24 16:13	08/10/24 04:53	1
Toluene	ND		0.047		mg/Kg		08/05/24 16:13	08/10/24 04:53	1
Xylenes, Total	ND		0.095		mg/Kg		08/05/24 16:13	08/10/24 04:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*48 - 145*	*08/05/24 16:13*	*08/10/24 04:53*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.1		mg/Kg		08/06/24 14:39	08/07/24 23:32	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		08/06/24 14:39	08/07/24 23:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*96*		*62 - 134*	*08/06/24 14:39*	*08/07/24 23:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**120**		60		mg/Kg		08/06/24 15:36	08/07/24 16:04	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L110 4-8'

Date Collected: 07/30/24 11:10
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-25

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		5.0		mg/Kg		08/05/24 16:13	08/10/24 05:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*35 - 166*	*08/05/24 16:13*	*08/10/24 05:16*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/05/24 16:13	08/10/24 05:16	1
Ethylbenzene	ND		0.050		mg/Kg		08/05/24 16:13	08/10/24 05:16	1
Toluene	ND		0.050		mg/Kg		08/05/24 16:13	08/10/24 05:16	1
Xylenes, Total	ND		0.10		mg/Kg		08/05/24 16:13	08/10/24 05:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*48 - 145*	*08/05/24 16:13*	*08/10/24 05:16*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		8.9		mg/Kg		08/06/24 14:39	08/07/24 23:54	1
Motor Oil Range Organics [C28-C40]	ND		44		mg/Kg		08/06/24 14:39	08/07/24 23:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*97*		*62 - 134*	*08/06/24 14:39*	*08/07/24 23:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**90**		60		mg/Kg		08/06/24 15:36	08/07/24 16:19	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L111 4-8'

Date Collected: 07/30/24 11:15
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-26

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.7		mg/Kg		08/05/24 16:13	08/10/24 06:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*35 - 166*	*08/05/24 16:13*	*08/10/24 06:03*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		08/05/24 16:13	08/10/24 06:03	1
Ethylbenzene	ND		0.047		mg/Kg		08/05/24 16:13	08/10/24 06:03	1
Toluene	ND		0.047		mg/Kg		08/05/24 16:13	08/10/24 06:03	1
Xylenes, Total	ND		0.093		mg/Kg		08/05/24 16:13	08/10/24 06:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*48 - 145*	*08/05/24 16:13*	*08/10/24 06:03*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.0		mg/Kg		08/06/24 14:39	08/08/24 00:05	1
Motor Oil Range Organics [C28-C40]	ND		45		mg/Kg		08/06/24 14:39	08/08/24 00:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*101*		*62 - 134*	*08/06/24 14:39*	*08/08/24 00:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**130**		60		mg/Kg		08/06/24 15:36	08/07/24 16:34	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L112 4-8'

Date Collected: 07/30/24 11:20
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-27

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.7		mg/Kg		08/05/24 16:13	08/10/24 06:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*35 - 166*	*08/05/24 16:13*	*08/10/24 06:26*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/05/24 16:13	08/10/24 06:26	1
Ethylbenzene	ND		0.047		mg/Kg		08/05/24 16:13	08/10/24 06:26	1
Toluene	ND		0.047		mg/Kg		08/05/24 16:13	08/10/24 06:26	1
Xylenes, Total	ND		0.094		mg/Kg		08/05/24 16:13	08/10/24 06:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*48 - 145*	*08/05/24 16:13*	*08/10/24 06:26*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.4		mg/Kg		08/06/24 14:39	08/08/24 00:16	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		08/06/24 14:39	08/08/24 00:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*101*		*62 - 134*	*08/06/24 14:39*	*08/08/24 00:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**350**		60		mg/Kg		08/06/24 15:36	08/07/24 16:49	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L113 4-8'

Date Collected: 07/30/24 11:25
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-28

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		5.0		mg/Kg		08/05/24 16:13	08/10/24 06:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*35 - 166*	*08/05/24 16:13*	*08/10/24 06:50*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/05/24 16:13	08/10/24 06:50	1
Ethylbenzene	ND		0.050		mg/Kg		08/05/24 16:13	08/10/24 06:50	1
Toluene	ND		0.050		mg/Kg		08/05/24 16:13	08/10/24 06:50	1
Xylenes, Total	ND		0.10		mg/Kg		08/05/24 16:13	08/10/24 06:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*48 - 145*	*08/05/24 16:13*	*08/10/24 06:50*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.7		mg/Kg		08/06/24 14:39	08/08/24 00:28	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/06/24 14:39	08/08/24 00:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*112*		*62 - 134*	*08/06/24 14:39*	*08/08/24 00:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**380**		60		mg/Kg		08/06/24 15:36	08/07/24 17:04	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L114 4-8'

Date Collected: 07/30/24 11:30
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-29

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.6		mg/Kg		08/05/24 16:13	08/10/24 07:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*35 - 166*	*08/05/24 16:13*	*08/10/24 07:13*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		08/05/24 16:13	08/10/24 07:13	1
Ethylbenzene	ND		0.046		mg/Kg		08/05/24 16:13	08/10/24 07:13	1
Toluene	ND		0.046		mg/Kg		08/05/24 16:13	08/10/24 07:13	1
Xylenes, Total	ND		0.093		mg/Kg		08/05/24 16:13	08/10/24 07:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*48 - 145*	*08/05/24 16:13*	*08/10/24 07:13*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.2		mg/Kg		08/06/24 14:39	08/08/24 00:39	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		08/06/24 14:39	08/08/24 00:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*87*		*62 - 134*	*08/06/24 14:39*	*08/08/24 00:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**390**		60		mg/Kg		08/06/24 15:36	08/07/24 17:50	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L115 4-8'

Date Collected: 07/30/24 11:35
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-30

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		5.0		mg/Kg		08/05/24 16:13	08/10/24 07:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*35 - 166*	*08/05/24 16:13*	*08/10/24 07:37*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/05/24 16:13	08/10/24 07:37	1
Ethylbenzene	ND		0.050		mg/Kg		08/05/24 16:13	08/10/24 07:37	1
Toluene	ND		0.050		mg/Kg		08/05/24 16:13	08/10/24 07:37	1
Xylenes, Total	ND		0.10		mg/Kg		08/05/24 16:13	08/10/24 07:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*48 - 145*	*08/05/24 16:13*	*08/10/24 07:37*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.4		mg/Kg		08/06/24 14:39	08/08/24 00:50	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		08/06/24 14:39	08/08/24 00:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*87*		*62 - 134*	*08/06/24 14:39*	*08/08/24 00:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**570**		60		mg/Kg		08/06/24 15:36	08/07/24 18:05	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L116 4-8'

Date Collected: 07/30/24 11:40
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-31

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.9		mg/Kg		08/05/24 16:13	08/10/24 08:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*35 - 166*	*08/05/24 16:13*	*08/10/24 08:00*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/05/24 16:13	08/10/24 08:00	1
Ethylbenzene	ND		0.049		mg/Kg		08/05/24 16:13	08/10/24 08:00	1
Toluene	ND		0.049		mg/Kg		08/05/24 16:13	08/10/24 08:00	1
Xylenes, Total	ND		0.097		mg/Kg		08/05/24 16:13	08/10/24 08:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*48 - 145*	*08/05/24 16:13*	*08/10/24 08:00*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.8		mg/Kg		08/06/24 14:39	08/08/24 01:01	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/06/24 14:39	08/08/24 01:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*84*		*62 - 134*	*08/06/24 14:39*	*08/08/24 01:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**320**		60		mg/Kg		08/06/24 15:36	08/07/24 18:20	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L122 8-12'

Date Collected: 07/30/24 12:10
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-32

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.8		mg/Kg		08/05/24 16:13	08/10/24 08:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*35 - 166*	*08/05/24 16:13*	*08/10/24 08:24*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/05/24 16:13	08/10/24 08:24	1
Ethylbenzene	ND		0.048		mg/Kg		08/05/24 16:13	08/10/24 08:24	1
Toluene	ND		0.048		mg/Kg		08/05/24 16:13	08/10/24 08:24	1
Xylenes, Total	ND		0.096		mg/Kg		08/05/24 16:13	08/10/24 08:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*48 - 145*	*08/05/24 16:13*	*08/10/24 08:24*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.7		mg/Kg		08/06/24 14:39	08/08/24 01:12	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/06/24 14:39	08/08/24 01:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*91*		*62 - 134*	*08/06/24 14:39*	*08/08/24 01:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**260**		60		mg/Kg		08/06/24 15:36	08/07/24 18:35	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L123 8-12'

Date Collected: 07/30/24 12:15
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-33

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.8		mg/Kg		08/05/24 16:13	08/10/24 08:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*35 - 166*	*08/05/24 16:13*	*08/10/24 08:47*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/05/24 16:13	08/10/24 08:47	1
Ethylbenzene	ND		0.048		mg/Kg		08/05/24 16:13	08/10/24 08:47	1
Toluene	ND		0.048		mg/Kg		08/05/24 16:13	08/10/24 08:47	1
Xylenes, Total	ND		0.096		mg/Kg		08/05/24 16:13	08/10/24 08:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*48 - 145*	*08/05/24 16:13*	*08/10/24 08:47*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.8		mg/Kg		08/06/24 14:39	08/08/24 01:23	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/06/24 14:39	08/08/24 01:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*91*		*62 - 134*	*08/06/24 14:39*	*08/08/24 01:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**470**		60		mg/Kg		08/06/24 15:36	08/07/24 18:50	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L124 8-12'

Date Collected: 07/30/24 12:20
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-34

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		5.0		mg/Kg		08/05/24 16:13	08/10/24 09:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*35 - 166*	*08/05/24 16:13*	*08/10/24 09:11*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/05/24 16:13	08/10/24 09:11	1
Ethylbenzene	ND		0.050		mg/Kg		08/05/24 16:13	08/10/24 09:11	1
Toluene	ND		0.050		mg/Kg		08/05/24 16:13	08/10/24 09:11	1
Xylenes, Total	ND		0.099		mg/Kg		08/05/24 16:13	08/10/24 09:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*48 - 145*	*08/05/24 16:13*	*08/10/24 09:11*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.6		mg/Kg		08/06/24 14:39	08/08/24 01:34	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/06/24 14:39	08/08/24 01:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*90*		*62 - 134*	*08/06/24 14:39*	*08/08/24 01:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**260**		60		mg/Kg		08/06/24 15:36	08/07/24 19:05	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L125 8-12'

Date Collected: 07/30/24 12:25
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-35

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		5.0		mg/Kg		08/06/24 08:23	08/10/24 18:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*35 - 166*	*08/06/24 08:23*	*08/10/24 18:39*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/06/24 08:23	08/10/24 18:39	1
Ethylbenzene	ND		0.050		mg/Kg		08/06/24 08:23	08/10/24 18:39	1
Toluene	ND		0.050		mg/Kg		08/06/24 08:23	08/10/24 18:39	1
Xylenes, Total	ND		0.10		mg/Kg		08/06/24 08:23	08/10/24 18:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*48 - 145*	*08/06/24 08:23*	*08/10/24 18:39*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.8		mg/Kg		08/06/24 15:37	08/07/24 16:41	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/06/24 15:37	08/07/24 16:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*93*		*62 - 134*	*08/06/24 15:37*	*08/07/24 16:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**320**		60		mg/Kg		08/06/24 16:41	08/07/24 15:13	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L126 8-12'

Date Collected: 07/30/24 12:30
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-36

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.7		mg/Kg		08/06/24 08:23	08/10/24 11:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*35 - 166*	*08/06/24 08:23*	*08/10/24 11:08*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/06/24 08:23	08/10/24 11:08	1
Ethylbenzene	ND		0.047		mg/Kg		08/06/24 08:23	08/10/24 11:08	1
Toluene	ND		0.047		mg/Kg		08/06/24 08:23	08/10/24 11:08	1
Xylenes, Total	ND		0.095		mg/Kg		08/06/24 08:23	08/10/24 11:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*48 - 145*	*08/06/24 08:23*	*08/10/24 11:08*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.5		mg/Kg		08/06/24 15:37	08/07/24 16:52	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/06/24 15:37	08/07/24 16:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*115*		*62 - 134*	*08/06/24 15:37*	*08/07/24 16:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/06/24 16:41	08/07/24 15:26	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L131 8-12'

Date Collected: 07/30/24 12:55
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-37

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.7		mg/Kg		08/06/24 08:23	08/10/24 11:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*35 - 166*	*08/06/24 08:23*	*08/10/24 11:55*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		08/06/24 08:23	08/10/24 11:55	1
Ethylbenzene	ND		0.047		mg/Kg		08/06/24 08:23	08/10/24 11:55	1
Toluene	ND		0.047		mg/Kg		08/06/24 08:23	08/10/24 11:55	1
Xylenes, Total	ND		0.094		mg/Kg		08/06/24 08:23	08/10/24 11:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*48 - 145*	*08/06/24 08:23*	*08/10/24 11:55*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.1		mg/Kg		08/06/24 15:37	08/07/24 17:03	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		08/06/24 15:37	08/07/24 17:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*115*		*62 - 134*	*08/06/24 15:37*	*08/07/24 17:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**330**		60		mg/Kg		08/06/24 16:41	08/07/24 15:39	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L132 8-12'

Date Collected: 07/30/24 13:00
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-38

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.8		mg/Kg		08/06/24 08:23	08/10/24 12:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*35 - 166*	*08/06/24 08:23*	*08/10/24 12:19*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/06/24 08:23	08/10/24 12:19	1
Ethylbenzene	ND		0.048		mg/Kg		08/06/24 08:23	08/10/24 12:19	1
Toluene	ND		0.048		mg/Kg		08/06/24 08:23	08/10/24 12:19	1
Xylenes, Total	ND		0.095		mg/Kg		08/06/24 08:23	08/10/24 12:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*48 - 145*	*08/06/24 08:23*	*08/10/24 12:19*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.6		mg/Kg		08/06/24 15:37	08/07/24 17:14	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/06/24 15:37	08/07/24 17:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*112*		*62 - 134*	*08/06/24 15:37*	*08/07/24 17:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**420**		60		mg/Kg		08/06/24 16:41	08/07/24 15:51	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L133 8-12'

Date Collected: 07/30/24 13:05
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-39

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.8		mg/Kg		08/06/24 08:23	08/10/24 12:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*35 - 166*	*08/06/24 08:23*	*08/10/24 12:42*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/06/24 08:23	08/10/24 12:42	1
Ethylbenzene	ND		0.048		mg/Kg		08/06/24 08:23	08/10/24 12:42	1
Toluene	ND		0.048		mg/Kg		08/06/24 08:23	08/10/24 12:42	1
Xylenes, Total	ND		0.097		mg/Kg		08/06/24 08:23	08/10/24 12:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*48 - 145*	*08/06/24 08:23*	*08/10/24 12:42*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.6		mg/Kg		08/06/24 15:37	08/07/24 17:25	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/06/24 15:37	08/07/24 17:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*104*		*62 - 134*	*08/06/24 15:37*	*08/07/24 17:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**300**		60		mg/Kg		08/06/24 16:41	08/07/24 16:04	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L134 12-16'

Date Collected: 07/30/24 13:10
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-40

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.9		mg/Kg		08/06/24 08:23	08/10/24 13:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*35 - 166*	*08/06/24 08:23*	*08/10/24 13:06*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/06/24 08:23	08/10/24 13:06	1
Ethylbenzene	ND		0.049		mg/Kg		08/06/24 08:23	08/10/24 13:06	1
Toluene	ND		0.049		mg/Kg		08/06/24 08:23	08/10/24 13:06	1
Xylenes, Total	ND		0.099		mg/Kg		08/06/24 08:23	08/10/24 13:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*48 - 145*	*08/06/24 08:23*	*08/10/24 13:06*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.2		mg/Kg		08/06/24 15:37	08/07/24 17:36	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		08/06/24 15:37	08/07/24 17:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*91*		*62 - 134*	*08/06/24 15:37*	*08/07/24 17:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**190**		60		mg/Kg		08/06/24 16:41	08/07/24 17:17	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L135 12-16'

Date Collected: 07/30/24 13:15
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-41

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.7		mg/Kg		08/06/24 08:23	08/10/24 13:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*35 - 166*	*08/06/24 08:23*	*08/10/24 13:29*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/06/24 08:23	08/10/24 13:29	1
Ethylbenzene	ND		0.047		mg/Kg		08/06/24 08:23	08/10/24 13:29	1
Toluene	ND		0.047		mg/Kg		08/06/24 08:23	08/10/24 13:29	1
Xylenes, Total	ND		0.095		mg/Kg		08/06/24 08:23	08/10/24 13:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*48 - 145*	*08/06/24 08:23*	*08/10/24 13:29*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.4		mg/Kg		08/06/24 15:37	08/07/24 17:47	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		08/06/24 15:37	08/07/24 17:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*110*		*62 - 134*	*08/06/24 15:37*	*08/07/24 17:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**90**		60		mg/Kg		08/06/24 16:41	08/07/24 16:30	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L136 12-16'

Date Collected: 07/30/24 13:20
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-42

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.9		mg/Kg		08/06/24 08:23	08/10/24 13:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*35 - 166*	*08/06/24 08:23*	*08/10/24 13:53*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/06/24 08:23	08/10/24 13:53	1
Ethylbenzene	ND		0.049		mg/Kg		08/06/24 08:23	08/10/24 13:53	1
Toluene	ND		0.049		mg/Kg		08/06/24 08:23	08/10/24 13:53	1
Xylenes, Total	ND		0.099		mg/Kg		08/06/24 08:23	08/10/24 13:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*48 - 145*	*08/06/24 08:23*	*08/10/24 13:53*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.7		mg/Kg		08/06/24 15:37	08/07/24 17:59	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/06/24 15:37	08/07/24 17:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*121*		*62 - 134*	*08/06/24 15:37*	*08/07/24 17:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**230**		60		mg/Kg		08/06/24 16:41	08/07/24 16:43	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L138 12-16'

Date Collected: 07/30/24 13:30
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-43

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.8		mg/Kg		08/06/24 08:23	08/10/24 14:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*35 - 166*	*08/06/24 08:23*	*08/10/24 14:16*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/06/24 08:23	08/10/24 14:16	1
Ethylbenzene	ND		0.048		mg/Kg		08/06/24 08:23	08/10/24 14:16	1
Toluene	ND		0.048		mg/Kg		08/06/24 08:23	08/10/24 14:16	1
Xylenes, Total	ND		0.097		mg/Kg		08/06/24 08:23	08/10/24 14:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*48 - 145*	*08/06/24 08:23*	*08/10/24 14:16*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.1		mg/Kg		08/06/24 15:37	08/07/24 18:22	1
Motor Oil Range Organics [C28-C40]	ND		45		mg/Kg		08/06/24 15:37	08/07/24 18:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*66*		*62 - 134*	*08/06/24 15:37*	*08/07/24 18:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**170**		60		mg/Kg		08/06/24 16:41	08/07/24 16:56	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L139 12-16'

Date Collected: 07/30/24 13:35
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-44

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.8		mg/Kg		08/06/24 08:23	08/10/24 14:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*35 - 166*	*08/06/24 08:23*	*08/10/24 14:40*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/06/24 08:23	08/10/24 14:40	1
Ethylbenzene	ND		0.048		mg/Kg		08/06/24 08:23	08/10/24 14:40	1
Toluene	ND		0.048		mg/Kg		08/06/24 08:23	08/10/24 14:40	1
Xylenes, Total	ND		0.096		mg/Kg		08/06/24 08:23	08/10/24 14:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*48 - 145*	*08/06/24 08:23*	*08/10/24 14:40*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.4		mg/Kg		08/06/24 15:37	08/07/24 18:33	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		08/06/24 15:37	08/07/24 18:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*96*		*62 - 134*	*08/06/24 15:37*	*08/07/24 18:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**170**		60		mg/Kg		08/06/24 16:41	08/07/24 17:34	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L140 12-16'

Date Collected: 07/30/24 13:40
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-45

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.8		mg/Kg		08/06/24 08:23	08/10/24 15:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*35 - 166*	*08/06/24 08:23*	*08/10/24 15:03*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/06/24 08:23	08/10/24 15:03	1
Ethylbenzene	ND		0.048		mg/Kg		08/06/24 08:23	08/10/24 15:03	1
Toluene	ND		0.048		mg/Kg		08/06/24 08:23	08/10/24 15:03	1
Xylenes, Total	ND		0.097		mg/Kg		08/06/24 08:23	08/10/24 15:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*48 - 145*	*08/06/24 08:23*	*08/10/24 15:03*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.9		mg/Kg		08/06/24 15:37	08/07/24 18:44	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/06/24 15:37	08/07/24 18:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*98*		*62 - 134*	*08/06/24 15:37*	*08/07/24 18:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**240**		60		mg/Kg		08/06/24 16:41	08/07/24 17:47	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L141 12-16'

Date Collected: 07/30/24 13:45
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-46

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.9		mg/Kg		08/06/24 08:23	08/10/24 15:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*35 - 166*	*08/06/24 08:23*	*08/10/24 15:27*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/06/24 08:23	08/10/24 15:27	1
Ethylbenzene	ND		0.049		mg/Kg		08/06/24 08:23	08/10/24 15:27	1
Toluene	ND		0.049		mg/Kg		08/06/24 08:23	08/10/24 15:27	1
Xylenes, Total	ND		0.099		mg/Kg		08/06/24 08:23	08/10/24 15:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*48 - 145*	*08/06/24 08:23*	*08/10/24 15:27*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.7		mg/Kg		08/06/24 15:37	08/07/24 18:56	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/06/24 15:37	08/07/24 18:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*73*		*62 - 134*	*08/06/24 15:37*	*08/07/24 18:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**240**		60		mg/Kg		08/06/24 16:41	08/07/24 18:00	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L142 12-16'

Date Collected: 07/30/24 13:50
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-47

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.8		mg/Kg		08/06/24 08:23	08/10/24 22:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*35 - 166*	*08/06/24 08:23*	*08/10/24 22:10*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/06/24 08:23	08/10/24 22:10	1
Ethylbenzene	ND		0.048		mg/Kg		08/06/24 08:23	08/10/24 22:10	1
Toluene	ND		0.048		mg/Kg		08/06/24 08:23	08/10/24 22:10	1
Xylenes, Total	ND		0.096		mg/Kg		08/06/24 08:23	08/10/24 22:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*48 - 145*	*08/06/24 08:23*	*08/10/24 22:10*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.3		mg/Kg		08/06/24 15:37	08/07/24 19:07	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		08/06/24 15:37	08/07/24 19:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*97*		*62 - 134*	*08/06/24 15:37*	*08/07/24 19:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**480**		60		mg/Kg		08/06/24 16:41	08/07/24 18:13	20

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-9759/1-A
Matrix: Solid
Analysis Batch: 9956

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9759

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		5.0		mg/Kg		08/05/24 16:13	08/08/24 20:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*35 - 166*	*08/05/24 16:13*	*08/08/24 20:56*	*1*

Lab Sample ID: LCS 885-9759/2-A
Matrix: Solid
Analysis Batch: 9956

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9759

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
C6-C10			25.0	22.0		mg/Kg		88	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*201*		*35 - 166*

Lab Sample ID: 885-9134-13 MS
Matrix: Solid
Analysis Batch: 9956

Client Sample ID: L88 0-4'
Prep Type: Total/NA
Prep Batch: 9759

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
C6-C10	ND		24.7	24.3		mg/Kg		98	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*211*		*35 - 166*

Lab Sample ID: 885-9134-13 MSD
Matrix: Solid
Analysis Batch: 9956

Client Sample ID: L88 0-4'
Prep Type: Total/NA
Prep Batch: 9759

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C6-C10	ND		24.8	24.1		mg/Kg		97	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*209*		*35 - 166*

Lab Sample ID: MB 885-9773/1-A
Matrix: Solid
Analysis Batch: 10028

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9773

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		5.0		mg/Kg		08/06/24 08:23	08/10/24 10:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*35 - 166*	*08/06/24 08:23*	*08/10/24 10:45*	*1*

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC) (Continued)

Lab Sample ID: LCS 885-9773/2-A
Matrix: Solid
Analysis Batch: 10028

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9773

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
C6-C10			25.0	22.7		mg/Kg		91	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*198*		*35 - 166*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-9759/1-A
Matrix: Solid
Analysis Batch: 10030

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9759

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/05/24 16:13	08/09/24 23:48	1
Ethylbenzene	ND		0.050		mg/Kg		08/05/24 16:13	08/09/24 23:48	1
Toluene	ND		0.050		mg/Kg		08/05/24 16:13	08/09/24 23:48	1
Xylenes, Total	ND		0.10		mg/Kg		08/05/24 16:13	08/09/24 23:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*48 - 145*	*08/05/24 16:13*	*08/09/24 23:48*	*1*

Lab Sample ID: LCS 885-9759/3-A
Matrix: Solid
Analysis Batch: 10030

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9759

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	0.933		mg/Kg		93	70 - 130		
Ethylbenzene			1.00	0.851		mg/Kg		85	70 - 130		
Toluene			1.00	0.874		mg/Kg		87	70 - 130		
m,p-Xylene			2.00	1.71		mg/Kg		85	70 - 130		
o-Xylene			1.00	0.818		mg/Kg		82	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*48 - 145*

Lab Sample ID: 885-9134-14 MS
Matrix: Solid
Analysis Batch: 10030

Client Sample ID: L99 4-8'
Prep Type: Total/NA
Prep Batch: 9759

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	ND		0.996	0.880		mg/Kg		88	70 - 130		
Ethylbenzene	ND		0.996	0.819		mg/Kg		82	70 - 130		
Toluene	ND		0.996	0.834		mg/Kg		82	70 - 130		
m,p-Xylene	ND		1.99	1.65		mg/Kg		82	70 - 130		
o-Xylene	ND		0.996	0.793		mg/Kg		80	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*89*		*48 - 145*

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 885-9134-14 MSD
Matrix: Solid
Analysis Batch: 10030

Client Sample ID: L99 4-8'
Prep Type: Total/NA
Prep Batch: 9759

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.993	0.891		mg/Kg		90	70 - 130	1	20
Ethylbenzene	ND		0.993	0.829		mg/Kg		83	70 - 130	1	20
Toluene	ND		0.993	0.857		mg/Kg		85	70 - 130	3	20
m,p-Xylene	ND		1.99	1.67		mg/Kg		83	70 - 130	1	20
o-Xylene	ND		0.993	0.806		mg/Kg		81	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*48 - 145*

Lab Sample ID: MB 885-9773/1-A
Matrix: Solid
Analysis Batch: 10030

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9773

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/06/24 08:23	08/10/24 10:45	1
Ethylbenzene	ND		0.050		mg/Kg		08/06/24 08:23	08/10/24 10:45	1
Toluene	ND		0.050		mg/Kg		08/06/24 08:23	08/10/24 10:45	1
Xylenes, Total	ND		0.10		mg/Kg		08/06/24 08:23	08/10/24 10:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*48 - 145*	*08/06/24 08:23*	*08/10/24 10:45*	*1*

Lab Sample ID: LCS 885-9773/3-A
Matrix: Solid
Analysis Batch: 10030

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9773

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	0.910		mg/Kg		91	70 - 130		
Ethylbenzene			1.00	0.834		mg/Kg		83	70 - 130		
Toluene			1.00	0.848		mg/Kg		85	70 - 130		
m,p-Xylene			2.00	1.66		mg/Kg		83	70 - 130		
o-Xylene			1.00	0.800		mg/Kg		80	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*48 - 145*

Lab Sample ID: MB 885-9803/1-A
Matrix: Solid
Analysis Batch: 10072

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9803

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/06/24 11:08	08/11/24 01:18	1
Ethylbenzene	ND		0.050		mg/Kg		08/06/24 11:08	08/11/24 01:18	1
Toluene	ND		0.050		mg/Kg		08/06/24 11:08	08/11/24 01:18	1
Xylenes, Total	ND		0.10		mg/Kg		08/06/24 11:08	08/11/24 01:18	1

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 885-9803/1-A
Matrix: Solid
Analysis Batch: 10072

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9803

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		48 - 145	08/06/24 11:08	08/11/24 01:18	1

Lab Sample ID: LCS 885-9803/3-A
Matrix: Solid
Analysis Batch: 10072

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9803

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.924		mg/Kg		92	70 - 130
Ethylbenzene	1.00	0.847		mg/Kg		85	70 - 130
Toluene	1.00	0.870		mg/Kg		87	70 - 130
m,p-Xylene	2.00	1.70		mg/Kg		85	70 - 130
o-Xylene	1.00	0.818		mg/Kg		82	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		48 - 145

Method: 8015M/D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-9805/1-A
Matrix: Solid
Analysis Batch: 9807

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9805

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		10		mg/Kg		08/06/24 11:25	08/06/24 22:57	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/06/24 11:25	08/06/24 22:57	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	90		62 - 134	08/06/24 11:25	08/06/24 22:57	1

Lab Sample ID: LCS 885-9805/2-A
Matrix: Solid
Analysis Batch: 9807

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9805

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
C10-C28	50.0	43.7		mg/Kg		87	60 - 135

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Di-n-octyl phthalate (Surr)	86		62 - 134

Lab Sample ID: 885-9134-12 MS
Matrix: Solid
Analysis Batch: 9807

Client Sample ID: L87 0-4'
Prep Type: Total/NA
Prep Batch: 9805

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
C10-C28	ND		45.4	41.9		mg/Kg		92	44 - 136

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Method: 8015M/D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 885-9134-12 MS
Matrix: Solid
Analysis Batch: 9807

Client Sample ID: L87 0-4'
Prep Type: Total/NA
Prep Batch: 9805

Surrogate	MS %Recovery	MS Qualifier	Limits
Di-n-octyl phthalate (Surr)	*93*		*62 - 134*

Lab Sample ID: 885-9134-12 MSD
Matrix: Solid
Analysis Batch: 9807

Client Sample ID: L87 0-4'
Prep Type: Total/NA
Prep Batch: 9805

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28	ND		44.7	50.9		mg/Kg		114	44 - 136	19	32

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Di-n-octyl phthalate (Surr)	*118*		*62 - 134*

Lab Sample ID: MB 885-9822/1-A
Matrix: Solid
Analysis Batch: 9893

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9822

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		10		mg/Kg		08/06/24 14:39	08/07/24 21:28	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/06/24 14:39	08/07/24 21:28	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	*88*		*62 - 134*	*08/06/24 14:39*	*08/07/24 21:28*	*1*

Lab Sample ID: LCS 885-9822/2-A
Matrix: Solid
Analysis Batch: 9893

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9822

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			50.0	53.6		mg/Kg		107	60 - 135		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Di-n-octyl phthalate (Surr)	*118*		*62 - 134*

Lab Sample ID: 885-9134-34 MS
Matrix: Solid
Analysis Batch: 9893

Client Sample ID: L124 8-12'
Prep Type: Total/NA
Prep Batch: 9822

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28	ND		47.1	44.0		mg/Kg		94	44 - 136		

Surrogate	MS %Recovery	MS Qualifier	Limits
Di-n-octyl phthalate (Surr)	*95*		*62 - 134*

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Method: 8015M/D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 885-9134-34 MSD — **Client Sample ID: L124 8-12'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 9893 — **Prep Batch: 9822**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28	ND		47.6	44.3		mg/Kg		93	44 - 136	1	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*98*		*62 - 134*

Lab Sample ID: MB 885-9829/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 9893 — **Prep Batch: 9829**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		10		mg/Kg		08/06/24 15:37	08/07/24 15:58	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/06/24 15:37	08/07/24 15:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*98*		*62 - 134*	*08/06/24 15:37*	*08/07/24 15:58*	*1*

Lab Sample ID: LCS 885-9829/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 9893 — **Prep Batch: 9829**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			50.0	48.3		mg/Kg		97	60 - 135		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*107*		*62 - 134*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-9811/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 9896 — **Prep Batch: 9811**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.5		mg/Kg		08/06/24 13:23	08/06/24 22:21	1

Lab Sample ID: LCS 885-9811/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 9896 — **Prep Batch: 9811**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			15.0	14.2		mg/Kg		95	90 - 110		

Lab Sample ID: 885-9134-4 MS — **Client Sample ID: L77 4'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 9896 — **Prep Batch: 9811**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	170		30.0	202	4	mg/Kg		92	50 - 150		

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 885-9134-4 MSD — **Client Sample ID: L77 4'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 9896 — **Prep Batch: 9811**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	170		30.0	200	4	mg/Kg		87	50 - 150	1	20

Lab Sample ID: MB 885-9828/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 9920 — **Prep Batch: 9828**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.5		mg/Kg		08/06/24 15:36	08/07/24 11:46	1

Lab Sample ID: LCS 885-9828/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 9920 — **Prep Batch: 9828**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			15.0	15.6		mg/Kg		104	90 - 110		

Lab Sample ID: 885-9134-16 MS — **Client Sample ID: L101 4-8'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 9920 — **Prep Batch: 9828**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	340		30.1	364	4	mg/Kg		63	50 - 150		

Lab Sample ID: 885-9134-16 MSD — **Client Sample ID: L101 4-8'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 9920 — **Prep Batch: 9828**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	340		30.1	379	4	mg/Kg		114	50 - 150	4	20

Lab Sample ID: 885-9134-17 MS — **Client Sample ID: L102 4-8'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 9920 — **Prep Batch: 9828**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	120		30.1	143		mg/Kg		88	50 - 150		

Lab Sample ID: 885-9134-17 MSD — **Client Sample ID: L102 4-8'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 9920 — **Prep Batch: 9828**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	120		30.1	146		mg/Kg		99	50 - 150	2	20

Lab Sample ID: MB 885-9838/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 9915 — **Prep Batch: 9838**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0		mg/Kg		08/06/24 16:41	08/07/24 13:56	1

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 885-9838/2-A
Matrix: Solid
Analysis Batch: 9915

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9838

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			30.0	29.0		mg/Kg		97	90 - 110		

Lab Sample ID: 885-9134-38 MS
Matrix: Solid
Analysis Batch: 9915

Client Sample ID: L132 8-12'
Prep Type: Total/NA
Prep Batch: 9838

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	420		30.2	474	4	mg/Kg		166	50 - 150		

Lab Sample ID: 885-9134-38 MSD
Matrix: Solid
Analysis Batch: 9915

Client Sample ID: L132 8-12'
Prep Type: Total/NA
Prep Batch: 9838

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	420		29.9	464	4	mg/Kg		134	50 - 150	NC	20

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

GC VOA

Prep Batch: 9752

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9134-1	L50 0-4'	Total/NA	Solid	5030C	
885-9134-2	L51 0-4'	Total/NA	Solid	5030C	
885-9134-3	L76 0-4'	Total/NA	Solid	5030C	
885-9134-4	L77 4'	Total/NA	Solid	5030C	
885-9134-5	L78 0-4'	Total/NA	Solid	5030C	
885-9134-6	L79 4'	Total/NA	Solid	5030C	
885-9134-7	L81 4'	Total/NA	Solid	5030C	
885-9134-8	L82 0-4'	Total/NA	Solid	5030C	
885-9134-9	L83 0-4'	Total/NA	Solid	5030C	
885-9134-10	L84 4'	Total/NA	Solid	5030C	
885-9134-11	L86 4'	Total/NA	Solid	5030C	
885-9134-12	L87 0-4'	Total/NA	Solid	5030C	

Prep Batch: 9759

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9134-13	L88 0-4'	Total/NA	Solid	5030C	
885-9134-14	L99 4-8'	Total/NA	Solid	5030C	
885-9134-15	L100 4-8'	Total/NA	Solid	5030C	
885-9134-16	L101 4-8'	Total/NA	Solid	5030C	
885-9134-17	L102 4-8'	Total/NA	Solid	5030C	
885-9134-18	L103 4-8'	Total/NA	Solid	5030C	
885-9134-20	L105 4-8'	Total/NA	Solid	5030C	
885-9134-22	L107 4-8'	Total/NA	Solid	5030C	
885-9134-23	L108 4-8'	Total/NA	Solid	5030C	
885-9134-24	L109 4-8'	Total/NA	Solid	5030C	
885-9134-25	L110 4-8'	Total/NA	Solid	5030C	
885-9134-26	L111 4-8'	Total/NA	Solid	5030C	
885-9134-27	L112 4-8'	Total/NA	Solid	5030C	
885-9134-28	L113 4-8'	Total/NA	Solid	5030C	
885-9134-29	L114 4-8'	Total/NA	Solid	5030C	
885-9134-30	L115 4-8'	Total/NA	Solid	5030C	
885-9134-31	L116 4-8'	Total/NA	Solid	5030C	
885-9134-32	L122 8-12'	Total/NA	Solid	5030C	
885-9134-33	L123 8-12'	Total/NA	Solid	5030C	
885-9134-34	L124 8-12'	Total/NA	Solid	5030C	
MB 885-9759/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-9759/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-9759/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-9134-13 MS	L88 0-4'	Total/NA	Solid	5030C	
885-9134-13 MSD	L88 0-4'	Total/NA	Solid	5030C	
885-9134-14 MS	L99 4-8'	Total/NA	Solid	5030C	
885-9134-14 MSD	L99 4-8'	Total/NA	Solid	5030C	

Prep Batch: 9773

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9134-35	L125 8-12'	Total/NA	Solid	5030C	
885-9134-36	L126 8-12'	Total/NA	Solid	5030C	
885-9134-37	L131 8-12'	Total/NA	Solid	5030C	
885-9134-38	L132 8-12'	Total/NA	Solid	5030C	
885-9134-39	L133 8-12'	Total/NA	Solid	5030C	
885-9134-40	L134 12-16'	Total/NA	Solid	5030C	

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

GC VOA (Continued)

Prep Batch: 9773 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9134-41	L135 12-16'	Total/NA	Solid	5030C	
885-9134-42	L136 12-16'	Total/NA	Solid	5030C	
885-9134-43	L138 12-16'	Total/NA	Solid	5030C	
885-9134-44	L139 12-16'	Total/NA	Solid	5030C	
885-9134-45	L140 12-16'	Total/NA	Solid	5030C	
885-9134-46	L141 12-16'	Total/NA	Solid	5030C	
885-9134-47	L142 12-16'	Total/NA	Solid	5030C	
MB 885-9773/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-9773/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-9773/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Prep Batch: 9803

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-9803/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-9803/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Analysis Batch: 9956

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9134-1	L50 0-4'	Total/NA	Solid	8015M/D	9752
885-9134-2	L51 0-4'	Total/NA	Solid	8015M/D	9752
885-9134-3	L76 0-4'	Total/NA	Solid	8015M/D	9752
885-9134-4	L77 4'	Total/NA	Solid	8015M/D	9752
885-9134-5	L78 0-4'	Total/NA	Solid	8015M/D	9752
885-9134-6	L79 4'	Total/NA	Solid	8015M/D	9752
885-9134-7	L81 4'	Total/NA	Solid	8015M/D	9752
885-9134-8	L82 0-4'	Total/NA	Solid	8015M/D	9752
885-9134-9	L83 0-4'	Total/NA	Solid	8015M/D	9752
885-9134-10	L84 4'	Total/NA	Solid	8015M/D	9752
885-9134-11	L86 4'	Total/NA	Solid	8015M/D	9752
885-9134-12	L87 0-4'	Total/NA	Solid	8015M/D	9752
885-9134-13	L88 0-4'	Total/NA	Solid	8015M/D	9759
MB 885-9759/1-A	Method Blank	Total/NA	Solid	8015M/D	9759
LCS 885-9759/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	9759
885-9134-13 MS	L88 0-4'	Total/NA	Solid	8015M/D	9759
885-9134-13 MSD	L88 0-4'	Total/NA	Solid	8015M/D	9759

Analysis Batch: 9957

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9134-1	L50 0-4'	Total/NA	Solid	8021B	9752
885-9134-2	L51 0-4'	Total/NA	Solid	8021B	9752
885-9134-3	L76 0-4'	Total/NA	Solid	8021B	9752
885-9134-4	L77 4'	Total/NA	Solid	8021B	9752
885-9134-5	L78 0-4'	Total/NA	Solid	8021B	9752
885-9134-6	L79 4'	Total/NA	Solid	8021B	9752
885-9134-7	L81 4'	Total/NA	Solid	8021B	9752
885-9134-8	L82 0-4'	Total/NA	Solid	8021B	9752
885-9134-9	L83 0-4'	Total/NA	Solid	8021B	9752

Analysis Batch: 10028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9134-14	L99 4-8'	Total/NA	Solid	8015M/D	9759

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

GC VOA (Continued)

Analysis Batch: 10028 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9134-15	L100 4-8'	Total/NA	Solid	8015M/D	9759
885-9134-16	L101 4-8'	Total/NA	Solid	8015M/D	9759
885-9134-17	L102 4-8'	Total/NA	Solid	8015M/D	9759
885-9134-18	L103 4-8'	Total/NA	Solid	8015M/D	9759
885-9134-20	L105 4-8'	Total/NA	Solid	8015M/D	9759
885-9134-22	L107 4-8'	Total/NA	Solid	8015M/D	9759
885-9134-23	L108 4-8'	Total/NA	Solid	8015M/D	9759
885-9134-24	L109 4-8'	Total/NA	Solid	8015M/D	9759
885-9134-25	L110 4-8'	Total/NA	Solid	8015M/D	9759
885-9134-26	L111 4-8'	Total/NA	Solid	8015M/D	9759
885-9134-27	L112 4-8'	Total/NA	Solid	8015M/D	9759
885-9134-28	L113 4-8'	Total/NA	Solid	8015M/D	9759
885-9134-29	L114 4-8'	Total/NA	Solid	8015M/D	9759
885-9134-30	L115 4-8'	Total/NA	Solid	8015M/D	9759
885-9134-31	L116 4-8'	Total/NA	Solid	8015M/D	9759
885-9134-32	L122 8-12'	Total/NA	Solid	8015M/D	9759
885-9134-33	L123 8-12'	Total/NA	Solid	8015M/D	9759
885-9134-34	L124 8-12'	Total/NA	Solid	8015M/D	9759
885-9134-36	L126 8-12'	Total/NA	Solid	8015M/D	9773
885-9134-37	L131 8-12'	Total/NA	Solid	8015M/D	9773
885-9134-38	L132 8-12'	Total/NA	Solid	8015M/D	9773
885-9134-39	L133 8-12'	Total/NA	Solid	8015M/D	9773
885-9134-40	L134 12-16'	Total/NA	Solid	8015M/D	9773
885-9134-41	L135 12-16'	Total/NA	Solid	8015M/D	9773
885-9134-42	L136 12-16'	Total/NA	Solid	8015M/D	9773
885-9134-43	L138 12-16'	Total/NA	Solid	8015M/D	9773
885-9134-44	L139 12-16'	Total/NA	Solid	8015M/D	9773
885-9134-45	L140 12-16'	Total/NA	Solid	8015M/D	9773
885-9134-46	L141 12-16'	Total/NA	Solid	8015M/D	9773
MB 885-9773/1-A	Method Blank	Total/NA	Solid	8015M/D	9773
LCS 885-9773/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	9773

Analysis Batch: 10030

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9134-10	L84 4'	Total/NA	Solid	8021B	9752
885-9134-11	L86 4'	Total/NA	Solid	8021B	9752
885-9134-12	L87 0-4'	Total/NA	Solid	8021B	9752
885-9134-13	L88 0-4'	Total/NA	Solid	8021B	9759
885-9134-14	L99 4-8'	Total/NA	Solid	8021B	9759
885-9134-15	L100 4-8'	Total/NA	Solid	8021B	9759
885-9134-16	L101 4-8'	Total/NA	Solid	8021B	9759
885-9134-17	L102 4-8'	Total/NA	Solid	8021B	9759
885-9134-18	L103 4-8'	Total/NA	Solid	8021B	9759
885-9134-20	L105 4-8'	Total/NA	Solid	8021B	9759
885-9134-22	L107 4-8'	Total/NA	Solid	8021B	9759
885-9134-23	L108 4-8'	Total/NA	Solid	8021B	9759
885-9134-24	L109 4-8'	Total/NA	Solid	8021B	9759
885-9134-25	L110 4-8'	Total/NA	Solid	8021B	9759
885-9134-26	L111 4-8'	Total/NA	Solid	8021B	9759
885-9134-27	L112 4-8'	Total/NA	Solid	8021B	9759
885-9134-28	L113 4-8'	Total/NA	Solid	8021B	9759

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

GC VOA (Continued)

Analysis Batch: 10030 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9134-29	L114 4-8'	Total/NA	Solid	8021B	9759
885-9134-30	L115 4-8'	Total/NA	Solid	8021B	9759
885-9134-31	L116 4-8'	Total/NA	Solid	8021B	9759
885-9134-32	L122 8-12'	Total/NA	Solid	8021B	9759
885-9134-33	L123 8-12'	Total/NA	Solid	8021B	9759
885-9134-34	L124 8-12'	Total/NA	Solid	8021B	9759
885-9134-36	L126 8-12'	Total/NA	Solid	8021B	9773
885-9134-37	L131 8-12'	Total/NA	Solid	8021B	9773
885-9134-38	L132 8-12'	Total/NA	Solid	8021B	9773
885-9134-39	L133 8-12'	Total/NA	Solid	8021B	9773
885-9134-40	L134 12-16'	Total/NA	Solid	8021B	9773
885-9134-41	L135 12-16'	Total/NA	Solid	8021B	9773
885-9134-42	L136 12-16'	Total/NA	Solid	8021B	9773
885-9134-43	L138 12-16'	Total/NA	Solid	8021B	9773
885-9134-44	L139 12-16'	Total/NA	Solid	8021B	9773
885-9134-45	L140 12-16'	Total/NA	Solid	8021B	9773
885-9134-46	L141 12-16'	Total/NA	Solid	8021B	9773
MB 885-9759/1-A	Method Blank	Total/NA	Solid	8021B	9759
MB 885-9773/1-A	Method Blank	Total/NA	Solid	8021B	9773
LCS 885-9759/3-A	Lab Control Sample	Total/NA	Solid	8021B	9759
LCS 885-9773/3-A	Lab Control Sample	Total/NA	Solid	8021B	9773
885-9134-14 MS	L99 4-8'	Total/NA	Solid	8021B	9759
885-9134-14 MSD	L99 4-8'	Total/NA	Solid	8021B	9759

Analysis Batch: 10071

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9134-35	L125 8-12'	Total/NA	Solid	8015M/D	9773
885-9134-47	L142 12-16'	Total/NA	Solid	8015M/D	9773

Analysis Batch: 10072

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9134-35	L125 8-12'	Total/NA	Solid	8021B	9773
885-9134-47	L142 12-16'	Total/NA	Solid	8021B	9773
MB 885-9803/1-A	Method Blank	Total/NA	Solid	8021B	9803
LCS 885-9803/3-A	Lab Control Sample	Total/NA	Solid	8021B	9803

GC Semi VOA

Prep Batch: 9805

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9134-1	L50 0-4'	Total/NA	Solid	SHAKE	
885-9134-2	L51 0-4'	Total/NA	Solid	SHAKE	
885-9134-3	L76 0-4'	Total/NA	Solid	SHAKE	
885-9134-4	L77 4'	Total/NA	Solid	SHAKE	
885-9134-5	L78 0-4'	Total/NA	Solid	SHAKE	
885-9134-6	L79 4'	Total/NA	Solid	SHAKE	
885-9134-7	L81 4'	Total/NA	Solid	SHAKE	
885-9134-8	L82 0-4'	Total/NA	Solid	SHAKE	
885-9134-9	L83 0-4'	Total/NA	Solid	SHAKE	
885-9134-10	L84 4'	Total/NA	Solid	SHAKE	
885-9134-11	L86 4'	Total/NA	Solid	SHAKE	

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

GC Semi VOA (Continued)

Prep Batch: 9805 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9134-12	L87 0-4'	Total/NA	Solid	SHAKE	
MB 885-9805/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-9805/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-9134-12 MS	L87 0-4'	Total/NA	Solid	SHAKE	
885-9134-12 MSD	L87 0-4'	Total/NA	Solid	SHAKE	

Analysis Batch: 9807

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9134-1	L50 0-4'	Total/NA	Solid	8015M/D	9805
885-9134-2	L51 0-4'	Total/NA	Solid	8015M/D	9805
885-9134-3	L76 0-4'	Total/NA	Solid	8015M/D	9805
885-9134-4	L77 4'	Total/NA	Solid	8015M/D	9805
885-9134-5	L78 0-4'	Total/NA	Solid	8015M/D	9805
885-9134-6	L79 4'	Total/NA	Solid	8015M/D	9805
885-9134-7	L81 4'	Total/NA	Solid	8015M/D	9805
885-9134-8	L82 0-4'	Total/NA	Solid	8015M/D	9805
885-9134-9	L83 0-4'	Total/NA	Solid	8015M/D	9805
885-9134-10	L84 4'	Total/NA	Solid	8015M/D	9805
885-9134-11	L86 4'	Total/NA	Solid	8015M/D	9805
885-9134-12	L87 0-4'	Total/NA	Solid	8015M/D	9805
MB 885-9805/1-A	Method Blank	Total/NA	Solid	8015M/D	9805
LCS 885-9805/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	9805
885-9134-12 MS	L87 0-4'	Total/NA	Solid	8015M/D	9805
885-9134-12 MSD	L87 0-4'	Total/NA	Solid	8015M/D	9805

Prep Batch: 9822

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9134-13	L88 0-4'	Total/NA	Solid	SHAKE	
885-9134-14	L99 4-8'	Total/NA	Solid	SHAKE	
885-9134-15	L100 4-8'	Total/NA	Solid	SHAKE	
885-9134-16	L101 4-8'	Total/NA	Solid	SHAKE	
885-9134-17	L102 4-8'	Total/NA	Solid	SHAKE	
885-9134-18	L103 4-8'	Total/NA	Solid	SHAKE	
885-9134-20	L105 4-8'	Total/NA	Solid	SHAKE	
885-9134-22	L107 4-8'	Total/NA	Solid	SHAKE	
885-9134-23	L108 4-8'	Total/NA	Solid	SHAKE	
885-9134-24	L109 4-8'	Total/NA	Solid	SHAKE	
885-9134-25	L110 4-8'	Total/NA	Solid	SHAKE	
885-9134-26	L111 4-8'	Total/NA	Solid	SHAKE	
885-9134-27	L112 4-8'	Total/NA	Solid	SHAKE	
885-9134-28	L113 4-8'	Total/NA	Solid	SHAKE	
885-9134-29	L114 4-8'	Total/NA	Solid	SHAKE	
885-9134-30	L115 4-8'	Total/NA	Solid	SHAKE	
885-9134-31	L116 4-8'	Total/NA	Solid	SHAKE	
885-9134-32	L122 8-12'	Total/NA	Solid	SHAKE	
885-9134-33	L123 8-12'	Total/NA	Solid	SHAKE	
885-9134-34	L124 8-12'	Total/NA	Solid	SHAKE	
MB 885-9822/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-9822/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-9134-34 MS	L124 8-12'	Total/NA	Solid	SHAKE	
885-9134-34 MSD	L124 8-12'	Total/NA	Solid	SHAKE	

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

GC Semi VOA

Prep Batch: 9829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9134-35	L125 8-12'	Total/NA	Solid	SHAKE	
885-9134-36	L126 8-12'	Total/NA	Solid	SHAKE	
885-9134-37	L131 8-12'	Total/NA	Solid	SHAKE	
885-9134-38	L132 8-12'	Total/NA	Solid	SHAKE	
885-9134-39	L133 8-12'	Total/NA	Solid	SHAKE	
885-9134-40	L134 12-16'	Total/NA	Solid	SHAKE	
885-9134-41	L135 12-16'	Total/NA	Solid	SHAKE	
885-9134-42	L136 12-16'	Total/NA	Solid	SHAKE	
885-9134-43	L138 12-16'	Total/NA	Solid	SHAKE	
885-9134-44	L139 12-16'	Total/NA	Solid	SHAKE	
885-9134-45	L140 12-16'	Total/NA	Solid	SHAKE	
885-9134-46	L141 12-16'	Total/NA	Solid	SHAKE	
885-9134-47	L142 12-16'	Total/NA	Solid	SHAKE	
MB 885-9829/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-9829/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 9893

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9134-13	L88 0-4'	Total/NA	Solid	8015M/D	9822
885-9134-14	L99 4-8'	Total/NA	Solid	8015M/D	9822
885-9134-15	L100 4-8'	Total/NA	Solid	8015M/D	9822
885-9134-16	L101 4-8'	Total/NA	Solid	8015M/D	9822
885-9134-17	L102 4-8'	Total/NA	Solid	8015M/D	9822
885-9134-18	L103 4-8'	Total/NA	Solid	8015M/D	9822
885-9134-20	L105 4-8'	Total/NA	Solid	8015M/D	9822
885-9134-22	L107 4-8'	Total/NA	Solid	8015M/D	9822
885-9134-23	L108 4-8'	Total/NA	Solid	8015M/D	9822
885-9134-24	L109 4-8'	Total/NA	Solid	8015M/D	9822
885-9134-25	L110 4-8'	Total/NA	Solid	8015M/D	9822
885-9134-26	L111 4-8'	Total/NA	Solid	8015M/D	9822
885-9134-27	L112 4-8'	Total/NA	Solid	8015M/D	9822
885-9134-28	L113 4-8'	Total/NA	Solid	8015M/D	9822
885-9134-29	L114 4-8'	Total/NA	Solid	8015M/D	9822
885-9134-30	L115 4-8'	Total/NA	Solid	8015M/D	9822
885-9134-31	L116 4-8'	Total/NA	Solid	8015M/D	9822
885-9134-32	L122 8-12'	Total/NA	Solid	8015M/D	9822
885-9134-33	L123 8-12'	Total/NA	Solid	8015M/D	9822
885-9134-34	L124 8-12'	Total/NA	Solid	8015M/D	9822
885-9134-35	L125 8-12'	Total/NA	Solid	8015M/D	9829
885-9134-36	L126 8-12'	Total/NA	Solid	8015M/D	9829
885-9134-37	L131 8-12'	Total/NA	Solid	8015M/D	9829
885-9134-38	L132 8-12'	Total/NA	Solid	8015M/D	9829
885-9134-39	L133 8-12'	Total/NA	Solid	8015M/D	9829
885-9134-40	L134 12-16'	Total/NA	Solid	8015M/D	9829
885-9134-41	L135 12-16'	Total/NA	Solid	8015M/D	9829
885-9134-42	L136 12-16'	Total/NA	Solid	8015M/D	9829
885-9134-43	L138 12-16'	Total/NA	Solid	8015M/D	9829
885-9134-44	L139 12-16'	Total/NA	Solid	8015M/D	9829
885-9134-45	L140 12-16'	Total/NA	Solid	8015M/D	9829
885-9134-46	L141 12-16'	Total/NA	Solid	8015M/D	9829
885-9134-47	L142 12-16'	Total/NA	Solid	8015M/D	9829

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

GC Semi VOA (Continued)

Analysis Batch: 9893 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-9822/1-A	Method Blank	Total/NA	Solid	8015M/D	9822
MB 885-9829/1-A	Method Blank	Total/NA	Solid	8015M/D	9829
LCS 885-9822/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	9822
LCS 885-9829/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	9829
885-9134-34 MS	L124 8-12'	Total/NA	Solid	8015M/D	9822
885-9134-34 MSD	L124 8-12'	Total/NA	Solid	8015M/D	9822

HPLC/IC

Prep Batch: 9811

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9134-1	L50 0-4'	Total/NA	Solid	300_Prep	
885-9134-2	L51 0-4'	Total/NA	Solid	300_Prep	
885-9134-3	L76 0-4'	Total/NA	Solid	300_Prep	
885-9134-4	L77 4'	Total/NA	Solid	300_Prep	
885-9134-5	L78 0-4'	Total/NA	Solid	300_Prep	
885-9134-6	L79 4'	Total/NA	Solid	300_Prep	
885-9134-7	L81 4'	Total/NA	Solid	300_Prep	
885-9134-8	L82 0-4'	Total/NA	Solid	300_Prep	
885-9134-9	L83 0-4'	Total/NA	Solid	300_Prep	
885-9134-10	L84 4'	Total/NA	Solid	300_Prep	
885-9134-11	L86 4'	Total/NA	Solid	300_Prep	
885-9134-12	L87 0-4'	Total/NA	Solid	300_Prep	
MB 885-9811/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-9811/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-9134-4 MS	L77 4'	Total/NA	Solid	300_Prep	
885-9134-4 MSD	L77 4'	Total/NA	Solid	300_Prep	

Prep Batch: 9828

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9134-13	L88 0-4'	Total/NA	Solid	300_Prep	
885-9134-14	L99 4-8'	Total/NA	Solid	300_Prep	
885-9134-15	L100 4-8'	Total/NA	Solid	300_Prep	
885-9134-16	L101 4-8'	Total/NA	Solid	300_Prep	
885-9134-17	L102 4-8'	Total/NA	Solid	300_Prep	
885-9134-18	L103 4-8'	Total/NA	Solid	300_Prep	
885-9134-20	L105 4-8'	Total/NA	Solid	300_Prep	
885-9134-22	L107 4-8'	Total/NA	Solid	300_Prep	
885-9134-23	L108 4-8'	Total/NA	Solid	300_Prep	
885-9134-24	L109 4-8'	Total/NA	Solid	300_Prep	
885-9134-25	L110 4-8'	Total/NA	Solid	300_Prep	
885-9134-26	L111 4-8'	Total/NA	Solid	300_Prep	
885-9134-27	L112 4-8'	Total/NA	Solid	300_Prep	
885-9134-28	L113 4-8'	Total/NA	Solid	300_Prep	
885-9134-29	L114 4-8'	Total/NA	Solid	300_Prep	
885-9134-30	L115 4-8'	Total/NA	Solid	300_Prep	
885-9134-31	L116 4-8'	Total/NA	Solid	300_Prep	
885-9134-32	L122 8-12'	Total/NA	Solid	300_Prep	
885-9134-33	L123 8-12'	Total/NA	Solid	300_Prep	
885-9134-34	L124 8-12'	Total/NA	Solid	300_Prep	
MB 885-9828/1-A	Method Blank	Total/NA	Solid	300_Prep	

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

HPLC/IC (Continued)

Prep Batch: 9828 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 885-9828/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-9134-16 MS	L101 4-8'	Total/NA	Solid	300_Prep	
885-9134-16 MSD	L101 4-8'	Total/NA	Solid	300_Prep	
885-9134-17 MS	L102 4-8'	Total/NA	Solid	300_Prep	
885-9134-17 MSD	L102 4-8'	Total/NA	Solid	300_Prep	

Prep Batch: 9838

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9134-35	L125 8-12'	Total/NA	Solid	300_Prep	
885-9134-36	L126 8-12'	Total/NA	Solid	300_Prep	
885-9134-37	L131 8-12'	Total/NA	Solid	300_Prep	
885-9134-38	L132 8-12'	Total/NA	Solid	300_Prep	
885-9134-39	L133 8-12'	Total/NA	Solid	300_Prep	
885-9134-40	L134 12-16'	Total/NA	Solid	300_Prep	
885-9134-41	L135 12-16'	Total/NA	Solid	300_Prep	
885-9134-42	L136 12-16'	Total/NA	Solid	300_Prep	
885-9134-43	L138 12-16'	Total/NA	Solid	300_Prep	
885-9134-44	L139 12-16'	Total/NA	Solid	300_Prep	
885-9134-45	L140 12-16'	Total/NA	Solid	300_Prep	
885-9134-46	L141 12-16'	Total/NA	Solid	300_Prep	
885-9134-47	L142 12-16'	Total/NA	Solid	300_Prep	
MB 885-9838/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-9838/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-9134-38 MS	L132 8-12'	Total/NA	Solid	300_Prep	
885-9134-38 MSD	L132 8-12'	Total/NA	Solid	300_Prep	

Analysis Batch: 9896

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9134-1	L50 0-4'	Total/NA	Solid	300.0	9811
885-9134-2	L51 0-4'	Total/NA	Solid	300.0	9811
885-9134-3	L76 0-4'	Total/NA	Solid	300.0	9811
885-9134-4	L77 4'	Total/NA	Solid	300.0	9811
885-9134-5	L78 0-4'	Total/NA	Solid	300.0	9811
885-9134-6	L79 4'	Total/NA	Solid	300.0	9811
885-9134-7	L81 4'	Total/NA	Solid	300.0	9811
885-9134-8	L82 0-4'	Total/NA	Solid	300.0	9811
885-9134-9	L83 0-4'	Total/NA	Solid	300.0	9811
885-9134-10	L84 4'	Total/NA	Solid	300.0	9811
885-9134-11	L86 4'	Total/NA	Solid	300.0	9811
885-9134-12	L87 0-4'	Total/NA	Solid	300.0	9811
MB 885-9811/1-A	Method Blank	Total/NA	Solid	300.0	9811
LCS 885-9811/2-A	Lab Control Sample	Total/NA	Solid	300.0	9811
885-9134-4 MS	L77 4'	Total/NA	Solid	300.0	9811
885-9134-4 MSD	L77 4'	Total/NA	Solid	300.0	9811

Analysis Batch: 9915

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9134-35	L125 8-12'	Total/NA	Solid	300.0	9838
885-9134-36	L126 8-12'	Total/NA	Solid	300.0	9838
885-9134-37	L131 8-12'	Total/NA	Solid	300.0	9838
885-9134-38	L132 8-12'	Total/NA	Solid	300.0	9838

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

HPLC/IC (Continued)

Analysis Batch: 9915 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9134-39	L133 8-12'	Total/NA	Solid	300.0	9838
885-9134-40	L134 12-16'	Total/NA	Solid	300.0	9838
885-9134-41	L135 12-16'	Total/NA	Solid	300.0	9838
885-9134-42	L136 12-16'	Total/NA	Solid	300.0	9838
885-9134-43	L138 12-16'	Total/NA	Solid	300.0	9838
885-9134-44	L139 12-16'	Total/NA	Solid	300.0	9838
885-9134-45	L140 12-16'	Total/NA	Solid	300.0	9838
885-9134-46	L141 12-16'	Total/NA	Solid	300.0	9838
885-9134-47	L142 12-16'	Total/NA	Solid	300.0	9838
MB 885-9838/1-A	Method Blank	Total/NA	Solid	300.0	9838
LCS 885-9838/2-A	Lab Control Sample	Total/NA	Solid	300.0	9838
885-9134-38 MS	L132 8-12'	Total/NA	Solid	300.0	9838
885-9134-38 MSD	L132 8-12'	Total/NA	Solid	300.0	9838

Analysis Batch: 9920

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9134-13	L88 0-4'	Total/NA	Solid	300.0	9828
885-9134-14	L99 4-8'	Total/NA	Solid	300.0	9828
885-9134-15	L100 4-8'	Total/NA	Solid	300.0	9828
885-9134-16	L101 4-8'	Total/NA	Solid	300.0	9828
885-9134-17	L102 4-8'	Total/NA	Solid	300.0	9828
885-9134-18	L103 4-8'	Total/NA	Solid	300.0	9828
885-9134-20	L105 4-8'	Total/NA	Solid	300.0	9828
885-9134-22	L107 4-8'	Total/NA	Solid	300.0	9828
885-9134-23	L108 4-8'	Total/NA	Solid	300.0	9828
885-9134-24	L109 4-8'	Total/NA	Solid	300.0	9828
885-9134-25	L110 4-8'	Total/NA	Solid	300.0	9828
885-9134-26	L111 4-8'	Total/NA	Solid	300.0	9828
885-9134-27	L112 4-8'	Total/NA	Solid	300.0	9828
885-9134-28	L113 4-8'	Total/NA	Solid	300.0	9828
885-9134-29	L114 4-8'	Total/NA	Solid	300.0	9828
885-9134-30	L115 4-8'	Total/NA	Solid	300.0	9828
885-9134-31	L116 4-8'	Total/NA	Solid	300.0	9828
885-9134-32	L122 8-12'	Total/NA	Solid	300.0	9828
885-9134-33	L123 8-12'	Total/NA	Solid	300.0	9828
885-9134-34	L124 8-12'	Total/NA	Solid	300.0	9828
MB 885-9828/1-A	Method Blank	Total/NA	Solid	300.0	9828
LCS 885-9828/2-A	Lab Control Sample	Total/NA	Solid	300.0	9828
885-9134-16 MS	L101 4-8'	Total/NA	Solid	300.0	9828
885-9134-16 MSD	L101 4-8'	Total/NA	Solid	300.0	9828
885-9134-17 MS	L102 4-8'	Total/NA	Solid	300.0	9828
885-9134-17 MSD	L102 4-8'	Total/NA	Solid	300.0	9828

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L50 0-4'
Date Collected: 07/29/24 09:45
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9752	AT	EET ALB	08/05/24 15:05
Total/NA	Analysis	8015M/D		1	9956	JP	EET ALB	08/08/24 13:28
Total/NA	Prep	5030C			9752	AT	EET ALB	08/05/24 15:05
Total/NA	Analysis	8021B		1	9957	JP	EET ALB	08/08/24 13:28
Total/NA	Prep	SHAKE			9805	EM	EET ALB	08/06/24 11:25
Total/NA	Analysis	8015M/D		1	9807	DH	EET ALB	08/07/24 00:48
Total/NA	Prep	300_Prep			9811	KB	EET ALB	08/06/24 13:23
Total/NA	Analysis	300.0		20	9896	EH	EET ALB	08/07/24 01:14

Client Sample ID: L51 0-4'
Date Collected: 07/29/24 09:50
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9752	AT	EET ALB	08/05/24 15:05
Total/NA	Analysis	8015M/D		1	9956	JP	EET ALB	08/08/24 13:52
Total/NA	Prep	5030C			9752	AT	EET ALB	08/05/24 15:05
Total/NA	Analysis	8021B		1	9957	JP	EET ALB	08/08/24 13:52
Total/NA	Prep	SHAKE			9805	EM	EET ALB	08/06/24 11:25
Total/NA	Analysis	8015M/D		1	9807	DH	EET ALB	08/07/24 01:11
Total/NA	Prep	300_Prep			9811	KB	EET ALB	08/06/24 13:23
Total/NA	Analysis	300.0		20	9896	EH	EET ALB	08/07/24 01:26

Client Sample ID: L76 0-4'
Date Collected: 07/30/24 08:20
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9752	AT	EET ALB	08/05/24 15:05
Total/NA	Analysis	8015M/D		1	9956	JP	EET ALB	08/08/24 14:15
Total/NA	Prep	5030C			9752	AT	EET ALB	08/05/24 15:05
Total/NA	Analysis	8021B		1	9957	JP	EET ALB	08/08/24 14:15
Total/NA	Prep	SHAKE			9805	EM	EET ALB	08/06/24 11:25
Total/NA	Analysis	8015M/D		1	9807	DH	EET ALB	08/07/24 01:22
Total/NA	Prep	300_Prep			9811	KB	EET ALB	08/06/24 13:23
Total/NA	Analysis	300.0		20	9896	EH	EET ALB	08/07/24 01:38

Client Sample ID: L77 4'
Date Collected: 07/30/24 08:25
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9752	AT	EET ALB	08/05/24 15:05
Total/NA	Analysis	8015M/D		1	9956	JP	EET ALB	08/08/24 14:39

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L77 4'
Date Collected: 07/30/24 08:25
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9752	AT	EET ALB	08/05/24 15:05
Total/NA	Analysis	8021B		1	9957	JP	EET ALB	08/08/24 14:39
Total/NA	Prep	SHAKE			9805	EM	EET ALB	08/06/24 11:25
Total/NA	Analysis	8015M/D		1	9807	DH	EET ALB	08/07/24 01:33
Total/NA	Prep	300_Prep			9811	KB	EET ALB	08/06/24 13:23
Total/NA	Analysis	300.0		20	9896	EH	EET ALB	08/07/24 01:51

Client Sample ID: L78 0-4'
Date Collected: 07/30/24 08:30
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9752	AT	EET ALB	08/05/24 15:05
Total/NA	Analysis	8015M/D		1	9956	JP	EET ALB	08/08/24 15:02
Total/NA	Prep	5030C			9752	AT	EET ALB	08/05/24 15:05
Total/NA	Analysis	8021B		1	9957	JP	EET ALB	08/08/24 15:02
Total/NA	Prep	SHAKE			9805	EM	EET ALB	08/06/24 11:25
Total/NA	Analysis	8015M/D		1	9807	DH	EET ALB	08/07/24 01:44
Total/NA	Prep	300_Prep			9811	KB	EET ALB	08/06/24 13:23
Total/NA	Analysis	300.0		20	9896	EH	EET ALB	08/07/24 02:28

Client Sample ID: L79 4'
Date Collected: 07/30/24 08:35
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9752	AT	EET ALB	08/05/24 15:05
Total/NA	Analysis	8015M/D		1	9956	JP	EET ALB	08/08/24 15:26
Total/NA	Prep	5030C			9752	AT	EET ALB	08/05/24 15:05
Total/NA	Analysis	8021B		1	9957	JP	EET ALB	08/08/24 15:26
Total/NA	Prep	SHAKE			9805	EM	EET ALB	08/06/24 11:25
Total/NA	Analysis	8015M/D		1	9807	DH	EET ALB	08/07/24 01:55
Total/NA	Prep	300_Prep			9811	KB	EET ALB	08/06/24 13:23
Total/NA	Analysis	300.0		20	9896	EH	EET ALB	08/07/24 02:40

Client Sample ID: L81 4'
Date Collected: 07/30/24 08:45
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9752	AT	EET ALB	08/05/24 15:05
Total/NA	Analysis	8015M/D		1	9956	JP	EET ALB	08/08/24 15:49
Total/NA	Prep	5030C			9752	AT	EET ALB	08/05/24 15:05
Total/NA	Analysis	8021B		1	9957	JP	EET ALB	08/08/24 15:49

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L81 4'
Date Collected: 07/30/24 08:45
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			9805	EM	EET ALB	08/06/24 11:25
Total/NA	Analysis	8015M/D		1	9807	DH	EET ALB	08/07/24 02:07
Total/NA	Prep	300_Prep			9811	KB	EET ALB	08/06/24 13:23
Total/NA	Analysis	300.0		20	9896	EH	EET ALB	08/07/24 03:17

Client Sample ID: L82 0-4'
Date Collected: 07/30/24 08:50
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9752	AT	EET ALB	08/05/24 15:05
Total/NA	Analysis	8015M/D		1	9956	JP	EET ALB	08/08/24 16:13
Total/NA	Prep	5030C			9752	AT	EET ALB	08/05/24 15:05
Total/NA	Analysis	8021B		1	9957	JP	EET ALB	08/08/24 16:13
Total/NA	Prep	SHAKE			9805	EM	EET ALB	08/06/24 11:25
Total/NA	Analysis	8015M/D		1	9807	DH	EET ALB	08/07/24 02:18
Total/NA	Prep	300_Prep			9811	KB	EET ALB	08/06/24 13:23
Total/NA	Analysis	300.0		20	9896	EH	EET ALB	08/07/24 03:30

Client Sample ID: L83 0-4'
Date Collected: 07/30/24 08:55
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9752	AT	EET ALB	08/05/24 15:05
Total/NA	Analysis	8015M/D		1	9956	JP	EET ALB	08/08/24 16:37
Total/NA	Prep	5030C			9752	AT	EET ALB	08/05/24 15:05
Total/NA	Analysis	8021B		1	9957	JP	EET ALB	08/08/24 16:37
Total/NA	Prep	SHAKE			9805	EM	EET ALB	08/06/24 11:25
Total/NA	Analysis	8015M/D		1	9807	DH	EET ALB	08/07/24 02:29
Total/NA	Prep	300_Prep			9811	KB	EET ALB	08/06/24 13:23
Total/NA	Analysis	300.0		20	9896	EH	EET ALB	08/07/24 03:42

Client Sample ID: L84 4'
Date Collected: 07/30/24 09:00
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9752	AT	EET ALB	08/05/24 15:05
Total/NA	Analysis	8015M/D		1	9956	JP	EET ALB	08/08/24 17:24
Total/NA	Prep	5030C			9752	AT	EET ALB	08/05/24 15:05
Total/NA	Analysis	8021B		1	10030	JP	EET ALB	08/09/24 21:51
Total/NA	Prep	SHAKE			9805	EM	EET ALB	08/06/24 11:25
Total/NA	Analysis	8015M/D		1	9807	DH	EET ALB	08/07/24 02:40

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L84 4'

Lab Sample ID: 885-9134-10
Matrix: Solid
Date Collected: 07/30/24 09:00
Date Received: 08/03/24 08:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			9811	KB	EET ALB	08/06/24 13:23
Total/NA	Analysis	300.0		20	9896	EH	EET ALB	08/07/24 03:54

Client Sample ID: L86 4'

Lab Sample ID: 885-9134-11
Matrix: Solid
Date Collected: 07/30/24 09:10
Date Received: 08/03/24 08:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9752	AT	EET ALB	08/05/24 15:05
Total/NA	Analysis	8015M/D		1	9956	JP	EET ALB	08/08/24 17:47
Total/NA	Prep	5030C			9752	AT	EET ALB	08/05/24 15:05
Total/NA	Analysis	8021B		1	10030	JP	EET ALB	08/09/24 22:38
Total/NA	Prep	SHAKE			9805	EM	EET ALB	08/06/24 11:25
Total/NA	Analysis	8015M/D		1	9807	DH	EET ALB	08/07/24 02:52
Total/NA	Prep	300_Prep			9811	KB	EET ALB	08/06/24 13:23
Total/NA	Analysis	300.0		20	9896	EH	EET ALB	08/07/24 04:07

Client Sample ID: L87 0-4'

Lab Sample ID: 885-9134-12
Matrix: Solid
Date Collected: 07/30/24 09:15
Date Received: 08/03/24 08:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9752	AT	EET ALB	08/05/24 15:05
Total/NA	Analysis	8015M/D		1	9956	JP	EET ALB	08/08/24 18:11
Total/NA	Prep	5030C			9752	AT	EET ALB	08/05/24 15:05
Total/NA	Analysis	8021B		1	10030	JP	EET ALB	08/09/24 23:01
Total/NA	Prep	SHAKE			9805	EM	EET ALB	08/06/24 11:25
Total/NA	Analysis	8015M/D		1	9807	DH	EET ALB	08/07/24 03:03
Total/NA	Prep	300_Prep			9811	KB	EET ALB	08/06/24 13:23
Total/NA	Analysis	300.0		20	9896	EH	EET ALB	08/07/24 04:19

Client Sample ID: L88 0-4'

Lab Sample ID: 885-9134-13
Matrix: Solid
Date Collected: 07/30/24 09:20
Date Received: 08/03/24 08:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9759	AT	EET ALB	08/05/24 16:13
Total/NA	Analysis	8015M/D		1	9956	JP	EET ALB	08/08/24 21:20
Total/NA	Prep	5030C			9759	AT	EET ALB	08/05/24 16:13
Total/NA	Analysis	8021B		1	10030	JP	EET ALB	08/10/24 00:11
Total/NA	Prep	SHAKE			9822	KR	EET ALB	08/06/24 14:39
Total/NA	Analysis	8015M/D		1	9893	DH	EET ALB	08/07/24 21:51
Total/NA	Prep	300_Prep			9828	KB	EET ALB	08/06/24 15:36
Total/NA	Analysis	300.0		20	9920	RC	EET ALB	08/07/24 12:16

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L99 4-8'
Date Collected: 07/30/24 10:15
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9759	AT	EET ALB	08/05/24 16:13
Total/NA	Analysis	8015M/D		1	10028	JP	EET ALB	08/10/24 00:58
Total/NA	Prep	5030C			9759	AT	EET ALB	08/05/24 16:13
Total/NA	Analysis	8021B		1	10030	JP	EET ALB	08/10/24 00:58
Total/NA	Prep	SHAKE			9822	KR	EET ALB	08/06/24 14:39
Total/NA	Analysis	8015M/D		1	9893	DH	EET ALB	08/07/24 22:02
Total/NA	Prep	300_Prep			9828	KB	EET ALB	08/06/24 15:36
Total/NA	Analysis	300.0		20	9920	RC	EET ALB	08/07/24 12:31

Client Sample ID: L100 4-8'
Date Collected: 07/30/24 10:20
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9759	AT	EET ALB	08/05/24 16:13
Total/NA	Analysis	8015M/D		1	10028	JP	EET ALB	08/10/24 02:08
Total/NA	Prep	5030C			9759	AT	EET ALB	08/05/24 16:13
Total/NA	Analysis	8021B		1	10030	JP	EET ALB	08/10/24 02:08
Total/NA	Prep	SHAKE			9822	KR	EET ALB	08/06/24 14:39
Total/NA	Analysis	8015M/D		1	9893	DH	EET ALB	08/07/24 22:13
Total/NA	Prep	300_Prep			9828	KB	EET ALB	08/06/24 15:36
Total/NA	Analysis	300.0		20	9920	RC	EET ALB	08/07/24 12:47

Client Sample ID: L101 4-8'
Date Collected: 07/30/24 10:25
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9759	AT	EET ALB	08/05/24 16:13
Total/NA	Analysis	8015M/D		1	10028	JP	EET ALB	08/10/24 02:32
Total/NA	Prep	5030C			9759	AT	EET ALB	08/05/24 16:13
Total/NA	Analysis	8021B		1	10030	JP	EET ALB	08/10/24 02:32
Total/NA	Prep	SHAKE			9822	KR	EET ALB	08/06/24 14:39
Total/NA	Analysis	8015M/D		1	9893	DH	EET ALB	08/07/24 22:25
Total/NA	Prep	300_Prep			9828	KB	EET ALB	08/06/24 15:36
Total/NA	Analysis	300.0		20	9920	RC	EET ALB	08/07/24 13:02

Client Sample ID: L102 4-8'
Date Collected: 07/30/24 10:30
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9759	AT	EET ALB	08/05/24 16:13
Total/NA	Analysis	8015M/D		1	10028	JP	EET ALB	08/10/24 02:55

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L102 4-8'
Date Collected: 07/30/24 10:30
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9759	AT	EET ALB	08/05/24 16:13
Total/NA	Analysis	8021B		1	10030	JP	EET ALB	08/10/24 02:55
Total/NA	Prep	SHAKE			9822	KR	EET ALB	08/06/24 14:39
Total/NA	Analysis	8015M/D		1	9893	DH	EET ALB	08/07/24 22:36
Total/NA	Prep	300_Prep			9828	KB	EET ALB	08/06/24 15:36
Total/NA	Analysis	300.0		20	9920	RC	EET ALB	08/07/24 13:47

Client Sample ID: L103 4-8'
Date Collected: 07/30/24 10:35
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9759	AT	EET ALB	08/05/24 16:13
Total/NA	Analysis	8015M/D		1	10028	JP	EET ALB	08/10/24 03:19
Total/NA	Prep	5030C			9759	AT	EET ALB	08/05/24 16:13
Total/NA	Analysis	8021B		1	10030	JP	EET ALB	08/10/24 03:19
Total/NA	Prep	SHAKE			9822	KR	EET ALB	08/06/24 14:39
Total/NA	Analysis	8015M/D		1	9893	DH	EET ALB	08/07/24 22:47
Total/NA	Prep	300_Prep			9828	KB	EET ALB	08/06/24 15:36
Total/NA	Analysis	300.0		20	9920	RC	EET ALB	08/07/24 14:02

Client Sample ID: L105 4-8'
Date Collected: 07/30/24 10:45
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9759	AT	EET ALB	08/05/24 16:13
Total/NA	Analysis	8015M/D		1	10028	JP	EET ALB	08/10/24 03:42
Total/NA	Prep	5030C			9759	AT	EET ALB	08/05/24 16:13
Total/NA	Analysis	8021B		1	10030	JP	EET ALB	08/10/24 03:42
Total/NA	Prep	SHAKE			9822	KR	EET ALB	08/06/24 14:39
Total/NA	Analysis	8015M/D		1	9893	DH	EET ALB	08/07/24 22:58
Total/NA	Prep	300_Prep			9828	KB	EET ALB	08/06/24 15:36
Total/NA	Analysis	300.0		20	9920	RC	EET ALB	08/07/24 15:18

Client Sample ID: L107 4-8'
Date Collected: 07/30/24 10:55
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9759	AT	EET ALB	08/05/24 16:13
Total/NA	Analysis	8015M/D		1	10028	JP	EET ALB	08/10/24 04:06
Total/NA	Prep	5030C			9759	AT	EET ALB	08/05/24 16:13
Total/NA	Analysis	8021B		1	10030	JP	EET ALB	08/10/24 04:06

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L107 4-8'
Date Collected: 07/30/24 10:55
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			9822	KR	EET ALB	08/06/24 14:39
Total/NA	Analysis	8015M/D		1	9893	DH	EET ALB	08/07/24 23:09
Total/NA	Prep	300_Prep			9828	KB	EET ALB	08/06/24 15:36
Total/NA	Analysis	300.0		20	9920	RC	EET ALB	08/07/24 15:33

Client Sample ID: L108 4-8'
Date Collected: 07/30/24 11:00
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9759	AT	EET ALB	08/05/24 16:13
Total/NA	Analysis	8015M/D		1	10028	JP	EET ALB	08/10/24 04:29
Total/NA	Prep	5030C			9759	AT	EET ALB	08/05/24 16:13
Total/NA	Analysis	8021B		1	10030	JP	EET ALB	08/10/24 04:29
Total/NA	Prep	SHAKE			9822	KR	EET ALB	08/06/24 14:39
Total/NA	Analysis	8015M/D		1	9893	DH	EET ALB	08/07/24 23:21
Total/NA	Prep	300_Prep			9828	KB	EET ALB	08/06/24 15:36
Total/NA	Analysis	300.0		20	9920	RC	EET ALB	08/07/24 15:48

Client Sample ID: L109 4-8'
Date Collected: 07/30/24 11:05
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9759	AT	EET ALB	08/05/24 16:13
Total/NA	Analysis	8015M/D		1	10028	JP	EET ALB	08/10/24 04:53
Total/NA	Prep	5030C			9759	AT	EET ALB	08/05/24 16:13
Total/NA	Analysis	8021B		1	10030	JP	EET ALB	08/10/24 04:53
Total/NA	Prep	SHAKE			9822	KR	EET ALB	08/06/24 14:39
Total/NA	Analysis	8015M/D		1	9893	DH	EET ALB	08/07/24 23:32
Total/NA	Prep	300_Prep			9828	KB	EET ALB	08/06/24 15:36
Total/NA	Analysis	300.0		20	9920	RC	EET ALB	08/07/24 16:04

Client Sample ID: L110 4-8'
Date Collected: 07/30/24 11:10
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9759	AT	EET ALB	08/05/24 16:13
Total/NA	Analysis	8015M/D		1	10028	JP	EET ALB	08/10/24 05:16
Total/NA	Prep	5030C			9759	AT	EET ALB	08/05/24 16:13
Total/NA	Analysis	8021B		1	10030	JP	EET ALB	08/10/24 05:16
Total/NA	Prep	SHAKE			9822	KR	EET ALB	08/06/24 14:39
Total/NA	Analysis	8015M/D		1	9893	DH	EET ALB	08/07/24 23:54

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L110 4-8'

Lab Sample ID: 885-9134-25
Matrix: Solid
Date Collected: 07/30/24 11:10
Date Received: 08/03/24 08:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			9828	KB	EET ALB	08/06/24 15:36
Total/NA	Analysis	300.0		20	9920	RC	EET ALB	08/07/24 16:19

Client Sample ID: L111 4-8'

Lab Sample ID: 885-9134-26
Matrix: Solid
Date Collected: 07/30/24 11:15
Date Received: 08/03/24 08:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9759	AT	EET ALB	08/05/24 16:13
Total/NA	Analysis	8015M/D		1	10028	JP	EET ALB	08/10/24 06:03
Total/NA	Prep	5030C			9759	AT	EET ALB	08/05/24 16:13
Total/NA	Analysis	8021B		1	10030	JP	EET ALB	08/10/24 06:03
Total/NA	Prep	SHAKE			9822	KR	EET ALB	08/06/24 14:39
Total/NA	Analysis	8015M/D		1	9893	DH	EET ALB	08/08/24 00:05
Total/NA	Prep	300_Prep			9828	KB	EET ALB	08/06/24 15:36
Total/NA	Analysis	300.0		20	9920	RC	EET ALB	08/07/24 16:34

Client Sample ID: L112 4-8'

Lab Sample ID: 885-9134-27
Matrix: Solid
Date Collected: 07/30/24 11:20
Date Received: 08/03/24 08:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9759	AT	EET ALB	08/05/24 16:13
Total/NA	Analysis	8015M/D		1	10028	JP	EET ALB	08/10/24 06:26
Total/NA	Prep	5030C			9759	AT	EET ALB	08/05/24 16:13
Total/NA	Analysis	8021B		1	10030	JP	EET ALB	08/10/24 06:26
Total/NA	Prep	SHAKE			9822	KR	EET ALB	08/06/24 14:39
Total/NA	Analysis	8015M/D		1	9893	DH	EET ALB	08/08/24 00:16
Total/NA	Prep	300_Prep			9828	KB	EET ALB	08/06/24 15:36
Total/NA	Analysis	300.0		20	9920	RC	EET ALB	08/07/24 16:49

Client Sample ID: L113 4-8'

Lab Sample ID: 885-9134-28
Matrix: Solid
Date Collected: 07/30/24 11:25
Date Received: 08/03/24 08:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9759	AT	EET ALB	08/05/24 16:13
Total/NA	Analysis	8015M/D		1	10028	JP	EET ALB	08/10/24 06:50
Total/NA	Prep	5030C			9759	AT	EET ALB	08/05/24 16:13
Total/NA	Analysis	8021B		1	10030	JP	EET ALB	08/10/24 06:50
Total/NA	Prep	SHAKE			9822	KR	EET ALB	08/06/24 14:39
Total/NA	Analysis	8015M/D		1	9893	DH	EET ALB	08/08/24 00:28
Total/NA	Prep	300_Prep			9828	KB	EET ALB	08/06/24 15:36
Total/NA	Analysis	300.0		20	9920	RC	EET ALB	08/07/24 17:04

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L114 4-8'
Lab Sample ID: 885-9134-29
Date Collected: 07/30/24 11:30
Matrix: Solid
Date Received: 08/03/24 08:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9759	AT	EET ALB	08/05/24 16:13
Total/NA	Analysis	8015M/D		1	10028	JP	EET ALB	08/10/24 07:13
Total/NA	Prep	5030C			9759	AT	EET ALB	08/05/24 16:13
Total/NA	Analysis	8021B		1	10030	JP	EET ALB	08/10/24 07:13
Total/NA	Prep	SHAKE			9822	KR	EET ALB	08/06/24 14:39
Total/NA	Analysis	8015M/D		1	9893	DH	EET ALB	08/08/24 00:39
Total/NA	Prep	300_Prep			9828	KB	EET ALB	08/06/24 15:36
Total/NA	Analysis	300.0		20	9920	RC	EET ALB	08/07/24 17:50

Client Sample ID: L115 4-8'
Lab Sample ID: 885-9134-30
Date Collected: 07/30/24 11:35
Matrix: Solid
Date Received: 08/03/24 08:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9759	AT	EET ALB	08/05/24 16:13
Total/NA	Analysis	8015M/D		1	10028	JP	EET ALB	08/10/24 07:37
Total/NA	Prep	5030C			9759	AT	EET ALB	08/05/24 16:13
Total/NA	Analysis	8021B		1	10030	JP	EET ALB	08/10/24 07:37
Total/NA	Prep	SHAKE			9822	KR	EET ALB	08/06/24 14:39
Total/NA	Analysis	8015M/D		1	9893	DH	EET ALB	08/08/24 00:50
Total/NA	Prep	300_Prep			9828	KB	EET ALB	08/06/24 15:36
Total/NA	Analysis	300.0		20	9920	RC	EET ALB	08/07/24 18:05

Client Sample ID: L116 4-8'
Lab Sample ID: 885-9134-31
Date Collected: 07/30/24 11:40
Matrix: Solid
Date Received: 08/03/24 08:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9759	AT	EET ALB	08/05/24 16:13
Total/NA	Analysis	8015M/D		1	10028	JP	EET ALB	08/10/24 08:00
Total/NA	Prep	5030C			9759	AT	EET ALB	08/05/24 16:13
Total/NA	Analysis	8021B		1	10030	JP	EET ALB	08/10/24 08:00
Total/NA	Prep	SHAKE			9822	KR	EET ALB	08/06/24 14:39
Total/NA	Analysis	8015M/D		1	9893	DH	EET ALB	08/08/24 01:01
Total/NA	Prep	300_Prep			9828	KB	EET ALB	08/06/24 15:36
Total/NA	Analysis	300.0		20	9920	RC	EET ALB	08/07/24 18:20

Client Sample ID: L122 8-12'
Lab Sample ID: 885-9134-32
Date Collected: 07/30/24 12:10
Matrix: Solid
Date Received: 08/03/24 08:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9759	AT	EET ALB	08/05/24 16:13
Total/NA	Analysis	8015M/D		1	10028	JP	EET ALB	08/10/24 08:24

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L122 8-12'
Date Collected: 07/30/24 12:10
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-32
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9759	AT	EET ALB	08/05/24 16:13
Total/NA	Analysis	8021B		1	10030	JP	EET ALB	08/10/24 08:24
Total/NA	Prep	SHAKE			9822	KR	EET ALB	08/06/24 14:39
Total/NA	Analysis	8015M/D		1	9893	DH	EET ALB	08/08/24 01:12
Total/NA	Prep	300_Prep			9828	KB	EET ALB	08/06/24 15:36
Total/NA	Analysis	300.0		20	9920	RC	EET ALB	08/07/24 18:35

Client Sample ID: L123 8-12'
Date Collected: 07/30/24 12:15
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-33
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9759	AT	EET ALB	08/05/24 16:13
Total/NA	Analysis	8015M/D		1	10028	JP	EET ALB	08/10/24 08:47
Total/NA	Prep	5030C			9759	AT	EET ALB	08/05/24 16:13
Total/NA	Analysis	8021B		1	10030	JP	EET ALB	08/10/24 08:47
Total/NA	Prep	SHAKE			9822	KR	EET ALB	08/06/24 14:39
Total/NA	Analysis	8015M/D		1	9893	DH	EET ALB	08/08/24 01:23
Total/NA	Prep	300_Prep			9828	KB	EET ALB	08/06/24 15:36
Total/NA	Analysis	300.0		20	9920	RC	EET ALB	08/07/24 18:50

Client Sample ID: L124 8-12'
Date Collected: 07/30/24 12:20
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-34
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9759	AT	EET ALB	08/05/24 16:13
Total/NA	Analysis	8015M/D		1	10028	JP	EET ALB	08/10/24 09:11
Total/NA	Prep	5030C			9759	AT	EET ALB	08/05/24 16:13
Total/NA	Analysis	8021B		1	10030	JP	EET ALB	08/10/24 09:11
Total/NA	Prep	SHAKE			9822	KR	EET ALB	08/06/24 14:39
Total/NA	Analysis	8015M/D		1	9893	DH	EET ALB	08/08/24 01:34
Total/NA	Prep	300_Prep			9828	KB	EET ALB	08/06/24 15:36
Total/NA	Analysis	300.0		20	9920	RC	EET ALB	08/07/24 19:05

Client Sample ID: L125 8-12'
Date Collected: 07/30/24 12:25
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-35
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9773	AT	EET ALB	08/06/24 08:23
Total/NA	Analysis	8015M/D		1	10071	JP	EET ALB	08/10/24 18:39
Total/NA	Prep	5030C			9773	AT	EET ALB	08/06/24 08:23
Total/NA	Analysis	8021B		1	10072	JP	EET ALB	08/10/24 18:39

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L125 8-12'

Lab Sample ID: 885-9134-35
Matrix: Solid
Date Collected: 07/30/24 12:25
Date Received: 08/03/24 08:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			9829	KR	EET ALB	08/06/24 15:37
Total/NA	Analysis	8015M/D		1	9893	DH	EET ALB	08/07/24 16:41
Total/NA	Prep	300_Prep			9838	KB	EET ALB	08/06/24 16:41
Total/NA	Analysis	300.0		20	9915	RC	EET ALB	08/07/24 15:13

Client Sample ID: L126 8-12'

Lab Sample ID: 885-9134-36
Matrix: Solid
Date Collected: 07/30/24 12:30
Date Received: 08/03/24 08:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9773	AT	EET ALB	08/06/24 08:23
Total/NA	Analysis	8015M/D		1	10028	JP	EET ALB	08/10/24 11:08
Total/NA	Prep	5030C			9773	AT	EET ALB	08/06/24 08:23
Total/NA	Analysis	8021B		1	10030	JP	EET ALB	08/10/24 11:08
Total/NA	Prep	SHAKE			9829	KR	EET ALB	08/06/24 15:37
Total/NA	Analysis	8015M/D		1	9893	DH	EET ALB	08/07/24 16:52
Total/NA	Prep	300_Prep			9838	KB	EET ALB	08/06/24 16:41
Total/NA	Analysis	300.0		20	9915	RC	EET ALB	08/07/24 15:26

Client Sample ID: L131 8-12'

Lab Sample ID: 885-9134-37
Matrix: Solid
Date Collected: 07/30/24 12:55
Date Received: 08/03/24 08:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9773	AT	EET ALB	08/06/24 08:23
Total/NA	Analysis	8015M/D		1	10028	JP	EET ALB	08/10/24 11:55
Total/NA	Prep	5030C			9773	AT	EET ALB	08/06/24 08:23
Total/NA	Analysis	8021B		1	10030	JP	EET ALB	08/10/24 11:55
Total/NA	Prep	SHAKE			9829	KR	EET ALB	08/06/24 15:37
Total/NA	Analysis	8015M/D		1	9893	DH	EET ALB	08/07/24 17:03
Total/NA	Prep	300_Prep			9838	KB	EET ALB	08/06/24 16:41
Total/NA	Analysis	300.0		20	9915	RC	EET ALB	08/07/24 15:39

Client Sample ID: L132 8-12'

Lab Sample ID: 885-9134-38
Matrix: Solid
Date Collected: 07/30/24 13:00
Date Received: 08/03/24 08:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9773	AT	EET ALB	08/06/24 08:23
Total/NA	Analysis	8015M/D		1	10028	JP	EET ALB	08/10/24 12:19
Total/NA	Prep	5030C			9773	AT	EET ALB	08/06/24 08:23
Total/NA	Analysis	8021B		1	10030	JP	EET ALB	08/10/24 12:19
Total/NA	Prep	SHAKE			9829	KR	EET ALB	08/06/24 15:37
Total/NA	Analysis	8015M/D		1	9893	DH	EET ALB	08/07/24 17:14

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L132 8-12'

Lab Sample ID: 885-9134-38
Matrix: Solid
Date Collected: 07/30/24 13:00
Date Received: 08/03/24 08:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			9838	KB	EET ALB	08/06/24 16:41
Total/NA	Analysis	300.0		20	9915	RC	EET ALB	08/07/24 15:51

Client Sample ID: L133 8-12'

Lab Sample ID: 885-9134-39
Matrix: Solid
Date Collected: 07/30/24 13:05
Date Received: 08/03/24 08:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9773	AT	EET ALB	08/06/24 08:23
Total/NA	Analysis	8015M/D		1	10028	JP	EET ALB	08/10/24 12:42
Total/NA	Prep	5030C			9773	AT	EET ALB	08/06/24 08:23
Total/NA	Analysis	8021B		1	10030	JP	EET ALB	08/10/24 12:42
Total/NA	Prep	SHAKE			9829	KR	EET ALB	08/06/24 15:37
Total/NA	Analysis	8015M/D		1	9893	DH	EET ALB	08/07/24 17:25
Total/NA	Prep	300_Prep			9838	KB	EET ALB	08/06/24 16:41
Total/NA	Analysis	300.0		20	9915	RC	EET ALB	08/07/24 16:04

Client Sample ID: L134 12-16'

Lab Sample ID: 885-9134-40
Matrix: Solid
Date Collected: 07/30/24 13:10
Date Received: 08/03/24 08:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9773	AT	EET ALB	08/06/24 08:23
Total/NA	Analysis	8015M/D		1	10028	JP	EET ALB	08/10/24 13:06
Total/NA	Prep	5030C			9773	AT	EET ALB	08/06/24 08:23
Total/NA	Analysis	8021B		1	10030	JP	EET ALB	08/10/24 13:06
Total/NA	Prep	SHAKE			9829	KR	EET ALB	08/06/24 15:37
Total/NA	Analysis	8015M/D		1	9893	DH	EET ALB	08/07/24 17:36
Total/NA	Prep	300_Prep			9838	KB	EET ALB	08/06/24 16:41
Total/NA	Analysis	300.0		20	9915	RC	EET ALB	08/07/24 16:17

Client Sample ID: L135 12-16'

Lab Sample ID: 885-9134-41
Matrix: Solid
Date Collected: 07/30/24 13:15
Date Received: 08/03/24 08:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9773	AT	EET ALB	08/06/24 08:23
Total/NA	Analysis	8015M/D		1	10028	JP	EET ALB	08/10/24 13:29
Total/NA	Prep	5030C			9773	AT	EET ALB	08/06/24 08:23
Total/NA	Analysis	8021B		1	10030	JP	EET ALB	08/10/24 13:29
Total/NA	Prep	SHAKE			9829	KR	EET ALB	08/06/24 15:37
Total/NA	Analysis	8015M/D		1	9893	DH	EET ALB	08/07/24 17:47
Total/NA	Prep	300_Prep			9838	KB	EET ALB	08/06/24 16:41
Total/NA	Analysis	300.0		20	9915	RC	EET ALB	08/07/24 16:30

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L136 12-16'
Lab Sample ID: 885-9134-42
Date Collected: 07/30/24 13:20
Matrix: Solid
Date Received: 08/03/24 08:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9773	AT	EET ALB	08/06/24 08:23
Total/NA	Analysis	8015M/D		1	10028	JP	EET ALB	08/10/24 13:53
Total/NA	Prep	5030C			9773	AT	EET ALB	08/06/24 08:23
Total/NA	Analysis	8021B		1	10030	JP	EET ALB	08/10/24 13:53
Total/NA	Prep	SHAKE			9829	KR	EET ALB	08/06/24 15:37
Total/NA	Analysis	8015M/D		1	9893	DH	EET ALB	08/07/24 17:59
Total/NA	Prep	300_Prep			9838	KB	EET ALB	08/06/24 16:41
Total/NA	Analysis	300.0		20	9915	RC	EET ALB	08/07/24 16:43

Client Sample ID: L138 12-16'
Lab Sample ID: 885-9134-43
Date Collected: 07/30/24 13:30
Matrix: Solid
Date Received: 08/03/24 08:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9773	AT	EET ALB	08/06/24 08:23
Total/NA	Analysis	8015M/D		1	10028	JP	EET ALB	08/10/24 14:16
Total/NA	Prep	5030C			9773	AT	EET ALB	08/06/24 08:23
Total/NA	Analysis	8021B		1	10030	JP	EET ALB	08/10/24 14:16
Total/NA	Prep	SHAKE			9829	KR	EET ALB	08/06/24 15:37
Total/NA	Analysis	8015M/D		1	9893	DH	EET ALB	08/07/24 18:22
Total/NA	Prep	300_Prep			9838	KB	EET ALB	08/06/24 16:41
Total/NA	Analysis	300.0		20	9915	RC	EET ALB	08/07/24 16:56

Client Sample ID: L139 12-16'
Lab Sample ID: 885-9134-44
Date Collected: 07/30/24 13:35
Matrix: Solid
Date Received: 08/03/24 08:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9773	AT	EET ALB	08/06/24 08:23
Total/NA	Analysis	8015M/D		1	10028	JP	EET ALB	08/10/24 14:40
Total/NA	Prep	5030C			9773	AT	EET ALB	08/06/24 08:23
Total/NA	Analysis	8021B		1	10030	JP	EET ALB	08/10/24 14:40
Total/NA	Prep	SHAKE			9829	KR	EET ALB	08/06/24 15:37
Total/NA	Analysis	8015M/D		1	9893	DH	EET ALB	08/07/24 18:33
Total/NA	Prep	300_Prep			9838	KB	EET ALB	08/06/24 16:41
Total/NA	Analysis	300.0		20	9915	RC	EET ALB	08/07/24 17:34

Client Sample ID: L140 12-16'
Lab Sample ID: 885-9134-45
Date Collected: 07/30/24 13:40
Matrix: Solid
Date Received: 08/03/24 08:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9773	AT	EET ALB	08/06/24 08:23
Total/NA	Analysis	8015M/D		1	10028	JP	EET ALB	08/10/24 15:03

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Client Sample ID: L140 12-16'
Date Collected: 07/30/24 13:40
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-45
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9773	AT	EET ALB	08/06/24 08:23
Total/NA	Analysis	8021B		1	10030	JP	EET ALB	08/10/24 15:03
Total/NA	Prep	SHAKE			9829	KR	EET ALB	08/06/24 15:37
Total/NA	Analysis	8015M/D		1	9893	DH	EET ALB	08/07/24 18:44
Total/NA	Prep	300_Prep			9838	KB	EET ALB	08/06/24 16:41
Total/NA	Analysis	300.0		20	9915	RC	EET ALB	08/07/24 17:47

Client Sample ID: L141 12-16'
Date Collected: 07/30/24 13:45
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-46
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9773	AT	EET ALB	08/06/24 08:23
Total/NA	Analysis	8015M/D		1	10028	JP	EET ALB	08/10/24 15:27
Total/NA	Prep	5030C			9773	AT	EET ALB	08/06/24 08:23
Total/NA	Analysis	8021B		1	10030	JP	EET ALB	08/10/24 15:27
Total/NA	Prep	SHAKE			9829	KR	EET ALB	08/06/24 15:37
Total/NA	Analysis	8015M/D		1	9893	DH	EET ALB	08/07/24 18:56
Total/NA	Prep	300_Prep			9838	KB	EET ALB	08/06/24 16:41
Total/NA	Analysis	300.0		20	9915	RC	EET ALB	08/07/24 18:00

Client Sample ID: L142 12-16'
Date Collected: 07/30/24 13:50
Date Received: 08/03/24 08:14

Lab Sample ID: 885-9134-47
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9773	AT	EET ALB	08/06/24 08:23
Total/NA	Analysis	8015M/D		1	10071	JP	EET ALB	08/10/24 22:10
Total/NA	Prep	5030C			9773	AT	EET ALB	08/06/24 08:23
Total/NA	Analysis	8021B		1	10072	JP	EET ALB	08/10/24 22:10
Total/NA	Prep	SHAKE			9829	KR	EET ALB	08/06/24 15:37
Total/NA	Analysis	8015M/D		1	9893	DH	EET ALB	08/07/24 19:07
Total/NA	Prep	300_Prep			9838	KB	EET ALB	08/06/24 16:41
Total/NA	Analysis	300.0		20	9915	RC	EET ALB	08/07/24 18:13

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Devon Energy Corporation
Project/Site: Campaana 2M ST#001

Job ID: 885-9134-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-26-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
300.0	300_Prep	Solid	Chloride
8015M/D	5030C	Solid	C6-C10
8015M/D	SHAKE	Solid	C10-C28
8015M/D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]
8021B	5030C	Solid	Benzene
8021B	5030C	Solid	Ethylbenzene
8021B	5030C	Solid	Toluene
8021B	5030C	Solid	Xylenes, Total

Oregon	NELAP	NM100001	02-26-25

Released to Imaging: 2/14/2025 3:42:06 PM
Received by OCD: 2/11/2025 8:43:06 AM

Chain-of-Custody Record

Client: Devon Energy
Jim Raley

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time:
☑ Standard ☑ Rush 5 Day

Project Name: Campana 2M St #001

Project #: 5E-32074-BG9

Project Manager: Stephanie Hinds

Sampler: MJP

On Ice: ☑ Yes ☐ No tag

# of Coolers: 1

Cooler Temp (Including CF): 3.7 + 1.8 = 5.5 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 871(
Tel. 505-345-3975 Fax 505-345-4107

885-9134 COC

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
7/29	9:45	soil	L50 0-4'	4 oz	Ice	1	✓	✓					✓			
7/29	9:50		L51 0-4'			2										
7/30	8:20		L76 0-4'			3										
	8:25		L77 4'			4										
	8:30		L78 0-4'			5										
	8:35		L79 4'			6										
	8:45		L81 4'			7										
	8:50		L82 0-4'			8										
	8:55		L83 0-4'			9										
	9:00		L84 4'			10										
	9:10		L86 4'			11										
	9:15		L87 0-4'			12										

Date	Time	Relinquished by	Received by	Via	Date	Time
8/2/24	750				8/2/24	750
8/2/24	1910			courier	8/3/24	7:15

Remarks:
CC: M. Peppin

Direct Bill Devon

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories This serves as notice of this possibility Any sub-contracted data will be clearly notated on the analytical report.

Released to Imaging: 2/14/2025 3:42:06 PM
Received by OCD: 2/11/2025 8:43:06 AM

Chain-of-Custody Record

Client: Devon Energy
Jim Raley
Mailing Address:

Phone #:
email or Fax#:
QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time:
☑ Standard ☑ Rush 5 Day
Project Name: Campana 2M St #001
Project #: 5E-32074-BG9
Project Manager: Stephanie Hinds
Sampler: MJP
On Ice: ☑ Yes ☐ No Yes
# of Coolers: 1
Cooler Temp(including CF): 3.7 + 1.8 = 5.5 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
7/30	9:20	Soil	L88 0-4'	4oz	Ice	13	✓	✓					✓			
	10:15		L99 4-8'			14										
	10:20		L100 4-8'			15										
	10:25		L101 4-8'			16										
	10:30		L102 4-8'			17										
	10:35		L103 4-8'			18										
	—		~~L104 4-8'~~			19										
	10:45		L105 4-8'			20										
	10:50		L106 4-8'			21										
	10:55		L107 4-8'			22										
	11:00		L108 4-8'			23										
	11:05		L109 4-8'			24										

Date	Time	Relinquished by	Received by	Via	Date	Time
8/2/24	750				8/2/24	750
8/2/24	1900			Courier	8/13/24	7:15

Remarks:
CC: M. Peppin

Direct Bill Devon

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Released to Imaging: 2/14/2025 3:42:06 PM
Received by OCD: 2/11/2025 8:43:06 AM

Chain-of-Custody Record

Client: Devon Energy
Jim Raley

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☑ Standard ☑ Rush 5 Day

Project Name: Carpana 2M St #001

Project #: 5E-32074-BG9

Project Manager: Stephanie Hinds

Sampler: MJP

On Ice: ☑ Yes ☐ No Yog

# of Coolers: 1

Cooler Temp(including CF): 3.7+1.8=5.5 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
7/30	11:10	Soil	L110 4-8'	4oz	Ice	25	✓	✓					✓			
	11:15		L111 4-8'			26										
	11:20		L112 4-8'			27										
	11:25		L113 4-8'			28										
	11:30		L114 4-8'			29										
	11:35		L115 4-8'			30										
	11:40		L116 4-8'			31										
	12:10		L122 8-12'			32										
	12:15		L123 8-12'			33										
	12:20		L124 8-12			34										
	12:25		L125 8-12			35										
	12:30		L126 8-12			36										

Analysis Request

Date	Time	Relinquished by:	Received by.	Via.	Date	Time
8/2/24	750				8/2/24	750
8/8/24	1910					

Date	Time.	Relinquished by	Received by	Via: courier	Date	Time
					8/3/24	7.15

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories This serves as notice of this possibility Any sub-contracted data will be clearly notated on the analytical report.

Released to Imaging: 2/14/2025 3:42:06 PM
Received by OCD: 2/11/2025 8:43:06 AM

Chain-of-Custody Record

Client: Devon Energy
Jim Raley

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time:
☑ Standard ☑ Rush 5 Day

Project Name: Campana 2M St #001

Project #: 5E-32074-BG9

Project Manager: Stephanie Hinds

Sampler: MJP

On Ice: ☑ Yes ☐ No

# of Coolers: 1

Cooler Temp (including CF): 3.7 +1.0 = 5.5 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
7/30	12:55	Soil	L131 8-12'	4oz	Ice	37	✓	✓					✓			
	1:00		L132 8-12'			38										
	1:05		L133 8-12'			39										
	1:10		L134 12-16'			40										
	1:15		L135 12-16'			41										
	1:20		L136 12-16'			42										
	1:30		L138 12-16'			43										
	1:35		L139 12-16'			44										
	1:40		L140 12-16'			45										
	1:45		L141 12-16'			46										
	1:50		L142 12-16'			47										

Date	Time	Relinquished by	Received by	Via	Date	Time
8/2/24	750				8/2/24	750
8/2/24	1900			courier	8/3/24	7 15

Remarks: CC: M. Peppin

Direct Bill Devon

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Login Sample Receipt Checklist

Client: Devon Energy Corporation Job Number: 885-9134-1

Login Number: 9134 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: Casarrubias, Tracy

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	True	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Jim Raley
Devon Energy Corporation
6488 Seven Rivers Hwy
Artesia, New Mexico 88210

Generated 8/13/2024 4:49:25 PM

JOB DESCRIPTION

Campana 2M ST #001

JOB NUMBER

885-9136-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Released to Imaging: 2/14/2025 3:42:00 PM

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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Authorized for release by
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(505)345-3975

Client: Devon Energy Corporation
Project/Site: Campana 2M ST #001

Laboratory Job ID: 885-9136-1

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Definitions/Glossary

Client: Devon Energy Corporation
Project/Site: Campana 2M ST #001

Job ID: 885-9136-1

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Devon Energy Corporation
Project: Campana 2M ST #001

Job ID: 885-9136-1

Job ID: 885-9136-1 Eurofins Albuquerque

Job Narrative
885-9136-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 8/3/2024 7:15 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.5°C.

Gasoline Range Organics
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M ST #001

Job ID: 885-9136-1

Client Sample ID: L80 0-4

Date Collected: 07/30/24 08:40
Date Received: 08/03/24 07:15

Lab Sample ID: 885-9136-1

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.9		mg/Kg		08/05/24 13:45	08/06/24 19:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*35 - 166*	*08/05/24 13:45*	*08/06/24 19:58*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/05/24 13:45	08/06/24 19:58	1
Ethylbenzene	ND		0.049		mg/Kg		08/05/24 13:45	08/06/24 19:58	1
Toluene	ND		0.049		mg/Kg		08/05/24 13:45	08/06/24 19:58	1
Xylenes, Total	ND		0.098		mg/Kg		08/05/24 13:45	08/06/24 19:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*48 - 145*	*08/05/24 13:45*	*08/06/24 19:58*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.5		mg/Kg		08/08/24 10:20	08/08/24 16:38	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		08/08/24 10:20	08/08/24 16:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*98*		*62 - 134*	*08/08/24 10:20*	*08/08/24 16:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**540**		60		mg/Kg		08/05/24 17:21	08/06/24 17:07	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M ST #001

Job ID: 885-9136-1

Client Sample ID: L85 0-4

Date Collected: 07/30/24 09:05
Date Received: 08/03/24 07:15

Lab Sample ID: 885-9136-2

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.8		mg/Kg		08/06/24 08:23	08/10/24 22:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*35 - 166*	*08/06/24 08:23*	*08/10/24 22:34*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/06/24 08:23	08/10/24 22:34	1
Ethylbenzene	ND		0.048		mg/Kg		08/06/24 08:23	08/10/24 22:34	1
Toluene	ND		0.048		mg/Kg		08/06/24 08:23	08/10/24 22:34	1
Xylenes, Total	ND		0.096		mg/Kg		08/06/24 08:23	08/10/24 22:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*48 - 145*	*08/06/24 08:23*	*08/10/24 22:34*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.8		mg/Kg		08/06/24 15:37	08/07/24 19:18	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/06/24 15:37	08/07/24 19:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*98*		*62 - 134*	*08/06/24 15:37*	*08/07/24 19:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**770**		60		mg/Kg		08/06/24 16:41	08/07/24 18:26	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M ST #001

Job ID: 885-9136-1

Client Sample ID: L104 4-8

Date Collected: 07/30/24 10:40
Date Received: 08/03/24 07:15

Lab Sample ID: 885-9136-3

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		5.0		mg/Kg		08/06/24 08:23	08/10/24 22:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*35 - 166*	*08/06/24 08:23*	*08/10/24 22:57*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/06/24 08:23	08/10/24 22:57	1
Ethylbenzene	ND		0.050		mg/Kg		08/06/24 08:23	08/10/24 22:57	1
Toluene	ND		0.050		mg/Kg		08/06/24 08:23	08/10/24 22:57	1
Xylenes, Total	ND		0.10		mg/Kg		08/06/24 08:23	08/10/24 22:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*48 - 145*	*08/06/24 08:23*	*08/10/24 22:57*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.5		mg/Kg		08/06/24 15:37	08/07/24 19:29	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/06/24 15:37	08/07/24 19:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*107*		*62 - 134*	*08/06/24 15:37*	*08/07/24 19:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**550**		60		mg/Kg		08/06/24 16:41	08/07/24 18:39	20

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M ST #001

Job ID: 885-9136-1

Client Sample ID: L137 12-16

Date Collected: 07/30/24 13:25
Date Received: 08/03/24 07:15

Lab Sample ID: 885-9136-4

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.7		mg/Kg		08/06/24 08:23	08/10/24 23:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*35 - 166*	*08/06/24 08:23*	*08/10/24 23:21*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/06/24 08:23	08/10/24 23:21	1
Ethylbenzene	ND		0.047		mg/Kg		08/06/24 08:23	08/10/24 23:21	1
Toluene	ND		0.047		mg/Kg		08/06/24 08:23	08/10/24 23:21	1
Xylenes, Total	ND		0.095		mg/Kg		08/06/24 08:23	08/10/24 23:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*48 - 145*	*08/06/24 08:23*	*08/10/24 23:21*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.8		mg/Kg		08/06/24 15:37	08/07/24 19:41	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/06/24 15:37	08/07/24 19:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*101*		*62 - 134*	*08/06/24 15:37*	*08/07/24 19:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**610**		60		mg/Kg		08/06/24 16:41	08/07/24 18:52	20

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M ST #001

Job ID: 885-9136-1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-9747/1-A
Matrix: Solid
Analysis Batch: 9864

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9747

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		5.0		mg/Kg		08/05/24 13:45	08/06/24 11:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*35 - 166*	*08/05/24 13:45*	*08/06/24 11:41*	*1*

Lab Sample ID: LCS 885-9747/2-A
Matrix: Solid
Analysis Batch: 9864

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9747

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
C6-C10			25.0	28.1		mg/Kg		112	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*214*		*35 - 166*

Lab Sample ID: MB 885-9773/1-A
Matrix: Solid
Analysis Batch: 10028

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9773

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		5.0		mg/Kg		08/06/24 08:23	08/10/24 10:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*35 - 166*	*08/06/24 08:23*	*08/10/24 10:45*	*1*

Lab Sample ID: LCS 885-9773/2-A
Matrix: Solid
Analysis Batch: 10028

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9773

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
C6-C10			25.0	22.7		mg/Kg		91	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*198*	*S1+*	*35 - 166*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-9747/1-A
Matrix: Solid
Analysis Batch: 9865

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9747

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/05/24 13:45	08/06/24 11:41	1
Ethylbenzene	ND		0.050		mg/Kg		08/05/24 13:45	08/06/24 11:41	1
Toluene	ND		0.050		mg/Kg		08/05/24 13:45	08/06/24 11:41	1
Xylenes, Total	ND		0.10		mg/Kg		08/05/24 13:45	08/06/24 11:41	1

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M ST #001

Job ID: 885-9136-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 885-9747/1-A
Matrix: Solid
Analysis Batch: 9865

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9747

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		48 - 145	08/05/24 13:45	08/06/24 11:41	1

Lab Sample ID: LCS 885-9747/3-A
Matrix: Solid
Analysis Batch: 9865

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9747

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.918		mg/Kg		92	70 - 130
Ethylbenzene	1.00	0.849		mg/Kg		85	70 - 130
Toluene	1.00	0.856		mg/Kg		86	70 - 130
m,p-Xylene	2.00	1.71		mg/Kg		85	70 - 130
o-Xylene	1.00	0.828		mg/Kg		83	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	90		48 - 145

Lab Sample ID: MB 885-9773/1-A
Matrix: Solid
Analysis Batch: 10030

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9773

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		08/06/24 08:23	08/10/24 10:45	1
Ethylbenzene	ND		0.050	mg/Kg		08/06/24 08:23	08/10/24 10:45	1
Toluene	ND		0.050	mg/Kg		08/06/24 08:23	08/10/24 10:45	1
Xylenes, Total	ND		0.10	mg/Kg		08/06/24 08:23	08/10/24 10:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		48 - 145	08/06/24 08:23	08/10/24 10:45	1

Lab Sample ID: LCS 885-9773/3-A
Matrix: Solid
Analysis Batch: 10030

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9773

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.910		mg/Kg		91	70 - 130
Ethylbenzene	1.00	0.834		mg/Kg		83	70 - 130
Toluene	1.00	0.848		mg/Kg		85	70 - 130
m,p-Xylene	2.00	1.66		mg/Kg		83	70 - 130
o-Xylene	1.00	0.800		mg/Kg		80	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		48 - 145

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M ST #001

Job ID: 885-9136-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 885-9803/1-A
Matrix: Solid
Analysis Batch: 10072

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9803

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/06/24 11:08	08/11/24 01:18	1
Ethylbenzene	ND		0.050		mg/Kg		08/06/24 11:08	08/11/24 01:18	1
Toluene	ND		0.050		mg/Kg		08/06/24 11:08	08/11/24 01:18	1
Xylenes, Total	ND		0.10		mg/Kg		08/06/24 11:08	08/11/24 01:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*48 - 145*	*08/06/24 11:08*	*08/11/24 01:18*	*1*

Lab Sample ID: LCS 885-9803/3-A
Matrix: Solid
Analysis Batch: 10072

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9803

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	0.924		mg/Kg		92	70 - 130		
Ethylbenzene			1.00	0.847		mg/Kg		85	70 - 130		
Toluene			1.00	0.870		mg/Kg		87	70 - 130		
m,p-Xylene			2.00	1.70		mg/Kg		85	70 - 130		
o-Xylene			1.00	0.818		mg/Kg		82	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*48 - 145*

Method: 8015M/D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-9829/1-A
Matrix: Solid
Analysis Batch: 9893

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9829

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		10		mg/Kg		08/06/24 15:37	08/07/24 15:58	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/06/24 15:37	08/07/24 15:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*98*		*62 - 134*	*08/06/24 15:37*	*08/07/24 15:58*	*1*

Lab Sample ID: LCS 885-9829/2-A
Matrix: Solid
Analysis Batch: 9893

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9829

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			50.0	48.3		mg/Kg		97	60 - 135		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*107*		*62 - 134*

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M ST #001

Job ID: 885-9136-1

Method: 8015M/D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 885-9936/1-A
Matrix: Solid
Analysis Batch: 9966

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9936

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		10		mg/Kg		08/08/24 10:20	08/08/24 16:13	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/08/24 10:20	08/08/24 16:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*101*		*62 - 134*	*08/08/24 10:20*	*08/08/24 16:13*	*1*

Lab Sample ID: LCS 885-9936/2-A
Matrix: Solid
Analysis Batch: 9966

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9936

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			50.0	52.8		mg/Kg		106	60 - 135		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*97*		*62 - 134*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-9762/1-A
Matrix: Solid
Analysis Batch: 9866

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9762

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.5		mg/Kg		08/05/24 17:21	08/06/24 10:54	1

Lab Sample ID: LCS 885-9762/2-A
Matrix: Solid
Analysis Batch: 9866

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9762

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			15.0	15.8		mg/Kg		105	90 - 110		

Lab Sample ID: MB 885-9838/1-A
Matrix: Solid
Analysis Batch: 9915

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9838

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0		mg/Kg		08/06/24 16:41	08/07/24 13:56	1

Lab Sample ID: LCS 885-9838/2-A
Matrix: Solid
Analysis Batch: 9915

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9838

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			30.0	29.0		mg/Kg		97	90 - 110		

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Campana 2M ST #001

Job ID: 885-9136-1

GC VOA

Prep Batch: 9747

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9136-1	L80 0-4	Total/NA	Solid	5030C	
MB 885-9747/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-9747/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-9747/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Prep Batch: 9773

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9136-2	L85 0-4	Total/NA	Solid	5030C	
885-9136-3	L104 4-8	Total/NA	Solid	5030C	
885-9136-4	L137 12-16	Total/NA	Solid	5030C	
MB 885-9773/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-9773/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-9773/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Prep Batch: 9803

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-9803/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-9803/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Analysis Batch: 9864

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9136-1	L80 0-4	Total/NA	Solid	8015M/D	9747
MB 885-9747/1-A	Method Blank	Total/NA	Solid	8015M/D	9747
LCS 885-9747/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	9747

Analysis Batch: 9865

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9136-1	L80 0-4	Total/NA	Solid	8021B	9747
MB 885-9747/1-A	Method Blank	Total/NA	Solid	8021B	9747
LCS 885-9747/3-A	Lab Control Sample	Total/NA	Solid	8021B	9747

Analysis Batch: 10028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-9773/1-A	Method Blank	Total/NA	Solid	8015M/D	9773
LCS 885-9773/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	9773

Analysis Batch: 10030

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-9773/1-A	Method Blank	Total/NA	Solid	8021B	9773
LCS 885-9773/3-A	Lab Control Sample	Total/NA	Solid	8021B	9773

Analysis Batch: 10071

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9136-2	L85 0-4	Total/NA	Solid	8015M/D	9773
885-9136-3	L104 4-8	Total/NA	Solid	8015M/D	9773
885-9136-4	L137 12-16	Total/NA	Solid	8015M/D	9773

Analysis Batch: 10072

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9136-2	L85 0-4	Total/NA	Solid	8021B	9773
885-9136-3	L104 4-8	Total/NA	Solid	8021B	9773

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Campana 2M ST #001

Job ID: 885-9136-1

GC VOA (Continued)

Analysis Batch: 10072 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9136-4	L137 12-16	Total/NA	Solid	8021B	9773
MB 885-9803/1-A	Method Blank	Total/NA	Solid	8021B	9803
LCS 885-9803/3-A	Lab Control Sample	Total/NA	Solid	8021B	9803

GC Semi VOA

Prep Batch: 9829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9136-2	L85 0-4	Total/NA	Solid	SHAKE	
885-9136-3	L104 4-8	Total/NA	Solid	SHAKE	
885-9136-4	L137 12-16	Total/NA	Solid	SHAKE	
MB 885-9829/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-9829/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 9893

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9136-2	L85 0-4	Total/NA	Solid	8015M/D	9829
885-9136-3	L104 4-8	Total/NA	Solid	8015M/D	9829
885-9136-4	L137 12-16	Total/NA	Solid	8015M/D	9829
MB 885-9829/1-A	Method Blank	Total/NA	Solid	8015M/D	9829
LCS 885-9829/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	9829

Prep Batch: 9936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9136-1	L80 0-4	Total/NA	Solid	SHAKE	
MB 885-9936/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-9936/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 9966

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9136-1	L80 0-4	Total/NA	Solid	8015M/D	9936
MB 885-9936/1-A	Method Blank	Total/NA	Solid	8015M/D	9936
LCS 885-9936/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	9936

HPLC/IC

Prep Batch: 9762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9136-1	L80 0-4	Total/NA	Solid	300_Prep	
MB 885-9762/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-9762/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Prep Batch: 9838

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9136-2	L85 0-4	Total/NA	Solid	300_Prep	
885-9136-3	L104 4-8	Total/NA	Solid	300_Prep	
885-9136-4	L137 12-16	Total/NA	Solid	300_Prep	
MB 885-9838/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-9838/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Campana 2M ST #001

Job ID: 885-9136-1

HPLC/IC

Analysis Batch: 9866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9136-1	L80 0-4	Total/NA	Solid	300.0	9762
MB 885-9762/1-A	Method Blank	Total/NA	Solid	300.0	9762
LCS 885-9762/2-A	Lab Control Sample	Total/NA	Solid	300.0	9762

Analysis Batch: 9915

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9136-2	L85 0-4	Total/NA	Solid	300.0	9838
885-9136-3	L104 4-8	Total/NA	Solid	300.0	9838
885-9136-4	L137 12-16	Total/NA	Solid	300.0	9838
MB 885-9838/1-A	Method Blank	Total/NA	Solid	300.0	9838
LCS 885-9838/2-A	Lab Control Sample	Total/NA	Solid	300.0	9838

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campana 2M ST #001

Job ID: 885-9136-1

Client Sample ID: L80 0-4

Lab Sample ID: 885-9136-1
Matrix: Solid
Date Collected: 07/30/24 08:40
Date Received: 08/03/24 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9747	AT	EET ALB	08/05/24 13:45
Total/NA	Analysis	8015M/D		1	9864	JP	EET ALB	08/06/24 19:58
Total/NA	Prep	5030C			9747	AT	EET ALB	08/05/24 13:45
Total/NA	Analysis	8021B		1	9865	JP	EET ALB	08/06/24 19:58
Total/NA	Prep	SHAKE			9936	KR	EET ALB	08/08/24 10:20
Total/NA	Analysis	8015M/D		1	9966	KR	EET ALB	08/08/24 16:38
Total/NA	Prep	300_Prep			9762	RC	EET ALB	08/05/24 17:21
Total/NA	Analysis	300.0		20	9866	EH	EET ALB	08/06/24 17:07

Client Sample ID: L85 0-4

Lab Sample ID: 885-9136-2
Matrix: Solid
Date Collected: 07/30/24 09:05
Date Received: 08/03/24 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9773	AT	EET ALB	08/06/24 08:23
Total/NA	Analysis	8015M/D		1	10071	JP	EET ALB	08/10/24 22:34
Total/NA	Prep	5030C			9773	AT	EET ALB	08/06/24 08:23
Total/NA	Analysis	8021B		1	10072	JP	EET ALB	08/10/24 22:34
Total/NA	Prep	SHAKE			9829	KR	EET ALB	08/06/24 15:37
Total/NA	Analysis	8015M/D		1	9893	DH	EET ALB	08/07/24 19:18
Total/NA	Prep	300_Prep			9838	KB	EET ALB	08/06/24 16:41
Total/NA	Analysis	300.0		20	9915	RC	EET ALB	08/07/24 18:26

Client Sample ID: L104 4-8

Lab Sample ID: 885-9136-3
Matrix: Solid
Date Collected: 07/30/24 10:40
Date Received: 08/03/24 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9773	AT	EET ALB	08/06/24 08:23
Total/NA	Analysis	8015M/D		1	10071	JP	EET ALB	08/10/24 22:57
Total/NA	Prep	5030C			9773	AT	EET ALB	08/06/24 08:23
Total/NA	Analysis	8021B		1	10072	JP	EET ALB	08/10/24 22:57
Total/NA	Prep	SHAKE			9829	KR	EET ALB	08/06/24 15:37
Total/NA	Analysis	8015M/D		1	9893	DH	EET ALB	08/07/24 19:29
Total/NA	Prep	300_Prep			9838	KB	EET ALB	08/06/24 16:41
Total/NA	Analysis	300.0		20	9915	RC	EET ALB	08/07/24 18:39

Client Sample ID: L137 12-16

Lab Sample ID: 885-9136-4
Matrix: Solid
Date Collected: 07/30/24 13:25
Date Received: 08/03/24 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9773	AT	EET ALB	08/06/24 08:23
Total/NA	Analysis	8015M/D		1	10071	JP	EET ALB	08/10/24 23:21

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campana 2M ST #001

Job ID: 885-9136-1

Client Sample ID: L137 12-16

Date Collected: 07/30/24 13:25
Date Received: 08/03/24 07:15

Lab Sample ID: 885-9136-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9773	AT	EET ALB	08/06/24 08:23
Total/NA	Analysis	8021B		1	10072	JP	EET ALB	08/10/24 23:21
Total/NA	Prep	SHAKE			9829	KR	EET ALB	08/06/24 15:37
Total/NA	Analysis	8015M/D		1	9893	DH	EET ALB	08/07/24 19:41
Total/NA	Prep	300_Prep			9838	KB	EET ALB	08/06/24 16:41
Total/NA	Analysis	300.0		20	9915	RC	EET ALB	08/07/24 18:52

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Devon Energy Corporation
Project/Site: Campana 2M ST #001

Job ID: 885-9136-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-26-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
300.0	300_Prep	Solid	Chloride
8015M/D	5030C	Solid	C6-C10
8015M/D	SHAKE	Solid	C10-C28
8015M/D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]
8021B	5030C	Solid	Benzene
8021B	5030C	Solid	Ethylbenzene
8021B	5030C	Solid	Toluene
8021B	5030C	Solid	Xylenes, Total

Oregon	NELAP	NM100001	02-26-25

Released to Imaging: 2/14/2025 3:42:06 PM
Received by OCD: 2/11/2025 8:43:06 AM

Chain-of-Custody Record

Client: Devon Energy
Jim Raley
Mailing Address:

Phone #:
email or Fax#:
QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time:
☐ Standard BTEX TPH ☑ Rush CI 300 only 48 HOUR
Project Name: Campana 2M St #001
Project #: 5E32074-BG9
Project Manager: Stephanie Hinds
Sampler: MJP
On Ice: ☒ Yes ☐ No
# of Coolers: 1
Cooler Temp(including CF): 3.7+1.8=5.5 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107
885-9136 COC

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
7/30	8:40	Soil	L80 0-4	4 oz	ice	1	✓	✓					✓			
	9:05		L85 0-4			2										
	10:40		L104 4-8			3										
	1:25		L137 12-16			4										

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
8/2/24	750				8/2/24	750
8/2/24	1900			Courier	8/5/24	7:15

Remarks:
Direct bill Devon CC: M. Peppin
2 Day Rush CI ONLY

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Login Sample Receipt Checklist

Client: Devon Energy Corporation Job Number: 885-9136-1

Login Number: 9136 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: Casarrubias, Tracy

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	True	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Stephanie Hinds
Souder, Miller & Associates
201 S. Halagueno St.
Carlsbad, New Mexico 88220

Generated 8/23/2024 2:29:33 PM

JOB DESCRIPTION

Campana 2M st #001

JOB NUMBER

885-10038-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Released to Imaging: 2/14/2025 3:42:00 PM

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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8/23/2024 2:29:33 PM

Authorized for release by
Andy Freeman, Business Unit Manager
andy.freeman@et.eurofinsus.com
(505)345-3975

Client: Souder, Miller & Associates
Project/Site: Campana 2M st #001

Laboratory Job ID: 885-10038-1

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Definitions/Glossary

Client: Souder, Miller & Associates
Job ID: 885-10038-1
Project/Site: Campana 2M st #001

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Souder, Miller & Associates
Project: Campana 2M st #001

Job ID: 885-10038-1

Job ID: 885-10038-1 Eurofins Albuquerque

Job Narrative
885-10038-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 8/16/2024 8:20 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

Gasoline Range Organics
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Campana 2M st #001

Job ID: 885-10038-1

Client Sample ID: L42 4.5'

Date Collected: 08/14/24 12:00
Date Received: 08/16/24 08:20

Lab Sample ID: 885-10038-1
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		08/16/24 12:01	08/19/24 21:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*35 - 166*	*08/16/24 12:01*	*08/19/24 21:21*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/16/24 12:01	08/19/24 21:21	1
Ethylbenzene	ND		0.050		mg/Kg		08/16/24 12:01	08/19/24 21:21	1
Toluene	ND		0.050		mg/Kg		08/16/24 12:01	08/19/24 21:21	1
Xylenes, Total	ND		0.10		mg/Kg		08/16/24 12:01	08/19/24 21:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*48 - 145*	*08/16/24 12:01*	*08/19/24 21:21*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9		mg/Kg		08/19/24 14:25	08/19/24 19:51	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/19/24 14:25	08/19/24 19:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*115*		*62 - 134*	*08/19/24 14:25*	*08/19/24 19:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**160**		60		mg/Kg		08/20/24 14:02	08/20/24 19:13	20

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Campana 2M st #001

Job ID: 885-10038-1

Client Sample ID: L61 0-4.5'

Date Collected: 08/14/24 12:21
Date Received: 08/16/24 08:20

Lab Sample ID: 885-10038-2

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		08/16/24 12:01	08/19/24 22:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*35 - 166*	*08/16/24 12:01*	*08/19/24 22:31*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/16/24 12:01	08/19/24 22:31	1
Ethylbenzene	ND		0.050		mg/Kg		08/16/24 12:01	08/19/24 22:31	1
Toluene	ND		0.050		mg/Kg		08/16/24 12:01	08/19/24 22:31	1
Xylenes, Total	ND		0.099		mg/Kg		08/16/24 12:01	08/19/24 22:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*48 - 145*	*08/16/24 12:01*	*08/19/24 22:31*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		8.9		mg/Kg		08/19/24 14:25	08/19/24 20:02	1
Motor Oil Range Organics [C28-C40]	ND		45		mg/Kg		08/19/24 14:25	08/19/24 20:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*105*		*62 - 134*	*08/19/24 14:25*	*08/19/24 20:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/20/24 14:02	08/20/24 19:26	20

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Campana 2M st #001

Job ID: 885-10038-1

Client Sample ID: L65 0-4.5'

Date Collected: 08/14/24 11:22
Date Received: 08/16/24 08:20

Lab Sample ID: 885-10038-3

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		08/16/24 12:01	08/19/24 23:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*35 - 166*	*08/16/24 12:01*	*08/19/24 23:42*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/16/24 12:01	08/19/24 23:42	1
Ethylbenzene	ND		0.050		mg/Kg		08/16/24 12:01	08/19/24 23:42	1
Toluene	ND		0.050		mg/Kg		08/16/24 12:01	08/19/24 23:42	1
Xylenes, Total	ND		0.10		mg/Kg		08/16/24 12:01	08/19/24 23:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*48 - 145*	*08/16/24 12:01*	*08/19/24 23:42*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8		mg/Kg		08/19/24 14:25	08/19/24 20:13	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/19/24 14:25	08/19/24 20:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*106*		*62 - 134*	*08/19/24 14:25*	*08/19/24 20:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**84**		60		mg/Kg		08/20/24 14:02	08/20/24 20:27	20

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Campana 2M st #001

Job ID: 885-10038-1

Client Sample ID: L78 0-4.5'

Date Collected: 08/14/24 11:28
Date Received: 08/16/24 08:20

Lab Sample ID: 885-10038-4

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		08/16/24 12:01	08/20/24 00:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*35 - 166*	*08/16/24 12:01*	*08/20/24 00:05*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/16/24 12:01	08/20/24 00:05	1
Ethylbenzene	ND		0.048		mg/Kg		08/16/24 12:01	08/20/24 00:05	1
Toluene	ND		0.048		mg/Kg		08/16/24 12:01	08/20/24 00:05	1
Xylenes, Total	ND		0.095		mg/Kg		08/16/24 12:01	08/20/24 00:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*48 - 145*	*08/16/24 12:01*	*08/20/24 00:05*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9		mg/Kg		08/19/24 14:25	08/19/24 20:35	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/19/24 14:25	08/19/24 20:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*107*		*62 - 134*	*08/19/24 14:25*	*08/19/24 20:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/20/24 14:02	08/20/24 20:40	20

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Campana 2M st #001

Job ID: 885-10038-1

Client Sample ID: L85 0-5.5'

Date Collected: 08/14/24 10:08
Date Received: 08/16/24 08:20

Lab Sample ID: 885-10038-5

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		08/16/24 12:01	08/20/24 00:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*35 - 166*	*08/16/24 12:01*	*08/20/24 00:28*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/16/24 12:01	08/20/24 00:28	1
Ethylbenzene	ND		0.049		mg/Kg		08/16/24 12:01	08/20/24 00:28	1
Toluene	ND		0.049		mg/Kg		08/16/24 12:01	08/20/24 00:28	1
Xylenes, Total	ND		0.098		mg/Kg		08/16/24 12:01	08/20/24 00:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*48 - 145*	*08/16/24 12:01*	*08/20/24 00:28*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5		mg/Kg		08/19/24 14:25	08/19/24 20:46	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		08/19/24 14:25	08/19/24 20:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*109*		*62 - 134*	*08/19/24 14:25*	*08/19/24 20:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**97**		60		mg/Kg		08/20/24 14:02	08/20/24 20:52	20

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Campana 2M st #001

Job ID: 885-10038-1

Client Sample ID: L88 0-5.5'

Date Collected: 08/14/24 10:06
Date Received: 08/16/24 08:20

Lab Sample ID: 885-10038-6

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		08/16/24 12:01	08/20/24 00:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*35 - 166*	*08/16/24 12:01*	*08/20/24 00:52*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/16/24 12:01	08/20/24 00:52	1
Ethylbenzene	ND		0.049		mg/Kg		08/16/24 12:01	08/20/24 00:52	1
Toluene	ND		0.049		mg/Kg		08/16/24 12:01	08/20/24 00:52	1
Xylenes, Total	ND		0.098		mg/Kg		08/16/24 12:01	08/20/24 00:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*48 - 145*	*08/16/24 12:01*	*08/20/24 00:52*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8		mg/Kg		08/19/24 14:25	08/19/24 20:57	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/19/24 14:25	08/19/24 20:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*108*		*62 - 134*	*08/19/24 14:25*	*08/19/24 20:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**470**		60		mg/Kg		08/20/24 14:02	08/20/24 21:04	20

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Campana 2M st #001

Job ID: 885-10038-1

Client Sample ID: L89 5.5'

Date Collected: 08/14/24 10:07
Date Received: 08/16/24 08:20

Lab Sample ID: 885-10038-7

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		08/16/24 12:01	08/20/24 01:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*35 - 166*	*08/16/24 12:01*	*08/20/24 01:15*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/16/24 12:01	08/20/24 01:15	1
Ethylbenzene	ND		0.050		mg/Kg		08/16/24 12:01	08/20/24 01:15	1
Toluene	ND		0.050		mg/Kg		08/16/24 12:01	08/20/24 01:15	1
Xylenes, Total	ND		0.099		mg/Kg		08/16/24 12:01	08/20/24 01:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*48 - 145*	*08/16/24 12:01*	*08/20/24 01:15*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7		mg/Kg		08/19/24 14:25	08/19/24 21:08	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/19/24 14:25	08/19/24 21:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*114*		*62 - 134*	*08/19/24 14:25*	*08/19/24 21:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/20/24 14:02	08/20/24 21:17	20

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Campana 2M st #001

Job ID: 885-10038-1

Client Sample ID: L103 4'-8'

Date Collected: 08/14/24 12:17
Date Received: 08/16/24 08:20

Lab Sample ID: 885-10038-8

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7		mg/Kg		08/16/24 12:01	08/20/24 01:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*35 - 166*	*08/16/24 12:01*	*08/20/24 01:39*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		08/16/24 12:01	08/20/24 01:39	1
Ethylbenzene	ND		0.047		mg/Kg		08/16/24 12:01	08/20/24 01:39	1
Toluene	ND		0.047		mg/Kg		08/16/24 12:01	08/20/24 01:39	1
Xylenes, Total	ND		0.093		mg/Kg		08/16/24 12:01	08/20/24 01:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*48 - 145*	*08/16/24 12:01*	*08/20/24 01:39*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5		mg/Kg		08/19/24 14:25	08/19/24 21:19	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		08/19/24 14:25	08/19/24 21:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*117*		*62 - 134*	*08/19/24 14:25*	*08/19/24 21:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**320**		60		mg/Kg		08/20/24 14:02	08/20/24 21:29	20

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Campana 2M st #001

Job ID: 885-10038-1

Client Sample ID: L106 4'-8'

Date Collected: 08/14/24 12:18
Date Received: 08/16/24 08:20

Lab Sample ID: 885-10038-9

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		08/16/24 12:01	08/20/24 02:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*35 - 166*	*08/16/24 12:01*	*08/20/24 02:02*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/16/24 12:01	08/20/24 02:02	1
Ethylbenzene	ND		0.048		mg/Kg		08/16/24 12:01	08/20/24 02:02	1
Toluene	ND		0.048		mg/Kg		08/16/24 12:01	08/20/24 02:02	1
Xylenes, Total	ND		0.097		mg/Kg		08/16/24 12:01	08/20/24 02:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*48 - 145*	*08/16/24 12:01*	*08/20/24 02:02*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.2		mg/Kg		08/19/24 14:25	08/19/24 21:30	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		08/19/24 14:25	08/19/24 21:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*128*		*62 - 134*	*08/19/24 14:25*	*08/19/24 21:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**82**		60		mg/Kg		08/20/24 14:02	08/20/24 21:41	20

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Campana 2M st #001

Job ID: 885-10038-1

Client Sample ID: L137 12'-16'

Date Collected: 08/14/24 12:19
Date Received: 08/16/24 08:20

Lab Sample ID: 885-10038-10

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.6		mg/Kg		08/16/24 12:01	08/20/24 02:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*35 - 166*	*08/16/24 12:01*	*08/20/24 02:26*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		08/16/24 12:01	08/20/24 02:26	1
Ethylbenzene	ND		0.046		mg/Kg		08/16/24 12:01	08/20/24 02:26	1
Toluene	ND		0.046		mg/Kg		08/16/24 12:01	08/20/24 02:26	1
Xylenes, Total	ND		0.093		mg/Kg		08/16/24 12:01	08/20/24 02:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*48 - 145*	*08/16/24 12:01*	*08/20/24 02:26*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7		mg/Kg		08/19/24 14:25	08/19/24 21:41	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/19/24 14:25	08/19/24 21:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*98*		*62 - 134*	*08/19/24 14:25*	*08/19/24 21:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**460**		60		mg/Kg		08/20/24 14:02	08/20/24 21:54	20

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Campana 2M st #001

Job ID: 885-10038-1

Client Sample ID: L146 16.5'

Date Collected: 08/14/24 12:15
Date Received: 08/16/24 08:20

Lab Sample ID: 885-10038-11

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		08/16/24 12:01	08/20/24 03:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*35 - 166*	*08/16/24 12:01*	*08/20/24 03:12*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/16/24 12:01	08/20/24 03:12	1
Ethylbenzene	ND		0.049		mg/Kg		08/16/24 12:01	08/20/24 03:12	1
Toluene	ND		0.049		mg/Kg		08/16/24 12:01	08/20/24 03:12	1
Xylenes, Total	ND		0.098		mg/Kg		08/16/24 12:01	08/20/24 03:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*48 - 145*	*08/16/24 12:01*	*08/20/24 03:12*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		08/19/24 14:25	08/19/24 21:52	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/19/24 14:25	08/19/24 21:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*98*		*62 - 134*	*08/19/24 14:25*	*08/19/24 21:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**270**		60		mg/Kg		08/20/24 14:02	08/20/24 22:06	20

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Campana 2M st #001

Job ID: 885-10038-1

Client Sample ID: L150 16.5'

Date Collected: 08/14/24 12:16
Date Received: 08/16/24 08:20

Lab Sample ID: 885-10038-12

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		08/16/24 12:01	08/20/24 03:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*35 - 166*	*08/16/24 12:01*	*08/20/24 03:36*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/16/24 12:01	08/20/24 03:36	1
Ethylbenzene	ND		0.048		mg/Kg		08/16/24 12:01	08/20/24 03:36	1
Toluene	ND		0.048		mg/Kg		08/16/24 12:01	08/20/24 03:36	1
Xylenes, Total	ND		0.097		mg/Kg		08/16/24 12:01	08/20/24 03:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*48 - 145*	*08/16/24 12:01*	*08/20/24 03:36*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4		mg/Kg		08/19/24 14:25	08/19/24 22:03	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		08/19/24 14:25	08/19/24 22:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*96*		*62 - 134*	*08/19/24 14:25*	*08/19/24 22:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**160**		60		mg/Kg		08/20/24 14:02	08/20/24 22:18	20

QC Sample Results

Client: Souder, Miller & Associates
Project/Site: Campana 2M st #001

Job ID: 885-10038-1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-10423/1-A
Matrix: Solid
Analysis Batch: 10627

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 10423

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		08/16/24 12:01	08/19/24 20:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*35 - 166*	*08/16/24 12:01*	*08/19/24 20:58*	*1*

Lab Sample ID: LCS 885-10423/2-A
Matrix: Solid
Analysis Batch: 10627

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 10423

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			25.0	29.3		mg/Kg		117	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*221*		*35 - 166*

Lab Sample ID: 885-10038-1 MS
Matrix: Solid
Analysis Batch: 10627

Client Sample ID: L42 4.5'
Prep Type: Total/NA
Prep Batch: 10423

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	ND		24.9	25.9		mg/Kg		104	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*210*		*35 - 166*

Lab Sample ID: 885-10038-1 MSD
Matrix: Solid
Analysis Batch: 10627

Client Sample ID: L42 4.5'
Prep Type: Total/NA
Prep Batch: 10423

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	ND		24.9	24.6		mg/Kg		99	70 - 130	5	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*208*		*35 - 166*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-10387/1-A
Matrix: Solid
Analysis Batch: 10628

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 10387

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/16/24 08:34	08/19/24 11:54	1
Ethylbenzene	ND		0.050		mg/Kg		08/16/24 08:34	08/19/24 11:54	1
Toluene	ND		0.050		mg/Kg		08/16/24 08:34	08/19/24 11:54	1

QC Sample Results

Client: Souder, Miller & Associates
Project/Site: Campana 2M st #001

Job ID: 885-10038-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 885-10387/1-A
Matrix: Solid
Analysis Batch: 10628

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 10387

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		0.10		mg/Kg		08/16/24 08:34	08/19/24 11:54	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*48 - 145*	*08/16/24 08:34*	*08/19/24 11:54*	*1*

Lab Sample ID: MB 885-10423/1-A
Matrix: Solid
Analysis Batch: 10628

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 10423

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/16/24 12:01	08/19/24 20:58	1
Ethylbenzene	ND		0.050		mg/Kg		08/16/24 12:01	08/19/24 20:58	1
Toluene	ND		0.050		mg/Kg		08/16/24 12:01	08/19/24 20:58	1
Xylenes, Total	ND		0.10		mg/Kg		08/16/24 12:01	08/19/24 20:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*48 - 145*	*08/16/24 12:01*	*08/19/24 20:58*	*1*

Lab Sample ID: LCS 885-10423/3-A
Matrix: Solid
Analysis Batch: 10628

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 10423

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	0.981		mg/Kg		98	70 - 130		
Ethylbenzene			1.00	0.917		mg/Kg		92	70 - 130		
Toluene			1.00	0.930		mg/Kg		93	70 - 130		
m,p-Xylene			2.00	1.85		mg/Kg		92	70 - 130		
o-Xylene			1.00	0.887		mg/Kg		89	70 - 130		
Xylenes, Total			3.00	2.73		mg/Kg		91	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*89*		*48 - 145*

Lab Sample ID: 885-10038-2 MS
Matrix: Solid
Analysis Batch: 10628

Client Sample ID: L61 0-4.5'
Prep Type: Total/NA
Prep Batch: 10423

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	ND		0.999	0.923		mg/Kg		92	70 - 130		
Ethylbenzene	ND		0.999	0.868		mg/Kg		87	70 - 130		
Toluene	ND		0.999	0.883		mg/Kg		87	70 - 130		
m,p-Xylene	ND		2.00	1.76		mg/Kg		88	70 - 130		
o-Xylene	ND		0.999	0.843		mg/Kg		84	70 - 130		
Xylenes, Total	ND		3.00	2.60		mg/Kg		87	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*88*		*48 - 145*

QC Sample Results

Client: Souder, Miller & Associates
Project/Site: Campana 2M st #001

Job ID: 885-10038-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 885-10038-2 MSD
Matrix: Solid
Analysis Batch: 10628

Client Sample ID: L61 0-4.5'
Prep Type: Total/NA
Prep Batch: 10423

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.992	0.930		mg/Kg		94	70 - 130	1	20
Ethylbenzene	ND		0.992	0.847		mg/Kg		85	70 - 130	2	20
Toluene	ND		0.992	0.863		mg/Kg		86	70 - 130	2	20
m,p-Xylene	ND		1.98	1.70		mg/Kg		86	70 - 130	4	20
o-Xylene	ND		0.992	0.823		mg/Kg		83	70 - 130	2	20
Xylenes, Total	ND		2.98	2.52		mg/Kg		85	70 - 130	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*89*		*48 - 145*

Method: 8015M/D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-10525/1-A
Matrix: Solid
Analysis Batch: 10595

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 10525

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		08/19/24 14:25	08/19/24 18:33	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/19/24 14:25	08/19/24 18:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*104*		*62 - 134*	*08/19/24 14:25*	*08/19/24 18:33*	*1*

Lab Sample ID: LCS 885-10525/2-A
Matrix: Solid
Analysis Batch: 10595

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 10525

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	48.8		mg/Kg		98	60 - 135		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*100*		*62 - 134*

Lab Sample ID: 885-10038-12 MS
Matrix: Solid
Analysis Batch: 10595

Client Sample ID: L150 16.5'
Prep Type: Total/NA
Prep Batch: 10525

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]	ND		46.6	45.2		mg/Kg		97	44 - 136		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*102*		*62 - 134*

QC Sample Results

Client: Souder, Miller & Associates
Project/Site: Campana 2M st #001

Job ID: 885-10038-1

Method: 8015M/D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 885-10038-12 MSD
Matrix: Solid
Analysis Batch: 10595

Client Sample ID: L150 16.5'
Prep Type: Total/NA
Prep Batch: 10525

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		49.3	48.6		mg/Kg		98	44 - 136	7	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*102*		*62 - 134*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-10630/1-A
Matrix: Solid
Analysis Batch: 10676

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 10630

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0		mg/Kg		08/20/24 14:02	08/20/24 18:24	1

Lab Sample ID: LCS 885-10630/2-A
Matrix: Solid
Analysis Batch: 10676

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 10630

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			30.0	28.2		mg/Kg		94	90 - 110		

Lab Sample ID: MB 885-10676/4
Matrix: Solid
Analysis Batch: 10676

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50		mg/Kg			08/20/24 10:59	1

Lab Sample ID: MRL 885-10676/3
Matrix: Solid
Analysis Batch: 10676

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			0.500	0.515		mg/L		103	50 - 150		

QC Association Summary

Client: Souder, Miller & Associates
Project/Site: Campana 2M st #001

Job ID: 885-10038-1

GC VOA

Prep Batch: 10387

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-10387/1-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 10423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10038-1	L42 4.5'	Total/NA	Solid	5030C	
885-10038-2	L61 0-4.5'	Total/NA	Solid	5030C	
885-10038-3	L65 0-4.5'	Total/NA	Solid	5030C	
885-10038-4	L78 0-4.5'	Total/NA	Solid	5030C	
885-10038-5	L85 0-5.5'	Total/NA	Solid	5030C	
885-10038-6	L88 0-5.5'	Total/NA	Solid	5030C	
885-10038-7	L89 5.5'	Total/NA	Solid	5030C	
885-10038-8	L103 4'-8'	Total/NA	Solid	5030C	
885-10038-9	L106 4'-8'	Total/NA	Solid	5030C	
885-10038-10	L137 12'-16'	Total/NA	Solid	5030C	
885-10038-11	L146 16.5'	Total/NA	Solid	5030C	
885-10038-12	L150 16.5'	Total/NA	Solid	5030C	
MB 885-10423/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-10423/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-10423/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-10038-1 MS	L42 4.5'	Total/NA	Solid	5030C	
885-10038-1 MSD	L42 4.5'	Total/NA	Solid	5030C	
885-10038-2 MS	L61 0-4.5'	Total/NA	Solid	5030C	
885-10038-2 MSD	L61 0-4.5'	Total/NA	Solid	5030C	

Analysis Batch: 10627

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10038-1	L42 4.5'	Total/NA	Solid	8015M/D	10423
885-10038-2	L61 0-4.5'	Total/NA	Solid	8015M/D	10423
885-10038-3	L65 0-4.5'	Total/NA	Solid	8015M/D	10423
885-10038-4	L78 0-4.5'	Total/NA	Solid	8015M/D	10423
885-10038-5	L85 0-5.5'	Total/NA	Solid	8015M/D	10423
885-10038-6	L88 0-5.5'	Total/NA	Solid	8015M/D	10423
885-10038-7	L89 5.5'	Total/NA	Solid	8015M/D	10423
885-10038-8	L103 4'-8'	Total/NA	Solid	8015M/D	10423
885-10038-9	L106 4'-8'	Total/NA	Solid	8015M/D	10423
885-10038-10	L137 12'-16'	Total/NA	Solid	8015M/D	10423
885-10038-11	L146 16.5'	Total/NA	Solid	8015M/D	10423
885-10038-12	L150 16.5'	Total/NA	Solid	8015M/D	10423
MB 885-10423/1-A	Method Blank	Total/NA	Solid	8015M/D	10423
LCS 885-10423/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	10423
885-10038-1 MS	L42 4.5'	Total/NA	Solid	8015M/D	10423
885-10038-1 MSD	L42 4.5'	Total/NA	Solid	8015M/D	10423

Analysis Batch: 10628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10038-1	L42 4.5'	Total/NA	Solid	8021B	10423
885-10038-2	L61 0-4.5'	Total/NA	Solid	8021B	10423
885-10038-3	L65 0-4.5'	Total/NA	Solid	8021B	10423
885-10038-4	L78 0-4.5'	Total/NA	Solid	8021B	10423
885-10038-5	L85 0-5.5'	Total/NA	Solid	8021B	10423
885-10038-6	L88 0-5.5'	Total/NA	Solid	8021B	10423

QC Association Summary

Client: Souder, Miller & Associates
Project/Site: Campana 2M st #001

Job ID: 885-10038-1

GC VOA (Continued)

Analysis Batch: 10628 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10038-7	L89 5.5'	Total/NA	Solid	8021B	10423
885-10038-8	L103 4'-8'	Total/NA	Solid	8021B	10423
885-10038-9	L106 4'-8'	Total/NA	Solid	8021B	10423
885-10038-10	L137 12'-16'	Total/NA	Solid	8021B	10423
885-10038-11	L146 16.5'	Total/NA	Solid	8021B	10423
885-10038-12	L150 16.5'	Total/NA	Solid	8021B	10423
MB 885-10387/1-A	Method Blank	Total/NA	Solid	8021B	10387
MB 885-10423/1-A	Method Blank	Total/NA	Solid	8021B	10423
LCS 885-10423/3-A	Lab Control Sample	Total/NA	Solid	8021B	10423
885-10038-2 MS	L61 0-4.5'	Total/NA	Solid	8021B	10423
885-10038-2 MSD	L61 0-4.5'	Total/NA	Solid	8021B	10423

GC Semi VOA

Prep Batch: 10525

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10038-1	L42 4.5'	Total/NA	Solid	SHAKE	
885-10038-2	L61 0-4.5'	Total/NA	Solid	SHAKE	
885-10038-3	L65 0-4.5'	Total/NA	Solid	SHAKE	
885-10038-4	L78 0-4.5'	Total/NA	Solid	SHAKE	
885-10038-5	L85 0-5.5'	Total/NA	Solid	SHAKE	
885-10038-6	L88 0-5.5'	Total/NA	Solid	SHAKE	
885-10038-7	L89 5.5'	Total/NA	Solid	SHAKE	
885-10038-8	L103 4'-8'	Total/NA	Solid	SHAKE	
885-10038-9	L106 4'-8'	Total/NA	Solid	SHAKE	
885-10038-10	L137 12'-16'	Total/NA	Solid	SHAKE	
885-10038-11	L146 16.5'	Total/NA	Solid	SHAKE	
885-10038-12	L150 16.5'	Total/NA	Solid	SHAKE	
MB 885-10525/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-10525/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-10038-12 MS	L150 16.5'	Total/NA	Solid	SHAKE	
885-10038-12 MSD	L150 16.5'	Total/NA	Solid	SHAKE	

Analysis Batch: 10595

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10038-1	L42 4.5'	Total/NA	Solid	8015M/D	10525
885-10038-2	L61 0-4.5'	Total/NA	Solid	8015M/D	10525
885-10038-3	L65 0-4.5'	Total/NA	Solid	8015M/D	10525
885-10038-4	L78 0-4.5'	Total/NA	Solid	8015M/D	10525
885-10038-5	L85 0-5.5'	Total/NA	Solid	8015M/D	10525
885-10038-6	L88 0-5.5'	Total/NA	Solid	8015M/D	10525
885-10038-7	L89 5.5'	Total/NA	Solid	8015M/D	10525
885-10038-8	L103 4'-8'	Total/NA	Solid	8015M/D	10525
885-10038-9	L106 4'-8'	Total/NA	Solid	8015M/D	10525
885-10038-10	L137 12'-16'	Total/NA	Solid	8015M/D	10525
885-10038-11	L146 16.5'	Total/NA	Solid	8015M/D	10525
885-10038-12	L150 16.5'	Total/NA	Solid	8015M/D	10525
MB 885-10525/1-A	Method Blank	Total/NA	Solid	8015M/D	10525
LCS 885-10525/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	10525
885-10038-12 MS	L150 16.5'	Total/NA	Solid	8015M/D	10525
885-10038-12 MSD	L150 16.5'	Total/NA	Solid	8015M/D	10525

QC Association Summary

Client: Souder, Miller & Associates
Project/Site: Campana 2M st #001

Job ID: 885-10038-1

HPLC/IC

Prep Batch: 10630

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10038-1	L42 4.5'	Total/NA	Solid	300_Prep	
885-10038-2	L61 0-4.5'	Total/NA	Solid	300_Prep	
885-10038-3	L65 0-4.5'	Total/NA	Solid	300_Prep	
885-10038-4	L78 0-4.5'	Total/NA	Solid	300_Prep	
885-10038-5	L85 0-5.5'	Total/NA	Solid	300_Prep	
885-10038-6	L88 0-5.5'	Total/NA	Solid	300_Prep	
885-10038-7	L89 5.5'	Total/NA	Solid	300_Prep	
885-10038-8	L103 4'-8'	Total/NA	Solid	300_Prep	
885-10038-9	L106 4'-8'	Total/NA	Solid	300_Prep	
885-10038-10	L137 12'-16'	Total/NA	Solid	300_Prep	
885-10038-11	L146 16.5'	Total/NA	Solid	300_Prep	
885-10038-12	L150 16.5'	Total/NA	Solid	300_Prep	
MB 885-10630/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-10630/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 10676

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10038-1	L42 4.5'	Total/NA	Solid	300.0	10630
885-10038-2	L61 0-4.5'	Total/NA	Solid	300.0	10630
885-10038-3	L65 0-4.5'	Total/NA	Solid	300.0	10630
885-10038-4	L78 0-4.5'	Total/NA	Solid	300.0	10630
885-10038-5	L85 0-5.5'	Total/NA	Solid	300.0	10630
885-10038-6	L88 0-5.5'	Total/NA	Solid	300.0	10630
885-10038-7	L89 5.5'	Total/NA	Solid	300.0	10630
885-10038-8	L103 4'-8'	Total/NA	Solid	300.0	10630
885-10038-9	L106 4'-8'	Total/NA	Solid	300.0	10630
885-10038-10	L137 12'-16'	Total/NA	Solid	300.0	10630
885-10038-11	L146 16.5'	Total/NA	Solid	300.0	10630
885-10038-12	L150 16.5'	Total/NA	Solid	300.0	10630
MB 885-10630/1-A	Method Blank	Total/NA	Solid	300.0	10630
MB 885-10676/4	Method Blank	Total/NA	Solid	300.0	
LCS 885-10630/2-A	Lab Control Sample	Total/NA	Solid	300.0	10630
MRL 885-10676/3	Lab Control Sample	Total/NA	Solid	300.0	

Lab Chronicle

Client: Souder, Miller & Associates
Job ID: 885-10038-1
Project/Site: Campana 2M st #001

Client Sample ID: L42 4.5'
Lab Sample ID: 885-10038-1
Date Collected: 08/14/24 12:00
Matrix: Solid
Date Received: 08/16/24 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10423	AT	EET ALB	08/16/24 12:01
Total/NA	Analysis	8015M/D		1	10627	RA	EET ALB	08/19/24 21:21
Total/NA	Prep	5030C			10423	AT	EET ALB	08/16/24 12:01
Total/NA	Analysis	8021B		1	10628	RA	EET ALB	08/19/24 21:21
Total/NA	Prep	SHAKE			10525	EM	EET ALB	08/19/24 14:25
Total/NA	Analysis	8015M/D		1	10595	EM	EET ALB	08/19/24 19:51
Total/NA	Prep	300_Prep			10630	KB	EET ALB	08/20/24 14:02
Total/NA	Analysis	300.0		20	10676	EH	EET ALB	08/20/24 19:13

Client Sample ID: L61 0-4.5'
Lab Sample ID: 885-10038-2
Date Collected: 08/14/24 12:21
Matrix: Solid
Date Received: 08/16/24 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10423	AT	EET ALB	08/16/24 12:01
Total/NA	Analysis	8015M/D		1	10627	RA	EET ALB	08/19/24 22:31
Total/NA	Prep	5030C			10423	AT	EET ALB	08/16/24 12:01
Total/NA	Analysis	8021B		1	10628	RA	EET ALB	08/19/24 22:31
Total/NA	Prep	SHAKE			10525	EM	EET ALB	08/19/24 14:25
Total/NA	Analysis	8015M/D		1	10595	EM	EET ALB	08/19/24 20:02
Total/NA	Prep	300_Prep			10630	KB	EET ALB	08/20/24 14:02
Total/NA	Analysis	300.0		20	10676	EH	EET ALB	08/20/24 19:26

Client Sample ID: L65 0-4.5'
Lab Sample ID: 885-10038-3
Date Collected: 08/14/24 11:22
Matrix: Solid
Date Received: 08/16/24 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10423	AT	EET ALB	08/16/24 12:01
Total/NA	Analysis	8015M/D		1	10627	RA	EET ALB	08/19/24 23:42
Total/NA	Prep	5030C			10423	AT	EET ALB	08/16/24 12:01
Total/NA	Analysis	8021B		1	10628	RA	EET ALB	08/19/24 23:42
Total/NA	Prep	SHAKE			10525	EM	EET ALB	08/19/24 14:25
Total/NA	Analysis	8015M/D		1	10595	EM	EET ALB	08/19/24 20:13
Total/NA	Prep	300_Prep			10630	KB	EET ALB	08/20/24 14:02
Total/NA	Analysis	300.0		20	10676	EH	EET ALB	08/20/24 20:27

Client Sample ID: L78 0-4.5'
Lab Sample ID: 885-10038-4
Date Collected: 08/14/24 11:28
Matrix: Solid
Date Received: 08/16/24 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10423	AT	EET ALB	08/16/24 12:01
Total/NA	Analysis	8015M/D		1	10627	RA	EET ALB	08/20/24 00:05

Lab Chronicle

Client: Souder, Miller & Associates
Job ID: 885-10038-1
Project/Site: Campana 2M st #001

Client Sample ID: L78 0-4.5'
Lab Sample ID: 885-10038-4
Date Collected: 08/14/24 11:28
Matrix: Solid
Date Received: 08/16/24 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10423	AT	EET ALB	08/16/24 12:01
Total/NA	Analysis	8021B		1	10628	RA	EET ALB	08/20/24 00:05
Total/NA	Prep	SHAKE			10525	EM	EET ALB	08/19/24 14:25
Total/NA	Analysis	8015M/D		1	10595	EM	EET ALB	08/19/24 20:35
Total/NA	Prep	300_Prep			10630	KB	EET ALB	08/20/24 14:02
Total/NA	Analysis	300.0		20	10676	EH	EET ALB	08/20/24 20:40

Client Sample ID: L85 0-5.5'
Lab Sample ID: 885-10038-5
Date Collected: 08/14/24 10:08
Matrix: Solid
Date Received: 08/16/24 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10423	AT	EET ALB	08/16/24 12:01
Total/NA	Analysis	8015M/D		1	10627	RA	EET ALB	08/20/24 00:28
Total/NA	Prep	5030C			10423	AT	EET ALB	08/16/24 12:01
Total/NA	Analysis	8021B		1	10628	RA	EET ALB	08/20/24 00:28
Total/NA	Prep	SHAKE			10525	EM	EET ALB	08/19/24 14:25
Total/NA	Analysis	8015M/D		1	10595	EM	EET ALB	08/19/24 20:46
Total/NA	Prep	300_Prep			10630	KB	EET ALB	08/20/24 14:02
Total/NA	Analysis	300.0		20	10676	EH	EET ALB	08/20/24 20:52

Client Sample ID: L88 0-5.5'
Lab Sample ID: 885-10038-6
Date Collected: 08/14/24 10:06
Matrix: Solid
Date Received: 08/16/24 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10423	AT	EET ALB	08/16/24 12:01
Total/NA	Analysis	8015M/D		1	10627	RA	EET ALB	08/20/24 00:52
Total/NA	Prep	5030C			10423	AT	EET ALB	08/16/24 12:01
Total/NA	Analysis	8021B		1	10628	RA	EET ALB	08/20/24 00:52
Total/NA	Prep	SHAKE			10525	EM	EET ALB	08/19/24 14:25
Total/NA	Analysis	8015M/D		1	10595	EM	EET ALB	08/19/24 20:57
Total/NA	Prep	300_Prep			10630	KB	EET ALB	08/20/24 14:02
Total/NA	Analysis	300.0		20	10676	EH	EET ALB	08/20/24 21:04

Client Sample ID: L89 5.5'
Lab Sample ID: 885-10038-7
Date Collected: 08/14/24 10:07
Matrix: Solid
Date Received: 08/16/24 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10423	AT	EET ALB	08/16/24 12:01
Total/NA	Analysis	8015M/D		1	10627	RA	EET ALB	08/20/24 01:15
Total/NA	Prep	5030C			10423	AT	EET ALB	08/16/24 12:01
Total/NA	Analysis	8021B		1	10628	RA	EET ALB	08/20/24 01:15

Lab Chronicle

Client: Souder, Miller & Associates
Project/Site: Campana 2M st #001

Job ID: 885-10038-1

Client Sample ID: L89 5.5'

Lab Sample ID: 885-10038-7
Matrix: Solid
Date Collected: 08/14/24 10:07
Date Received: 08/16/24 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			10525	EM	EET ALB	08/19/24 14:25
Total/NA	Analysis	8015M/D		1	10595	EM	EET ALB	08/19/24 21:08
Total/NA	Prep	300_Prep			10630	KB	EET ALB	08/20/24 14:02
Total/NA	Analysis	300.0		20	10676	EH	EET ALB	08/20/24 21:17

Client Sample ID: L103 4'-8'

Lab Sample ID: 885-10038-8
Matrix: Solid
Date Collected: 08/14/24 12:17
Date Received: 08/16/24 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10423	AT	EET ALB	08/16/24 12:01
Total/NA	Analysis	8015M/D		1	10627	RA	EET ALB	08/20/24 01:39
Total/NA	Prep	5030C			10423	AT	EET ALB	08/16/24 12:01
Total/NA	Analysis	8021B		1	10628	RA	EET ALB	08/20/24 01:39
Total/NA	Prep	SHAKE			10525	EM	EET ALB	08/19/24 14:25
Total/NA	Analysis	8015M/D		1	10595	EM	EET ALB	08/19/24 21:19
Total/NA	Prep	300_Prep			10630	KB	EET ALB	08/20/24 14:02
Total/NA	Analysis	300.0		20	10676	EH	EET ALB	08/20/24 21:29

Client Sample ID: L106 4'-8'

Lab Sample ID: 885-10038-9
Matrix: Solid
Date Collected: 08/14/24 12:18
Date Received: 08/16/24 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10423	AT	EET ALB	08/16/24 12:01
Total/NA	Analysis	8015M/D		1	10627	RA	EET ALB	08/20/24 02:02
Total/NA	Prep	5030C			10423	AT	EET ALB	08/16/24 12:01
Total/NA	Analysis	8021B		1	10628	RA	EET ALB	08/20/24 02:02
Total/NA	Prep	SHAKE			10525	EM	EET ALB	08/19/24 14:25
Total/NA	Analysis	8015M/D		1	10595	EM	EET ALB	08/19/24 21:30
Total/NA	Prep	300_Prep			10630	KB	EET ALB	08/20/24 14:02
Total/NA	Analysis	300.0		20	10676	EH	EET ALB	08/20/24 21:41

Client Sample ID: L137 12'-16'

Lab Sample ID: 885-10038-10
Matrix: Solid
Date Collected: 08/14/24 12:19
Date Received: 08/16/24 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10423	AT	EET ALB	08/16/24 12:01
Total/NA	Analysis	8015M/D		1	10627	RA	EET ALB	08/20/24 02:26
Total/NA	Prep	5030C			10423	AT	EET ALB	08/16/24 12:01
Total/NA	Analysis	8021B		1	10628	RA	EET ALB	08/20/24 02:26
Total/NA	Prep	SHAKE			10525	EM	EET ALB	08/19/24 14:25
Total/NA	Analysis	8015M/D		1	10595	EM	EET ALB	08/19/24 21:41

Lab Chronicle

Client: Souder, Miller & Associates
Job ID: 885-10038-1
Project/Site: Campana 2M st #001

Client Sample ID: L137 12'-16'
Lab Sample ID: 885-10038-10
Date Collected: 08/14/24 12:19
Matrix: Solid
Date Received: 08/16/24 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			10630	KB	EET ALB	08/20/24 14:02
Total/NA	Analysis	300.0		20	10676	EH	EET ALB	08/20/24 21:54

Client Sample ID: L146 16.5'
Lab Sample ID: 885-10038-11
Date Collected: 08/14/24 12:15
Matrix: Solid
Date Received: 08/16/24 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10423	AT	EET ALB	08/16/24 12:01
Total/NA	Analysis	8015M/D		1	10627	RA	EET ALB	08/20/24 03:12
Total/NA	Prep	5030C			10423	AT	EET ALB	08/16/24 12:01
Total/NA	Analysis	8021B		1	10628	RA	EET ALB	08/20/24 03:12
Total/NA	Prep	SHAKE			10525	EM	EET ALB	08/19/24 14:25
Total/NA	Analysis	8015M/D		1	10595	EM	EET ALB	08/19/24 21:52
Total/NA	Prep	300_Prep			10630	KB	EET ALB	08/20/24 14:02
Total/NA	Analysis	300.0		20	10676	EH	EET ALB	08/20/24 22:06

Client Sample ID: L150 16.5'
Lab Sample ID: 885-10038-12
Date Collected: 08/14/24 12:16
Matrix: Solid
Date Received: 08/16/24 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10423	AT	EET ALB	08/16/24 12:01
Total/NA	Analysis	8015M/D		1	10627	RA	EET ALB	08/20/24 03:36
Total/NA	Prep	5030C			10423	AT	EET ALB	08/16/24 12:01
Total/NA	Analysis	8021B		1	10628	RA	EET ALB	08/20/24 03:36
Total/NA	Prep	SHAKE			10525	EM	EET ALB	08/19/24 14:25
Total/NA	Analysis	8015M/D		1	10595	EM	EET ALB	08/19/24 22:03
Total/NA	Prep	300_Prep			10630	KB	EET ALB	08/20/24 14:02
Total/NA	Analysis	300.0		20	10676	EH	EET ALB	08/20/24 22:18

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Souder, Miller & Associates
Project/Site: Campana 2M st #001

Job ID: 885-10038-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-26-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
300.0	300_Prep	Solid	Chloride
8015M/D	5030C	Solid	Gasoline Range Organics (GRO)-C6-C10
8015M/D	SHAKE	Solid	Diesel Range Organics [C10-C28]
8015M/D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]
8021B	5030C	Solid	Benzene
8021B	5030C	Solid	Ethylbenzene
8021B	5030C	Solid	Toluene
8021B	5030C	Solid	Xylenes, Total

Oregon	NELAP	NM100001	02-26-25

Released to Imaging: 2/14/2025 3:42:06 PM
Received by OCD: 2/11/2025 8:43:06 AM

Chain-of-Custody Record

Client: Devon Energy
Jim Raley
Mailing Address:
Phone #:
email or Fax#:
QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time: 2 Day
~~☐ Standard~~ ☒ Rush
Project Name: Campana 2M st #001
Project #: 5E32974-BG9
Project Manager: Stephanie Hinds
Sampler: MJP
On Ice: ☒ Yes ☐ No
# of Coolers: 1 CHUCKY
Cooler Temp(including CF): 5.4-0.4=5.0 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107
885-10038 COC

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
8/14	12:00	30:1	L42 4.5'	4 oz	jar	1	✓	✓					✓			
	12:21		L61 0-4.5'			2										
	11:22		L65 0-4.5'			3										
	11:28		L78 0-4.5'			4										
	10:08		L85 0-5.5'			5										
	10:06		L88 0-5.5'			6										
	10:07		L89 5.5'			7										
	12:17		L103 4'-8'			8										
	12:18		L106 4'-8'			9										
	12:19		L137 12'-16'			10										
	12:15		L146 16.5'			11										
	12:16		L150 16.5'			12										

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
8/15/24	845				8/15/24	845
8/15/24			SCM	COURIER	8/16/24	0820

Remarks: Direct Bill
CC: M. Peppin
48 Hour Rush
Provide NM Soils Pivot EDD

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Login Sample Receipt Checklist

Client: Souder, Miller & Associates Job Number: 885-10038-1

Login Number: 10038 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: McQuiston, Steven

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Jim Raley
Devon Energy Corporation
6488 Seven Rivers Hwy
Artesia, New Mexico 88210

Generated 8/30/2024 9:03:21 AM

JOB DESCRIPTION

Campana 2M ST-H001

JOB NUMBER

885-10471-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Released to Imaging: 2/14/2025 3:42:06 PM

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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8/30/2024 9:03:21 AM

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Client: Devon Energy Corporation
Project/Site: Campana 2M ST-H001

Laboratory Job ID: 885-10471-1

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Definitions/Glossary

Client: Devon Energy Corporation
Project/Site: Campana 2M ST-H001

Job ID: 885-10471-1

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Devon Energy Corporation
Project: Campana 2M ST-H001

Job ID: 885-10471-1

Job ID: 885-10471-1 Eurofins Albuquerque

Job Narrative
885-10471-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 8/23/2024 8:10 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.8°C.

Gasoline Range Organics
Method 8015D_GRO: The closing continuing calibration verification (CCVC) associated with batch 885-11174 recovered above the upper control limit for Gasoline Range Organics (GRO)-C6-C10. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics
Method 8015D_DRO: The continuing calibration verification (CCV) associated with batch 885-11205 recovered above the upper control limit for Diesel Range Organics [C10-C28]. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: SP14 (885-10471-1) and SP15 (885-10471-2).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M ST-H001

Job ID: 885-10471-1

Client Sample ID: SP14

Date Collected: 08/22/24 08:15
Date Received: 08/23/24 08:10

Lab Sample ID: 885-10471-1

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		08/23/24 16:05	08/27/24 18:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*35 - 166*	*08/23/24 16:05*	*08/27/24 18:50*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/23/24 16:05	08/27/24 18:50	1
Ethylbenzene	ND		0.049		mg/Kg		08/23/24 16:05	08/27/24 18:50	1
Toluene	ND		0.049		mg/Kg		08/23/24 16:05	08/27/24 18:50	1
Xylenes, Total	ND		0.097		mg/Kg		08/23/24 16:05	08/27/24 18:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*48 - 145*	*08/23/24 16:05*	*08/27/24 18:50*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3		mg/Kg		08/26/24 14:06	08/29/24 04:46	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		08/26/24 14:06	08/29/24 04:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*93*		*62 - 134*	*08/26/24 14:06*	*08/29/24 04:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5000**		150		mg/Kg		08/26/24 17:19	08/27/24 08:59	50

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M ST-H001

Job ID: 885-10471-1

Client Sample ID: SP15

Date Collected: 08/22/24 08:16
Date Received: 08/23/24 08:10

Lab Sample ID: 885-10471-2

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7		mg/Kg		08/23/24 16:05	08/27/24 19:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*35 - 166*	*08/23/24 16:05*	*08/27/24 19:11*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/23/24 16:05	08/27/24 19:11	1
Ethylbenzene	ND		0.047		mg/Kg		08/23/24 16:05	08/27/24 19:11	1
Toluene	ND		0.047		mg/Kg		08/23/24 16:05	08/27/24 19:11	1
Xylenes, Total	ND		0.095		mg/Kg		08/23/24 16:05	08/27/24 19:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*48 - 145*	*08/23/24 16:05*	*08/27/24 19:11*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8		mg/Kg		08/26/24 14:06	08/29/24 05:10	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/26/24 14:06	08/29/24 05:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*85*		*62 - 134*	*08/26/24 14:06*	*08/29/24 05:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7800**		300		mg/Kg		08/26/24 17:19	08/27/24 09:11	100

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M ST-H001

Job ID: 885-10471-1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-10897/1-A
Matrix: Solid
Analysis Batch: 11174

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 10897

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		08/23/24 16:05	08/27/24 11:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*35 - 166*	*08/23/24 16:05*	*08/27/24 11:12*	*1*

Lab Sample ID: LCS 885-11169/2-A
Matrix: Solid
Analysis Batch: 11174

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11169

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			25.0	24.2		mg/Kg		97	70 - 130		

Surrogate		*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)		*209*	*S1+*	*35 - 166*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-10897/1-A
Matrix: Solid
Analysis Batch: 11175

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 10897

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/23/24 16:05	08/27/24 11:12	1
Ethylbenzene	ND		0.050		mg/Kg		08/23/24 16:05	08/27/24 11:12	1
Toluene	ND		0.050		mg/Kg		08/23/24 16:05	08/27/24 11:12	1
Xylenes, Total	ND		0.10		mg/Kg		08/23/24 16:05	08/27/24 11:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*48 - 145*	*08/23/24 16:05*	*08/27/24 11:12*	*1*

Lab Sample ID: LCS 885-11169/3-A
Matrix: Solid
Analysis Batch: 11175

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11169

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	1.00		mg/Kg		100	70 - 130		
Ethylbenzene			1.00	1.01		mg/Kg		101	70 - 130		
Toluene			1.00	1.02		mg/Kg		102	70 - 130		
m,p-Xylene			2.00	2.03		mg/Kg		102	70 - 130		
o-Xylene			1.00	1.01		mg/Kg		101	70 - 130		

Surrogate		*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)		*107*		*48 - 145*

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M ST-H001

Job ID: 885-10471-1

Method: 8015M/D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-11014/1-A
Matrix: Solid
Analysis Batch: 11205

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11014

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		08/26/24 14:06	08/28/24 21:11	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/26/24 14:06	08/28/24 21:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*101*		*62 - 134*	*08/26/24 14:06*	*08/28/24 21:11*	*1*

Lab Sample ID: LCS 885-11014/2-A
Matrix: Solid
Analysis Batch: 11293

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11014

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	62.3		mg/Kg		125	60 - 135		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*106*		*62 - 134*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-11043/6
Matrix: Solid
Analysis Batch: 11043

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50		mg/Kg			08/26/24 09:20	1

Lab Sample ID: MRL 885-11043/5
Matrix: Solid
Analysis Batch: 11043

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			0.500	0.516		mg/L		103	50 - 150		

Lab Sample ID: MB 885-11048/1-A
Matrix: Solid
Analysis Batch: 11043

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11048

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0		mg/Kg		08/26/24 17:19	08/26/24 21:12	1

Lab Sample ID: LCS 885-11048/2-A
Matrix: Solid
Analysis Batch: 11043

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11048

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			30.0	29.5		mg/Kg		98	90 - 110		

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Campana 2M ST-H001

Job ID: 885-10471-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 885-11156/11
Matrix: Solid
Analysis Batch: 11156

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50		mg/Kg			08/27/24 08:34	1

Lab Sample ID: MRL 885-11156/10
Matrix: Solid
Analysis Batch: 11156

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			0.500	0.530		mg/L		106	50 - 150		

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Campana 2M ST-H001

Job ID: 885-10471-1

GC VOA

Prep Batch: 10897

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10471-1	SP14	Total/NA	Solid	5030C	
885-10471-2	SP15	Total/NA	Solid	5030C	
MB 885-10897/1-A	Method Blank	Total/NA	Solid	5030C	

Prep Batch: 11169

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 885-11169/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 885-11169/3-A	Lab Control Sample	Total/NA	Solid	5035	

Analysis Batch: 11174

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10471-1	SP14	Total/NA	Solid	8015M/D	10897
885-10471-2	SP15	Total/NA	Solid	8015M/D	10897
MB 885-10897/1-A	Method Blank	Total/NA	Solid	8015M/D	10897
LCS 885-11169/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	11169

Analysis Batch: 11175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10471-1	SP14	Total/NA	Solid	8021B	10897
885-10471-2	SP15	Total/NA	Solid	8021B	10897
MB 885-10897/1-A	Method Blank	Total/NA	Solid	8021B	10897
LCS 885-11169/3-A	Lab Control Sample	Total/NA	Solid	8021B	11169

GC Semi VOA

Prep Batch: 11014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10471-1	SP14	Total/NA	Solid	SHAKE	
885-10471-2	SP15	Total/NA	Solid	SHAKE	
MB 885-11014/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-11014/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 11205

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10471-1	SP14	Total/NA	Solid	8015M/D	11014
885-10471-2	SP15	Total/NA	Solid	8015M/D	11014
MB 885-11014/1-A	Method Blank	Total/NA	Solid	8015M/D	11014

Analysis Batch: 11293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 885-11014/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	11014

HPLC/IC

Analysis Batch: 11043

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-11043/6	Method Blank	Total/NA	Solid	300.0	
MB 885-11048/1-A	Method Blank	Total/NA	Solid	300.0	11048
LCS 885-11048/2-A	Lab Control Sample	Total/NA	Solid	300.0	11048
MRL 885-11043/5	Lab Control Sample	Total/NA	Solid	300.0	

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Campana 2M ST-H001

Job ID: 885-10471-1

HPLC/IC

Prep Batch: 11048

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10471-1	SP14	Total/NA	Solid	300_Prep	
885-10471-2	SP15	Total/NA	Solid	300_Prep	
MB 885-11048/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-11048/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 11156

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10471-1	SP14	Total/NA	Solid	300.0	11048
885-10471-2	SP15	Total/NA	Solid	300.0	11048
MB 885-11156/11	Method Blank	Total/NA	Solid	300.0	
MRL 885-11156/10	Lab Control Sample	Total/NA	Solid	300.0	

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Campana 2M ST-H001

Job ID: 885-10471-1

Client Sample ID: SP14

Lab Sample ID: 885-10471-1

Date Collected: 08/22/24 08:15
Matrix: Solid
Date Received: 08/23/24 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10897	JP	EET ALB	08/23/24 16:05
Total/NA	Analysis	8015M/D		1	11174	AT	EET ALB	08/27/24 18:50
Total/NA	Prep	5030C			10897	JP	EET ALB	08/23/24 16:05
Total/NA	Analysis	8021B		1	11175	AT	EET ALB	08/27/24 18:50
Total/NA	Prep	SHAKE			11014	EM	EET ALB	08/26/24 14:06
Total/NA	Analysis	8015M/D		1	11205	KR	EET ALB	08/29/24 04:46
Total/NA	Prep	300_Prep			11048	JT	EET ALB	08/26/24 17:19
Total/NA	Analysis	300.0		50	11156	RC	EET ALB	08/27/24 08:59

Client Sample ID: SP15

Lab Sample ID: 885-10471-2

Date Collected: 08/22/24 08:16
Matrix: Solid
Date Received: 08/23/24 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10897	JP	EET ALB	08/23/24 16:05
Total/NA	Analysis	8015M/D		1	11174	AT	EET ALB	08/27/24 19:11
Total/NA	Prep	5030C			10897	JP	EET ALB	08/23/24 16:05
Total/NA	Analysis	8021B		1	11175	AT	EET ALB	08/27/24 19:11
Total/NA	Prep	SHAKE			11014	EM	EET ALB	08/26/24 14:06
Total/NA	Analysis	8015M/D		1	11205	KR	EET ALB	08/29/24 05:10
Total/NA	Prep	300_Prep			11048	JT	EET ALB	08/26/24 17:19
Total/NA	Analysis	300.0		100	11156	RC	EET ALB	08/27/24 09:11

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Devon Energy Corporation
Project/Site: Campana 2M ST-H001

Job ID: 885-10471-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-26-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
300.0	300_Prep	Solid	Chloride
8015M/D	5030C	Solid	Gasoline Range Organics (GRO)-C6-C10
8015M/D	SHAKE	Solid	Diesel Range Organics [C10-C28]
8015M/D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]
8021B	5030C	Solid	Benzene
8021B	5030C	Solid	Ethylbenzene
8021B	5030C	Solid	Toluene
8021B	5030C	Solid	Xylenes, Total

Oregon	NELAP	NM100001	02-26-25

Released to Imaging: 2/14/2025 3:42:06 PM
Received by OCD: 2/11/2025 8:43:06 AM

Chain-of-Custody Record

Client: Devon Energy
Jim Raley

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☑ Standard ☐ Rush 5 day

Project Name: ~~Campana~~ SE 32074-BG9

Project #: Campana 2M ST #001

Project Manager: Stephanie Hinds

Sampler: MJP

On Ice: ☑ Yes ☐ No mojo

# of Coolers: 1

Cooler Temp(including CF): 0.6 +0.2=0.8 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107
885-10471 COC

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
8/22	8:15	soil	SP14	4oz	ice	1	✓	✓					✓			
8/22	8:16	soil	SP15	1	1	2	✓	✓					✓			

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
8/23/24	1215		Acummings		8/23/24	1200
8/23/24	1900	Acummings		courier		8:10
					8/23/24	

Remarks:
Direct Bill Devon
cc: M. Peppin

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Login Sample Receipt Checklist

Client: Devon Energy Corporation Job Number: 885-10471-1

Login Number: 10471 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: Casarrubias, Tracy

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	True	

APPENDIX H

Liner Installation Certification and Liner Laboratory Reports

Protecting Earth. Promoting Industry.

PRODUCT CERTIFICATION

Product Name: N30B **SO# C5064636** **Size of product: Varies**

DURASCRIM N30B is a Linear Low-Density Polyethylene geomembrane reinforced with an encapsulated, 9x9 polyester reinforcement. In addition to excellent dimensional stability, the reinforcement provides exceptional tear and tensile strength. Dura-Skrim N-series membranes are formulated with thermal and UV stabilizers to assure long service life. **DURA-SKRIM N30B** meets the minimum roll average values on Viaflex's product data sheet #1337 rev 1/10/17.

Roll #	Thickness (mils)	Grab Tensile (lbs.)	Tongue Tear (lbs.)	Puncture (lbs.)	Ply Adhesion (lbs.)	Peel And Shear
	ASTM D5199	ASTM D7004	ASTM D5884	ASTM D4833	ASTM D6636	ASTM D7747
C5064636-0001	29.46	241	98	86	29	31/68
C5064636-0002	29.46	241	98	86	29	31/68
C5064636-0003	29.44	246	97	85	29	31/73
C5064636-0004	29.44	246	97	85	29	31/73
C5064636-0005	29.43	248	96	85	30	33/82
C5064636-0006	29.43	248	96	85	30	33/82
C5064636-0007	29.43	248	96	85	30	29/75
C5064636-0008	29.42	252	95	85	30	53/72
C5064636-0009	29.46	241	98	86	29	31/68

Note: Any resins used to make this product have met suppliers' certifications.

Customer: Southwest Liner Systems Inc **PO# SW2426A** **Date: September 27, 2024**

Kendrik Gloe
Quality Assurance Technician I
Viaflex Inc. – Sioux Falls, SD

Viaflex Inc.
821 W Algonquin St, Sioux Falls, SD 57104
www.viaflex.com

TRI ENVIRONMENTAL

TESTING, RESEARCH, CONSULTING AND FIELD SERVICES

Austin, TX - USA | CA - USA | SC - USA | Gold Coast - Australia | Suzhou - China | Sao Paulo, Brazil | Johannesburg - Africa

Date: 8-Oct-24

Mail To:

Mark Decarlo
Southwest Liner Systems, Inc
PO Box 1972
Bernalillo, New Mexico 87004

e-mail: Mark@slsliner.com
bigz6990@gmail.com

Bill To:

<=

Dear Mr. Decarlio:

Thank you for consulting TRI/Environmental, Inc. (TRI) for your geosynthetics testing needs. TRI is pleased to submit this final report for laboratory testing.

Project:	**Campana 30 mil**
TRI Job Reference Number:	**81881**
Material(s) Tested:	Eight, Fusion Weld RGM Seam(s)
Test(s) Requested:	SAME DAY Peel and Shear (ASTM D7747 for Seam Peel and Shear)

Codes	
AD	Adhesion failure (100% Peel)
BRK	Break in sheeting away from Seam edge
SE	Break in sheeting at edge of seam
AD-BRK	Break in sheeting after some adhesion failure - partial peel
SIPR	Separation in plane of reinforcement
SIPCI	Separation in plane of coating on inner side of reinforcement
SIPCO	Separation in plane of coating on outer side of reinforcement
SIPR, SIPCI, SIPCO- BRK	Break in coating after some separation in plane
FTB	Film tearing bond (all non "AD" failures)
NON-FTB	100% peel

If you have any questions or require any additional information, please call us at 1-800-880-8378.

Sincerely,

Mansukh Patel
Technical Director
Geosynthetic Services Division
www.GeosyntheticTesting.com

The testing herein is based upon accepted industry practice as well as the test method listed. Test results reported herein do not apply to sam
makes claim as to the final use and purpose of the material. TRI observes and maintains client confidentiality. TRI limits reproductic

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DESTRUCTIVE SEAM QUALITY ASSURANCE TEST RESULTS

TRI Client: Southwest Liner Systems, Inc

Project: Campana 30 mil

Material: Reinforced Geomembrane Fusion Weld Seam

SAME DAY Peel and Shear (ASTM D7747 , Method A For RGM Seam Peel and Shear)

TRI Log #: 81881

	TEST REPLICATE NUMBER					
PARAMETER	1	2	3	4	5	MEAN
Sample ID: SDT-1	**| Weld: Double Track Fusion**					
Peel - 1 inch wide specimen						**Peel A**
Peel Strength (lbs/ in)	71.9	74.3	65.0	94.1	74.2	**75.9**
Peel Incursion (%)	<5	<5	<5	<5	<5	
Peel Locus of Failure Code	SIPR	SIPR	SIPR	SIPR	SIPR	
Shear - 2 inch wide specimens						**Shear**
Shear Strength (lbs/in)	163.1	161.3	147.6			**157.4**
Shear Locus of Failure Code	SE-1	SE-1	SE-1			
Sample ID: SDT-2	**| Weld: Double Track Fusion**					
Peel - 1 inch wide specimen						**Peel A**
Peel Strength (lbs/ in)	43.0	43.4	40.7	44.0	43.3	**42.9**
Peel Incursion (%)	<5	<5	<5	<5	<5	
Peel Locus of Failure Code	SE-1	SE-1	SE-1	SE-1	SE-1	
Shear - 2 inch wide specimens						**Shear**
Shear Strength (lbs/in)	114.7	112.8	106.1			**111.2**
Shear Locus of Failure Code	SE-1	SE-1	SE-1			
Sample ID: SDT-3	**| Weld: Double Track Fusion**					
Peel - 1 inch wide specimen						**Peel A**
Peel Strength (lbs/ in)	41.6	41.4	41.3	41.1	39.7	**41.0**
Peel Incursion (%)	<5	<5	<5	<5	<5	
Peel Locus of Failure Code	SE-1	SE-1	SE-1	SE-1	SE-1	
Shear - 2 inch wide specimens						**Shear**
Shear Strength (lbs/in)	106.9	108.6	110.7			**108.7**
Shear Locus of Failure Code	SE-1	SE-1	SE-1			

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DESTRUCTIVE SEAM QUALITY ASSURANCE TEST RESULTS

TRI Client: Southwest Liner Systems, Inc

Project: Campana 30 mil

Material: Reinforced Geomembrane Fusion Weld Seam

SAME DAY Peel and Shear (ASTM D7747 , Method A For RGM Seam Peel and Shear)

TRI Log #: 81881

	TEST REPLICATE NUMBER					
PARAMETER	1	2	3	4	5	MEAN
Sample ID: SDT-4	**| Weld: Double Track Fusion**					
Peel - 1 inch wide specimen						**Peel A**
Peel Strength (lbs/ in)	39.8	38.7	37.7	38.7	39.6	**38.9**
Peel Incursion (%)	<5	<5	<5	<5	<5	
Peel Locus of Failure Code	SE-1	SE-1	SE-1	SE-1	SE-1	
Shear - 2 inch wide specimens						**Shear**
Shear Strength (lbs/in)	112.8	110.9	103.8			**109.1**
Shear Locus of Failure Code	SE-1	SE-1	SE-1			
Sample ID: SDT-5	**| Weld: Double Track Fusion**					
Peel - 1 inch wide specimen						**Peel A**
Peel Strength (lbs/ in)	34.2	37.5	35.9	37.3	37.9	**36.6**
Peel Incursion (%)	<5	<5	<5	<5	<5	
Peel Locus of Failure Code	SE-1	SE-1	SE-1	SE-1	SE-1	
Shear - 2 inch wide specimens						**Shear**
Shear Strength (lbs/in)	101.2	105.1	101.1			**102.5**
Shear Locus of Failure Code	SE-1	SE-1	SE-1			
Sample ID: SDT-6	**| Weld: Double Track Fusion**					
Peel - 1 inch wide specimen						**Peel A**
Peel Strength (lbs/ in)	33.7	33.4	34.9	33.8	31.9	**33.5**
Peel Incursion (%)	<5	<5	<5	<5	<5	
Peel Locus of Failure Code	SIPR	SIPR	SIPR	SIPR	SIPR	
Shear - 2 inch wide specimens						**Shear**
Shear Strength (lbs/in)	107.6	111.1	106.2			**108.3**
Shear Locus of Failure Code	SE-1	SE-1	SE-1			

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DESTRUCTIVE SEAM QUALITY ASSURANCE TEST RESULTS
TRI Client: Southwest Liner Systems, Inc
Project: Campana 30 mil

Material: Reinforced Geomembrane Fusion Weld Seam
SAME DAY Peel and Shear (ASTM D7747 , Method A For RGM Seam Peel and Shear)
TRI Log #: 81881

	TEST REPLICATE NUMBER					
PARAMETER	1	2	3	4	5	MEAN
Sample ID: SDT-7	**| Weld: Double Track Fusion**					
Peel - 1 inch wide specimen						**Peel A**
Peel Strength (lbs/ in)	30.9	33.4	33.1	34.5	33.5	**33.1**
Peel Incursion (%)	<5	<5	<5	<5	<5	
Peel Locus of Failure Code	SIPR	SIPR	SIPR	SIPR	SIPR	
Shear - 2 inch wide specimens						**Shear**
Shear Strength (lbs/in)	108.8	104.8	101.9			**105.2**
Shear Locus of Failure Code	SE-1	SE-1	SE-1			
Sample ID: SDT-8	**| Weld: Double Track Fusion**					
Peel - 1 inch wide specimen						**Peel A**
Peel Strength (lbs/ in)	33.4	33.6	34.1	33.2	32.7	**33.4**
Peel Incursion (%)	<5	<5	<5	<5	<5	
Peel Locus of Failure Code	SIPR	SIPR	SIPR	SIPR	SIPR	
Shear - 2 inch wide specimens						**Shear**
Shear Strength (lbs/in)	111.7	106.5	102.1			**106.7**
Shear Locus of Failure Code	SE-1	SE-1	SE-1			

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Austin, TX - USA | CA - USA | SC - USA | Gold Coast - Australia | Suzhou - China | Sao Paulo, Brazil | Johannesburg - Africa

Date: 28-Oct-24

Mail To:

Mark Decarlo
Southwest Liner Systems, Inc
PO Box 1972
Bernalillo, New Mexico 87004

e-mail: Mark@slsliner.com gabe@slsliner.com
bigz6990@gmail.com

Bill To:

<=

Dear Mr. Decarlio:

Thank you for consulting TRI/Environmental, Inc. (TRI) for your geosynthetics testing needs. TRI is pleased to submit this final report for laboratory testing.

Project:	**Campana 30 mil**
TRI Job Reference Number:	**82119**
Material(s) Tested:	Eight, Fusion Weld RGM Seam(s)
Test(s) Requested:	SAME DAY Peel and Shear (ASTM D7747 for Seam Peel and Shear)

Codes	
AD	Adhesion failure (100% Peel)
BRK	Break in sheeting away from Seam edge
SE	Break in sheeting at edge of seam
AD-BRK	Break in sheeting after some adhesion failure - partial peel
SIPR	Separation in plane of reinforcement
SIPCI	Separation in plane of coating on inner side of reinforcement
SIPCO	Separation in plane of coating on outer side of reinforcement
SIPR, SIPCI, SIPCO- BRK	Break in coating after some separation in plane
FTB	Film tearing bond (all non "AD" failures)
NON-FTB	100% peel

If you have any questions or require any additional information, please call us at 1-800-880-8378.

Sincerely,

Mansukh Patel
Technical Director
Geosynthetic Services Division
www.GeosyntheticTesting.com

The testing herein is based upon accepted industry practice as well as the test method listed. Test results reported herein do not apply to samp
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DESTRUCTIVE SEAM QUALITY ASSURANCE TEST RESULTS

TRI Client: Southwest Liner Systems, Inc

Project: Campana 30 mil

Material: Reinforced Geomembrane Fusion Weld Seam

SAME DAY Peel and Shear (ASTM D7747 , Method A For RGM Seam Peel and Shear)

TRI Log #: 82119

	TEST REPLICATE NUMBER					
PARAMETER	1	2	3	4	5	MEAN
Sample ID: DT-1	**| Weld: Double Track Fusion**					
Peel - 1 inch wide specimen						**Peel A**
Peel Strength (lbs/ in)	66.0	74.6	58.2	74.4	62.8	**67.2**
Peel Incursion (%)	<5	<5	<5	<5	<5	
Peel Locus of Failure Code	SIPR	SIPR	SIPR	SIPR	SIPR	
Shear - 2 inch wide specimens						**Shear**
Shear Strength (lbs/in)	202.9	227.7	247.2	265.8		**235.9**
Shear Locus of Failure Code	SE-1	SE-1	SE-1	SE-1		
Sample ID: DT-2	**| Weld: Double Track Fusion**					
Peel - 1 inch wide specimen						**Peel A**
Peel Strength (lbs/ in)	41.0	41.9	41.8	41.5	41.1	**41.5**
Peel Incursion (%)	<5	<5	<5	<5	<5	
Peel Locus of Failure Code	SIPR	SIPR	SIPR	SIPR	SIPR	
Shear - 2 inch wide specimens						**Shear**
Shear Strength (lbs/in)	207.6	207.8	206.4	203.4		**206.3**
Shear Locus of Failure Code	SE-1	SE-1	SE-1	SE-1		

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DESTRUCTIVE SEAM QUALITY ASSURANCE TEST RESULTS
TRI Client: Southwest Liner Systems, Inc
Project: Campana 30 mil

Material: Reinforced Geomembrane Fusion Weld Seam
SAME DAY Peel and Shear (ASTM D7747 , Method A For RGM Seam Peel and Shear)
TRI Log #: 82119

	TEST REPLICATE NUMBER					
PARAMETER	1	2	3	4	5	MEAN
Sample ID: DT-3	**| Weld: Double Track Fusion**					
Peel - 1 inch wide specimen						**Peel A**
Peel Strength (lbs/ in)	33.9	33.7	35.0	35.6	35.7	**34.8**
Peel Incursion (%)	<5	<5	<5	<5	<5	
Peel Locus of Failure Code	SIPR	SIPR	SIPR	SIPR	SIPR	
Shear - 2 inch wide specimens						**Shear**
Shear Strength (lbs/in)	207.8	204.9	200.2	204.1		**204.3**
Shear Locus of Failure Code	SE-1	SE-1	SE-1	SE-1		
Sample ID: DT-4	**| Weld: Double Track Fusion**					
Peel - 1 inch wide specimen						**Peel A**
Peel Strength (lbs/ in)	41.8	41.4	43.5	43.5	41.3	**42.3**
Peel Incursion (%)	<5	<5	<5	<5	<5	
Peel Locus of Failure Code	SE-1	SE-1	SE-1	SE-1	SE-1	
	SIPR	SIPR	SIPR	SIPR	SIPR	
Shear - 2 inch wide specimens						**Shear**
Shear Strength (lbs/in)	206.4	212.9	215.7	218.5		**213.4**
Shear Locus of Failure Code	SE-1	SE-1	SE-1	SE-1		

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DESTRUCTIVE SEAM QUALITY ASSURANCE TEST RESULTS
TRI Client: Southwest Liner Systems, Inc
Project: Campana 30 mil

Material: Reinforced Geomembrane Fusion Weld Seam
SAME DAY Peel and Shear (ASTM D7747 , Method A For RGM Seam Peel and Shear)
TRI Log #: 82119

	TEST REPLICATE NUMBER					
PARAMETER	1	2	3	4	5	MEAN
Sample ID: DT-5	**| Weld: Double Track Fusion**					
Peel - 1 inch wide specimen						**Peel A**
Peel Strength (lbs/ in)	29.5	29.2	30.7	35.2	33.1	**31.5**
Peel Incursion (%)	<5	<5	<5	<5	<5	
Peel Locus of Failure Code	SIPR	SIPR	SIPR	SIPR	SIPR	
Shear - 2 inch wide specimens						**Shear**
Shear Strength (lbs/in)	202.1	201.7	203.7	200.6		**202.0**
Shear Locus of Failure Code	SE-1	SE-1	SE-1	SE-1		
Sample ID: DT-6	**| Weld: Double Track Fusion**					
Peel - 1 inch wide specimen						**Peel A**
Peel Strength (lbs/ in)	39.7	37.9	37.8	35.4	38.4	**37.9**
Peel Incursion (%)	<5	<5	<5	<5	<5	
Peel Locus of Failure Code	SIPR	SIPR	SIPR	SIPR	SIPR	
Shear - 2 inch wide specimens						**Shear**
Shear Strength (lbs/in)	198.5	207.8	204.3	194.0		**201.2**
Shear Locus of Failure Code	SE-1	SE-1	SE-1	SE-1		

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DESTRUCTIVE SEAM QUALITY ASSURANCE TEST RESULTS
TRI Client: Southwest Liner Systems, Inc
Project: Campana 30 mil

Material: Reinforced Geomembrane Fusion Weld Seam
SAME DAY Peel and Shear (ASTM D7747 , Method A For RGM Seam Peel and Shear)
TRI Log #: 82119

	TEST REPLICATE NUMBER					
PARAMETER	1	2	3	4	5	MEAN
Sample ID: DT-7	**| Weld: Double Track Fusion**					
Peel - 1 inch wide specimen						**Peel A**
Peel Strength (lbs/ in)	54.5	56.9	56.5	57.0	58.5	**56.7**
Peel Incursion (%)	<5	<5	<5	<5	<5	
Peel Locus of Failure Code	SIPR	SIPR	SIPR	SIPR	SIPR	
Shear - 2 inch wide specimens						**Shear**
Shear Strength (lbs/in)	218.8	211.9	208.5	210.7		**212.5**
Shear Locus of Failure Code	SE-1	SE-1	SE-1	SE-1		

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TRI ENVIRONMENTAL
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Austin, TX - USA | CA - USA | SC - USA | Gold Coast - Australia | Suzhou - China | Sao Paulo, Brazil | Johannesburg - Africa

Date: 13-Nov-24

Mail To:

Mark Decarlo
Southwest Liner Systems, Inc
PO Box 1972
Bernalillo, New Mexico 87004

e-mail: Mark@slsliner.com juan@slsliner.com
bigz6990@gmail.com

Bill To:

<=

Dear Mr. Decarlio:

Thank you for consulting TRI/Environmental, Inc. (TRI) for your geosynthetics testing needs. TRI is pleased to submit this final report for laboratory testing.

Project:	**Las Companas Primary Phase**
TRI Job Reference Number:	**82247**
Material(s) Tested:	One, Fusion Weld RGM Seam
Test(s) Requested:	SAME DAY Peel and Shear (ASTM D7747 for Seam Peel and Shear)

Codes	
AD	Adhesion failure (100% Peel)
BRK	Break in sheeting away from Seam edge
SE	Break in sheeting at edge of seam
AD-BRK	Break in sheeting after some adhesion failure - partial peel
SIPR	Separation in plane of reinforcement
SIPCI	Separation in plane of coating on inner side of reinforcement
SIPCO	Separation in plane of coating on outer side of reinforcement
SIPR, SIPCI, SIPCO- BRK	Break in coating after some separation in plane
FTB	Film tearing bond (all non "AD" failures)
NON-FTB	100% peel

If you have any questions or require any additional information, please call us at 1-800-880-8378.

Sincerely,

Mansukh Patel
Technical Director
Geosynthetic Services Division
www.GeosyntheticTesting.com

The testing herein is based upon accepted industry practice as well as the test method listed. Test results reported herein do not apply to samples other than those tested. TRI neither accepts responsibility for nor makes claim as to the final use and purpose of the material. TRI observes and maintains client confidentiality. TRI limits reproduction of this report, except in full, without prior approval of TRI.

Released to Imaging: 2/14/2025 3:42:06 PM

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DESTRUCTIVE SEAM QUALITY ASSURANCE TEST RESULTS

TRI Client: Southwest Liner Systems, Inc

Project: Las Companas Primary Phase

Material: Reinforced Geomembrane Fusion Weld Seam

SAME DAY Peel and Shear (ASTM D7747 , Method A For RGM Seam Peel and Shear)

TRI Log #: 82247

	TEST REPLICATE NUMBER					
PARAMETER	1	2	3	4	5	MEAN
Sample ID: SDT-1	**| Weld: Double Track Fusion**					
Peel - 1 inch wide specimen						**Peel A**
Peel Strength (lbs/ in)	55.1	47.4	52.5	53.1	53.8	**52.4**
Peel Incursion (%)	<5	<5	<5	<5	<5	
Peel Locus of Failure Code	SIPR	SIPR	SIPR	SIPR	SIPR	
Shear - 2 inch wide specimens						**Shear**
Shear Strength (lbs/in)	66.7	65.4	66.9	59.7		**64.7**
Shear Locus of Failure Code	SE-1	SE-1	SE-1	SE-1		

The testing herein is based upon accepted industry practice as well as the test method listed. Test results reported herein do not apply to samples other than those tested. TRI neither accepts responsibility for nor makes claim as to the final use and purpose of the material. TRI observes and maintains client confidentiality. TRI limits reproduction of this report, except in full, without prior approval of TRI.

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Liner field test results

Southwest Liner Systems, Inc.

P. O. Box 1972

Bernalillo, New Mexico 87004

Phone (505) 771-9122

Fax (505) 771-0138

Panel Placement Form

Project Campana

Material 30 mil

Date	Panel Number	Roll Number	Panel Width	Panel Length	Comments
10/2/2024	P01	6	12.17	250	Secondary
10/2/2024	P02	6	12.17	250	
10/2/2024	P03	6	12.17	250	
10/2/2024	P04	6	12.17	250	
10/2/2024	P05	6	12.17	250	
10/2/2024	P06	4	12.17	250	
10/2/2024	P07	4	12.17	250	
10/2/2024	P08	4	12.17	250	
10/2/2024	P09	4	12.17	250	
10/2/2024	P10	4	12.17	250	
10/2/2024	P11	4	12.17	250	
10/2/2024	P12	4	12.17	250	
10/2/2024	P13	4	12.17	250	
10/2/2024	P14	4	12.17	250	
10/2/2024	P15	4	12.17	250	
10/2/2024	P16	4	12.17	250	
10/2/2024	P17	4	12.17	250	
10/2/2024	P18	4	12.17	250	
10/2/2024	P19	4	12.17	250	
10/2/2024	P20	2	12.17	250	
10/2/2024	P21	2	12.17	250	
10/2/2024	P22	2	12.17	250	
10/2/2024	P23	2	12.17	250	
10/2/2024	P24	2	12.17	250	
10/2/2024	P25	2	12.17	162	
10/2/2024	P26	2	12.17	60	

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Panel Placement Form

Project Campana
Material 30 mil

Date	Panel Number	Roll Number	Panel Width	Panel Length	Comments
10/24/2024	P01	1	12.17	250	Primary
10/24/2024	P02	1	12.17	250	
10/24/2024	P03	1	12.17	250	
10/24/2024	P04	1	12.17	250	
10/24/2024	P05	1	12.17	250	
10/24/2024	P06	3	12.17	250	
10/24/2024	P07	3	12.17	250	
10/24/2024	P08	3	12.17	250	
10/24/2024	P09	3	12.17	250	
10/24/2024	P10	3	12.17	250	
10/24/2024	P11	3	12.17	250	
10/24/2024	P12	3	12.17	250	
10/24/2024	P13	3	12.17	250	
10/24/2024	P14	3	12.17	250	
10/24/2024	P15	3	12.17	250	
10/24/2024	P16	3	12.17	250	
10/24/2024	P17	3	12.17	250	
10/24/2024	P18	3	12.17	250	
10/24/2024	P19	3	12.17	250	
10/24/2024	P20	5	12.17	250	
10/24/2024	P21	5	12.17	250	
10/24/2024	P22	5	12.17	250	
10/24/2024	P23	5	12.17	250	
10/24/2024	P24	5	12.17	250	
10/24/2024	P25	5	12.17	162	

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Panel Placement Form

Project Campana
Material 30 mil

Date	Panel Number	Roll Number	Panel Width	Panel Length	Comments
10/24/2024	P26	5	12.17	60	

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Welding Test Record

Project Name Campana **Material** 30 mil

					Wedge Welds		Extrusion Welds		Test						
Date	Time	Q.C. Initials	Welder Initials	Machine Number	Temp Setting	Speed Setting	Barrel Temp	Pre-Heat Temp	Type (P/S)	Test #1	Test #2	Test #3	Test #4	Test #5	TR
10/2/2024	11:02 AM	TD	GB	1	650	6			P	52	49	56			I
									P						O
									S	196	201	197			
10/2/2024	3:01 PM	TD	JH	4			0	420	P	49	56	72			I
															O
									S	189	191	199			
10/3/2024	8:30 AM	TD	JH	4			0	420	P	75	71	79			I
															O
									S	171	180	181			
									P						I
									P						O
									S						
10/24/2024	8:00 AM	CZ	GZ	1	650	6.5			P	37	35	60			I
									P	35	50	38			O
									S	62	49	53			
10/24/2024	1:00 PM	CZ	TD	0			465		P	32	31	33			I
															O
									S	58	60	59			
									P						I
									P						O
									S						
									P						I
									P						O
									S						

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Wedge Welding Record

Project Campana

Material 30 mil

Date	Time	Seam Number	Seamer Initials	Machine Number	Temp Setting	Speed Setting	Comments
10/2/2024	11:37 AM	P5/P6	GB	1	650	6.0	
10/2/2024	2:19 PM	P19/P20	GB	1	650	6.0	
10/2/2024	2:52 PM	P25/P26	GB	1	650	6.0	
10/24/2024	8:05 AM	P5/P6	GZ	1	650	6.5	
10/24/2024	9:15 AM	P19/P20	GZ	1	650	6.5	
10/24/2024		P25/P26	GZ	1	650	6.5	

Southwest Liner Systems, Inc.
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Air Testing Log

Project Campana

Material 30 mil

Minimum Starting Pressure (PSIG) 30 **Test Time (minutes)** 5

Maximum Pressure Drop (PSIG) 4

Date	Seam Number	Starting Time	Starting Pressure	Ending Time	Ending Pressure	Pass/ Fail	Tester
10/2/2024	P5/P6	2:56 PM	air	lance	-	P	JH
10/2/2024	P19/P20	3:05 PM	air	lance	-	P	JH
10/2/2024	P25/P26	3:08 PM	air	lance	-	P	JH
10/24/2024	P5/P6	-	-	-	-	P	IB
10/24/2024	P19/P20	-	-	-	-	P	IB
10/24/2024	P25/P26	-	-	-	-	P	IB

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Destructive Test Record

Project Name Campana **Material** 30 mil

				Welder Data		Weld Location		Test					
Date	DT Number	Welder Initials	Machine Number	Temp Setting	Speed Setting	Seam Number	Repair Location	Type (P/S)	Test #1	Test #2	Test #3	Test #4	Test #5
10/2/2024	DT1	GB	1	650	6.0	P5/P6	100' N	P	50	55	52	56	51
							of S	P	47	40	34	51	30
							AT	S	93	88	90	87	98
10/2/2024	DT2	factory	-	650	6.0	P7/P8	66' S	P	56	41	47	50	52
							of N	P	51	42	37	37	30
							AT	S	93	85	88	83	84
10/2/2024	DT3	factory	-	650	6.0	P8/P9	91' S	P	41	50	51	55	34
							of N	P	42	37	40	42	35
							AT	S	77	74	70	73	75
10/2/2024	DT4	factory	-	650	6.0	P10/P11	74' S	P	47	53	50	55	56
							of N	P	37	42	37	42	51
							AT	S	73	68	70	71	69
10/2/2024	DT5	factory	-	650	6.0	P12/P13	96' S	P	50	52	50	47	42
							of N	P	37	35	42	36	30
							AT	S	106	52	100	98	105
10/2/2024	DT6	factory	-	650	6.0	P13/P14	65' N	P	52	42	46	45	43
							of S	P	30	37	30	33	30
							AT	S	202	146	200	150	140
10/2/2024	DT7	factory	-	650	6.0	P16/P17	104' N	P	36	41	44	51	46
							of S	P	30	30	35	33	40
							AT	S	88	90	87	85	91

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Destructive Test Record

Project Name Campana **Material** 30 mil

				Welder Data		Weld Location		Test					
Date	DT Number	Welder Initials	Machine Number	Temp Setting	Speed Setting	Seam Number	Repair Location	Type (P/S)	Test #1	Test #2	Test #3	Test #4	Test #5
10/2/2024	DT8	factory	-	650	6.0	P18/P19	69' N of S AT	P	52	50	44	51	50
								P	45	42	30	37	43
								S	96	90	95	93	91
								P					
								P					
								S					

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Destructive Test Record

Project Name Campana **Material** 30 mil

				Welder Data		Weld Location		Test					
Date	DT Number	Welder Initials	Machine Number	Temp Setting	Speed Setting	Seam Number	Repair Location	Type (P/S)	Test #1	Test #2	Test #3	Test #4	Test #5
10/24/2024	P1	CZ	1	650	6.5	3	13' N	P	40	30	58	64	74
							of S	P	59	34	50	50	59
							AT	S	39	55	35	49	40
10/24/2024	P2	factory	-	-	-	6	20' N	P	34	32	41	35	40
							of S	P	38	33	40	35	38
							AT	S	53	40	38	47	60
10/24/2024	P3	factory	-	-	-	9	38' N	P	32	30	37	38	33
							of S	P	33	32	44	32	35
							AT	S	75	57	49	53	51
10/24/2024	P4	factory	-	-	-	12	50' N	P	37	36	33	37	38
							of S	P	39	32	32	35	37
							AT	S	43	51	61	45	35
10/24/2024	P5	factory	-	-	-	15	62' N	P	37	39	32	33	31
							of S	P	34	32	35	37	34
							AT	S	54	64	50	50	70
10/24/2024	P6	factory	-	-	-	18	81' N	P	33	31	36	34	37
							of S	P	36	35	34	35	34
							AT	S	42	44	38	47	33
10/24/2024	P7	factory	-	-	-	21	97' N	P	45	37	33	36	41
							of S	P	44	41	35	35	37
							AT	S	35	51	43	46	48

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Destructive Test Record

Project Name Campana **Material** 30 mil

				Welder Data		Weld Location		Test					
Date	DT Number	Welder Initials	Machine Number	Temp Setting	Speed Setting	Seam Number	Repair Location	Type (P/S)	Test #1	Test #2	Test #3	Test #4	Test #5
10/24/2024	P8	factory	-	-	-	20	100' N	P	32	37	34	37	37
							of S	P	34	31	41	39	34
							AT	S	36	35	44	53	35

Southwest Liner Systems, Inc.
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Vacuum Test Record

Project Name Campana **Material** 30 mil

Seam Number	Seam Location	Date Repaired	Repaired By	Type of Repair	Number of Leaks	Retest	Date Accepted	Tester
P5/P6	108' N of S AT	10/2/2024	TD	DT	0	0	10/3/2024	JH
P7/P8	66' S of N AT	10/2/2024	TD	DT	1	1	10/3/2024	JH
P8/P9	91' S of N AT	10/2/2024	TD	DT	0	0	10/3/2024	JH
P10/P11	74' S of N AT	10/2/2024	TD	DT	0	0	10/3/2024	JH
P12/P13	96' S of N AT	10/2/2024	TD	DT	2	1	10/3/2024	JH
P13/P14	65' N of S AT	10/2/2024	TD	DT	0	0	10/3/2024	JH
P16/P17	104' N of S AT	10/2/2024	TD	DT	2	1	10/3/2024	JH
P18/P19	69' N of S AT	10/2/2024	TD	DT	1	1	10/3/2024	JH
P3	13' N of S AT	10/24/2024	TD	DT1	0	N	10/24/2024	SL
P6	20' N of S AT	10/24/2024	TD	DT2	0	N	10/24/2024	SL
P9	38' N of S AT	10/24/2024	TD	DT3	0	N	10/24/2024	SL
P12	50' N of S AT	10/24/2024	TD	DT4	0	N	10/24/2024	SL
P15	62' N of S AT	10/24/2024	TD	DT5	0	N	10/24/2024	SL
P18	81' N of S AT	10/24/2024	TD	DT6	0	N	10/24/2024	SL
P21	92' N of S AT	10/24/2024	TD	DT7	0	N	10/24/2024	SL
P20	100' N of S AT	10/24/2024	TD	DT8	0	N	10/24/2024	SL

Southwest Liner Systems, Inc.
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Phone (505) 771-9122
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Panel Placement Form

Project Campana repair

Material 30mil

Date	Panel Number	Roll Number	Panel Width	Panel Length	Comments
11/11/2024	RP1	RP1	23	19	

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Southwest Liner Systems, Inc.
P. O. Box 1972
Bernalillo, New Mexico 87004
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Welding Test Record

Project Name Campana repair **Material** 30mil

					Wedge Welds		Extrusion Welds		Test						
Date	Time	Q.C. Initials	Welder Initials	Machine Number	Temp Setting	Speed Setting	Barrel Temp	Pre-Heat Temp	Type (P/S)	Test #1	Test #2	Test #3	Test #4	Test #5	TR
11/11/2024	10:50 AM	CZ	IB	4			440	0	P	40	36	42			I
															O
									S	63	64	60			

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Destructive Test Record

Project Name _____ **Material** **30mil**

				Welder Data		Weld Location		Test					
Date	**DT Number**	**Welder Initials**	**Machine Number**	**Temp Setting**	**Speed Setting**	**Seam Number**	**Repair Location**	**Type (P/S)**	**Test #1**	**Test #2**	**Test #3**	**Test #4**	**Test #5**
11/11/2024	DTP9	IB	4			B1	NE corner	P	36	33	34	36	36
								S	52	57	61	60	52

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Fax (505) 77

Vacuum Test Record

Project Name _____ **Material** **30mil**

Seam Number	Seam Location	Date Repaired	Repaired By	Type of Repair	Number of Leaks	Retest	Date Accepted
RP1	B1 corner	11/11/2024	IB	P	0	N	11/11/2024

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

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 430549
	Action Type: [C-144] Temporary Pit Plan (C-144T)

CONDITIONS

Created By	Condition	Condition Date
joel.stone	The operator shall notify NMOCD when revegetation and reclamation are considered complete.	2/14/2025