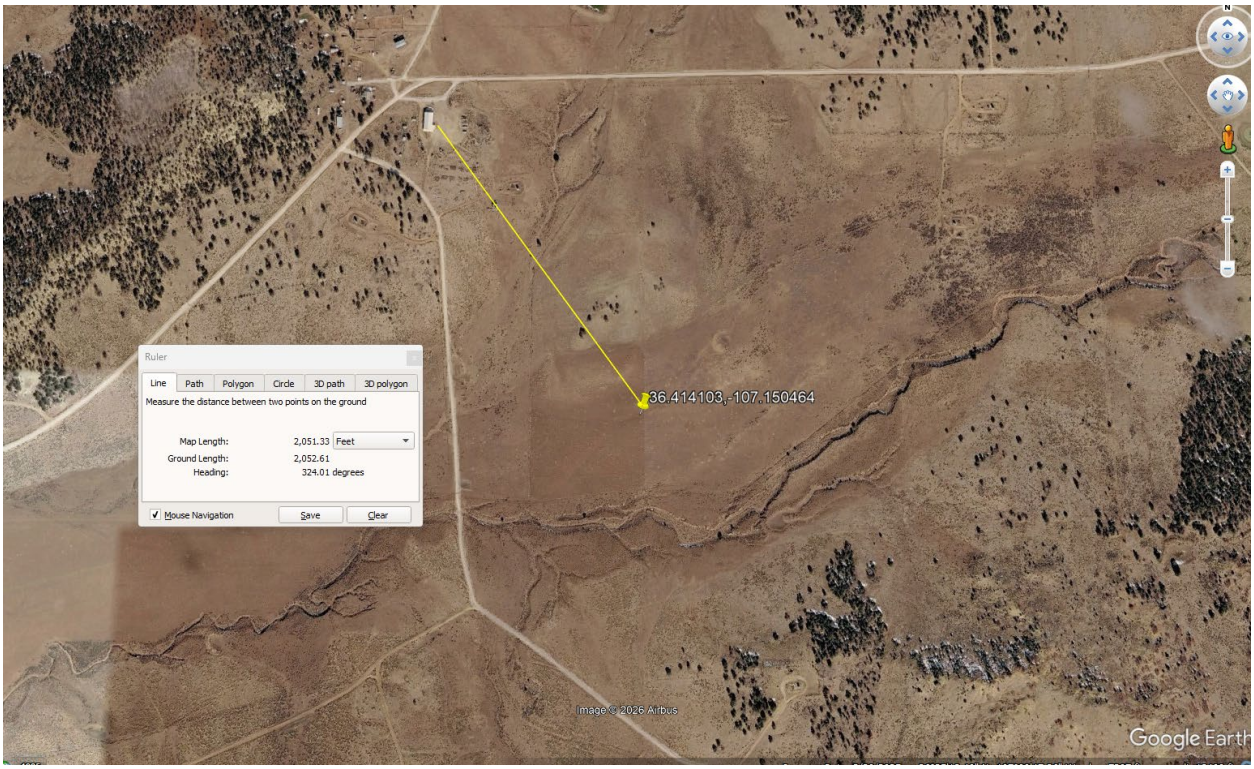
Line identified from elective flyover. Area observed to be saturated with a layer of produced water containing oil. Size of area was determined to be 40’x45’x1’. Amount released is undetermined. Investigation pending.



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

No report data available.

PLSS Search:
Range: 03W
Township: 25N
Section: 9

*** UTM location was derived from PLSS - see Help**

FINAL REMEDIATION REPORT

and Closure Request

McCroden Line — 4-Inch Flowline Release

Township 25N, Range 3W, Section 9

Rio Arriba County, New Mexico

Latitude 36.414103° N, Longitude -107.150464° W (NAD 83)

LOGOS OPERATING LLC

2010 Afton Place, Farmington, NM 87401

Phone: (505) 787-2027

Submitted to:

New Mexico Energy, Minerals and Natural Resources Department

Oil Conservation Division

Pursuant to 19.15.29 NMAC — Releases

OCD Incident Number: NAPP2603834243

Project Number: 12035-0114

Report Date: May 2026

TABLE OF CONTENTS

Executive Summary

This Final Remediation Report documents the discovery, characterization, response, remediation, and closure of a release from a 4-inch produced-water flowline operated by Logos Operating LLC (Logos) in Rio Arriba County, New Mexico. The release was identified during an elective aerial flyover of the McCroden Line right-of-way in early April 2026. Upon ground confirmation of the impact, Logos shut in and isolated the line, contained the released fluid within the existing footprint, secured the site, notified the surface fee owner, and initiated site characterization and corrective action in accordance with the New Mexico Oil Conservation Division (OCD) release rules at Title 19, Chapter 15, Part 29 of the New Mexico Administrative Code (19.15.29 NMAC).

Initial site characterization consisted of six soil borings (SB1 through SB6) collected on April 10, 2026, sampled at the depth interval of greatest visual impact and submitted to Envirotech Inc. of Farmington, New Mexico for analysis of volatile organics (BTEX), gasoline range organics (GRO), diesel range organics (DRO), oil range organics (ORO), and chloride. Five of the six samples returned non-detect results for all petroleum hydrocarbon analytes. A single sample, SB4, returned a Diesel Range Organics result of 104 milligrams per kilogram (mg/kg), marginally above the most stringent OCD soil closure standard of 100 mg/kg total petroleum hydrocarbons (TPH). Chloride concentrations ranged from 75.4 to 286 mg/kg across the impacted area, with one location (SB1 at 286 mg/kg) marginally above the most stringent 100 mg/kg threshold.

Soil at the SB4 location was excavated another 1’ bgs and managed under Logos's standard waste-management procedures. Following excavation, a confirmation sample (SB#4/2-1) was collected on April 24, 2026 and submitted to Envirotech for the same analytical suite. The confirmation sample returned non-detect results for benzene, toluene, ethylbenzene, xylenes, gasoline range organics, diesel range organics, and oil range organics, and a chloride concentration of 41.5 mg/kg — well below the most stringent applicable threshold.

Based on the confirmation analytical data, the site demonstrates compliance with the most stringent OCD soil closure standard of 100 mg/kg combined GRO/ DRO/ORO. The impacted area did not reach, and did not have the potential to reach, a watercourse, wetland, or other surface water feature. The site is not within the 100-year floodplain, and groundwater was not impacted. Logos respectfully requests that OCD consider the corrective action complete and grant final closure for this release.

1.0 Introduction

1.1 Purpose and Scope of Report

This report documents the corrective action performed by Logos Operating LLC at the McCroden Line release site and serves as the operator's final regulatory submittal under 19.15.29 NMAC. The report describes the release event, the operator's initial response, the environmental setting, soil sampling and analysis, remediation activities, and confirmation sampling demonstrating compliance with the most stringent applicable OCD closure standards. The report concludes with a formal request for closure of the release.

1.2 Site Identification

The release occurred on the McCroden Line, a 4-inch carbon-steel flowline used to transport produced water with associated oil from upstream wellhead facilities operated by Logos. The release point is located in Township 25 North, Range 3 West, Section 9, in unincorporated Rio Arriba County, New Mexico, at approximate coordinates Latitude 36.414103° North, Longitude -107.150464° West (NAD 83). The site is on private surface fee land. Surface ownership has been notified of the release and the resulting corrective action, including the BLM as the mineral holder. This release is tracked by the New Mexico Oil Conservation Division under OCD Incident Number NAPP2603834243.

1.3 Regulatory Authority

Releases of produced water and other oil-and-gas-related fluids in New Mexico are regulated by the OCD under 19.15.29 NMAC — Releases. The principal sections governing this submittal are 19.15.29.7 NMAC (definitions), 19.15.29.8 NMAC (notification and Form C-141), 19.15.29.9 NMAC (spill cleanup and source control), 19.15.29.10 NMAC (site characterization and corrective action), and 19.15.29.11 NMAC (soil and groundwater closure standards). The corrective action documented in this report has been performed in accordance with these provisions, and the analytical demonstration of closure relies upon the most stringent soil closure values established in the rule, regardless of the site's specific land-use, watercourse, and groundwater attributes.

2.0 Site Description and Environmental Setting

2.1 Location and Land Use

The McCroden Line release site is located on a broad upland mesa in Rio Arriba County, approximately within Section 9 of Township 25 North, Range 3 West. Land use in the immediate vicinity is rural rangeland, characterized by native grasses, scattered juniper, and sparse pinyon. The flowline traverses an existing oil-and-gas right-of-way that has supported production operations for several decades. There are no occupied buildings or sensitive land uses within the regulatory radius of concern around the release point.

2.2 Topography and Drainage

The site sits on a relatively flat-to-gently-sloping mesa surface, with surface runoff trending to the southwest toward an unnamed ephemeral drainage that ultimately reports to the broader Cañones / Chama drainage system several miles downgradient. Local relief immediately around the release point is minimal, and the impacted area was not located on a slope that would have promoted lateral migration of free liquid.

2.3 Surface Water and Watercourses

The nearest mapped watercourse to the release point lies approximately 2,052 feet (approximately 625 meters) to the northwest, on a heading of 324 degrees. Distance was confirmed using Google Earth measurement tools and is documented in the Distance to Watercourse exhibit included in Appendix C. Given the limited areal extent of the release, the rapid containment achieved during initial response, the topographic separation from the nearest watercourse, and the absence of a continuous downgradient pathway, the impacted area did not reach a watercourse and did not have the potential to do so.

2.4 Wetlands

National Wetlands Inventory (NWI) mapping for the immediate vicinity, included in Appendix D, shows no wetland features on or adjacent to the release point. The nearest mapped wetland is an off-site Riverine, Lower Perennial, Streambed, Seasonally Flooded (R4SBC) reach situated south of the release point. The R4SBC reach is not hydrologically connected to the impacted area, and no wetland resources were impacted by the release.

2.5 Floodplain Status

The Federal Emergency Management Agency (FEMA) National Flood Hazard Layer was reviewed for the release point. The site falls within FEMA Flood Insurance Rate Map (FIRM) Panel 35039C1675D, effective March 15, 2012, and is mapped as Zone X — Area of Minimal Flood Hazard. The release point is not within the 100-year (1% annual chance) floodplain or any associated regulatory floodway. The FIRMette is included as Appendix E.

2.6 Soils and Groundwater

Surface soils at the site are typical of upland mesa positions in this region: thin, well-drained loams over weathered sandstone and shale parent material. Soil sampling to the base of impact during the initial characterization showed visible saturation limited to approximately one foot below ground surface, with no observation of free-product mobilization, perched water, or vertical migration toward groundwater. Regional hydrogeologic data indicate that groundwater is well below the depth of impact at this location, and there are no water wells within the applicable regulatory radius around the release point.

3.0 Release Event

3.1 Discovery

The release was identified during an elective aerial flyover of the McCroden Line right-of-way conducted by Logos field personnel as part of the operator's voluntary integrity-management practices. From the air, an area approximately 40 feet by 45 feet appeared to be saturated with a layer of produced water containing oil. Upon initial observation, ground crews were dispatched, and the location was verified at coordinates Latitude 36.414103° North, Longitude -107.150464° West.

3.2 Cause and Source

Investigation of the line determined that the source of the release was a failure on the 4-inch flowline at this location. Pipe condition observations and operating history are consistent with corrosion-driven failure typical of legacy carbon-steel flowlines in produced-water service. The line segment containing the failure has been removed from service pending repair or replacement and is presently in out-of-service status with the riser tagged out (OOSLAT).

3.3 Released Material

The released material was produced water with a thin associated oil layer or sheen, consistent with the wellhead production composition transported through this line segment. Visual inspection at the time of discovery indicated a saturated surficial zone with no significant pooling of free product and no observable evidence of off-site migration.

3.4 Volume and Extent

Total volume released over the period during which the failure persisted is not reliably quantifiable due to the indeterminate duration of the leak and the absence of metering data immediately upstream of the failure point. The volume calculation included as Appendix B documents the saturated zone observed at discovery, with overall dimensions of approximately 40 feet by 45 feet by 1 foot, equating to approximately 1,800 cubic feet (approximately 67 cubic yards) of impacted soil. Lateral and vertical extent was subsequently refined through soil sampling, which confirmed that contamination was largely confined within the surface footprint with limited vertical penetration.

4.0 Initial Response Actions

4.1 Source Control

Upon ground confirmation of the release, the 4-inch flowline was shut in immediately by isolating the upstream and downstream block valves. The line was depressurized, evacuated to the extent reasonably practicable, and tagged out at the risers in accordance with the operator's standard procedures and the source-control requirements of 19.15.29.9 NMAC.

4.2 Containment

Concurrent with source control, free liquid within the impacted zone was contained by deploying earthen berms and sorbent material around the perimeter of the saturated area. The relatively flat terrain at the release location worked in favor of containment, and no free liquid migrated beyond the constructed perimeter. Site access was restricted, and temporary signage was installed to prevent unauthorized entry during the response and characterization phases. All liquids and hydrocarbons were transferred to Envirotech Landfarm.

4.3 Notifications

Notifications were made to the surface fee owner at the time of response. The New Mexico Oil Conservation Division (OCD) was notified by submittal of Form C-141 within the 24-hour timeframe required by 19.15.29.8 NMAC and the BLM was notified via email. The release was assigned OCD Incident Number NAPP2603834243 and has been tracked under that number throughout the corrective action. The release occurred on private surface fee land and did not implicate federal or tribal surface; however, the BLM was notified as they are the mineral owner.

4.4 Sampling Notifications

In accordance with the operator's standard practice and the notification provisions of 19.15.29 NMAC, OCD was notified in advance of the planned site characterization sampling event of April 10, 2026 (initial characterization round, soil borings SB1 through SB6) and the post-excavation confirmation sampling event of April 24, 2026 (closure round, samples SB#4/2-1 through SB#4/2-5). Notifications referenced OCD Incident Number NAPP2603834243 and provided the scheduled dates of sampling so that OCD personnel had the opportunity to be present, observe, or split samples as deemed appropriate. Neither NMOCD nor BLM was present for the confirmation sampling.

5.0 Site Characterization

5.1 Sampling Approach

Six soil borings, designated SB1 through SB6, were placed around the perimeter and within the impacted footprint to define the lateral extent of contamination. Sample locations were selected to bracket the visually saturated zone, with at least one boring placed at each compass-direction edge of the impact and one or more borings placed centrally. Samples were collected from the depth interval of greatest visual impact, generally between zero and one foot below ground surface, using a hand auger and decontaminated stainless-steel sampling tools. Each sample was placed in a laboratory-supplied 4-ounce glass jar and submitted under chain of custody to Envirotech Inc. of Farmington, New Mexico (Lab Work Order E604111).

5.2 Analytical Methods

Each soil sample was analyzed for the following parameters using the indicated United States Environmental Protection Agency (EPA) test methods:

Volatile organics, including benzene, toluene, ethylbenzene, ortho-xylene, and meta- and para-xylene, were analyzed by EPA Method 8021B. Gasoline range organics (C6 through C10) and diesel and oil range organics (C10 through C28 and C28 through C36, respectively) were analyzed by EPA Method 8015D. Chloride was analyzed by EPA Methods 300.0 and 9056A. The analytical laboratory holds New Mexico TNI certification NM00979 and Texas TNI certification T104704557 and operates in accordance with the latest National Environmental Laboratory Accreditation Conference (NELAC) and TNI standards.

5.3 Sampling Location Diagram

The locations of the six soil borings collected during the initial characterization round of April 10, 2026, are shown on the scaled site diagram below. The diagram (Figure 5-1) presents the impacted-area footprint, the alignment of the McCroden 4-inch flowline through the area, the locations of the four wall samples and two base/bottom composite samples, the most stringent OCD soil closure standards applied to the corrective action, and the analytical results from the initial characterization round. The diagram is oriented to true north and presents the data at a horizontal scale appropriate for inclusion in this report.

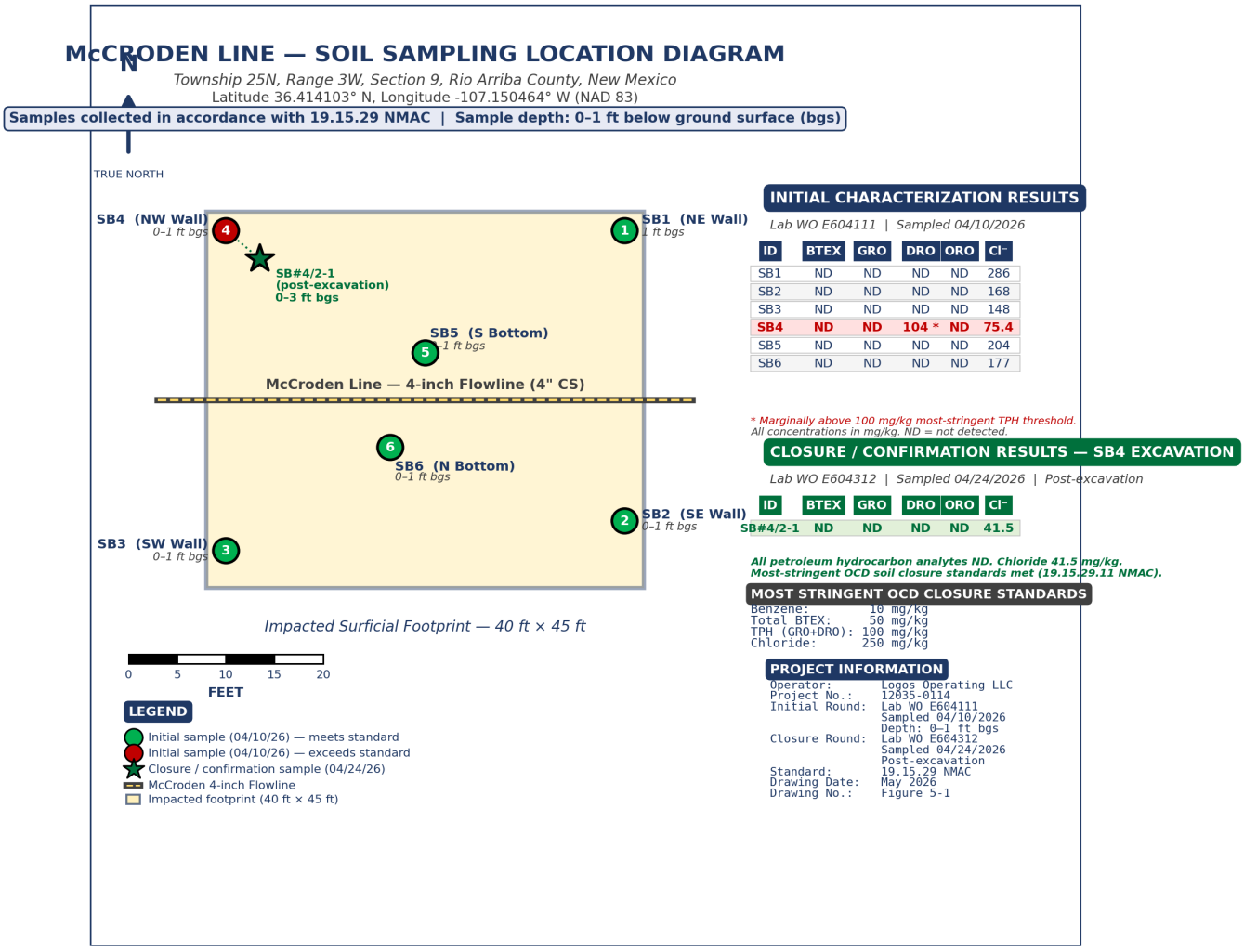


Figure 5-1. McCroden Line — Soil Sampling Location Diagram (initial characterization, 04/10/2026).

5.4 Initial Sampling Results

Analytical results from the initial characterization round are summarized in Table 5-1 below. With the exception of sample SB4, all samples returned non-detect results for benzene, ethylbenzene, toluene, xylenes, gasoline range organics, diesel range organics, and oil range organics. Sample SB4 returned a Diesel Range Organics concentration of 104 mg/kg, marginally above the most stringent OCD soil closure standard of 100 mg/kg combined GRO + DRO+ORO (TPH). Chloride concentrations ranged from 75.4 mg/kg at the SB4 location to 286 mg/kg at SB1, with most samples falling between 148 and 204 mg/kg.

Table 5-1. Initial Soil Characterization Results (Lab Work Order E604111, sampled April 10, 2026)

Sample ID	Benzene (mg/kg)	Total BTEX (mg/kg)	GRO C6–C10	DRO C10–C28	ORO C28–C36	Chloride (mg/kg)
SB1	ND	ND	ND	ND	ND	286

Sample ID	Benzene (mg/kg)	Total BTEX (mg/kg)	GRO C6–C10	DRO C10–C28	ORO C28–C36	Chloride (mg/kg)
SB2	ND	ND	ND	ND	ND	168
SB3	ND	ND	ND	ND	ND	148
SB4	ND	ND	ND	**104**	ND	75.4
SB5	ND	ND	ND	ND	ND	204
SB6	ND	ND	ND	ND	ND	177
Most Stringent Standard	**10**	**50**	**100 (TPH)**	**100 (TPH)**	**100 (TPH)**	**250**

Notes: All concentrations in milligrams per kilogram (mg/kg). ND = not detected at the laboratory reporting limit. GRO + DRO + ORO are summed when comparing to the 100 mg/kg combined TPH closure value. Sample SB4 returned 104 mg/kg DRO, marginally above the most stringent TPH threshold; all other locations met the standard.

5.5 Quality Assurance and Quality Control

Method blanks for each analytical batch were free of target analytes at concentrations greater than reporting limits. Surrogate recoveries — including 4-Bromochlorobenzene-PID for the volatile organics method, 1-Chloro-4-fluorobenzene-FID for the gasoline range organics method, and n-Nonane for the diesel and oil range organics method — were within method-acceptance windows for every sample reported. Laboratory Control Sample, Matrix Spike, and Matrix Spike Duplicate recoveries met method criteria for accuracy and precision. Complete QA/QC documentation is provided in the laboratory report (Appendix F).

5.6 Photographic Documentation of Sampling Event

Field photographs were taken at each soil-boring location during the sampling event of April 10, 2026. The photographs document the surface conditions at each boring, the hand-augered borehole and exposed soil column at the depth of sample collection, and the absence of free product or visible hydrocarbon staining at most locations. The photographic log is presented in full as Appendix I.

6.0 Remediation Activities

6.1 Excavation

Based on the initial characterization results, soil at the SB4 location was identified as the only sample point with petroleum hydrocarbon concentrations above the most stringent OCD soil closure standard of 100 mg/kg TPH. Targeted excavation was performed at the SB4 location to remove the impacted soil. Approximately 5 additional cubic yards were removed via backhoe under field oversight, and the lateral and vertical limits of the excavation were extended until field-screening indicators (visual saturation, hydrocarbon staining, and field organic-vapor screening as applicable) showed no further impact.

6.2 Waste Management

Excavated soil was transported to Envirotech Landfarm for disposal at a properly permitted facility. Waste-disposal records are retained in the operator's project files and available upon OCD request.

6.3 Backfill and Site Restoration

Following confirmation that the excavation extents were sufficient (Section 7.0), the excavation was backfilled with clean native borrow material, lightly compacted, and graded to match surrounding contours. The surface was prepared for revegetation in accordance with applicable surface-owner agreements and standard reclamation practices for upland mesa rangelands. Final reclamation will be monitored under the operator's reclamation program through achievement of vegetative cover comparable to the surrounding undisturbed area.

6.4 Reclamation and Revegetation

Logos Operating LLC is coordinating directly with the surface fee owner on the reclamation and revegetation of the disturbed area. The objective is to restore vegetative cover and species composition that is compatible with the surrounding undisturbed rangeland, supports the surface owner's continued land use, and re-establishes ecological function appropriate to the upland-mesa setting in Rio Arriba County, New Mexico.

As part of this collaboration, the surface owner has provided input on a site-specific seed mix tailored to local soil, climate, and grazing conditions. The seed mix prioritizes native, drought-tolerant grasses and forbs adapted to the elevation, precipitation regime, and soil chemistry of the area, and is designed to integrate with the existing native plant community without introducing invasive or non-desired species. Final composition, application rate, and seeding methodology are being finalized with the surface owner and will be documented in the operator's reclamation file prior to seeding.

7.0 Confirmation Sampling

7.1 Sampling Approach

Following completion of the targeted excavation at the SB4 location (1’ bgs), confirmation soil samples were collected from the excavation footprint to verify that the soil left in place met the most stringent OCD closure standards. Samples were collected from the floor and sidewalls of the excavation and placed in laboratory-supplied 4-ounce glass jars, submitted under chain of custody to Envirotech Inc. (Lab Work Order E604312). The same analytical suite used in the initial characterization was applied to the confirmation samples to allow direct comparison to the closure standards.

7.2 Confirmation Sampling Results

The primary confirmation sample analyzed and reported under Lab Work Order E604312, designated SB#4/2-1, returned non-detect results for benzene, ethylbenzene, toluene, ortho-xylene, meta- and para-xylene, total xylenes, gasoline range organics, diesel range organics, and oil range organics. Chloride concentration was reported at 41.5 mg/kg. Analytical results are summarized in Table 7-1 below.

Table 7-1. Confirmation Sampling Results (Lab Work Order E604312, sampled April 24, 2026)

Sample ID	Benzene (mg/kg)	Total BTEX (mg/kg)	GRO C6–C10	DRO C10–C28	ORO C28–C36	Chloride (mg/kg)
SB#4/2-1	**ND**	**ND**	**ND**	**ND**	**ND**	**41.5**
Most Stringent Standard	**10**	**50**	**100 (TPH)**	**100 (TPH)**	**100 (TPH)**	**250**

Notes: All concentrations in milligrams per kilogram (mg/kg). ND = not detected at the laboratory reporting limit. The confirmation sample met the most stringent applicable OCD closure standard for every analyte.

Quality assurance and quality control measures applied to the confirmation analytical batch were equivalent to those described in Section 5.4. Surrogate recoveries, method blank results, and Laboratory Control Sample / Matrix Spike / Matrix Spike Duplicate recoveries were all within method criteria. Complete QA/QC documentation is provided in the laboratory report (Appendix G).

8.0 Closure Standards Evaluation

8.1 Applicable Closure Standards

OCD soil closure standards under 19.15.29.11 NMAC are tiered to reflect the relative sensitivity of the receiving environment, with the most stringent standards applied where surface water, wetlands, shallow groundwater, agricultural land, or other sensitive resources are present at or near the impacted area. The most stringent applicable values, expressed as soil concentrations, are 10 mg/kg for benzene, 50 mg/kg for total BTEX, 100 mg/kg for combined gasoline range organics plus diesel range organics (i.e., total petroleum hydrocarbons or TPH), and 250 mg/kg for chloride.

8.2 Application of the Most Stringent Standard

Based on the location of the release, Logos Operating LLC closed this release to the most stringent OCD soil closure standards under 19.15.29.11 NMAC. The location was evaluated for receptor proximity, wetlands, surface water, floodplain status, and groundwater depth, and the most stringent applicable values were adopted as the closure target throughout the corrective action.

Although the McCroden Line release site exhibits multiple characteristics that would qualify it for less stringent closure thresholds — including absence of wetlands or surface water on or adjacent to the impacted area, location in FEMA Zone X, considerable horizontal distance to the nearest watercourse, and depth to groundwater significantly greater than the depth of impact — Logos elected to demonstrate compliance with the most stringent standards as a conservative and protective measure. The 100 mg/kg combined TPH value, the 10 mg/kg benzene value, the 50 mg/kg total BTEX value, and the 250 mg/kg chloride value are applied to the corrective action and to the closure determination throughout this report.

8.3 Demonstration of Closure

The confirmation sample collected at the SB4 location following targeted excavation (sample SB#4/2-1) returned non-detect results for benzene, ethylbenzene, toluene, ortho-xylene, meta- and para-xylene, total xylenes, gasoline range organics, diesel range organics, and oil range organics. Chloride was reported at 41.5 mg/kg. Combined GRO plus DRO concentration in the confirmation sample is below the laboratory reporting limit (less than 25 mg/kg DRO + less than 20 mg/kg GRO), well below the most stringent 100 mg/kg TPH threshold. All BTEX results are below 0.025 mg/kg (and in the case of meta- and para-xylene, below 0.050 mg/kg), well below the 10 mg/kg benzene and 50 mg/kg total BTEX thresholds. Chloride of 41.5 mg/kg is approximately one-sixth of the 250 mg/kg most stringent threshold. The remainder of the impacted area, characterized through samples SB1, SB2, SB3, SB5, and SB6, returned non-detect results for all petroleum hydrocarbon analytes and chloride concentrations consistent with the below the 600 mg/kg threshold (with the exception of SB1 at 286 mg/kg.

Considered together, the initial characterization data, the targeted excavation, and the confirmation analytical results demonstrate that the McCroden Line release site meets the most stringent applicable OCD soil closure standards. No additional remedial action is warranted, and the site is appropriate for final closure under 19.15.29 NMAC.

9.0 Conclusions and Closure Request

Based on the information presented in this Final Remediation Report, Logos Operating LLC respectfully concludes that the corrective action at the McCroden Line release site is complete. The release was identified during an elective aerial flyover and verified on the ground. The 4-inch flowline was shut in immediately upon discovery, the released fluid was contained within the original impacted footprint, no off-site migration occurred, and the surface fee owner was notified. Site characterization was performed through six soil borings, with one location requiring targeted excavation. Confirmation sampling at the excavated location returned non-detect results for all petroleum hydrocarbon analytes and chloride concentrations well below applicable thresholds.

Based on the location of the release, Logos closed this release to the most stringent OCD soil closure standards established under 19.15.29.11 NMAC, including the 100 mg/kg combined GRO plus DRO total petroleum hydrocarbon standard, the 10 mg/kg benzene standard, the 50 mg/kg total BTEX standard, and the 250 mg/kg chloride standard. The release did not impact any watercourse, wetland, or floodplain, and groundwater was not impacted. There are no occupied buildings or water wells within the regulatory radius of concern, and the surface owner has been notified of the resolution.

Logos respectfully requests that the New Mexico Oil Conservation Division consider the corrective action complete and grant final closure for this release. The accompanying Form C-141, included as Appendix A, is submitted as the operator's regulatory closure submittal.

10.0 Final Reclamation

Seeding will be performed during the appropriate seasonal window for the region (typically late summer to early fall, ahead of winter precipitation) to optimize germination and establishment success. Site preparation prior to seeding will include final grading to match surrounding contours, light scarification of the surface to promote seed-soil contact, and placement of any necessary erosion-control measures (e.g., straw mulch, certified weed-free wattles) where slope or surface conditions warrant.

Following seeding, the operator will monitor the reclaimed area on a periodic basis to evaluate vegetative establishment, species composition, and surface stability. Reclamation success criteria will be evaluated against the surrounding undisturbed reference area, consistent with applicable OCD reclamation expectations and the surface-owner agreement. If initial establishment is incomplete or fails to meet success criteria, the operator will reseed and undertake additional reclamation measures as necessary until reclamation is achieved. Reclamation records, including the final approved seed mix, seeding date, and monitoring observations, will be maintained in the operator's project file and made available to OCD upon request.

11.0 Operator Certification

I hereby certify that, to the best of my knowledge and based on reasonable inquiry of the persons directly responsible for the work documented herein, the statements and analytical data presented in this Final Remediation Report are true, accurate, and complete. The corrective action was performed in accordance with 19.15.29 NMAC, and the soil-closure standards relied upon are met based on the analytical data presented and provided in the appended laboratory reports. I understand that knowingly submitting false information may result in penalties under applicable New Mexico law.

Signature	Date
Vanessa Fields	05/0/2026
Print Name	**Title**
Vanessa Fields	Sr. Regulatory Manager

Logos Operating LLC, 2010 Afton Place, Farmington, NM 87401 | (505) 787-2027

12.0 References

New Mexico Energy, Minerals and Natural Resources Department, Oil Conservation Division, 2018 (as amended). Title 19, Chapter 15, Part 29 of the New Mexico Administrative Code (19.15.29 NMAC) — Releases.

New Mexico Energy, Minerals and Natural Resources Department, Oil Conservation Division, 2018 (as amended). Title 19, Chapter 15, Part 30 of the New Mexico Administrative Code (19.15.30 NMAC) — Remediation.

U.S. Environmental Protection Agency, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, including Methods 8021B (Volatile Aromatic and Halogenated Compounds), 8015D (Nonhalogenated Organics by Gas Chromatography), and 9056A (Determination of Inorganic Anions by Ion Chromatography).

U.S. Environmental Protection Agency, Method 300.0 — Determination of Inorganic Anions by Ion Chromatography.

U.S. Fish and Wildlife Service, National Wetlands Inventory mapper, https://www.fws.gov/wetlands/, accessed February 2026.

Federal Emergency Management Agency, National Flood Hazard Layer, FIRM Panel 35039C1675D, effective March 15, 2012.

Envirotech Inc., 2026. Analytical Report, Project Name: McCroden Line, Work Order E604111, dated April 14, 2026, Logos Resources, Farmington, New Mexico.

Envirotech Inc., 2026. Analytical Report, Project Name: McCroden Line, Work Order E604312, dated April 27, 2026, Logos Resources, Farmington, New Mexico.

13.0 Appendices

The following appendices are incorporated by reference into this Final Remediation Report and are submitted with the report package:

Appendix A — Form C-141, Final Release Notification & Corrective Action.

Appendix B — Volume Calculation and Site Overview Map.

Appendix C — Distance to Watercourse Exhibit.

Appendix D — National Wetlands Inventory (NWI) Map.

Appendix E — FEMA FIRMette (FIRM Panel 35039C1675D, effective March 15, 2012).

Appendix F — Envirotech Inc. Analytical Report, Work Order E604111 (initial characterization, April 14, 2026).

Appendix G — Envirotech Inc. Analytical Report, Work Order E604312 (confirmation sampling, April 27, 2026).

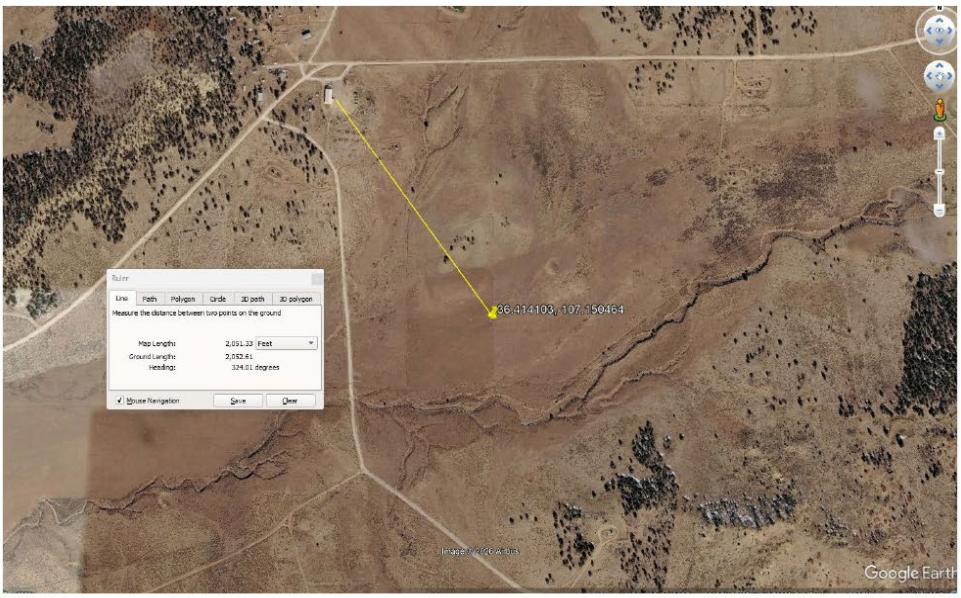
Appendix H — Chain-of-Custody Documentation (included within each laboratory report).

Appendix I — Photographic Log of the Sampling Event of April 10, 2026 (included on the following pages).

Appendix B — Volume Calculation and Site Overview Map

The volume calculation and site overview map below documents the impacted area at the time of discovery (40 ft × 45 ft × 1 ft, approximately 1,800 cubic feet of saturated soil zone) along with the surrounding right-of-way and access roads. The Google Earth measurement included on the exhibit also documents the heading and ground length used to calculate the distance to the nearest mapped watercourse.

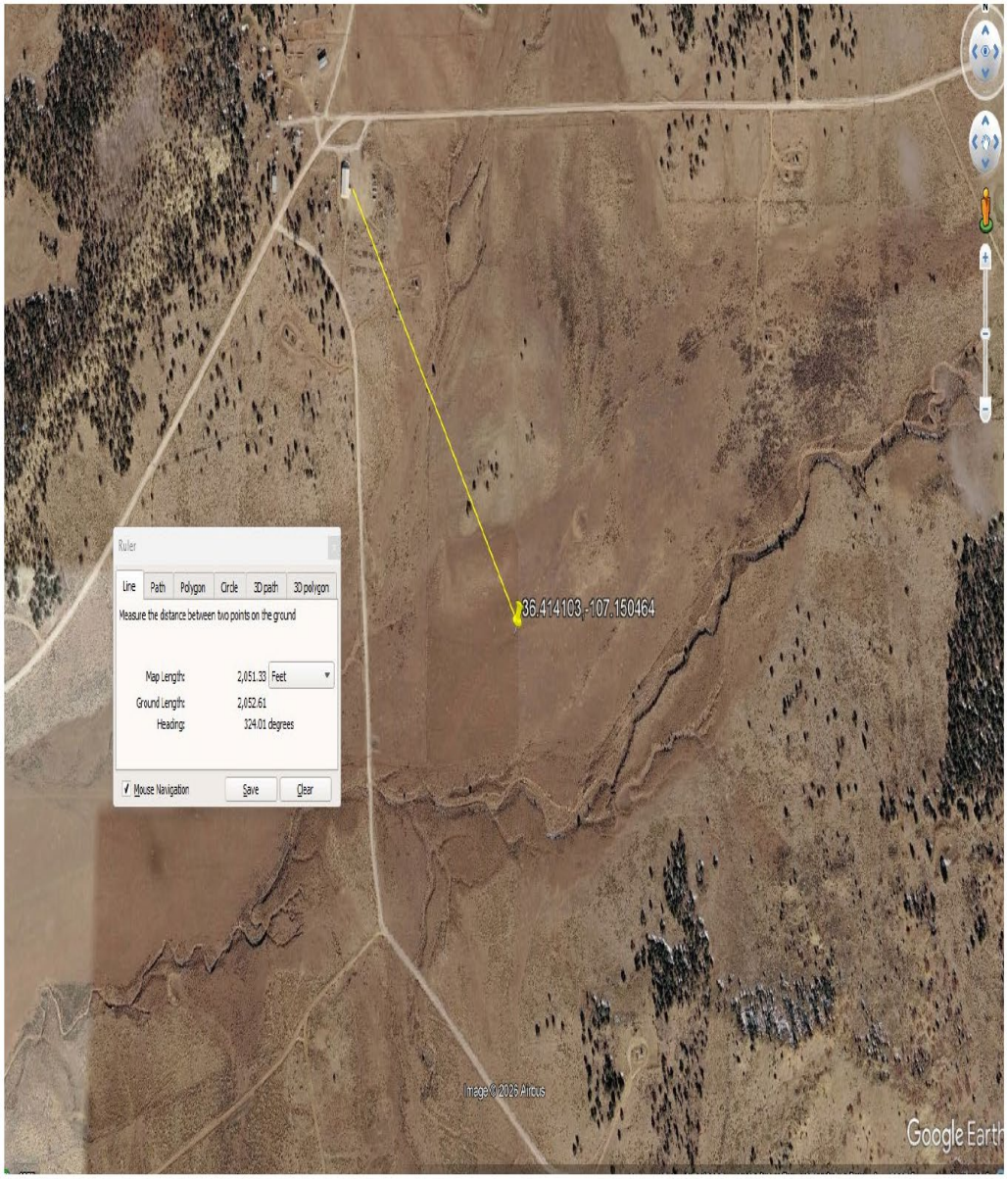
Line identified from elective flyover. Area observed to be saturated with a layer of produced water containing oil. Size of area was determined to be 40’x45’x1’. Amount released is undetermined. Investigation pending.



Appendix C — Distance to Watercourse Exhibit

The exhibit below documents the horizontal distance from the McCroden Line release point to the nearest mapped watercourse, measured using Google Earth. Map length and ground length are reported as 2,051 ft and 2,053 ft, respectively, on a heading of 324 degrees northwest. The release point did not reach, and did not have the potential to reach, this watercourse.

Distance to Watercourse, Municipal Boundary



Appendix D — National Wetlands Inventory (NWI) Map

The U.S. Fish and Wildlife Service National Wetlands Inventory map for the McCroden Line release area is provided below. No wetland features are mapped on the impacted area. The nearest mapped wetland feature is an off-site Riverine, Lower Perennial, Streambed, Seasonally Flooded (R4SBC) reach south of the release point and is not hydrologically connected to the impacted area.

U.S. Fish and Wildlife Service
National Wetlands Inventory

McCroden Line

February 24, 2026

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

Appendix E — FEMA FIRMette (Floodplain)

The Federal Emergency Management Agency National Flood Hazard Layer FIRMette for the McCroden Line release point is provided below. The release point falls within FIRM Panel 35039C1675D, effective March 15, 2012, and is mapped as Zone X — Area of Minimal Flood Hazard. The release point is not within the 100-year (1% annual chance) floodplain or any associated regulatory floodway.

National Flood Hazard Layer FIRMette

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) Zone A, V, A99
- With BFE or Depth Zone AE, AO, AH, VE, AR
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
- Future Conditions 1% Annual Chance Flood Hazard Zone X
- Area with Reduced Flood Risk due to Levee. See Notes. Zone X
- Area with Flood Risk due to Levee Zone D

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard Zone X
- Effective LOMRs
- Area of Undetermined Flood Hazard Zone D

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 2/24/2026 at 1:40 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

Appendix I — Photographic Log

Sampling Event — April 10, 2026, April 24, 2026

The photographs presented in this appendix document the soil-sampling event conducted on April 10, 2026 at the McCroden Line release site. Photographs were taken at each soil-boring location and depict the hand-augered boreholes, exposed soil columns, and surrounding surface conditions encountered during the initial site characterization. Photographs are presented in the order in which they were taken in the field. Each photograph corresponds to a sampling location designated SB1 through SB6, plus a general site/sampling-conditions reference photograph. On April 24,2026 SB #4 was resampled

Photographic Log Information:

Site: McCroden Line — 4-inch flowline release

Operator: Logos Operating LLC

Location: Township 25N, Range 3W, Section 9, Rio Arriba County, New Mexico

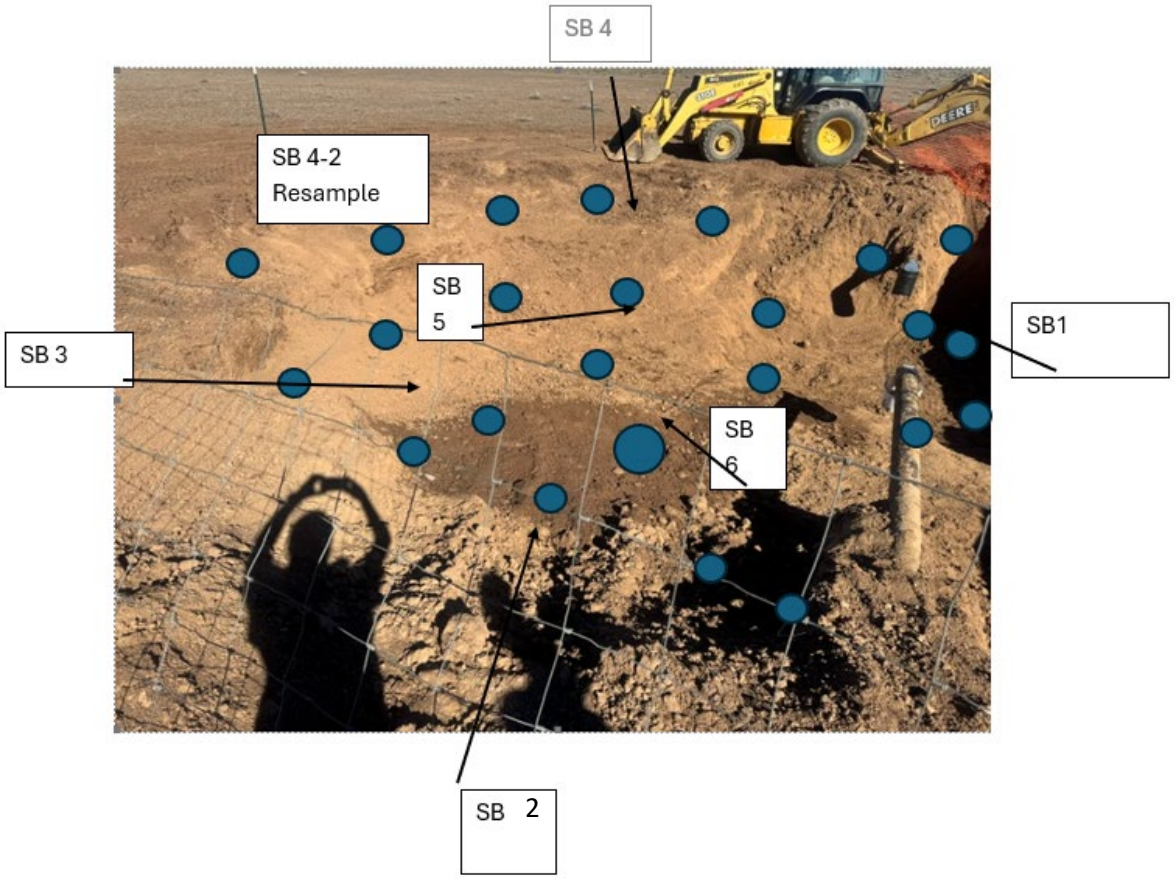
Coordinates: Latitude 36.414103° N, Longitude -107.150464° W (NAD 83)

Date Photographs Taken: April 10, 2026

Photographs Taken By: Logos Operating LLC field personnel

Overview — Entire Sample Area

The photograph below provides a wide-angle overview of the entire sample area at the McCroden Line release site, showing the impacted footprint, the alignment of the 4-inch flowline through the area, and the relative positions of soil borings SB1 through SB6 within the sampled zone.



Overview Photograph — Entire sample area at the McCroden Line release site, depicting the impacted footprint and the relative locations of soil borings SB1 through SB6 collected during the initial characterization sampling event of April 10, 2026.

Photograph 1 — Sampling location SB1. Hand-augered borehole in the disturbed surficial soil zone of the McCroden Line release area. Foot/shadow visible at lower right provides scale. Soil exhibits typical upland-mesa loamy texture with no visible hydrocarbon staining or free product at the boring location.

Photograph 2 — Sampling location SB2. Close-up view of hand-augered borehole in dry, cracked clay-rich surface soil. Surface fissuring is consistent with desiccation of native fine-grained soils typical of the local mesa setting. No visible petroleum staining or free product observed at the sampling location.

Photograph 3 — Sampling location SB3. Surface conditions at the third boring, showing cracked dry clay soil with vehicle/equipment access tracks visible across the impacted area. Tracks reflect the operator's response and characterization activities. No visible hydrocarbon staining at the sample point.

Photograph 4 — Sampling location SB4. Hand-augered borehole at the location that returned the only above-threshold result in the initial characterization round (DRO of 104 mg/kg, marginally above the 100 mg/kg most-stringent TPH closure standard). Soil shown is loose and friable; no obvious free product was observed at the surface during sampling, consistent with low-concentration residual impact later confirmed by the laboratory result.

Photograph 5 — Sampling location SB5. Borehole in rocky, clumpy soil with visible chunks of partially consolidated material; consistent with weathered sandstone/shale parent material at depth. No visible hydrocarbon staining or free product at the sampling location.

Photograph 6 — Sampling location SB6. Hand-augered borehole on lightly disturbed surface near the perimeter of the impacted area. Vehicle/equipment access tracks are visible across the surrounding surface. No visible hydrocarbon staining or free product observed at the sampling location.

Photograph 7 — SB4 confirmation resampling at the McCroden Line release area, April 24, 2026. The photograph documents the post-excavation sampling location and surface conditions at the SB4 footprint at the time the confirmation sample (SB#4/2-1) was collected.

Note on photograph captions: Photograph numbers and sample-location designations above are provided for reference. If field notes assigned specific photograph numbers to individual borings differently, captions should be updated accordingly prior to submittal. Photographs 1 through 6 were taken on April 10, 2026 and document the conditions encountered during the initial characterization sampling event described in Section 5.0 of this report. Photograph 7 was taken on April 24, 2026 and documents the SB4 confirmation resampling event described in Section 7.0 of this report.

Post-Excavation Backfill and Site Restoration

The photograph below documents the post-excavation backfill and site restoration activities at the SB4 excavation footprint. Following completion of the targeted excavation and receipt of the confirmation analytical results demonstrating compliance with the 100 mg/kg most-stringent OCD soil closure standard, the excavation was backfilled with clean native borrow material, lightly compacted, and graded to match the surrounding contours. The surface was then prepared for revegetation in accordance with applicable surface-owner agreements and standard reclamation practices for upland-mesa rangelands.

Photograph 8 — Post-excavation backfill and site restoration at the SB4 excavation footprint, McCroden Line release area. The excavation was backfilled with clean native borrow material, lightly compacted, and graded to match surrounding contours; the restored surface was prepared for revegetation consistent with the surrounding undisturbed upland-mesa rangeland.

Disclaimer: *This report has been prepared by the operator for submittal to the New Mexico Oil Conservation Division pursuant to 19.15.29 NMAC. It is not legal advice. Specific regulatory determinations remain the prerogative of OCD.*

From: OCDOnline@emnrd.nm.gov
To: Vanessa Fields
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 577960
Date: Tuesday, April 21, 2026 4:08:02 PM

To whom it may concern (c/o Vanessa Fields for LOGOS OPERATING, LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2603834243.

The sampling event is expected to take place:

When: 04/24/2026 @ 10:00
Where: F-09-25N-03W 0 FNL 0 FEL (36.414103,-107.150464)

Additional Information: Vanessa Fields

Additional Instructions: Travel to site no issues with access

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

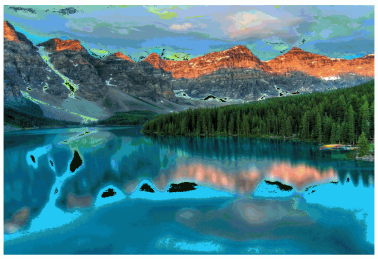
- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**
- **If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.**

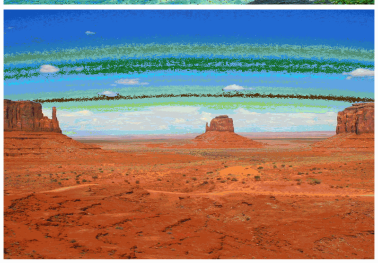
If you have any questions regarding this application, or don't know why you have received this email, please contact us.

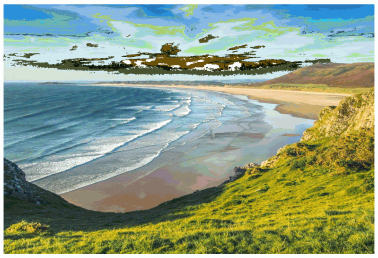
New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

Report to:

Vanessa Fields







5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Logos Resources

Project Name:	McCroden Line
Work Order:	E604111
Job Number:	12035-0114
Received:	4/10/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/14/26

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

Date Reported: 4/14/26

Vanessa Fields
2010 Afton Place
Farmington, NM 87401

Project Name: McCroden Line
Workorder: E604111
Date Received: 4/10/2026 12:40:00PM

Vanessa Fields,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/10/2026 12:40:00PM, under the Project Name: McCroden Line.

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

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
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Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Logos Resources	Project Name:	McCroden Line	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Vanessa Fields	04/14/26 12:19

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SB1	E604111-01A	Soil	04/10/26	04/10/26	Glass Jar, 4 oz.
SB2	E604111-02A	Soil	04/10/26	04/10/26	Glass Jar, 4 oz.
SB3	E604111-03A	Soil	04/10/26	04/10/26	Glass Jar, 4 oz.
SB4	E604111-04A	Soil	04/10/26	04/10/26	Glass Jar, 4 oz.
SB5	E604111-05A	Soil	04/10/26	04/10/26	Glass Jar, 4 oz.
SB6	E604111-06A	Soil	04/10/26	04/10/26	Glass Jar, 4 oz.

Sample Data

Logos Resources	Project Name:	McCroden Line	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Vanessa Fields	4/14/2026 12:19:43PM

SB1

E604111-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2615160
Benzene	ND	0.0250	1	04/10/26	04/13/26	
Ethylbenzene	ND	0.0250	1	04/10/26	04/13/26	
Toluene	ND	0.0250	1	04/10/26	04/13/26	
o-Xylene	ND	0.0250	1	04/10/26	04/13/26	
p,m-Xylene	ND	0.0500	1	04/10/26	04/13/26	
Total Xylenes	ND	0.0250	1	04/10/26	04/13/26	
Surrogate: 4-Bromochlorobenzene-PID		*88.2 %*	*70-130*	*04/10/26*	*04/13/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2615160
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/10/26	04/13/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.9 %*	*70-130*	*04/10/26*	*04/13/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2615161
Diesel Range Organics (C10-C28)	ND	25.0	1	04/10/26	04/14/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/10/26	04/14/26	
Surrogate: n-Nonane		*100 %*	*69-135*	*04/10/26*	*04/14/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2615158
Chloride	**286**	20.0	1	04/10/26	04/10/26	

Sample Data

Logos Resources	Project Name:	McCroden Line	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Vanessa Fields	4/14/2026 12:19:43PM

SB2

E604111-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2615160
Benzene	ND	0.0250	1	04/10/26	04/13/26	
Ethylbenzene	ND	0.0250	1	04/10/26	04/13/26	
Toluene	ND	0.0250	1	04/10/26	04/13/26	
o-Xylene	ND	0.0250	1	04/10/26	04/13/26	
p,m-Xylene	ND	0.0500	1	04/10/26	04/13/26	
Total Xylenes	ND	0.0250	1	04/10/26	04/13/26	
Surrogate: 4-Bromochlorobenzene-PID		*86.1 %*	*70-130*	*04/10/26*	*04/13/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2615160
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/10/26	04/13/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.5 %*	*70-130*	*04/10/26*	*04/13/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2615161
Diesel Range Organics (C10-C28)	ND	25.0	1	04/10/26	04/14/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/10/26	04/14/26	
Surrogate: n-Nonane		*98.7 %*	*69-135*	*04/10/26*	*04/14/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2615158
Chloride	**168**	20.0	1	04/10/26	04/10/26	

Sample Data

Logos Resources	Project Name:	McCroden Line	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Vanessa Fields	4/14/2026 12:19:43PM

SB3

E604111-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2615160
Benzene	ND	0.0250	1	04/10/26	04/13/26	
Ethylbenzene	ND	0.0250	1	04/10/26	04/13/26	
Toluene	ND	0.0250	1	04/10/26	04/13/26	
o-Xylene	ND	0.0250	1	04/10/26	04/13/26	
p,m-Xylene	ND	0.0500	1	04/10/26	04/13/26	
Total Xylenes	ND	0.0250	1	04/10/26	04/13/26	
Surrogate: 4-Bromochlorobenzene-PID		*89.5 %*	*70-130*	*04/10/26*	*04/13/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2615160
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/10/26	04/13/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.5 %*	*70-130*	*04/10/26*	*04/13/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2615161
Diesel Range Organics (C10-C28)	ND	25.0	1	04/10/26	04/14/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/10/26	04/14/26	
Surrogate: n-Nonane		*95.3 %*	*69-135*	*04/10/26*	*04/14/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2615158
Chloride	**148**	20.0	1	04/10/26	04/10/26	

Sample Data

Logos Resources	Project Name:	McCroden Line	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Vanessa Fields	4/14/2026 12:19:43PM

SB4

E604111-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2615160
Benzene	ND	0.0250	1	04/10/26	04/13/26	
Ethylbenzene	ND	0.0250	1	04/10/26	04/13/26	
Toluene	ND	0.0250	1	04/10/26	04/13/26	
o-Xylene	ND	0.0250	1	04/10/26	04/13/26	
p,m-Xylene	ND	0.0500	1	04/10/26	04/13/26	
Total Xylenes	ND	0.0250	1	04/10/26	04/13/26	
Surrogate: 4-Bromochlorobenzene-PID		*88.3 %*	*70-130*	*04/10/26*	*04/13/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2615160
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/10/26	04/13/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.2 %*	*70-130*	*04/10/26*	*04/13/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2615161
Diesel Range Organics (C10-C28)	**104**	25.0	1	04/10/26	04/14/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/10/26	04/14/26	
Surrogate: n-Nonane		*94.0 %*	*69-135*	*04/10/26*	*04/14/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2615158
Chloride	**75.4**	20.0	1	04/10/26	04/10/26	

Sample Data

Logos Resources	Project Name:	McCroden Line	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Vanessa Fields	4/14/2026 12:19:43PM

SB5

E604111-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2615160
Benzene	ND	0.0250	1	04/10/26	04/13/26	
Ethylbenzene	ND	0.0250	1	04/10/26	04/13/26	
Toluene	ND	0.0250	1	04/10/26	04/13/26	
o-Xylene	ND	0.0250	1	04/10/26	04/13/26	
p,m-Xylene	ND	0.0500	1	04/10/26	04/13/26	
Total Xylenes	ND	0.0250	1	04/10/26	04/13/26	
Surrogate: 4-Bromochlorobenzene-PID		*89.3 %*	*70-130*	*04/10/26*	*04/13/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2615160
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/10/26	04/13/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.8 %*	*70-130*	*04/10/26*	*04/13/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2615161
Diesel Range Organics (C10-C28)	ND	25.0	1	04/10/26	04/14/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/10/26	04/14/26	
Surrogate: n-Nonane		*102 %*	*69-135*	*04/10/26*	*04/14/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2615158
Chloride	**204**	20.0	1	04/10/26	04/10/26	

Sample Data

Logos Resources	Project Name:	McCroden Line	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Vanessa Fields	4/14/2026 12:19:43PM

SB6

E604111-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2615160
Benzene	ND	0.0250	1	04/10/26	04/13/26	
Ethylbenzene	ND	0.0250	1	04/10/26	04/13/26	
Toluene	ND	0.0250	1	04/10/26	04/13/26	
o-Xylene	ND	0.0250	1	04/10/26	04/13/26	
p,m-Xylene	ND	0.0500	1	04/10/26	04/13/26	
Total Xylenes	ND	0.0250	1	04/10/26	04/13/26	
Surrogate: 4-Bromochlorobenzene-PID		*88.0 %*	*70-130*	*04/10/26*	*04/13/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2615160
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/10/26	04/13/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.9 %*	*70-130*	*04/10/26*	*04/13/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2615161
Diesel Range Organics (C10-C28)	ND	25.0	1	04/10/26	04/14/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/10/26	04/14/26	
Surrogate: n-Nonane		*97.9 %*	*69-135*	*04/10/26*	*04/14/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2615158
Chloride	**177**	20.0	1	04/10/26	04/10/26	

QC Summary Data

Logos Resources	Project Name:	McCroden Line	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Vanessa Fields	4/14/2026 12:19:43PM

Volatile Organics by EPA 8021B

Analyst: MB

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2615160-BLK1)									Prepared: 04/10/26 Analyzed: 04/13/26
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*6.76*		*8.00*		*84.5*	*70-130*			
LCS (2615160-BS1)									Prepared: 04/10/26 Analyzed: 04/13/26
Benzene	3.89	0.0250	5.00		77.7	70-130			
Ethylbenzene	3.59	0.0250	5.00		71.8	70-130			
Toluene	3.80	0.0250	5.00		75.9	70-130			
o-Xylene	3.67	0.0250	5.00		73.4	70-130			
p,m-Xylene	7.39	0.0500	10.0		73.9	70-130			
Total Xylenes	11.1	0.0250	15.0		73.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.13*		*8.00*		*89.2*	*70-130*			
Matrix Spike (2615160-MS1)				**Source: E604114-03**					Prepared: 04/10/26 Analyzed: 04/13/26
Benzene	4.65	0.0250	5.00	ND	93.1	70-130			
Ethylbenzene	4.31	0.0250	5.00	0.0522	85.2	70-130			
Toluene	4.67	0.0250	5.00	0.154	90.4	70-130			
o-Xylene	4.41	0.0250	5.00	0.180	84.7	70-130			
p,m-Xylene	8.98	0.0500	10.0	0.292	86.9	70-130			
Total Xylenes	13.4	0.0250	15.0	0.472	86.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*6.93*		*8.00*		*86.6*	*70-130*			
Matrix Spike Dup (2615160-MSD1)				**Source: E604114-03**					Prepared: 04/10/26 Analyzed: 04/13/26
Benzene	5.14	0.0250	5.00	ND	103	70-130	9.94	20	
Ethylbenzene	4.74	0.0250	5.00	0.0522	93.7	70-130	9.37	20	
Toluene	5.15	0.0250	5.00	0.154	99.9	70-130	9.68	20	
o-Xylene	4.83	0.0250	5.00	0.180	93.0	70-130	8.98	20	
p,m-Xylene	9.84	0.0500	10.0	0.292	95.4	70-130	9.04	20	
Total Xylenes	14.7	0.0250	15.0	0.472	94.6	70-130	9.02	20	
Surrogate: 4-Bromochlorobenzene-PID	*6.76*		*8.00*		*84.6*	*70-130*			

QC Summary Data

Logos Resources	Project Name:	McCroden Line	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Vanessa Fields	4/14/2026 12:19:43PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: MB

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2615160-BLK1)									Prepared: 04/10/26 Analyzed: 04/13/26
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.30*		*8.00*		*91.2*	*70-130*			
LCS (2615160-BS2)									Prepared: 04/10/26 Analyzed: 04/13/26
Gasoline Range Organics (C6-C10)	47.6	20.0	50.0		95.2	62-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.24*		*8.00*		*90.5*	*70-130*			
Matrix Spike (2615160-MS2)				**Source: E604114-03**					Prepared: 04/10/26 Analyzed: 04/13/26
Gasoline Range Organics (C6-C10)	69.7	20.0	50.0	ND	139	60-137			M6
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.33*		*8.00*		*91.6*	*70-130*			
Matrix Spike Dup (2615160-MSD2)				**Source: E604114-03**					Prepared: 04/10/26 Analyzed: 04/13/26
Gasoline Range Organics (C6-C10)	70.8	20.0	50.0	ND	142	60-137	1.55	20	M6
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.25*		*8.00*		*90.7*	*70-130*			

QC Summary Data

Logos Resources	Project Name:	McCroden Line	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Vanessa Fields	4/14/2026 12:19:43PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2615161-BLK1)									Prepared: 04/10/26 Analyzed: 04/13/26
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*57.1*		*50.0*		*114*	*69-135*			
LCS (2615161-BS1)									Prepared: 04/10/26 Analyzed: 04/13/26
Diesel Range Organics (C10-C28)	229	25.0	250		91.8	70-131			
Surrogate: n-Nonane	*45.9*		*50.0*		*91.8*	*69-135*			
Matrix Spike (2615161-MS1)				**Source: E604106-45**					Prepared: 04/10/26 Analyzed: 04/13/26
Diesel Range Organics (C10-C28)	386	25.0	250	57.6	131	62-151			
Surrogate: n-Nonane	*56.5*		*50.0*		*113*	*69-135*			
Matrix Spike Dup (2615161-MSD1)				**Source: E604106-45**					Prepared: 04/10/26 Analyzed: 04/13/26
Diesel Range Organics (C10-C28)	372	25.0	250	57.6	126	62-151	3.65	20	
Surrogate: n-Nonane	*56.8*		*50.0*		*114*	*69-135*			

QC Summary Data

Logos Resources	Project Name:	McCroden Line	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Vanessa Fields	4/14/2026 12:19:43PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2615158-BLK1)									Prepared: 04/10/26 Analyzed: 04/10/26
Chloride	ND	20.0							
LCS (2615158-BS1)									Prepared: 04/10/26 Analyzed: 04/10/26
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2615158-MS1)				**Source: E604109-06**					Prepared: 04/10/26 Analyzed: 04/10/26
Chloride	456	20.0	250	194	105	80-120			
Matrix Spike Dup (2615158-MSD1)				**Source: E604109-06**					Prepared: 04/10/26 Analyzed: 04/10/26
Chloride	455	20.0	250	194	104	80-120	0.240	20	

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

Definitions and Notes

Logos Resources	Project Name:	McCroden Line	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Vanessa Fields	04/14/26 12:19

M6	Matrix spike recovery has a high bias. The native sample results were below the RL, but appears to have contributed to high MS recoveries.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

envirotech
Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: LOGOS Operating LLC	Company: LOGOS Operating	Lab WO# E604111	Job Number 12035.0114	1D 2D 3D Std: X	NM CO UT TX
Project Name: McCrodden Liner	Address: 2010 Afton Pl			
Project Manager: VanessaFields	City, State, Zip: Farmington NM 87401			
Address: 2010 Afton Pl	Phone: 505-320-1243			
City, State, Zip: Farmington NM 87401	Email: sescojeda@logosresourcesllc.com			
Phone: 505-320-1243	Miscellaneous: CC. Sharm			
Email: vfield@logosresourcesllc.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
10:17	4/10/26	S	1	SB 1		1	X	X	X		X							2.9	
10:19	4/10/24	S	1	SB 2		2												5.0	
10:20	4/10/24	S	1	SB 3		3												2.8	
10:22	4/10/24	S	1	SB 4		4												2.3	
10:24	4/10/24	S	1	SB 5		5												1.8	
10:28	4/10/24	S	1	SB 6		6												5.2	

Analysis and Method

EPA Program: SDWA | CWA | RCRA

Compliance Y or N

PWSID #

Additional Instructions:

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

Sampled by: Karen Escojeda

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karen Escojeda	4/10/24	12:38	Cath Mann	4.10.26	12:40
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

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

Lab Use Only

Received on ice: (Y) N

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

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

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

Envirotech Analytical Laboratory

Printed: 4/10/2026 12:46:17PM

Sample Receipt Checklist (SRC)

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

Client:	Logos Resources	Date Received:	04/10/26 12:40	Work Order ID:	E604111
Phone:	(505) 787-9100	Date Logged In:	04/10/26 12:43	Logged In By:	Caitlin Mars
Email:	vfields@logosresourcesllc.com	Due Date:	04/14/26 17:00 (2 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

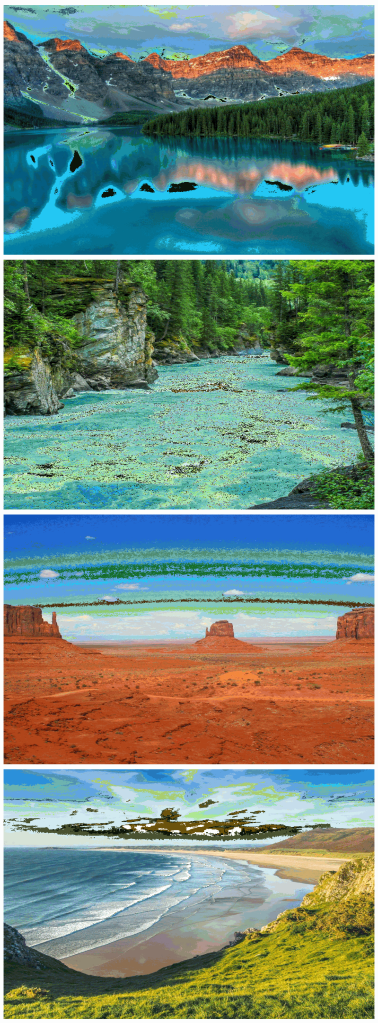
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Vanessa Fields



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Logos Resources

Project Name:	McCroden Line
Work Order:	E604312
Job Number:	12035-0114
Received:	4/24/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/27/26

Date Reported: 4/27/26

Vanessa Fields
2010 Afton Place
Farmington, NM 87401

Project Name: McCroden Line
Workorder: E604312
Date Received: 4/24/2026 12:42:00PM

Vanessa Fields,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/24/2026 12:42:00PM, under the Project Name: McCroden Line.

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

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

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

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

Respectfully,

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

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Logos Resources	Project Name:	McCroden Line	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Vanessa Fields	04/27/26 17:23

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SB#4/2 -1	E604312-01A	Soil	04/24/26	04/24/26	Glass Jar, 4 oz.
SB#4/2 -2	E604312-02A	Soil	04/24/26	04/24/26	Glass Jar, 4 oz.
SB#4/2 -3	E604312-03A	Soil	04/24/26	04/24/26	Glass Jar, 4 oz.
SB#4/2 -4	E604312-04A	Soil	04/24/26	04/24/26	Glass Jar, 4 oz.
SB#4/2 -5	E604312-05A	Soil	04/24/26	04/24/26	Glass Jar, 4 oz.

Sample Data

Logos Resources	Project Name:	McCroden Line	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Vanessa Fields	4/27/2026 5:23:29PM

SB#4/2 -1

E604312-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2617114
Benzene	ND	0.0250	1	04/24/26	04/25/26	
Ethylbenzene	ND	0.0250	1	04/24/26	04/25/26	
Toluene	ND	0.0250	1	04/24/26	04/25/26	
o-Xylene	ND	0.0250	1	04/24/26	04/25/26	
p,m-Xylene	ND	0.0500	1	04/24/26	04/25/26	
Total Xylenes	ND	0.0250	1	04/24/26	04/25/26	
Surrogate: 4-Bromochlorobenzene-PID		*109 %*	*70-130*	*04/24/26*	*04/25/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2617114
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/24/26	04/25/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*99.8 %*	*70-130*	*04/24/26*	*04/25/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2617111
Diesel Range Organics (C10-C28)	ND	25.0	1	04/24/26	04/24/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/24/26	04/24/26	
Surrogate: n-Nonane		*98.5 %*	*69-135*	*04/24/26*	*04/24/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2617137
Chloride	**41.5**	20.0	1	04/24/26	04/24/26	

QC Summary Data

Logos Resources	Project Name:	McCroden Line	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Vanessa Fields	4/27/2026 5:23:29PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2617114-BLK1)									Prepared: 04/24/26 Analyzed: 04/24/26
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*8.83*		*8.00*		*110*	*70-130*			
LCS (2617114-BS1)									Prepared: 04/24/26 Analyzed: 04/24/26
Benzene	4.35	0.0250	5.00		87.0	70-130			
Ethylbenzene	4.17	0.0250	5.00		83.4	70-130			
Toluene	4.28	0.0250	5.00		85.7	70-130			
o-Xylene	4.27	0.0250	5.00		85.3	70-130			
p,m-Xylene	8.51	0.0500	10.0		85.1	70-130			
Total Xylenes	12.8	0.0250	15.0		85.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.79*		*8.00*		*110*	*70-130*			
Matrix Spike (2617114-MS1)				**Source: E604294-04**					Prepared: 04/24/26 Analyzed: 04/25/26
Benzene	4.28	0.0250	5.00	ND	85.6	70-130			
Ethylbenzene	4.13	0.0250	5.00	ND	82.5	70-130			
Toluene	4.23	0.0250	5.00	ND	84.7	70-130			
o-Xylene	4.27	0.0250	5.00	ND	85.3	70-130			
p,m-Xylene	8.45	0.0500	10.0	ND	84.5	70-130			
Total Xylenes	12.7	0.0250	15.0	ND	84.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.75*		*8.00*		*109*	*70-130*			
Matrix Spike Dup (2617114-MSD1)				**Source: E604294-04**					Prepared: 04/24/26 Analyzed: 04/25/26
Benzene	4.57	0.0250	5.00	ND	91.5	70-130	6.66	20	
Ethylbenzene	4.40	0.0250	5.00	ND	88.1	70-130	6.50	20	
Toluene	4.51	0.0250	5.00	ND	90.2	70-130	6.32	20	
o-Xylene	4.53	0.0250	5.00	ND	90.7	70-130	6.05	20	
p,m-Xylene	9.00	0.0500	10.0	ND	90.0	70-130	6.33	20	
Total Xylenes	13.5	0.0250	15.0	ND	90.2	70-130	6.24	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.74*		*8.00*		*109*	*70-130*			

QC Summary Data

Logos Resources	Project Name:	McCroden Line	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Vanessa Fields	4/27/2026 5:23:29PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2617114-BLK1)									Prepared: 04/24/26 Analyzed: 04/24/26
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.96*		*8.00*		*99.5*	*70-130*			
LCS (2617114-BS2)									Prepared: 04/24/26 Analyzed: 04/24/26
Gasoline Range Organics (C6-C10)	53.3	20.0	50.0		107	62-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.06*		*8.00*		*101*	*70-130*			
Matrix Spike (2617114-MS2)				**Source: E604294-04**					Prepared: 04/24/26 Analyzed: 04/25/26
Gasoline Range Organics (C6-C10)	54.0	20.0	50.0	ND	108	60-137			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.17*		*8.00*		*102*	*70-130*			
Matrix Spike Dup (2617114-MSD2)				**Source: E604294-04**					Prepared: 04/24/26 Analyzed: 04/25/26
Gasoline Range Organics (C6-C10)	51.2	20.0	50.0	ND	102	60-137	5.34	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.14*		*8.00*		*102*	*70-130*			

QC Summary Data

Logos Resources	Project Name:	McCroden Line	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Vanessa Fields	4/27/2026 5:23:29PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2617111-BLK1)									Prepared: 04/24/26 Analyzed: 04/24/26
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*54.1*		*50.0*		*108*	*69-135*			
LCS (2617111-BS1)									Prepared: 04/24/26 Analyzed: 04/24/26
Diesel Range Organics (C10-C28)	253	25.0	250		101	70-131			
Surrogate: n-Nonane	*53.9*		*50.0*		*108*	*69-135*			
Matrix Spike (2617111-MS1)				**Source: E604298-02**					Prepared: 04/24/26 Analyzed: 04/24/26
Diesel Range Organics (C10-C28)	253	25.0	250	ND	101	62-151			
Surrogate: n-Nonane	*53.6*		*50.0*		*107*	*69-135*			
Matrix Spike Dup (2617111-MSD1)				**Source: E604298-02**					Prepared: 04/24/26 Analyzed: 04/24/26
Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.6	62-151	1.45	20	
Surrogate: n-Nonane	*53.5*		*50.0*		*107*	*69-135*			

QC Summary Data

Logos Resources	Project Name:	McCroden Line	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Vanessa Fields	4/27/2026 5:23:29PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2617137-BLK1)									Prepared: 04/24/26 Analyzed: 04/24/26
Chloride	ND	20.0							
LCS (2617137-BS1)									Prepared: 04/24/26 Analyzed: 04/24/26
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2617137-MS1)				**Source: E604312-01**					Prepared: 04/24/26 Analyzed: 04/24/26
Chloride	316	20.0	250	41.5	110	80-120			
Matrix Spike Dup (2617137-MSD1)				**Source: E604312-01**					Prepared: 04/24/26 Analyzed: 04/24/26
Chloride	306	20.0	250	41.5	106	80-120	3.03	20	

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

Definitions and Notes

Logos Resources	Project Name:	McCroden Line	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Vanessa Fields	04/27/26 17:23

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

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

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

envirotech
Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: LOGOS Operating	Company: LOGOS	Lab WO# EL004312	Job Number 12035.0114	1D: X; 2D; 3D; Std	NM: X; CO; UT; TX
Project Name: McCrodden Gas	Address: 2010 Afton Place			
Project Manager: Vanessa Fields	City, State, Zip: Farmington, NM. 87401			
Address: 2010 Afton Place	Phone: 505-320-1243			
City, State, Zip: Farmington NM 87401	Email: jescojeda@logosresourcesllc.com			
Phone: 505-320-1243	Miscellaneous: cc. Sham			
Email: VFields@logosresourcesllc.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
10:20	4/24/24	S	1	SB#4/2 - 1		1									X			2.4	
10:20	4/24/24	S	1	SB#4/2 - 2		2									X			5.4	
10:20	4/24/24	S	1	SB#4/2 - 3		3									X			5.2	
10:20	4/24/24	S	1	SB#4/2 - 4		4									X			4.9	
10:20	4/24/24	S	1	SB#4/2 - 5		5									X			4.6	

Analysis and Method

EPA Program: SDWA; CWA; RCRA

Compliance: Y or N

PWSID #

Additional Instructions:

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

Sampled by: Sham Escojeda

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Sham Escojeda	4/24/24	12:42	Caitlin Mars	4.24.24	12:42
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

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

Lab Use Only

Received on ice: (Y) N

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

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

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

Envirotech Analytical Laboratory

Printed: 4/24/2026 1:03:43PM

Sample Receipt Checklist (SRC)

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

Client:	Logos Resources	Date Received:	04/24/26 12:42	Work Order ID:	E604312
Phone:	(505) 787-9100	Date Logged In:	04/24/26 12:48	Logged In By:	Caitlin Mars
Email:	vfields@logosresourcesllc.com	Due Date:	04/27/26 17:00 (1 day TAT)		

Chain of Custody (COC)		
1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Sharon
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	
Sample Turn Around Time (TAT)		
6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	
Sample Cooler		
7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes	
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.		
Sample Container		
14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	
Field Label		
20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	Yes	
Sample Preservation		
21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filtration required and/or requested for dissolved metals?	No	
Multiphase Sample Matrix		
26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	
Subcontract Laboratory		
28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

Client Instruction

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

Date

envirotech Inc.

envirotech
Analytical Laboratory

Chain of Custody

Page 1 of 1

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: LOGOS Operating	Company: LOGOS	Lab WO# EL004312	Job Number 12035.0114	1D X, 2D, 3D, Std	NM X, CO, UT, TX
Project Name: McCracken Gas	Address: 2010 Afton Place			
Project Manager: Vanessa Fields	City, State, Zip: Farmington, NM. 87401			
Address: 2010 Afton Place	Phone: 505-320-1243			
City, State, Zip: Farmington NM 87401	Email: jescojeda@logosresourcesllc.com			
Phone: 505-320-1243	Miscellaneous: cc. Sham			
Email: VFields@logosresourcesllc.com				

Analysis and Method

EPA Program

SDWA | CWA | RCRA

Compliance Y or N

PWSID #

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	Sample Temp	Remarks
10:20	4/24/24	S	1	SB#4/2-1		1								X		2.4	
10:20	4/24/24	S	1	SB#4/2-2		2								X		5.4	cancel
10:20	4/24/24	S	1	SB#4/2-3		3								X		5.2	cancel
10:20	4/24/24	S	1	SB#4/2-4		4								X		4.9	cancel
10:20	4/24/24	S	1	SB#4/2-5		5								X		4.6	cancel

Additional Instructions: Per V.F cancel samples # 2-5. NS 4-27-26

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

Sampled by: Sham Escojeda

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Sham Escojeda	4/24/24	12:42	Caitlin Mair	4.24.24	12:42
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

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

Lab Use Only

Received on ice: (Y) N

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

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

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

OCD Permitting

[NOTIFY] Notification Of Release (NOR) Application

Submission Information

Submission ID:	551572	**Districts:**	Aztec
Operator:	[289408] LOGOS OPERATING, LLC	**Counties:**	Rio Arriba
Description:	LOGOS OPERATING, LLC [289408] , McCroden West Pipeline , nAPP2603834243		
Status:	Approved		
Status Date:	02/07/2026		
References (0):			

Forms

This application type does not have attachments.

Questions

Location of Release Source

Please answer all the questions in this group.

Site Name	McCroden West Pipeline
Date Release Discovered	02/06/2026
Surface Owner	Private

Incident Details

Please answer all the questions in this group.

Incident Type	Natural Gas Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No

Crude Oil Released (bbls) Details	Cause: Normal Operations | **Unknown** | Crude Oil | Released: 0 BBL (**Unknown** Released Amount) | Recovered: 0 BBL | Lost: 0 BBL.
Produced Water Released (bbls) Details	*Not answered.*
Is the concentration of chloride in the produced water >10,000 mg/l	*Not answered.*
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	Cause: Normal Operations | Pipeline (Any) | Natural Gas Vented | Released: 10 Mcf | Recovered: 0 Mcf | Lost: 10 Mcf.
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there **additional details** for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Line identified by elective flyover and identified a 4" line failure with liquids observed in a 40x45' area. Line was shut in immediately, liquids contained and site secured. Impacted area did no reach or have the potential to reach a watercourse. Surface fee owner notified. release contained and investigation pending.

Nature and Volume of Release (continued)

Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*

Per Paragraph 4 of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

Acknowledgments

- [x] I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
- [x] I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.

I acknowledge the fact that the acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment.

I acknowledge the fact that, in addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Comments

No comments found for this submission.

Conditions

Summary: *vanessaf (2/7/2026),* When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.

Reasons

No reasons found for this submission.

Go Back

From: OCDOnline@emnrd.nm.gov
To: Vanessa Fields
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 572184
Date: Tuesday, April 7, 2026 8:52:52 AM

To whom it may concern (c/o Vanessa Fields for LOGOS OPERATING, LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2603834243.

The sampling event is expected to take place:

When: 04/10/2026 @ 10:00
Where: F-09-25N-03W 0 FNL 0 FEL (36.414103,-107.150464)

Additional Information: Vanessa Fields

Additional Instructions: N/A

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

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**
- **If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.**

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

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

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 583422

QUESTIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 583422
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2603834243**
Incident Name	**NAPP2603834243 MCCRODEN WEST PIPELINE @ F-09-25N-03W**
Incident Type	**Natural Gas Release**
Incident Status	**Remediation Closure Report Received**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	MCCRODEN WEST PIPELINE
Date Release Discovered	02/06/2026
Surface Owner	Private

Incident Details	
Please answer all the questions in this group.	
Incident Type	Natural Gas Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Normal Operations | Unknown | Crude Oil | Released: 0 BBL (Unknown Released Amount) | Recovered: 0 BBL | Lost: 0 BBL.
Produced Water Released (bbls) Details	*Not answered.*
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	Cause: Normal Operations | Pipeline (Any) | Natural Gas Vented | Released: 10 MCF | Recovered: 0 MCF | Lost: 10 MCF.
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Line identified by elective flyover and identified a 4" line failure with liquids observed in a 40x45' area. Line was shut in immediately, liquids contained and site secured. Impacted area did no reach or have the potential to reach a watercourse. Surface fee owner notified. release contained and investigation pending.

Sante Fe Main Office
Phone: (505) 476-3441

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

QUESTIONS (continued)

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 583422
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

I hereby agree and sign off to the above statement	Name: Vanessa Fields Title: Regulatory Manager Email: vfields@logosresourcesllc.com Date: 05/11/2026

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS (continued)

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 583422
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	Estimate or Other
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 100 and 200 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 100 and 200 (ft.)
An occupied permanent residence, school, hospital, institution, or church	Between ½ and 1 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Zero feet, overlying, or within area
Any other fresh water well or spring	Zero feet, overlying, or within area
Incorporated municipal boundaries or a defined municipal fresh water well field	Zero feet, overlying, or within area
A wetland	Between 100 and 200 (ft.)
A subsurface mine	Zero feet, overlying, or within area
An (non-karst) unstable area	Zero feet, overlying, or within area
Categorize the risk of this well / site being in a karst geology	None
A 100-year floodplain	Between 100 and 200 (ft.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	286
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	02/24/2026
On what date will (or did) the final sampling or liner inspection occur	04/24/2026
On what date will (or was) the remediation complete(d)	05/08/2026
What is the estimated surface area (in square feet) that will be reclaimed	1800
What is the estimated volume (in cubic yards) that will be reclaimed	67
What is the estimated surface area (in square feet) that will be remediated	1800
What is the estimated volume (in cubic yards) that will be remediated	67
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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

QUESTIONS (continued)

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 583422
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	fEEM0112336756 ENVIROTECH LANDFARM #2
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	*Not answered.*
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	*Not answered.*
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Vanessa Fields Title: Regulatory Manager Email: vfields@logosresourcesllc.com Date: 05/11/2026
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 583422
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS (continued)

Operator:	OGRID:
LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	289408
	Action Number: 583422
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**577960**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**04/24/2026**
What was the (estimated) number of samples that were to be gathered	**1**
What was the sampling surface area in square feet	**100**

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	**Yes**
Was this release entirely contained within a lined containment area	**No**
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	1800
What was the total volume (cubic yards) remediated	67
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	1800
What was the total volume (in cubic yards) reclaimed	1800
Summarize any additional remediation activities not included by answers (above)	See remediation plan

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: Vanessa Fields Title: Regulatory Manager Email: vfields@logosresourcesllc.com Date: 05/11/2026

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QUESTIONS (continued)

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 583422
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 583422
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Remediation closure is approved.	5/15/2026
michael.buchanan	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. The OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	5/15/2026
michael.buchanan	A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	5/15/2026
michael.buchanan	All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeding activities, inspections, and final pictures when revegetation is achieved.	5/15/2026
michael.buchanan	A revegetation report will not be accepted until revegetation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	5/15/2026
michael.buchanan	Per 19.15.29.13 E. NMAC, if a reclamation and revegetation report has been submitted to the surface owner, it may be used if the requirements of the surface owner provide equal or better protection of freshwater, human health, and the environment. A copy of the approval of the reclamation and revegetation report from the surface owner and a copy of the approved reclamation and revegetation report will need to be submitted to the OCD via the Permitting website.	5/15/2026