

ZZ-1 LINE LEAK

Remediation Summary & Closure Report

NMOCD Incident No. nAPP2422124658
UL "P", Sec. 11, T18S, R27E
32.755311°, -104.241111°
Eddy County, New Mexico

November 12, 2024



PREPARED ON BEHALF OF

DCP Operating Company, LP
139 W US Hwy 62/180
Hobbs, NM 88240



PREPARED BY

Tasman, Inc.
2620 W. Marland Blvd.
Hobbs, NM 88240



November 12, 2024

DCP Operating Company, LP
139 W US Hwy 62/180
Hobbs, NM 88240

Attn: Mr. Ray Smalts
Email: raymond.a.smalts@p66.com

Re: Remediation Summary & Closure Report
ZZ-1 Line Leak
UL "P", Section 11, Township 18 South, Range 27 East
Eddy County, New Mexico
NMOCD Incident No. nAPP2422124658
Tasman Project No. 7981

Dear Mr. Smalts,

Tasman, Inc. (Tasman) is pleased to submit this Remediation Summary and Closure Report for the above referenced site. Site assessment and remediation activities were executed in accordance with the New Mexico Oil Conservation Division (NMOCD) regulations concerning the remediation of releases of produced water to the environment.

Tasman conducted initial assessment activities, identifying an approximately 3,250 square foot area that had been impacted by the release. Heavy equipment was used to remove approximately 1,500 cubic yards of impacted material from the release area. Based on laboratory analytical results from soil samples collected during confirmation sampling activities, impacted soil within the release area has been remediated below the applicable NMOCD Action Levels and in accordance with NMOCD standards. Additional project details are provided in the attached summary report.

Tasman appreciates the opportunity to provide environmental services to DCP Operating Company, LP. Should you have any questions or require additional information, please do not hesitate to contact the undersigned.

Sincerely,
Tasman, Inc.

Brett Dennis
Senior Project Manager
bdennis@tasman-geo.com

Kyle Norman
SW Regional Manager
knorman@tasman-geo.com

TABLE OF CONTENTS

1.0 INTRODUCTION	1
1.1 Site Description	1
1.2 Release Detail and Initial Response	1
2.0 SITE CHARACTERISTICS.....	1
2.1 Depth to Groundwater	1
2.2 Karst Potential & Subsurface Mines	2
2.3 Distance to Nearest Potable Water Well	2
2.4 Distance to Nearest Surface Water	2
2.5 100-year Floodplain	2
2.6 Residence, School, Hospital, or Institution	3
2.7 Proximity to Sensitive Receptors and Site Characteristics Summary	3
3.0 REMEDIATION ACTION LEVELS.....	3
3.1 Reclamation Levels	4
4.0 SOIL SAMPLING PROCEDURES.....	4
4.1 Soil Sampling Procedures for Laboratory Analysis.....	4
4.2 Soil Analytical Methods.....	4
5.0 SUMMARY OF REMEDIAL ACTIVITIES	5
5.1 Release Assessment	5
5.2 Remedial Activities.....	5
5.3 Confirmation Data Evaluation.....	6
6.0 RESTORATION AND RECLAMATION.....	6
7.0 SITE CLOSURE REQUEST	7

Figures

- Figure 1 – Site Location & Groundwater Map
- Figure 2 – Karst Potential & Subsurface Mine Map
- Figure 3 – Surface Water Map
- Figure 4 – FEMA FIRMeTe Map
- Figure 5 – Delineation Overview Map
- Figure 6 – Excavation Overview Map

Tables

- Table 1 – Soil Sample Analytical Summary – Delineation Soil Samples
- Table 2 – Soil Sample Analytical Summary – Confirmation Soil Samples

Appendix A – BLM and NMOCD Notifications

Appendix B – Depth to Groundwater Information

Appendix C – Manifests

Appendix D – Photographic Log

Appendix E – Certified Laboratory Analytical Reports

1.0 INTRODUCTION

Tasman, Inc. (Tasman) is pleased to submit this Remediation Summary and Closure Report for the ZZ-1 Line Leak (site) on behalf of DCP Operating Company, LP (DCP), documenting the results of field activities conducted in response to a release of produced water and natural gas to environmental media.

1.1 Site Description

The site is located in Unit Letter “P” of Section 11, Township 18 South, Range 27 East in Eddy County, New Mexico. The release occurred from the ZZ-1 pipeline. The release occurred on Bureau of Land Management (BLM) property.

1.2 Release Detail and Initial Response

On August 5, 2024, the ZZ-1 pipeline was discovered by DCP personnel to have failed due to corrosion. On August 8, 2024, DCP provided notice of release to the NMOCD portal. The release resulted in the loss of approximately 6 barrels (bbls) of produced water and 79 thousand cubic feet (mcf) of natural gas to the surrounding environmental media. DCP personnel shut in the pipeline to isolate the release. The line was later repaired and returned to service. No produced water or natural gas was recovered.

A copy of the BLM and NMOCD notifications are provided in Appendix A.

2.0 SITE CHARACTERISTICS

2.1 Depth to Groundwater

Tasman reviewed available depth to groundwater information available through the New Mexico Office of the State Engineer (NMOSE) and the United States Geologic Survey (USGS) for registered water wells within a half-mile radius of the site. The nearest well with available groundwater level data is located 14.9 miles northwest of the site, identified as RA03917. Depth to groundwater was measured at 50 feet below ground surface (bgs) in 1958. Tasman extended the search to the next nearest registered well, USGS 324603104155001, located 1.59 miles southeast of the site. Depth to groundwater was measured at 31 feet bgs in 1999.



The Site Location & Groundwater Map included as Figure 1 illustrates the location of the registered water wells within the vicinity of the site, and a summary of depth to groundwater information is provided as Appendix B.

2.2 Karst Potential & Subsurface Mines

Tasman utilized the publicly available karst potential map published by the Bureau of Land Management (BLM) Carlsbad Field Office (CFO) to determine the potential for encountering karst formations beneath the site. Review of the BLM CFO karst potential map indicates that the site is located in an area of high potential to encounter karstic features.

Tasman utilized the USGS Mineral Resources database to determine that there are no subsurface mines beneath or in the vicinity of the site.

Areas of high/critical karst and subsurface mine locations are illustrated on Figure 2.

2.3 Distance to Nearest Potable Water Well

The nearest potable water well is the well gauged on August 6, 1958, that is assumed to be RA 03917. The well is located 1.49 miles from the site. The location of RA 03917 is shown on the attached Figure 1.

2.4 Distance to Nearest Surface Water

Tasman reviewed aerial imagery and the National Wetland Inventory Map, published by the U.S. Fish and Wildlife Service, for wetlands and surface water in the vicinity of the site. The nearest significant surface water was identified as Kaiser Lake, located 4.09 miles from the site. The nearest wetlands, a freshwater pond and a freshwater emergent wetland, is 1.03 miles from the site. The location of the nearest surface water body can be seen on Figures 1 and 3.

2.5 100-year Floodplain

Review of flood map data published by the Federal Emergency Management Agency (FEMA) indicates the site is not located within a 100-year floodplain. A copy of the FEMA FIRMeMap can be found attached as Figure 4.

2.6 Residence, School, Hospital, or Institution

Review of aerial imagery did not show that the site is within 300 feet of an occupied permanent residence, school, hospital, or institution.

2.7 Proximity to Sensitive Receptors and Site Characteristics Summary

The table below denotes if the site is located within the minimum allowable distance from a sensitive receptor, as defined in New Mexico Administrative Code (NMAC) 19.15.29.

Site Characteristics Summary		
Approximate depth to groundwater:	50 ft bgs	
Within an area of high karst potential?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Within 300 ft. of any continuously flowing of significant watercourse?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Within 200 ft. of any lakebed, sinkhole, or playa lake?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Within 300 ft. of an occupied permanent residence, school, hospital, or institution?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Within 500 ft. of a spring or private, domestic fresh water well?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Within 1,000 ft. of any fresh water well?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Within the incorporated municipal boundaries or within a municipal well field?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Within 300 ft. of a wetland?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Within the area overlying a subsurface mine?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Within an unstable area?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Within a 100-year floodplain?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

3.0 REMEDIATION ACTION LEVELS

NMOCD assessment and cleanup levels for hydrocarbon and produced water releases are based on depth to groundwater and proximity to sensitive receptors as established in NMAC 19.15.29. Based on the site characteristics provided in Section 2.0, Action Levels for a site with a depth to groundwater of less than 50 feet were utilized; these Action Levels are as follows:

Constituent	Remediation Action Level
Chloride	600 mg/kg
TPH (GRO+DRO+MRO)	100 mg/kg
TPH (GRO+DRO)	N/A
BTEX	50 mg/kg
Benzene	10 mg/kg

TPH – total petroleum hydrocarbons

DRO – diesel range organics

BTEX – benzene, toluene, ethylbenzene, total xylenes

GRO – gasoline range organics

MRO – motor/lube oil range organics

mg/kg – milligrams per kilogram

3.1 Reclamation Levels

NMAC 19.15.29.13(D) codifies, and the *Procedures for Implementation of the Spill Rule*, dated September 6, 2019, clarifies that the top four feet of the remediated area should be non-waste containing. Therefore, the NMOCD Reclamation Standards are applied to the top four feet of any area impacted by a release that is not located within an active production facility. NMOCD Reclamation Standards are as follows:

Constituent	Reclamation Standard
Chloride	600 mg/kg
TPH (GRO+DRO+MRO)	100 mg/kg
BTEX	50 mg/kg
Benzene	10 mg/kg

4.0 SOIL SAMPLING PROCEDURES

4.1 Soil Sampling Procedures for Laboratory Analysis

The collection of soil samples for laboratory analysis was conducted in accordance with NMOCD criteria and generally approved industry standards. Collected soil samples were placed in laboratory provided containers, properly labeled, and preserved on ice pending delivery under a chain of custody form to Cardinal Laboratory in Hobbs, New Mexico.

4.2 Soil Analytical Methods

Each soil sample was analyzed using Environmental Protection Agency (EPA) methods or other NMOCD-approved methods. Laboratory analytical methods are as follows:

- Chloride – EPA Method SM4500.
- Total Petroleum Hydrocarbons (TPH) – gasoline, diesel, and motor/lube oil range organics (GRO+DRO+MRO) – EPA Method 8015M Extended.
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX) – EPA Method 8021B.

5.0 SUMMARY OF REMEDIAL ACTIVITIES

5.1 Release Assessment

On August 9, 2024, Tasman mobilized to the site to collect delineation soil samples by installation of hand augers (HA). Nine hand augers (HA-1 through HA-9) were installed at depths ranging from 1 ft bgs to 5 ft bgs.

Detected concentrations of benzene did exceed applicable NMOCD Action Levels in sample HA-7 at the surface, yielding a result of 44.5 milligrams per kilogram (mg/kg). The remaining soil samples were below Action Levels, resulting in concentrations between 0.069 mg/kg to 0.325 mg/kg.

Detected concentrations of total BTEX did exceed applicable NMOCD Action Levels in sample HA-7 at the surface, yielding a result of 620 mg/kg. The remaining soil samples were below Action Levels, resulting in concentrations ranging from 0.479 mg/kg to 3.66 mg/kg.

Detected concentrations of total TPH exceeded applicable NMOCD Action Levels in samples HA-5 and HA-7 at the surface, yielding results of 804 mg/kg and 46,620 mg/kg, respectively. The remaining soil samples were below Action Levels, resulting in concentrations between 11.1 mg/kg to 17.3 mg/kg.

Detected concentrations of total TPH did exceed applicable NMOCD Action Levels in samples HA-5 and HA-7 at the surface, yielding results of 1,310 mg/kg and 6,800 mg/kg, respectively. The remaining soil samples were below Action Levels, resulting in concentrations between 16.0 mg/kg to 80.0 mg/kg.

A summary of soil analytical results is provided as Table 1 and certified laboratory analytical reports are provided in Appendix E. The attached Figure 5 illustrates excavation extents and confirmation sample locations.

5.2 Remedial Activities

From August 21 to September 11, 2024, Tasman utilized heavy equipment to excavate impacted soil from within the release margins. Excavated material was stockpiled on-site atop a polyethylene liner pending transportation to an NMOCD approved disposal facility.

The remedial final excavations measured approximately 50 feet long by 65 feet wide by 18 feet bgs. A total of 3,980 cubic yards of excavated material was exported to Lea Land, LLC Landfill.

Copies of solid manifests are provided as Appendix C and a photographic log is provided as Appendix D.

5.3 Confirmation Data Evaluation

On September 6, 2024, Tasman provided a 48-hour mobilization notice to the NMOCD Portal (Appendix A). On September 11, 2024, Tasman mobilized to the site to collect confirmation soil samples from the base and sidewalls of the remedial excavation. Sixteen confirmation soil samples were collected from the base of the excavation and twenty confirmation soil samples were collected from the sidewalls of the excavation. Each confirmation soil sample was collected as a five-point composite representing approximately 200 square feet (ft²) or less of excavation base or sidewall area.

Detected concentrations of total TPH did not exceed applicable NMOCD Action Levels in each of the confirmation soil samples, with only one sample yielding a result of 10.2 milligrams per kilogram (mg/kg).

Concentrations of chlorides did not exceed applicable NMOCD Action Levels throughout, ranging from 16.0 mg/kg to 80.0 mg/kg.

Benzene and total BTEX were not detected above the laboratory detection limit in each of the collected confirmation soil samples.

A summary of soil analytical results is provided as Table 2 and certified laboratory analytical reports are provided in Appendix E. The attached Figure 6 illustrates excavation extents and confirmation sample locations.

6.0 RESTORATION AND RECLAMATION

Areas affected by the release and associated remediation activities were backfilled with non-waste containing “like” material and contoured to the surrounding topography. The surface owner will be contacted on their preference of native seed mix. Prior to seed application, the disturbed soil will be prepped using a disced plow or like. The seed mix will then be broadcast at a rate two times the suggested amount to ensure the greatest likelihood for sufficient germination. The seed will be “set” using mechanical means (e.g., screen or disc harrow) following the seeding event.

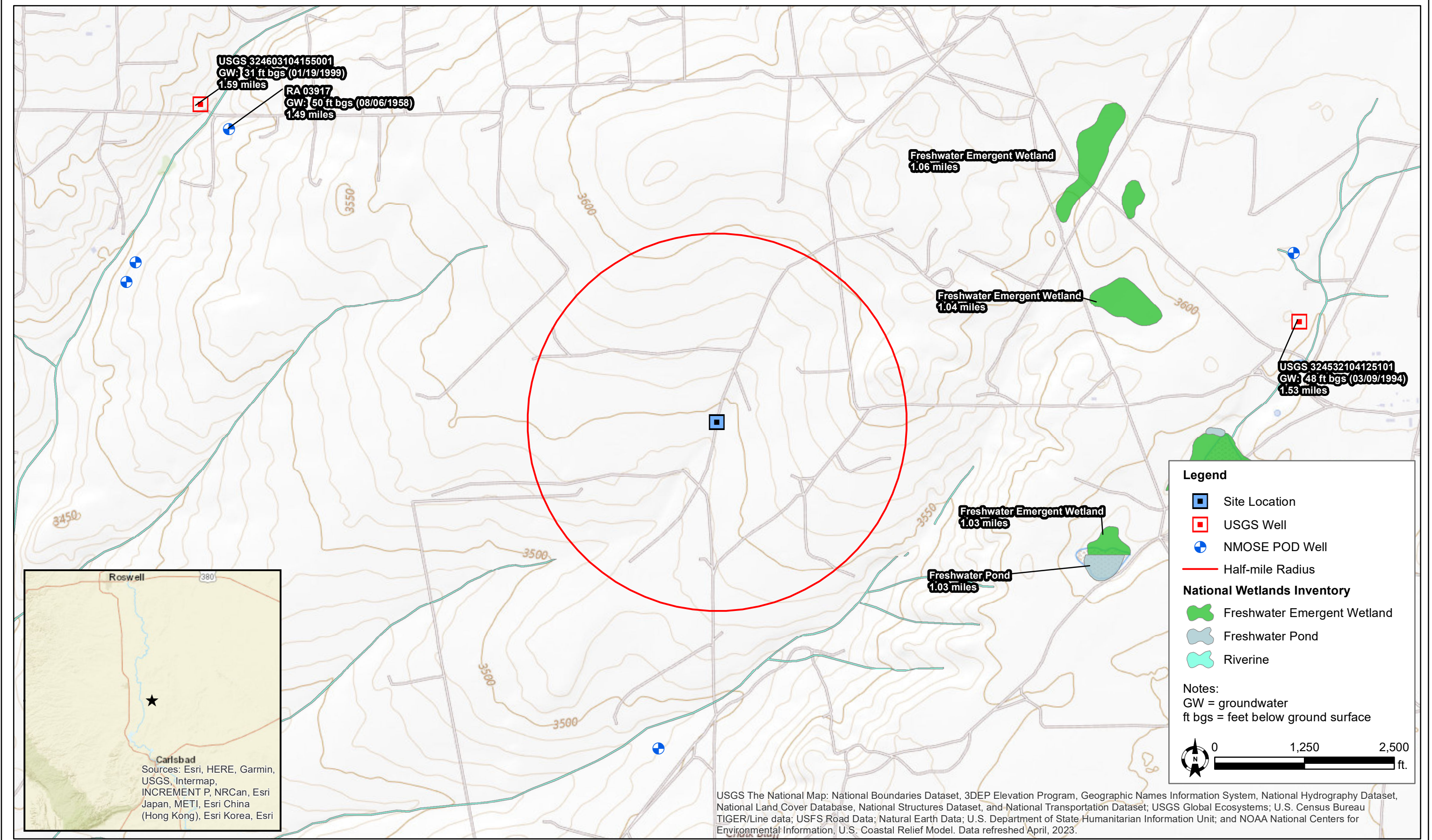
ZZ-1 Line Leak – nAPP2422124658
Remediation Summary and Closure Report




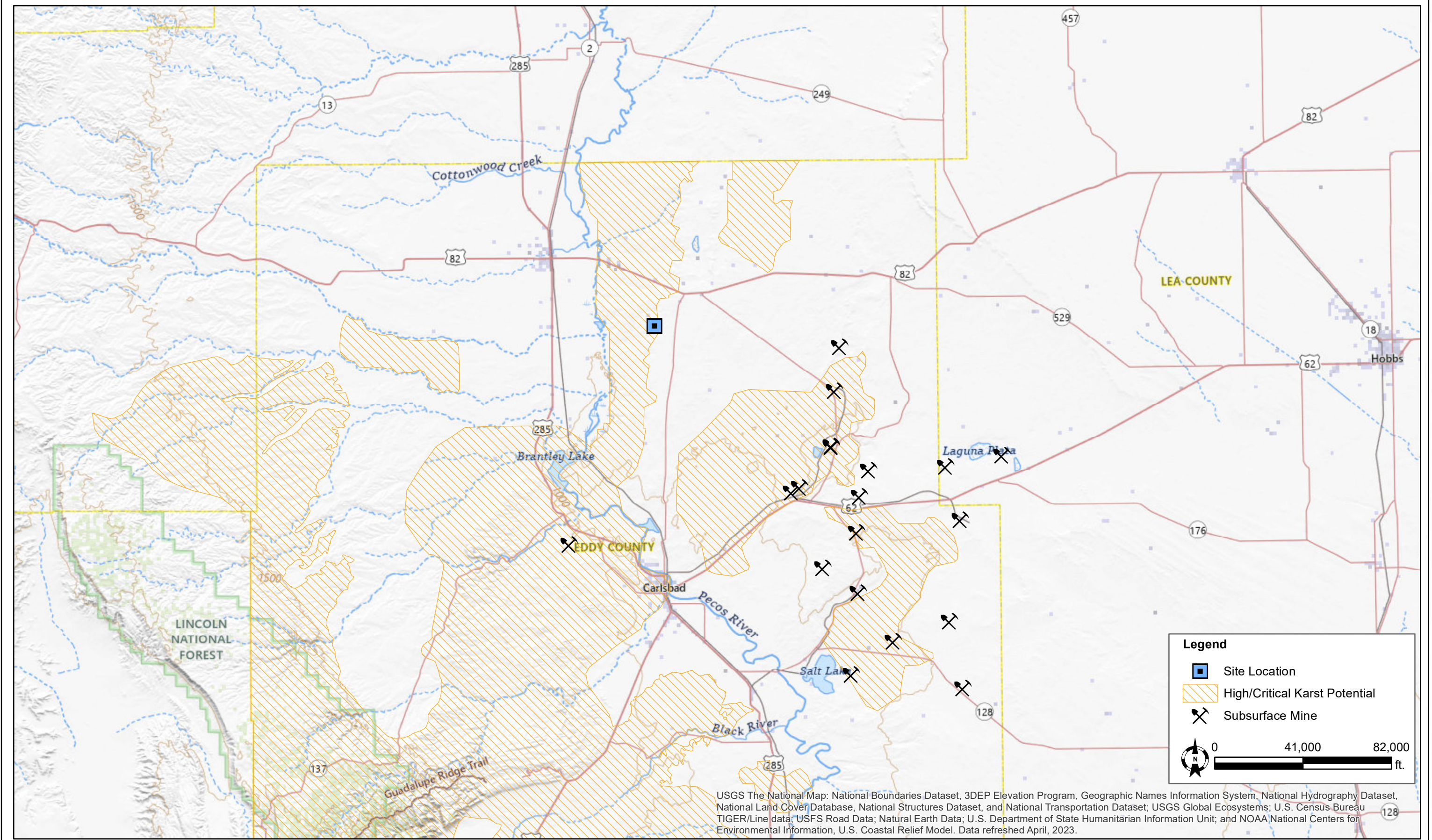
7.0 SITE CLOSURE REQUEST

Based on laboratory analytical results from soil samples collected during the confirmation sampling events, impacted soil within the release area has been remediated below the applicable NMOCD Action Levels in accordance with NMAC 19.15.29. As such, Tasman, on behalf of DCP, respectfully requests that the site be granted closure.

Figures



<div>DATE: August 2024</div> <div>DESIGNED BY: L. Flores</div> <div>DRAWN BY: L. Flores</div>	<div><div>Tasman, Inc. 6855 W. 119th Ave Broomfield, CO 80020</div></div>	<div>DCP Operating Company, LP</div> <div>ZZ-1 Line Leak - nAPP2422124658</div> <div>UL "P", Sec. 11, T18S, R27E</div> <div>Eddy County, New Mexico</div>	<div>Site Location & Groundwater</div> <div>Map</div>	<div>Figure</div> <div>1</div>
---	--	---	---	--------------------------------



DATE:	August 2024
DESIGNED BY:	L. Flores
DRAWN BY:	L. Flores



Tasman, Inc.
6855 W. 119th Ave
Broomfield, CO 80020

DCP Operating Company, LP
ZZ-1 Line Leak - nAPP2422124658
UL "P", Sec. 11, T18S, R27E
Eddy County, New Mexico

Karst Potential & Subsurface
Mine Map

Figure
2



Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

DATE:	August 2024
DESIGNED BY:	L. Flores
DRAWN BY:	L. Flores

**TASMAN**

Tasman, Inc.
6855 W. 119th Ave
Broomfield, CO 80020

DCP Operating Company, LP
ZZ-1 Line Leak - nAPP2422124658
UL “P”, Sec. 11, T18S, R27E
Eddy County, New Mexico

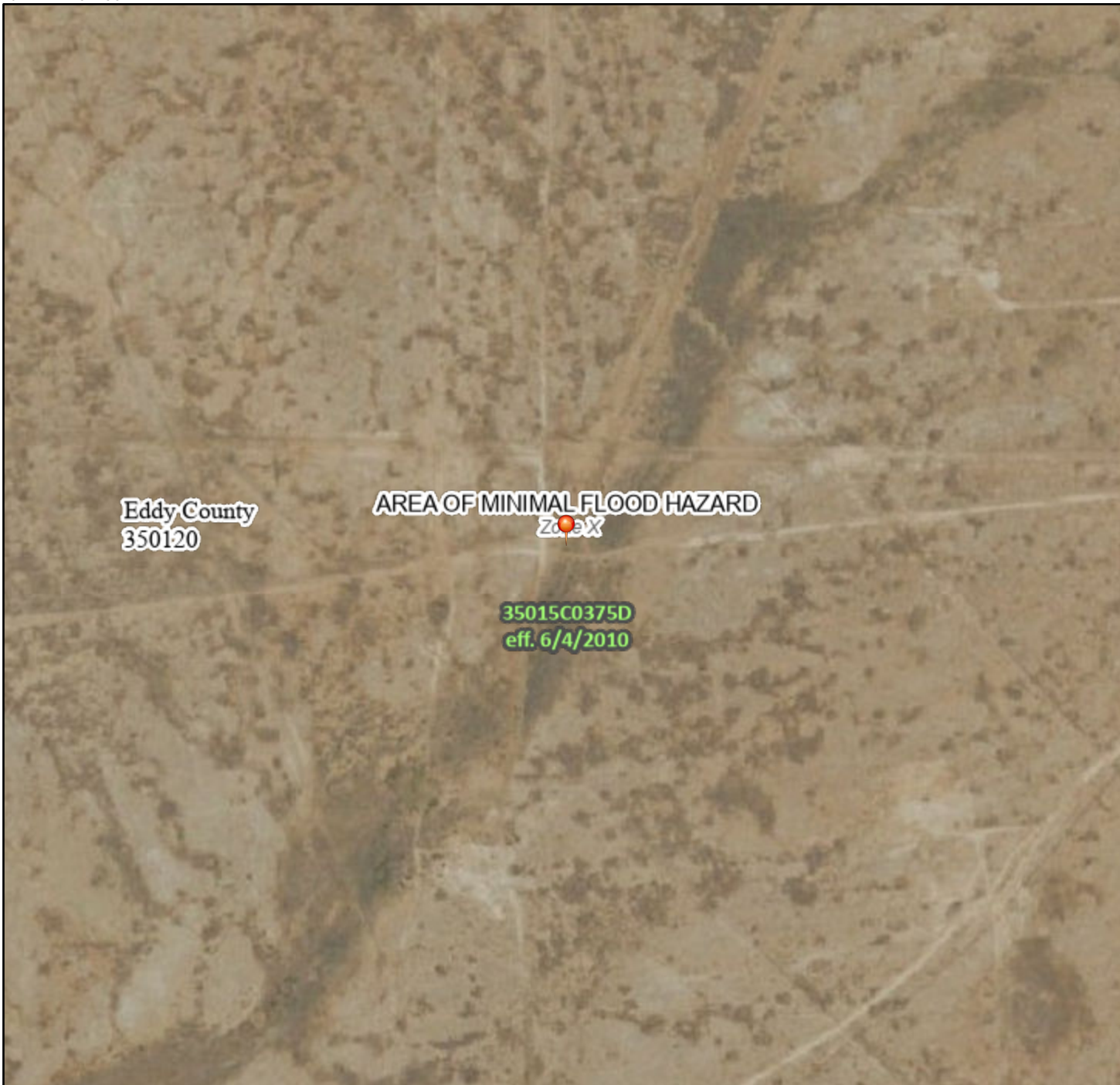
Surface Water Map

Figure
3

National Flood Hazard Layer FIRMMette



104°14'47"W 32°45'34"N



0 250 500 1,000 1,500 2,000 Feet

1:6,000

104°14'9"W 32°45'4"N
























Released to Imaging: 11/20/2024 10:59:03 AM

Basemap Imagery Source: USGS National Map 2023

Legend

Figure 4

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 Water Surface Elevation
		17.5 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



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 8/19/2024 at 4:10 PM 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.



DATE:	August 2024
DESIGNED BY:	O. Primero
DRAWN BY:	L. Flores



Tasman, Inc.
6855 W. 119th Ave
Broomfield, CO 80020

DCP Operating Company, LP
ZZ-1 Line Leak - nAPP2422124658
UL “P”, Sec. 11, T18S, R27E
Eddy County, New Mexico

Delineation Overview Map

Figure
5



DATE:	August 2024
DESIGNED BY:	O. Primero
DRAWN BY:	L. Flores



Tasman, Inc.
6855 W. 119th Ave
Broomfield, CO 80020

DCP Operating Company, LP
ZZ-1 Line Leak - nAPP2422124658
UL “P”, Sec. 11, T18S, R27E
Eddy County, New Mexico

Excavation Overview Map

Figure
6

Table

TABLE 1
SOIL ANALYTICAL SUMMARY - DELINEATION SOIL SAMPLES
DCP Operating Company, LP
ZZ-1 Line Leak - nAPP2422124658

Sample ID	Sample Depth (bgs)	Sample Date	Soil Status	PID (ppm)	Field Chloride (mg/kg)	Benzene (mg/kg)	Total BTEX ¹ (mg/kg)	TPH ² (mg/kg)				Chloride ³ (mg/kg)
								GRO	DRO	MRO	TOTAL	
HA-1*	Surface - 6"	8/9/2024	In-Situ	23.8	86	---	---	---	---	---	---	---
	1'		In-Situ	17	143	<0.050	<0.300	<10.0	11.1	<10.0	11.1	48.0
	2'		In-Situ	0.8	140	---	---	---	---	---	---	---
	3'		In-Situ	0.5	120	---	---	---	---	---	---	---
	4'		In-Situ	0.3	179	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
HA-2*	Surface - 6"	8/9/2024	In-Situ	8.6	148	---	---	---	---	---	---	---
	1'		In-Situ	2.1	144	---	---	---	---	---	---	---
	2'		In-Situ	0.1	1140	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
	3'		In-Situ	0.1	85	---	---	---	---	---	---	---
	4'		In-Situ	0	150	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
HA-3*	Surface - 6"	8/9/2024	In-Situ	2.7	58	---	---	---	---	---	---	---
	1'		In-Situ	0	141	---	---	---	---	---	---	---
	2'		In-Situ	0	147	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
	3'		In-Situ	0	117	---	---	---	---	---	---	---
	4'		In-Situ	0	115	0.091	0.479	<10.0	<10.0	<10.0	<10.0	48.0
HA-4*	Surface - 6"	8/9/2024	In-Situ	2.2	393	---	---	---	---	---	---	---
	1'		In-Situ	0.3	413	---	---	---	---	---	---	---
	2'		In-Situ	0.7	142	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
	3'		In-Situ	0.1	149	---	---	---	---	---	---	---
	4'		In-Situ	0.7	118	---	---	---	---	---	---	---
	5'		In-Situ	0	178	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
HA-5*	Surface - 6"	8/9/2024	In-Situ	20.3	1981	<0.050	<0.300	<10.0	677	127	804	1,310
	1'		In-Situ	10.8	584	---	---	---	---	---	---	---
	2'		In-Situ	4.5	232	---	---	---	---	---	---	---
	3'		In-Situ	4.0	167	---	---	---	---	---	---	---
	4'		In-Situ	3.0	179	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
HA-6*	Surface - 6"	8/9/2024	In-Situ	41	118	0.325	3.66	21.7	17.2	<10.0	38.9	16.0
	1'		In-Situ	23	117	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
HA-7*	Surface - 6"	8/9/2024	In-Situ	459	265	44.5	620	14,900	28,700	3,020	46,620	6,800
	1'		In-Situ	309	180	---	---	---	---	---	---	---
	2'		In-Situ	19.8	177	---	---	---	---	---	---	---
	3'		In-Situ	9.6	86	<0.050	<0.300	<10.0	17.3	<10.0	17.3	48.0
HA-8*	Surface - 6"	8/9/2024	In-Situ	3.2	89	---	---	---	---	---	---	---
	1'		In-Situ	2.8	111	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
	2'		In-Situ	0.6	88	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
HA-9*	Surface - 6"	8/9/2024	In-Situ	3.4	89	0.069	0.622	<10.0	<10.0	<10.0	<10.0	16.0
	1'		In-Situ	0	90	---	---	---	---	---	---	---
	2'		In-Situ	0	115	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
NMOCD Action Levels ⁴				N/A	N/A	10	50	N/A			100	600

Notes:

1. BTEX = Benzene, toluene, ethylbenzene, and total xylenes by EPA method 8021B
2. TPH = Total petroleum hydrocarbons analyzed by method EPA 8015M (GRO/DRO/MRO)
3. Chloride - Analyzed by EPA method SM4500
4. New Mexico Oil Conservation Division (NMOCD) Remediation and Delineation Standards (NMAC 19.15.29.12(N))

* = Denotes discrete/grab sample. All other samples are five-point composites

N/A = Not applicable

Bold values denote concentrations above laboratory RDL

Red values denote concentrations above NMOCD Action Levels

BGS = Below ground surface

GRO = Gasoline range organics

DRO = Diesel range organics

MRO = Motor/lube oil range organics

PID = Photoionization detector

--- = Sample was not analyzed for this analyte

<RDL = The analyte was not detected above the laboratory reported detection limit (RDL)

TABLE 2
SOIL ANALYTICAL SUMMARY - CONFIRMATION SOIL SAMPLES
DCP Operating Company, LP
ZZ-1 Line Leak - nAPP2422124658

Sample ID	Sample Depth (bgs)	Sample Date	Soil Status	PID (ppm)	Field Chloride (mg/kg)	Benzene (mg/kg)	Total BTEX ¹ (mg/kg)	TPH ² (mg/kg)				Chloride ³ (mg/kg)
								GRO	DRO	MRO	TOTAL	
FL-1	18'	9/11/2024	In-Situ	0.7	90	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FL-2	18'	9/11/2024	In-Situ	0.8	148	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
FL-3	18'	9/11/2024	In-Situ	0.5	89	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FL-4	18'	9/11/2024	In-Situ	1.5	181	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FL-5	18'	9/11/2024	In-Situ	1.8	87	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FL-6	18'	9/11/2024	In-Situ	0.9	117	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
FL-7	18'	9/11/2024	In-Situ	2.4	150	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FL-8	18'	9/11/2024	In-Situ	2.1	150	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
FL-9	18'	9/11/2024	In-Situ	3.2	150	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
FL-10	18'	9/11/2024	In-Situ	4.1	90	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FL-11	18'	9/11/2024	In-Situ	3.7	88	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
FL-12	18'	9/11/2024	In-Situ	3.7	88	<0.050	<0.300	<10.0	10.2	<10.0	10.2	32.0
FL-13	18'	9/11/2024	In-Situ	3.1	176	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
FL-14	18'	9/11/2024	In-Situ	3.1	147	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FL-15	18'	9/11/2024	In-Situ	3.1	145	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
FL-16	18'	9/11/2024	In-Situ	0.8	148	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
W-1	---	9/11/2024	In-Situ	0.3	118	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
W-2	---	9/11/2024	In-Situ	0.5	200	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
W-3	---	9/11/2024	In-Situ	2.0	143	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
W-4	---	9/11/2024	In-Situ	0.7	85	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
W-5	---	9/11/2024	In-Situ	1.0	148	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
W-6	---	9/11/2024	In-Situ	0.3	117	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
W-7	---	9/11/2024	In-Situ	0.6	142	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
W-8	---	9/11/2024	In-Situ	2.0	90	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
W-9	---	9/11/2024	In-Situ	2.0	171	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
W-10	---	9/11/2024	In-Situ	0.9	116	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
W-11	---	9/11/2024	In-Situ	1.0	174	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
W-12	---	9/11/2024	In-Situ	2.1	141	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
W-13	---	9/11/2024	In-Situ	0.8	149	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
W-14	---	9/11/2024	In-Situ	0.3	88	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
W-15	---	9/11/2024	In-Situ	1.5	150	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
W-16	---	9/11/2024	In-Situ	5.7	87	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
W-17	---	9/11/2024	In-Situ	4.3	179	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
W-18	---	9/11/2024	In-Situ	3.1	147	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
W-19	---	9/11/2024	In-Situ	3.1	145	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
W-20	---	9/11/2024	In-Situ	3.5	146	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
NMOCD Action Levels ⁴				N/A	N/A	10	50	N/A			100	600

Notes:

1. BTEX = Benzene, toluene, ethylbenzene, and total xylenes by EPA method 8021B

2. TPH = Total petroleum hydrocarbons analyzed by method EPA 8015M (GRO/DRO/MRO)

3. Chloride - Analyzed by EPA method SM4500

4. New Mexico Oil Conservation Division (NMOCD) Remediation and Delineation Standards (NMAC 19.15.29.12(N))

* = Denotes discrete/grab sample. All other samples are five-point composites

N/A = Not applicable

Bold values denote concentrations above laboratory RDL

Red values denote concentrations above NMOCD Action Levels

BGS = Below ground surface

GRO = Gasoline range organics

DRO = Diesel range organics

MRO = Motor/lube oil range organics

PID = Photoionization detector

--- = Sample was not analyzed for this analyte

<RDL = The analyte was not detected above the laboratory reported detection limit (RDL)

Appendix A – BLM and NMOCD Correspondence

From: [Kyle Norman](#)
To: [Taylor, Shelly J](#); [BLM_NM_CFO_Realty_spill@BLM.gov](#)
Cc: [Smalts, Raymond A](#); [Case, Nicholas L](#); [Daly, Stacey](#); [Hyman, Albert L](#); [Brett Dennis](#); [Laura Flores](#)
Subject: BLM Notification_7981_ZZ-1 Line Leak (8.5.24)_nAPP2422124658
Date: Thursday, August 8, 2024 7:26:22 AM
Attachments: [ZZ-1 Line Leak \(8.5.24\) - Release Areas.kmz](#)
[image001.png](#)
[ZZ-1 Line Leak_2024-08-06_08-57-30.jpg](#)
[ZZ-1 Line Leak_2024-08-06_08-57-07.jpg](#)

Ms. Taylor,

Please see attached kmz file and photos on the ZZ-1 Line Leak and the information below.

GPS Data 32.755311, -104.241111

Date of Discovery: 8/5/2024

Produced Water released: 6 bbls

Recovered: 0 bbls

MCF release: 78.92 mcf

Release area: 1,676 sq. ft.

Overspray area: 7,690 sq. ft.

Please let me know if you have any questions or need anything from me.

Regards,

Kyle Norman

SW Regional Manager

Tasman, Inc.

C: 575-318-5017

knorman@tasman-geo.com

www.tasman-geo.com



Celebrating 15 Years!

OCD Permitting

Home Operator Data Action Status Action Search Results Action Status Item Details

[NOTIFY] Notification Of Release (NOR) Application

Submission Information

Submission ID:	371692	Districts:	Artesia
Operator:	[36785] DCP OPERATING COMPANY, LP	Counties:	Eddy
Description:	DCP OPERATING COMPANY, LP [36785] , ZZ-1 Pipeline , nAPP2422124658		
Status:	APPROVED		
Status Date:	08/08/2024		
References (1):	nAPP2422124658		

Forms

This application type does not have attachments.

Questions

Location of Release Source

Please answer all the questions in this group.

Site Name	ZZ-1 Pipeline
Date Release Discovered	08/05/2024
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Corrosion Pipeline (Any) Produced Water Released: 6 BBL Recovered: 0 BBL Lost: 6 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Cause: Corrosion Pipeline (Any) Natural Gas Vented Released: 79 Mcf Recovered: 0 Mcf Lost: 79 Mcf.

Nature and Volume of Release (continued)

Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a “gas only” report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.

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

Initial Response

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

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

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

- ☒ I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
- ☒ 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 that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
- ☒ 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.
- ☒ 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: knorman (8/8/2024), 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.

OCD Permitting

Home Operator Data Action Status Action Search Results Action Status Item Details

[C-141] Initial C-141 (C-141-V-INITIAL) Application

Submission Information

Submission ID:	371708	Districts:	Artesia
Operator:	[36785] DCP OPERATING COMPANY, LP	Counties:	Eddy
Description:	DCP OPERATING COMPANY, LP [36785] , ZZ-1 Pipeline , nAPP2422124658		
Status:	APPROVED		
Status Date:	08/08/2024		
References (1):	nAPP2422124658		

Forms

Attachments:	Volume Calculation
--------------	------------------------------------

Questions

Prerequisites

Incident ID (n#)	nAPP2422124658
Incident Name	NAPP2422124658 ZZ-1 PIPELINE @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Received

Location of Release Source

Please answer all the questions in this group.

Site Name	ZZ-1 Pipeline
Date Release Discovered	08/05/2024
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

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

Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

Nature and Volume of Release (continued)

Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a “gas only” report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.

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

Initial Response

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

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

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure on 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 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 operator 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 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: Ray Smalts Title: Sr Environmental Eng/Spec Email: raymond.a.smalts@p66.com Date: 08/08/2024
--	---

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)	Not answered.
What method was used to determine the depth to ground water	Not answered.
Did this release impact groundwater or surface water	Not answered.

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	Not answered.
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Not answered.
An occupied permanent residence, school, hospital, institution, or church	Not answered.
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Not answered.
Any other fresh water well or spring	Not answered.
Incorporated municipal boundaries or a defined municipal fresh water well field	Not answered.
A wetland	Not answered.
A subsurface mine	Not answered.
An (non-karst) unstable area	Not answered.

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 No

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 then it should consult with the division to determine if another remediation plan submission is required.

Acknowledgments

This submission type does not have acknowledgments, at this time.

Comments

No comments found for this submission.

Conditions

Summary: scwells (8/8/2024), None

Reasons

No reasons found for this submission.

Go Back

OCD Permitting

Home Operator Data Action Status Action Search Results Action Status Item Details

[NOTIFY] Notification Of Sampling (C-141N) Application

Submission Information

Submission ID:	381440	Districts:	Artesia
Operator:	[36785] DCP OPERATING COMPANY, LP	Counties:	Eddy
Description:	DCP OPERATING COMPANY, LP [36785] , ZZ-1 Pipeline , nAPP2422124658		
Status:	APPROVED		
Status Date:	09/06/2024		
References (1):	nAPP2422124658		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2422124658
Incident Name	NAPP2422124658 ZZ-1 PIPELINE @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source

Site Name	ZZ-1 Pipeline
Date Release Discovered	08/05/2024
Surface Owner	Federal

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	7,200
What is the estimated number of samples that will be gathered	36
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/11/2024
Time sampling will commence	08:30 AM
Warning: Notification can not be less than two business days prior to conducting final sampling.	
Please provide any information necessary for observers to contact samplers	Kyle Norman - 575 318 5017
Please provide any information necessary for navigation to sampling site	32.75522, -104.24114

Comments

No comments found for this submission.

Conditions

Summary: *knorman (9/6/2024)*, 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.

Reasons

No reasons found for this submission.


Go Back

Appendix B – Depth to Groundwater Information

Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
	RA 03917	SE	NW	NE	10	18S	27E	569019.0	3625660.0 *	

* UTM location was derived from PLSS - see Help

Driller License:	111	Driller Company:	BURKE, EDWARD B.	
Driller Name:				
Drill Start Date:	1958-07-31	Drill Finish Date:	1958-07-31	Plug Date:
Log File Date:	1958-08-06	PCW Rcv Date:		Source: Artesian
Pump Type:		Pipe Discharge Size:		Estimated Yield:
Casing Size:		Depth Well:	130	Depth Water: 50

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



[USGS Home](#)
[Contact USGS](#)
[Search USGS](#)

National Water Information System: Web Interface

USGS Water Resources

Data Category:
Groundwater

Geographic Area:
United States

GO

Click to hideNews Bulletins

- Explore the *NEW* [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.

Groundwater levels for the Nation

i Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 324603104155001

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 324603104155001 18S.27E.10.213223

Eddy County, New Mexico
Latitude 32°46'03", Longitude 104°15'50" NAD27
Land-surface elevation 3,479 feet above NAVD88
The depth of the well is 130 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Artesia Group (313ARTS) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

8/19/24, 2:37 PM

USGS Groundwater for USA: Water Levels -- 1 sites

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1961-12-28			D 62610		3430.16	NGVD29	1		Z		A
1961-12-28			D 62611		3431.72	NAVD88	1		Z		A
1961-12-28			D 72019	47.28			1		Z		A
1962-01-04			D 62610		3430.13	NGVD29	1		Z		A
1962-01-04			D 62611		3431.69	NAVD88	1		Z		A
1962-01-04			D 72019	47.31			1		Z		A
1963-01-07			D 62610		3428.69	NGVD29	1		Z		A
1963-01-07			D 62611		3430.25	NAVD88	1		Z		A
1963-01-07			D 72019	48.75			1		Z		A
1963-07-23			D 62610		3429.23	NGVD29	1		Z		A
1963-07-23			D 62611		3430.79	NAVD88	1		Z		A
1963-07-23			D 72019	48.21			1		Z		A
1963-08-30			D 62610		3429.16	NGVD29	1		Z		A
1963-08-30			D 62611		3430.72	NAVD88	1		Z		A
1963-08-30			D 72019	48.28			1		Z		A
1963-09-04			D 62610		3431.85	NGVD29	1		Z		A
1963-09-04			D 62611		3433.41	NAVD88	1		Z		A
1963-09-04			D 72019	45.59			1		Z		A
1963-10-01			D 62610		3431.71	NGVD29	1		Z		A
1963-10-01			D 62611		3433.27	NAVD88	1		Z		A
1963-10-01			D 72019	45.73			1		Z		A
1963-11-22			D 62610		3431.28	NGVD29	1		Z		A
1963-11-22			D 62611		3432.84	NAVD88	1		Z		A
1963-11-22			D 72019	46.16			1		Z		A
1964-01-09			D 62610		3430.52	NGVD29	1		Z		A
1964-01-09			D 62611		3432.08	NAVD88	1		Z		A
1964-01-09			D 72019	46.92			1		Z		A
1966-01-24			D 62610		3436.15	NGVD29	1		Z		A
1966-01-24			D 62611		3437.71	NAVD88	1		Z		A
1966-01-24			D 72019	41.29			1		Z		A

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1984-02-09			D	62610	3455.28	NGVD29	1	Z			A
1984-02-09			D	62611	3456.84	NAVD88	1	Z			A
1984-02-09			D	72019	22.16		1	Z			A
1984-03-01			D	62610	3456.08	NGVD29	1	Z			A
1984-03-01			D	62611	3457.64	NAVD88	1	Z			A
1984-03-01			D	72019	21.36		1	Z			A
1989-02-02			D	62610	3458.03	NGVD29	1	Z			A
1989-02-02			D	62611	3459.59	NAVD88	1	Z			A
1989-02-02			D	72019	19.41		1	Z			A
1994-02-24			D	62610	3444.77	NGVD29	1	S			A
1994-02-24			D	62611	3446.33	NAVD88	1	S			A
1994-02-24			D	72019	32.67		1	S			A
1999-01-19			D	62610	3445.71	NGVD29	1	S	USGS	S	A
1999-01-19			D	62611	3447.27	NAVD88	1	S	USGS	S	A
1999-01-19			D	72019	31.73		1	S	USGS	S	A

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey

Section	Code	Description
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

- Questions or Comments
- Help
- Data Tips
- Explanation of terms
- Subscribe for system changes

[Accessibility](#) [FOIA](#) [Privacy](#) [Policies and Notices](#)

[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

Title: Groundwater for USA: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>



Page Contact Information: [USGS Water Data Support Team](#)
Page Last Modified: 2024-08-19 16:37:05 EDT
0.32 0.23 nadww01

Appendix C – Manifests

RC Code: F-210
 Project:
 Line: 7981 22-1 line leak
 PO#: _____



WASTE MANIFEST

Shipping Point Line Number: <u>7981 22-1</u> <u>Line Leak</u>	Ship to Location: <u>Lea Land</u>
	Shipping Date: <u>8/26/24</u>

Quantity	Size	Description of Waste	Weight or Volume
<u>3</u>	<u>12</u>	Contaminated Soil	<u>36 yds</u>

Shipping Instructions: Please use PO# _____ Company Man Lynn Hyman

This is to certify that the above named materials are properly classified, described, packaged and are in proper condition for transportation and disposal to the applicable regulations.

Company Name	Print Name and Contact information	Signature required	Date:
Generator: DCP Midstream	Employee: Janice Hyman 1625 W Marland Hobbs, NM. 575-397-5560	Employee: <i>Janice Hyman</i>	Date:
Transporter: <u>01</u> <u>ALL TERRAIN</u>	Driver: <u>Gabby</u>	Driver: <u>Gabby</u>	Date: <u>8/26/24</u>
Contact information: Kyle Norman	Phone: 575-318-5017	Phone:	
Receiver: <u>M. Sanchez</u>	Representative:	Representative:	Date: <u>8/26/24</u>

Initials: _____ Date Returned: ____/____/2020

Please Return Copy of Completed Form and Disposal Ticket to: DCP Midstream

FILE: 4.1.5

**LEA LAND, LLC SURFACE WASTE LANDFILL**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

NON-HAZARDOUS WASTE MANIFEST		No. 207390	Trailer No. ALL TERRAIN 01		
GENERATOR	Company Name: DCP Midstream Phone: (432) 413-3601		Address: 10 Desta Dr., #400W Midland, TX 79705		Disposal Date: 08-26-2024 10:16 AM
	Name Or Description Of Waste Shipped: <input checked="" type="checkbox"/> RCRA Exempt <input type="checkbox"/> RCRA Non-Exempt				
	Weight (lbs): 25620, 26480, 27040,				
	Lease/Job Name: 7981 - Z Z - 1 LINE LEAK				
	Generator's Representative: Lynn Hyman				
TRANSPORTER	Name: Tasman Inc. Emergency Contact: Kyle Norman Emergency Contact Phone: (575) 318-5017				
	Transporter: Acknowledgment of Delivery of Material Printed/Typed Name (Impreso/Mecanografico): <i>E. Sandoz</i>				
	Signature (Firma): <i>E. Sandoz</i> Date: 08-26-2024 10:16 AM				
DISPOSAL FACILITY	Lea Land, LLC		Mile Marker 64, U.S. Hwy 62/180, 30 Miles East Of Carlsbad, NM		(575) 887-4048
	Permit No: NM-T-0035-New Mexico		Comments:		
	Disposal Facility's Certification: I Hereby Certify That The Above-Described Wastes Were Delivered To This Facility.				
	Authorized Signature: <i>M. Sandoz</i>		Unit No: 11A	Date: 08-26-2024	Time: 10:16 AM

LEA LAND, LLC
1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

RC Code: F-210
 Project:
 Line: 7981 22-1 line leak
 PO#: _____



WASTE MANIFEST

Shipping Point	Ship to Location:
Line Number: <u>7981-22-1 line leak</u>	<u>Lea Land</u>
	Shipping Date: <u>8-26-24</u>

Quantity	Size	Description of Waste	Weight or Volume
<u>3</u>	<u>12yd</u>	<u>Contaminated Soil</u>	<u>36yd</u>

Shipping Instructions: Please use PO# _____ Company Man Lynn Hyman

This is to certify that the above named materials are properly classified, described, packaged and are in proper condition for transportation and disposal to the applicable regulations.

Company Name	Print Name and Contact information	Signature required	Date:
Generator: DCP Midstream	Employee: Janice Hyman 1625 W Marland Hobbs, NM. 575-397-5560	Employee: <i>Janice Hyman</i>	Date:
Transporter: <u>JERRA'S</u>	Driver: <u>Silva</u>	Driver: <u>Silva</u>	Date: <u>8-26-24</u>
Contact information: Kyle Norman	Phone: 575-318-5017	Phone:	
Receiver: <u>[Signature]</u>	Representative:	Representative:	Date <u>8-26-24</u>

Initials: _____ Date Returned: ____/____/2020

Please Return Copy of Completed Form and Disposal Ticket to: DCP Midstream

FILE: 4.1.5

**LEA LAND, LLC SURFACE WASTE LANDFILL**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

NON-HAZARDOUS WASTE MANIFEST		No. 207388	Trailer No. JEAAS 01		
GENERATOR	Company Name: DCP Midstream		Address: 10 Desta Dr., #400W Midland, TX 79705		Disposal Date: 08-26-2024 10:15 AM
	Phone: (432) 413-3601				
	Name Or Description Of Waste Shipped:				
	<input checked="" type="checkbox"/> RCRA Exempt <input type="checkbox"/> RCRA Non-Exempt				
	Weight (lbs): 25880, 26340, 26960.				
TRANSPORTER	Lease/Job Name: 7981 - Z Z - 1 LINE LEAK				
	Generator's Representative: Lynn Hyman				
	Name: Tasman Inc.				
	Emergency Contact: Kyle Norman				
	Emergency Contact Phone: (575) 318-5017				
DISPOSAL FACILITY	Transporter: Acknowledgment of Delivery of Material				
	Printed/Typed Name (Impreso/Mecanografico): X Silva				
	Signature (Firma): X Silva Date: 08-26-2024 10:15 AM				
	Lea Land, LLC		Mile Marker 64, U.S. Hwy 62/180, 30 Miles East Of Carlsbad, NM		(575) 887-4048
	Permit No: NM-1-0035-New Mexico		Comments:		
DISPOSAL FACILITY	Disposal Facility's Certification: I Hereby Certify That The Above-Described Wastes Were Delivered To This Facility.				
	Authorized Signature: 		Unit No: IIA	Date: 08-26-2024	Time: 10:15 AM

LEA LAND, LLC
1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

RC Code: F-210

Project:

Line: 7981-22-1 Line Leak

PO#: 0000545457



WASTE MANIFEST

Shipping Point	Ship to Location: Lea Land
Line Number: 7981-22-1 Line Leak	Shipping Date: 8-26-24

Quantity	Size	Description of Waste	Weight or Volume
3	12 yds	Contaminated Soil	36

Shipping Instructions: Please use PO# 0000545457 Company Man Lynn Hyman

This is to certify that the above named materials are properly classified, described, packaged and are in proper condition for transportation and disposal to the applicable regulations.

Company Name	Print Name and Contact information	Signature required	Date:
Generator: DCP Midstream	Employee: Janice Hyman 1625 W Marland Hobbs, NM. 575-397-5560	Employee: Janice Hyman	Date:
Transporter: JTSTRUCKERS	Driver: Jesus Sepulveda	Driver: Jesus Sepulveda	Date: 8-26-24
Contact information: Kyle Norman	Phone: 575-318-5017	Phone:	
Receiver: M Sanchez	Representative:	Representative:	Date: 8/26/24

Initials: _____ Date Returned: ____/____/2020

Please Return Copy of Completed Form and Disposal Ticket to: DCP Midstream

FILE: 4.15



LEA LAND, LLC SURFACE WASTE LANDFILL

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

NON-HAZARDOUS WASTE MANIFEST		No. 207391	Trailer No. JTS J53	
GENERATOR	Company Name: DCP Midstream		Address: 10 Desta Dr., #400W Midland, TX 79705	
	Phone: (432) 413-3601		Disposal Date: 08-26-2024 10:18 AM	
	Name Or Description Of Waste Shipped: <input checked="" type="checkbox"/> RCRA Exempt <input type="checkbox"/> RCRA Non-Exempt			
	Weight (lbs): 27400, 27900, 28180			
	Lease/Job Name: 7981 - Z Z - 1 LINE LEAK			
Generator's Representative: Lynn Hyman				
TRANSPORTER	Name: Tasman Inc.			
	Emergency Contact: Kyle Norman			
	Emergency Contact Phone: (575) 318-5017			
	Transporter: Acknowledgment of Delivery of Material Printed/Typed Name (Impreso/Mecanografico): JESUS SEPULVEDA Signature (Firma): <i>[Signature]</i> Date: 08-26-2024 10:18 AM			
DISPOSAL FACILITY	Lea Land, LLC	Mile Marker 64, U.S. Hwy 62/180, 30 Miles East Of Carlsbad, NM		(575) 887-4048
	Permit No: NM-1-0035-New Mexico	Comments:		
	Disposal Facility's Certification: I Hereby Certify That The Above-Described Wastes Were Delivered To This Facility.			
	Authorized Signature: <i>[Signature]</i>	Unit No: IIA	Date: 08-26-2024	Time: 10:18 AM

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

RC Code: _____

Project: _____

Line: 7981 22-1 line leak

PO#: _____



WASTE MANIFEST

Shipping Point

Ship to Location: Lea Land

Line Number: 7981-22-1
Line Leak

Shipping Date:

8-26-24

Quantity	Size	Description of Waste	Weight or Volume
3	12	Contaminated Soil	36 yds

Shipping Instructions: Company Man Lynn Hyman

This is to certify that the above named materials are properly classified, described, packaged and are in proper condition for transportation and disposal to the applicable regulations.

Company Name	Print Name and Contact information	Signature required	Date:
Generator: DCP Midstream	Employee: Janice Hyman 1625 W Marland Hobbs, NM. 575-397-5560	Employee: <i>Janice Hyman</i>	Date:
Transporter: <i>JC J</i>	Driver: <i>Jose Arroyo</i>	Driver: <i>Jose Arroyo</i>	Date: 8-26-24
Contact information: Kyle Norman	Phone: 575-318-5017	Phone:	
Receiver: <i>M Sanchez</i>	Representative:	Representative:	Date: 8-26-24

Initials: _____ Date Returned: ____/____/2022

Please Return Copy of Completed Form and Disposal Ticket to: DCP Midstream

FILE: 4.1.5



LEA LAND, LLC SURFACE WASTE LANDFILL

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

NON-HAZARDOUS WASTE MANIFEST		No. 207389	Trailer No. JCS-03		
GENERATOR	Company Name: DCP Midstream Phone: (432) 413-3601		Address: 10 Desta Dr., #400W Midland, TX 79705		Disposal Date: 08-26-2024 10:16 AM
	Name Or Description Of Waste Shipped: <input checked="" type="checkbox"/> RCRA Exempt <input type="checkbox"/> RCRA Non-Exempt				
	Weight (lbs): 25520 26160, 26910,				
	Lease/Job Name: 7981 - Z Z - 1 LINE LEAK				
	Generator's Representative: Lynn Hyman				
TRANSPORTER	Name: Tasman Inc. Emergency Contact: Kyle Norman Emergency Contact Phone: (575) 318-5017				
	Transporter: Acknowledgment of Delivery of Material Printed/Typed Name (Impreso/Mecanografico): Jose Arroyo Signature (Firma): X <i>Jose Arroyo</i> Date: 08-26-2024 10:16 AM				
DISPOSAL FACILITY	Lea Land, LLC		Mile Marker 64, U.S. Hwy 62/180, 30 Miles East Of Carlsbad, NM		(575) 887-4048
	Permit No: NM-1-0035-New Mexico		Comments:		
	Disposal Facility's Certification: I Hereby Certify That The Above-Described Wastes Were Delivered To This Facility.				
	Authorized Signature: <i>M Sanchez</i>		Unit No: IIA	Date: 08-26-2024	Time: 10:16 AM

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

RC Code: F-210
 Project:
 Line: 7981 22-1 Line Leak
 PO#:



WASTE MANIFEST

Shipping Point	Ship to Location:
Line Number: 7981 22-1 Line Leak	Lea Land
	Shipping Date: 8/27/24

Quantity	Size	Description of Waste	Weight or Volume
3	12	Contaminated Soil	36 yds

Shipping Instructions: Please use PO# _____ Company Man Lynn Hyman

This is to certify that the above named materials are properly classified, described, packaged and are in proper condition for transportation and disposal to the applicable regulations.

Company Name	Print Name and Contact information	Signature required	Date:
Generator: DCP Midstream	Employee: Janice Hyman 1625 W Marland Hobbs, NM. 575-397-5560	Employee: Janice Hyman	Date:
Transporter: 01 ALL TERRAIN	Driver: Gabby	Driver: Gabby	Date: 8/27/24
Contact information: Kyle Norman	Phone: 575-318-5017	Phone:	
Receiver: M Sanchez	Representative:	Representative:	Date: 8/27/24

Initials: _____ Date Returned: ____/____/2020

Please Return Copy of Completed Form and Disposal Ticket to: DCP Midstream

FILE: 4.1.5



LEA LAND, LLC SURFACE WASTE LANDFILL

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

NON-HAZARDOUS WASTE MANIFEST		No. 207438	Trailer No. ALL TERRAIN 01	
GENERATOR	Company Name: DCP Midstream		Address: 10 Desta Dr., #400W Midland, TX 79705	
	Phone: (432) 413-3601		Disposal Date: 08-27-2024 09:57 AM	
	Name Or Description Of Waste Shipped: <input checked="" type="checkbox"/> RCRA Exempt <input type="checkbox"/> RCRA Non-Exempt			
	Weight (lbs): 23180, 24080, 24380			
	Lease/Job Name: 7981 - Z Z - 1 LINE LEAK			
Generator's Representative: Lynn Hyman				
TRANSPORTER	Name: Tasman Inc.			
	Emergency Contact: Kyle Norman			
	Emergency Contact Phone: (575) 318-5017			
	Transporter: Acknowledgment of Delivery of Material Printed/Typed Name (Impreso/Mecanografico): X <i>Gaby</i> Signature (Firma): X <i>Gaby</i> Date: 08-27-2024 09:57 AM			
DISPOSAL FACILITY	Lea Land, LLC	Mile Marker 64, U.S. Hwy 62/180, 30 Miles East Of Carlsbad, NM		(575) 887-4048
	Permit No: NM-1-0035-New Mexico	Comments:		
	Disposal Facility's Certification: I Hereby Certify That The Above-Described Wastes Were Delivered To This Facility.			
	Authorized Signature: <i>[Signature]</i>	Unit No: IIA	Date: 08-27-2024	Time: 09:57 AM

LEA LAND, LLC
1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

RC Code: F-210
 Project:
 Line: 7981 22-1 line leak
 PO#:



WASTE MANIFEST

Shipping Point Line Number: 7981-22-1 line leak	Ship to Location: Lea Land Shipping Date: 8-27-24
---	--

Quantity	Size	Description of Waste	Weight or Volume
3	12yd	Contaminated Soil	36yd

Shipping Instructions: Please use PO# _____ Company Man Lynn Hyman

This is to certify that the above named materials are properly classified, described, packaged and are in proper condition for transportation and disposal to the applicable regulations.

Company Name	Print Name and Contact information	Signature required	Date:
Generator: DCP Midstream	Employee: Janice Hyman 1625 W Marland Hobbs, NM. 575-397-5560	Employee: <i>Janice Hyman</i>	Date:
Transporter: <i>Jeon's</i>	Driver: <i>Silvia</i>	Driver: <i>Silvia</i>	Date: <i>8/27/24</i>
Contact information: Kyle Norman	Phone: 575-318-5017	Phone:	
Receiver: <i>MS Norman</i>	Representative:	Representative:	Date: <i>8/27/24</i>

Initials: _____ Date Returned: ____/____/2020

Please Return Copy of Completed Form and Disposal Ticket to: DCP Midstream

FILE: 4.1.5

**LEA LAND, LLC SURFACE WASTE LANDFILL**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

NON-HAZARDOUS WASTE MANIFEST		No. 207436	Trailer No. JEAAS 01		
GENERATOR	Company Name: DCP Midstream		Address: 10 Desta Dr., #400W Midland, TX 79705		Disposal Date: 08-27-2024 09:56 AM
	Phone: (432) 413-3601				
	Name Or Description Of Waste Shipped:				
	<input checked="" type="checkbox"/> RCRA Exempt <input type="checkbox"/> RCRA Non-Exempt				
	Weight (lbs): 24680, 25820, 25880				
TRANSPORTER	Lease/Job Name: 7981 - Z Z - 1 LINE LEAK				
	Generator's Representative: Lynn Hyman				
	Name: Tasman Inc.				
	Emergency Contact: Kyle Norman				
	Emergency Contact Phone: (575) 318-5017				
DISPOSAL FACILITY	Transporter: Acknowledgment of Delivery of Material				
	Printed/Typed Name (Impreso/Mecanografico): Silvia				
	Signature (Firma): X <u>Silvia</u> Date: 08-27-2024 09:56 AM				
	Lea Land, LLC		Mile Marker 64, U.S. Hwy 62/180, 30 Miles East Of Carlsbad, NM		(575) 887-4048
	Permit No: NM-1-0035-New Mexico		Comments:		
Disposal Facility's Certification: I Hereby Certify That The Above-Described Wastes Were Delivered To This Facility.					
Authorized Signature: 		Unit No: IIA	Date: 08-27-2024	Time: 09:56 AM	

LEA LAND, LLC
1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

RC Code: F-210

Project:

Line: 7981-22-1 line leakPO#: 0000545457

WASTE MANIFEST

Shipping Point	Ship to Location: Lea Land
Line Number: <u>7981-22-1 Line</u> <u>Leak</u>	Shipping Date: <u>8-27-24</u>

Quantity	Size	Description of Waste	Weight or Volume
<u>3</u>	12 yds	Contaminated Soil	<u>36 yds</u>

Shipping Instructions: Please use PO# 0000545457 Company Man Lynn Hyman

This is to certify that the above named materials are properly classified, described, packaged and are in proper condition for transportation and disposal to the applicable regulations.

Company Name	Print Name and Contact information	Signature required	Date:
Generator: DCP Midstream	Employee: Janice Hyman 1625 W Marland Hobbs, NM. 575-397-5560	Employee: <i>Janice Hyman</i>	Date:
Transporter:	Driver:	Driver:	Date:
<i>STS Trucking</i>	<i>Jesus Sepulveda</i>	<i>[Signature]</i>	<u>8-27-24</u>
Contact information:	Phone:	Phone:	
Kyle Norman	575-318-5017		
Receiver: <i>[Signature]</i>	Representative:	Representative:	Date: <u>8/27/24</u>

Initials: _____ Date Returned: ____/____/2020

Please Return Copy of Completed Form and Disposal Ticket to: DCP Midstream

FILE: 415



LEA LAND, LLC SURFACE WASTE LANDFILL

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

NON-HAZARDOUS WASTE MANIFEST		No. 207434	Trailer No. JTS J53	
GENERATOR	Company Name: DCP Midstream		Address: 10 Desta Dr., #400W Midland, TX 79705	
	Phone: (432) 413-3601		Disposal Date: 08-27-2024 09:54 AM	
	Name Or Description Of Waste Shipped:			
	<input checked="" type="checkbox"/> RCRA Exempt <input type="checkbox"/> RCRA Non-Exempt			
	Weight (lbs): 25120, 26280, 26240			
TRANSPORTER	Lease/Job Name: 7981 - Z Z - 1 LINE LEAK			
	Generator's Representative: Lynn Hyman			
	Name: Tasman Inc.			
	Emergency Contact: Kyle Norman			
	Emergency Contact Phone: (575) 318-5017			
DISPOSAL FACILITY	Transporter: Acknowledgment of Delivery of Material			
	Printed/Typed Name (Impreso/Mecanografico): <u>Tasman Sepulveda</u>			
	Signature (Firma): <u>[Signature]</u> Date: 08-27-2024 09:54 AM			
	Lea Land, LLC		Mile Marker 64, U.S. Hwy 62/180, 30 Miles East Of Carlsbad, NM	
	Permit No: NM-1-0035-New Mexico		Comments:	
DISPOSAL FACILITY	Disposal Facility's Certification: I Hereby Certify That The Above-Described Wastes Were Delivered To This Facility.			
	Authorized Signature: <u>[Signature]</u>		Unit No: IIA	Date: 08-27-2024
			Time: 09:54 AM	

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

RC Code: _____
 Project: _____
 Line: 7981 ZZ-1 line leak
 PO#: _____



WASTE MANIFEST

Shipping Point	Ship to Location:
Line Number: 7981-ZZ-1 line Leak	Lea Land LLC
	Shipping Date: 8-27-24

Quantity	Size	Description of Waste	Weight or Volume
3	12	Contaminated Soil	36yd

Shipping Instructions: Company Man Lynn Hyman

This is to certify that the above named materials are properly classified, described, packaged and are in proper condition for transportation and disposal to the applicable regulations.

Company Name	Print Name and Contact information	Signature required	Date:
Generator: DCP Midstream	Employee: Janice Hyman 1625 W Marland Hobbs, NM. 575-397-5560	Employee: <i>Janice Hyman</i>	Date:
Transporter: <i>JCT Trucking</i>	Driver: <i>Enrique Solas</i>	Driver: <i>Enrique Solas</i>	Date: 8-27-24
Contact information: Kyle Norman	Phone: 575-318-5017	Phone:	
Receiver: <i>M Sanchez</i>	Representative:	Representative:	Date: 8/27/24

Initials: _____ Date Returned: ____/____/2022

Please Return Copy of Completed Form and Disposal Ticket to: DCP Midstream

FILE: 4.1.5

**LEA LAND, LLC SURFACE WASTE LANDFILL**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

NON-HAZARDOUS WASTE MANIFEST		No. 207435	Trailer No. JCJ 01		
GENERATOR	Company Name: DCP Midstream		Address: 10 Desta Dr., #400W Midland, TX 79705		Disposal Date: 08-27-2024 09:55 AM
	Phone: (432) 413-3601				
	Name Or Description Of Waste Shipped: <input checked="" type="checkbox"/> RCRA Exempt <input type="checkbox"/> RCRA Non-Exempt				
	Weight (lbs): 28640, 29740, 291680,				
	Lease/Job Name: 7981 - Z Z - 1 LINE LEAK				
Generator's Representative: Lynn Hyman					
TRANSPORTER	Name: Tasman Inc.				
	Emergency Contact: Kyle Norman				
	Emergency Contact Phone: (575) 318-5017				
	Transporter: Acknowledgment of Delivery of Material Printed/Typed Name (Impreso/Mecanografico): Enrique Salas Signature (Firma): <i>Enrique Salas</i> Date: 08-27-2024 09:55 AM				
DISPOSAL FACILITY	Lea Land, LLC		Mile Marker 64, U.S. Hwy 62/180, 30 Miles East Of Carlsbad, NM		(575) 887-4048
	Permit No: NM-1-0035-New Mexico		Comments:		
	Disposal Facility's Certification: I Hereby Certify That The Above-Described Wastes Were Delivered To This Facility.				
	Authorized Signature: <i>M Sanchez</i>		Unit No: IIA	Date: 08-27-2024	Time: 09:55 AM

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

RC Code: F-210

Project:

Line: 7981 22-1 line leak

PO#:



WASTE MANIFEST

Shipping Point	Ship to Location:
Line Number: 7981 22-1 Line Leak	Lea Land
	Shipping Date: 8/28/24

Quantity	Size	Description of Waste	Weight or Volume
3	12	Contaminated Soil	36 yds

Shipping Instructions: Please use PO# _____ Company Man Lynn Hyman

This is to certify that the above named materials are properly classified, described, packaged and are in proper condition for transportation and disposal to the applicable regulations.

Company Name	Print Name and Contact information	Signature required	Date:
Generator: DCP Midstream	Employee: Janice Hyman 1625 W Marland Hobbs, NM. 575-397-5560	Employee: <i>Janice Hyman</i>	Date:
Transporter: 01 ALL TERRAUN	Driver: <i>Gabby</i>	Driver: <i>Gabby</i>	Date: 8/28/24
Contact information: Kyle Norman	Phone: 575-318-5017	Phone:	
Receiver: <i>M Sanchez</i>	Representative:	Representative:	Date: 8/28/24

Initials: _____ Date Returned: ____/____/2020

Please Return Copy of Completed Form and Disposal Ticket to: DCP Midstream

FILE: 4.1.5

**LEA LAND, LLC SURFACE WASTE LANDFILL**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

NON-HAZARDOUS WASTE MANIFEST		No. 207463	Trailer No. ALL TERRAIN 01		
GENERATOR	Company Name: DCP Midstream		Address: 10 Desta Dr., #400W Midland, TX 79705		Disposal Date: 08-28-2024 09:41 AM
	Phone: (432) 413-3601				
	Name Or Description Of Waste Shipped: <input checked="" type="checkbox"/> RCRA Exempt <input type="checkbox"/> RCRA Non-Exempt				
	Weight (lbs): 22200, 22540, 22860				
	Lease/Job Name: 7981 ZZ-1 LINE LEAK				
Generator's Representative: Lynn Hyman					
TRANSPORTER	Name: Tasman Inc.				
	Emergency Contact: Kyle Norman				
	Emergency Contact Phone: (575) 318-5017				
	Transporter: Acknowledgment of Delivery of Material . Printed/Typed Name (Impreso/Mecanografico): <u>Gabby</u> Signature (Firma): <u>X Gabby</u> Date: 08-28-2024 09:41 AM				
DISPOSAL FACILITY	Lea Land, LLC		Mile Marker 64, U.S. Hwy 62/180, 30 Miles East Of Carlsbad, NM		(575) 887-4048
	Permit No: NM-1-0035-New Mexico		Comments:		
	Disposal Facility's Certification: I Hereby Certify That The Above-Described Wastes Were Delivered To This Facility.				
	Authorized Signature: <u>M Sanchez</u>		Unit No: IIA	Date: 08-28-2024	Time: 09:41 AM

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

RC Code: F-210

Project:

Line: 7981 22-1 line leak

PO#:



WASTE MANIFEST

Shipping Point	Ship to Location:
Line Number: 7981-22-1 line leak.	Lea Land
	Shipping Date: 8-28-24

Quantity	Size	Description of Waste	Weight or Volume
3	12yd	Contaminated Soil	36

Shipping Instructions: Please use PO# _____ Company Man Lynn Hyman

This is to certify that the above named materials are properly classified, described, packaged and are in proper condition for transportation and disposal to the applicable regulations.

Company Name	Print Name and Contact information	Signature required	Date:
Generator: DCP Midstream	Employee: Janice Hyman 1625 W Marland Hobbs, NM. 575-397-5560	Employee: <i>Janice Hyman</i>	Date:
Transporter: <i>JEAA'S</i>	Driver: <i>Silva</i>	Driver: <i>Silva</i>	Date: 8-28-24
Contact information: Kyle Norman	Phone: 575-318-5017	Phone:	
Receiver: <i>M Sanchez</i>	Representative:	Representative:	Date 8/28/24

Initials: _____ Date Returned: ____/____/2020

Please Return Copy of Completed Form and Disposal Ticket to: DCP Midstream

FILE: 4.1.5

**LEA LAND, LLC SURFACE WASTE LANDFILL**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

NON-HAZARDOUS WASTE MANIFEST		No. 207464	Trailer No. JEAAS DT-01		
GENERATOR	Company Name: DCP Midstream		Address: 10 Desta Dr., #400W Midland, TX 79705		Disposal Date: 08-28-2024 09:43 AM
	Phone: (432) 413-3601				
	Name Or Description Of Waste Shipped:				
	<input checked="" type="checkbox"/> RCRA Exempt <input type="checkbox"/> RCRA Non-Exempt				
	Weight (lbs): 25780, 25960, 26240				
TRANSPORTER	Lease/Job Name: 798 ZZ 1 LINE LEAK				
	Generator's Representative: Lynn Hyman				
	Name: Tasman Inc.				
	Emergency Contact: Kyle Norman				
	Emergency Contact Phone: (575) 318-5017				
DISPOSAL FACILITY	Transporter: Acknowledgment of Delivery of Material				
	Printed/Typed Name (Impreso/Mecanografico): Silvia				
	Signature (Firma): X <i>Silvia</i> Date: 08-28-2024 09:43 AM				
	Lea Land, LLC		Mile Marker 64, U.S. Hwy 62/180, 30 Miles East Of Carlsbad, NM		(575) 887-4048
	Permit No: NM-1-0035-New Mexico		Comments:		
Disposal Facility's Certification: I Hereby Certify That The Above-Described Wastes Were Delivered To This Facility.					
Authorized Signature: <i>[Signature]</i>		Unit No: IIA	Date: 08-28-2024	Time: 09:43 AM	

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

RC Code: F-210

Project:

Line: 7981-22-1 Line LeakPO#: 0000545457

WASTE MANIFEST

Shipping Point	Ship to Location: Lea Land
Line Number: <u>7981-22-1 Line Leak</u>	Shipping Date: <u>8-28-24</u>

Quantity	Size	Description of Waste	Weight or Volume
<u>3</u>	<u>12 yds</u>	<u>Contaminated Soil</u>	<u>36</u>

Shipping Instructions: Please use PO# 0000545457 Company Man Lynn Hyman

This is to certify that the above named materials are properly classified, described, packaged and are in proper condition for transportation and disposal to the applicable regulations.

Company Name	Print Name and Contact information	Signature required	Date:
Generator: DCP Midstream	Employee: Janice Hyman 1625 W Marland Hobbs, NM. 575-397-5560	Employee: <i>Janice Hyman</i>	Date:
Transporter: <u>JTS Trucking</u>	Driver: <u>JESUS SEPULVEDA</u>	Driver: <i>Jesus Sepulveda</i>	Date: <u>8-28-24</u>
Contact information: Kyle Norman	Phone: 575-318-5017	Phone:	
Receiver: <i>M Sanchez</i>	Representative:	Representative:	Date: <u>8/28/24</u>

Initials: _____ Date Returned: ____/____/2020

Please Return Copy of Completed Form and Disposal Ticket to: DCP Midstream

FILE: 4.15



LEA LAND, LLC SURFACE WASTE LANDFILL

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

NON-HAZARDOUS WASTE MANIFEST		No. 207465	Trailer No. JTS J53	
GENERATOR	Company Name: DCP Midstream		Address: 10 Desta Dr., #400W Midland, TX 79705	
	Phone: (432) 413-3601		Disposal Date: 08-28-2024 09:47 AM	
	Name Or Description Of Waste Shipped: <input checked="" type="checkbox"/> RCRA Exempt <input type="checkbox"/> RCRA Non-Exempt			
	Weight (lbs): 25800, 25920, 21240			
	Lease/Job Name: 7981 ZZ LINE LEAK			
TRANSPORTER	Generator's Representative: Lynn Hyman			
	Name: Tasman Inc.			
	Emergency Contact: Kyle Norman			
	Emergency Contact Phone: (575) 318-5017			
	Transporter: Acknowledgment of Delivery of Material Printed/Typed Name (Impreso/Mecanografico): Jesus S. P. V. C. Signature (Firma): Date: 08-28-2024 09:47 AM			
DISPOSAL FACILITY	Lea Land, LLC	Mile Marker 64, U.S. Hwy 62/180, 30 Miles East Of Carlsbad, NM		(575) 887-4048
	Permit No: NM-1-0035-New Mexico	Comments:		
	Disposal Facility's Certification: I Hereby Certify That The Above-Described Wastes Were Delivered To This Facility.			
	Authorized Signature:	Unit No: IIA	Date: 08-28-2024	Time: 09:47 AM

LEA LAND, LLC
1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

RC Code: F-210

Project:

Line: 7981 22-1 line leak

PO#:



WASTE MANIFEST

Shipping Point	Ship to Location: Lea Land
Line Number: 7981-22-1 line leak	Shipping Date: 8-28-24

Quantity	Size	Description of Waste	Weight or Volume
3	12	Contaminated Soil	36 yd

Shipping Instructions: Please use PO# _____ Company Man Lynn Hyman

This is to certify that the above named materials are properly classified, described, packaged and are in proper condition for transportation and disposal to the applicable regulations.

Company Name	Print Name and Contact information	Signature required	Date:
Generator: DCP Midstream	Employee: Janice Hyman 1625 W Marland Hobbs, NM. 575-397-5560	Employee: <i>Janice Hyman</i>	Date:
Transporter: JCT Trucking LLC	Driver: <i>Enrique Salas</i>	Driver: <i>Enrique Salas</i>	Date: 8-28-24
Contact information: Kyle Norman	Phone: 575-318-5017	Phone:	
Receiver: <i>M Sanchez</i>	Representative:	Representative:	Date: 8/28/24

Initials: _____ Date Returned: ____/____/2020

Please Return Copy of Completed Form and Disposal Ticket to: DCP Midstream

FILE: 4.1.5

**LEA LAND, LLC SURFACE WASTE LANDFILL**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

NON-HAZARDOUS WASTE MANIFEST		No. 207466	Trailer No. JCJ 03		
GENERATOR	Company Name: DCP Midstream		Address: 10 Desta Dr., #400W Midland, TX 79705		Disposal Date: 08-28-2024 09:49 AM
	Phone: (432) 413-3601				
	Name Or Description Of Waste Shipped:				
	<input checked="" type="checkbox"/> RCRA Exempt <input type="checkbox"/> RCRA Non-Exempt				
	Weight (lbs): 24620, 24840 24980				
TRANSPORTER	Lease/Job Name: 7891 ZZ-1 LINE LEAK				
	Generator's Representative: Lynn Hyman				
	Name: Tasman Inc. Emergency Contact: Kyle Norman Emergency Contact Phone: (575) 318-5017				
	Transporter: Acknowledgment of Delivery of Material Printed/Typed Name (Impreso/Mecanografico): Enrique Salas Signature (Firma): X <i>Enrique Salas</i> Date: 08-28-2024 09:49 AM				
DISPOSAL FACILITY	Lea Land, LLC	Mile Marker 64, U.S. Hwy 62/180, 30 Miles East Of Carlsbad, NM		(575) 887-4048	
	Permit No: NM-1-0035-New Mexico	Comments:			
	Disposal Facility's Certification: I Hereby Certify That The Above-Described Wastes Were Delivered To This Facility.				
	Authorized Signature: <i>[Signature]</i>	Unit No: IIA	Date: 08-28-2024	Time: 09:49 AM	

LEA LAND, LLC
1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

RC Code: F-210

Project:

Line: 7981 22-1 line leak

PO#:



WASTE MANIFEST

Shipping Point	Ship to Location:
Line Number: 7981 22-1 Line Leak	Lea Land
	Shipping Date: 8/29/24

Quantity	Size	Description of Waste	Weight or Volume
3	12	Contaminated Soil	36 yds

Shipping Instructions: Please use PO# _____ Company Man Lynn Hyman

This is to certify that the above named materials are properly classified, described, packaged and are in proper condition for transportation and disposal to the applicable regulations.

Company Name	Print Name and Contact information	Signature required	Date:
Generator: DCP Midstream	Employee: Janice Hyman 1625 W Marland Hobbs, NM. 575-397-5560	Employee: Janice Hyman	Date:
Transporter: 01 ALL TERRAQU	Driver: Gabby	Driver: Gabby	Date: 8/29/24
Contact information: Kyle Norman	Phone: 575-318-5017	Phone:	
Receiver: V. [Signature]	Representative:	Representative:	Date: 8/29/24

Initials: _____ Date Returned: ____/____/2020

Please Return Copy of Completed Form and Disposal Ticket to: DCP Midstream

FILE: 4.1.5



LEA LAND, LLC SURFACE WASTE LANDFILL

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

NON-HAZARDOUS WASTE MANIFEST		No. 207527	Trailer No. ALL TERRAIN 01	
GENERATOR	Company Name: DCP Midstream		Address: 10 Desta Dr., #400W Midland, TX 79705	
	Phone: (432) 413-3601		Disposal Date: 08-29-2024 09:37 AM	
	Name Or Description Of Waste Shipped: <input checked="" type="checkbox"/> RCRA Exempt <input type="checkbox"/> RCRA Non-Exempt			
	Weight (lbs): 21940, 22980, 23840,			
	Lease/Job Name: 7981 ZZ-1 LINE LEAK			
Generator's Representative: Lynn Hyman				
TRANSPORTER	Name: Tasman Inc.			
	Emergency Contact: Kyle Norman			
	Emergency Contact Phone: (575) 318-5017			
	Transporter: Acknowledgment of Delivery of Material Printed/Typed Name (Impreso/Mecanografico): <u>Gaby</u> Signature (Firma): X <u>Gaby</u> Date: 08-29-2024 09:37 AM			
DISPOSAL FACILITY	Lea Land, LLC		Mile Marker 64, U.S. Hwy 62/180, 30 Miles East Of Carlsbad, NM	
			(575) 887-4048	
	Permit No: NM-1-0035-New Mexico		Comments:	
	Disposal Facility's Certification: I Hereby Certify That The Above-Described Wastes Were Delivered To This Facility.			
Authorized Signature: <u>[Signature]</u>		Unit No: IIA	Date: 08-29-2024	Time: 09:37 AM

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

RC Code: F-210
 Project:
 Line: 7981 22-1 line leak
 PO#:



WASTE MANIFEST

Shipping Point	Ship to Location:
Line Number: 7981-22-1 line leak	Lea Land
	Shipping Date: 8/29/24

Quantity	Size	Description of Waste	Weight or Volume
3	12yd	Contaminated Soil	36 yds

Shipping Instructions: Please use PO# _____ Company Man Lynn Hyman

This is to certify that the above named materials are properly classified, described, packaged and are in proper condition for transportation and disposal to the applicable regulations.

Company Name	Print Name and Contact information	Signature required	Date:
Generator: DCP Midstream	Employee: Janice Hyman 1625 W Marland Hobbs, NM. 575-397-5560	Employee: Janice Hyman	Date:
Transporter: 8200's	Driver: Silvia	Driver: Silvia	Date: 8-29-24
Contact information: Kyle Norman	Phone: 575-318-5017	Phone:	
Receiver: [Signature]	Representative:	Representative:	Date: 8/29/24

Initials: _____ Date Returned: ____/____/2020

Please Return Copy of Completed Form and Disposal Ticket to: DCP Midstream

FILE: 4.1.5

**LEA LAND, LLC SURFACE WASTE LANDFILL**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

NON-HAZARDOUS WASTE MANIFEST		No. 207528	Trailer No. JEAAS 01		
GENERATOR	Company Name: DCP Midstream		Address: 10 Desta Dr., #400W Midland, TX 79705		Disposal Date: 08-29-2024 09:37 AM
	Phone: (432) 413-3601				
	Name Or Description Of Waste Shipped:				
	<input checked="" type="checkbox"/> RCRA Exempt <input type="checkbox"/> RCRA Non-Exempt				
	Weight (lbs): 30680, 30820, 30860,				
TRANSPORTER	Lease/Job Name: 7981 ZZ-1 LINE LEAK				
	Generator's Representative: Lynn Hyman				
	Name: Tasman Inc.				
	Emergency Contact: Kyle Norman				
	Emergency Contact Phone: (575) 318-5017				
DISPOSAL FACILITY	Transporter: Acknowledgment of Delivery of Material				
	Printed/Typed Name (Impreso/Mecanografico): <u>Silva</u>				
	Signature (Firma): <u>X Silva</u> Date: 08-29-2024 09:37 AM				
	Lea Land, LLC		Mile Marker 64, U.S. Hwy 62/180, 30 Miles East Of Carlsbad, NM		(575) 887-4048
	Permit No: NM-1-0035-New Mexico		Comments:		
DISPOSAL FACILITY	Disposal Facility's Certification: I Hereby Certify That The Above-Described Wastes Were Delivered To This Facility.				
	Authorized Signature: <u>[Signature]</u>		Unit No: IIA	Date: 08-29-2024	Time: 09:37 AM

LEA LAND, LLC
1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

RC Code: F-210
Project:
Line: 7981-22-1 Line Leak
PO#: 0000545457



WASTE MANIFEST

Shipping Point Line Number: 7981-22-1 Line Leak	Ship to Location: Lea Land Shipping Date: 8-29-24
---	--

Quantity	Size	Description of Waste	Weight or Volume
3	12 yds	Contaminated Soil	36

Shipping Instructions: Please use PO# 0000545457 Company Man Lynn Hyman

This is to certify that the above named materials are properly classified, described, packaged and are in proper condition for transportation and disposal to the applicable regulations.

Company Name	Print Name and Contact information	Signature required	Date:
Generator: DCP Midstream	Employee: Janice Hyman 1625 W Marland Hobbs, NM. 575-397-5560	Employee: <i>Janice Hyman</i>	Date:
Transporter: JTS Trucking	Driver: Jesus Sepulveda	Driver: <i>Jesus Sepulveda</i>	Date: 8-29-24
Contact information: Kyle Norman	Phone: 575-318-5017	Phone:	
Receiver: <i>[Signature]</i>	Representative:	Representative:	Date: 8/29/24

Initials: _____ **Date Returned:** ____/____/2020

Please Return Copy of Completed Form and Disposal Ticket to: DCP Midstream

FILE: 4.15



LEA LAND, LLC SURFACE WASTE LANDFILL

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

NON-HAZARDOUS WASTE MANIFEST		No. 207529	Trailer No. JTS J54	
GENERATOR	Company Name: DCP Midstream		Address: 10 Desta Dr., #400W Midland, TX 79705	
	Phone: (432) 413-3601		Disposal Date: 08-29-2024 09:38 AM	
	Name Or Description Of Waste Shipped:			
	<input checked="" type="checkbox"/> RCRA Exempt <input type="checkbox"/> RCRA Non-Exempt			
	Weight (lbs): 25220, 25440, 25660,			
TRANSPORTER	Lease/Job Name: 7981 ZZ-1 LINE LEAK			
	Generator's Representative: Lynn Hyman			
	Name: Tasman Inc.			
	Emergency Contact: Kyle Norman			
	Emergency Contact Phone: (575) 318-5017			
DISPOSAL FACILITY	Transporter: Acknowledgment of Delivery of Material			
	Printed/Typed Name (Impreso/Mecanografica): <u>Jesus Sepulveda</u>			
	Signature (Firma): <u>[Signature]</u> Date: 08-29-2024 09:38 AM			
	Lea Land, LLC	Mile Marker 64, U.S. Hwy 62/180, 30 Miles East Of Carlsbad, NM		(575) 887-4048
	Permit No: NM-1-0035-New Mexico	Comments:		
Disposal Facility's Certification: I Hereby Certify That The Above-Described Wastes Were Delivered To This Facility.				
Authorized Signature: <u>[Signature]</u>		Unit No: IIA	Date: 08-29-2024	Time: 09:38 AM

LEA LAND, LLC
1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

RC Code: _____

Project: _____

Line: R81 ZZ-1 line leak

PO#: _____



WASTE MANIFEST

Shipping Point

Ship to Location:

Lea Land LLC

Line Number:

7981 - ZZ - 1 line Leak

Shipping Date:

8-29-24

Quantity	Size	Description of Waste	Weight or Volume
<u>3</u>	<u>12</u>	<u>Contaminated Soil</u>	<u>36 yd</u>

Shipping Instructions: Company Man Lynn Hyman

This is to certify that the above named materials are properly classified, described, packaged and are in proper condition for transportation and disposal to the applicable regulations.

Company Name	Print Name and Contact information	Signature required	Date:
Generator: DCP Midstream	Employee: Janice Hyman 1625 W Marland Hobbs, NM. 575-397-5560	Employee: <u>Janice Hyman</u>	Date:
Transporter: <u>Jet Trucking LLC</u>	Driver: <u>Enrique Salas</u>	Driver: <u>Enrique Salas</u>	Date: <u>8-29-24</u>
Contact information: Kyle Norman	Phone: 575-318-5017	Phone:	
Receiver: <u>[Signature]</u>	Representative:	Representative:	Date: <u>8-29-24</u>

Initials: _____ Date Returned: ____/____/2022

Please Return Copy of Completed Form and Disposal Ticket to: DCP Midstream

FILE: 4.1.5

**LEA LAND, LLC SURFACE WASTE LANDFILL**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

NON-HAZARDOUS WASTE MANIFEST		No. 207530	Trailer No. JCJ 01		
GENERATOR	Company Name: DCP Midstream		Address: 10 Desta Dr., #400W Midland, TX 79705		Disposal Date: 08-29-2024 09:38 AM
	Phone: (432) 413-3601				
	Name Or Description Of Waste Shipped:				
	<input checked="" type="checkbox"/> RCRA Exempt <input type="checkbox"/> RCRA Non-Exempt				
	Weight (lbs): 26460, 26880, 27020,				
TRANSPORTER	Lease/Job Name: 7981 ZZ-1 LINE LEAK				
	Generator's Representative: Lynn Hyman				
	Name: Tasman Inc.				
	Emergency Contact: Kyle Norman				
	Emergency Contact Phone: (575) 318-5017				
DISPOSAL FACILITY	Transporter: Acknowledgment of Delivery of Material				
	Printed/Typed Name (Impreso/Mecanografico): <u>Enrique Salas</u>				
	Signature (Firma): <u>Enrique Salas</u> Date: 08-29-2024 09:38 AM				
	Lea Land, LLC		Mile Marker 64, U.S. Hwy 62/180, 30 Miles East Of Carlsbad, NM		(575) 887-4048
	Permit No: NM-1-0035-New Mexico		Comments:		
DISPOSAL FACILITY	Disposal Facility's Certification: I Hereby Certify That The Above-Described Wastes Were Delivered To This Facility.				
	Authorized Signature: <u>[Signature]</u>		Unit No: IIA	Date: 08-29-2024	Time: 09:38 AM

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

RC Code: F-210
 Project:
 Line: 7981 22-1 Line Leak
 PO#:



WASTE MANIFEST

Shipping Point	Ship to Location:
Line Number: 7981 22-1 Line Leak	Lea Land
	Shipping Date: 8/30/24

Quantity	Size	Description of Waste	Weight or Volume
1	12	Contaminated Soil	12 yds

Shipping Instructions: Please use PO# _____ Company Man Lynn Hyman

This is to certify that the above named materials are properly classified, described, packaged and are in proper condition for transportation and disposal to the applicable regulations.

Company Name	Print Name and Contact information	Signature required	Date:
Generator: DCP Midstream	Employee: Janice Hyman 1625 W Marland Hobbs, NM. 575-397-5560	Employee: Janice Hyman	Date:
Transporter: 01 ALL TERRAIN	Driver: Gabby	Driver: Gabby	Date: 8/30/24
Contact information: Kyle Norman	Phone: 575-318-5017	Phone:	
Receiver: M Sanchez	Representative:	Representative:	Date: 8/30/24

Initials: _____ Date Returned: ____/____/2020

Please Return Copy of Completed Form and Disposal Ticket to: DCP Midstream

FILE: 4.1.5

**LEA LAND, LLC SURFACE WASTE LANDFILL**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

NON-HAZARDOUS WASTE MANIFEST		No. 207577	Trailer No. ALL TERRAIN 01		
GENERATOR	Company Name: DCP Midstream		Address: 10 Desta Dr., #400W Midland, TX 79705		Disposal Date: 08-30-2024 10:03 AM
	Phone: (432) 413-3601				
	Name Or Description Of Waste Shipped:				
	<input checked="" type="checkbox"/> RCRA Exempt <input type="checkbox"/> RCRA Non-Exempt				
	Weight (lbs): 19920				
TRANSPORTER	Lease/Job Name: 7981 ZZ-1 LINE LEAK				
	Generator's Representative: Lynn Hyman				
	Name: Tasman Inc.				
	Emergency Contact: Kyle Norman				
DISPOSAL FACILITY	Emergency Contact Phone: (575) 318-5017				
	Transporter: Acknowledgment of Delivery of Material				
	Printed/Typed Name (Impreso/Mecanografico): X <u>Gabby</u>				
	Signature (Firma): X <u>Gabby</u> Date: 08-30-2024 10:03 AM				
DISPOSAL FACILITY	Lea Land, LLC		Mile Marker 64, U.S. Hwy 62/180, 30 Miles East Of Carlsbad, NM		(575) 887-4048
	Permit No: NM-1-0035-New Mexico		Comments:		
	Disposal Facility's Certification: I Hereby Certify That The Above-Described Wastes Were Delivered To This Facility.				
	Authorized Signature: <u>M Sanchez</u>		Unit No: IIA	Date: 08-30-2024	Time: 10:03 AM

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

RC Code: F-210

Project:

Line: 7981-22-1 Line Leak

PO#: 0000545457



WASTE MANIFEST

Shipping Point	Ship to Location: Lea Land
Line Number: 7981-22-1 Line Leak	Shipping Date: 8-30-24

Quantity	Size	Description of Waste	Weight or Volume
1	12 yds	Contaminated Soil	12

Shipping Instructions: Please use PO# 0000545457 Company Man Lynn Hyman

This is to certify that the above named materials are properly classified, described, packaged and are in proper condition for transportation and disposal to the applicable regulations.

Company Name	Print Name and Contact information	Signature required	Date:
Generator: DCP Midstream	Employee: Janice Hyman 1625 W Marland Hobbs, NM. 575-397-5560	Employee: Janice Hyman	Date:
Transporter: JTS Trucking	Driver: Jesus Sepulveda	Driver: Jesus Sepulveda	Date: 8-30-24
Contact information: Kyle Norman	Phone: 575-318-5017	Phone:	
Receiver: M. Sanchez	Representative:	Representative:	Date: 8/30/24

Initials: _____ Date Returned: ____/____/2020

Please Return Copy of Completed Form and Disposal Ticket to: DCP Midstream

FILE: 4.15



LEA LAND, LLC SURFACE WASTE LANDFILL

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

NON-HAZARDOUS WASTE MANIFEST		No. 207578	Trailer No. JTS J54	
GENERATOR	Company Name: DCP Midstream		Address: 10 Desta Dr., #400W Midland, TX 79705	
	Phone: (432) 413-3601		Disposal Date: 08-30-2024 10:03 AM	
	Name Or Description Of Waste Shipped:			
	<input checked="" type="checkbox"/> RCRA Exempt <input type="checkbox"/> RCRA Non-Exempt			
	Weight (lbs): 21930			
TRANSPORTER	Lease/Job Name: 7981 ZZ-1 LINE LEAK			
	Generator's Representative: Lynn Hyman			
	Name: Tasman Inc.			
	Emergency Contact: Kyle Norman			
DISPOSAL FACILITY	Emergency Contact Phone: (575) 318-5017			
	Transporter: Acknowledgment of Delivery of Material			
	Printed/Typed Name (Impreso/Mecanografico): Jesus S. Valera			
	Signature (Firma): X [Signature] Date: 08-30-2024 10:03 AM			
	Lea Land, LLC		Mile Marker 64, U.S. Hwy 62/180, 30 Miles East Of Carlsbad, NM	
Permit No: NM-1-0035-New Mexico		Comments:		
Disposal Facility's Certification: I Hereby Certify That The Above-Described Wastes Were Delivered To This Facility.				
Authorized Signature: [Signature]		Unit No: IIA	Date: 08-30-2024	Time: 10:03 AM

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

RC Code: _____
 Project: _____
 Line: 7981-22-1 line leak
 PO#: _____



WASTE MANIFEST

Shipping Point	Ship to Location: <u>Lea land</u>
Line Number: <u>7981-22-1</u> <u>line Leak</u>	Shipping Date: <u>8-30-24</u>

Quantity	Size	Description of Waste	Weight or Volume
1	12	Contaminated Soil	12 yd

Shipping Instructions: Company Man Lynn Hyman

This is to certify that the above named materials are properly classified, described, packaged and are in proper condition for transportation and disposal to the applicable regulations.

Company Name	Print Name and Contact information	Signature required	Date:
Generator: DCP Midstream	Employee: Janice Hyman 1625 W Marland Hobbs, NM. 575-397-5560	Employee: <i>Janice Hyman</i>	Date:
Transporter: <u>JCT Trucking LLC</u>	Driver: <u>Enrique Salas</u>	Driver: <u>Enrique Salas</u>	Date: <u>8-30-24</u>
Contact information: Kyle Norman	Phone: 575-318-5017	Phone:	
Receiver: <u>MSanchez</u>	Representative:	Representative:	Date: <u>8/30/24</u>

Initials: _____ Date Returned: ____/____/2022

Please Return Copy of Completed Form and Disposal Ticket to: DCP Midstream

FILE: 4.1.5

**LEA LAND, LLC SURFACE WASTE LANDFILL**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

NON-HAZARDOUS WASTE MANIFEST		No. 207580	Trailer No. JCJ 01		
GENERATOR	Company Name: DCP Midstream		Address: 10 Desta Dr., #400W Midland, TX 79705		Disposal Date: 08-30-2024 10:07 AM
	Phone: (432) 413-3601				
	Name Or Description Of Waste Shipped:				
	<input checked="" type="checkbox"/> RCRA Exempt <input type="checkbox"/> RCRA Non-Exempt				
	Weight (lbs): 22660				
TRANSPORTER	Lease/Job Name: 7981 ZZ-1 LINE LEAK				
	Generator's Representative: Lynn Hyman				
	Name: Tasman Inc.				
	Emergency Contact: Kyle Norman				
	Emergency Contact Phone: (575) 318-5017				
DISPOSAL FACILITY	Transporter: Acknowledgment of Delivery of Material				
	Printed/Typed Name (Impreso/Mecanografico): Enrique Salas				
	Signature (Firma): X <i>Enrique Salas</i> Date: 08-30-2024 10:07 AM				
	Lea Land, LLC		Mile Marker 64, U.S. Hwy 62/180, 30 Miles East Of Carlsbad, NM		(575) 887-4048
	Permit No: NM-1-0035-New Mexico		Comments:		
DISPOSAL FACILITY	Disposal Facility's Certification: I Hereby Certify That The Above-Described Wastes Were Delivered To This Facility.				
	Authorized Signature: <i>M Sanchez</i>		Unit No: IIA	Date: 08-30-2024	Time: 10:07 AM

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

**LEA LAND, LLC SURFACE WASTE LANDFILL**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

NON-HAZARDOUS WASTE MANIFEST		No. 207582	Trailer No. JCJ 03		
GENERATOR	Company Name: DCP Midstream		Address: 10 Desta Dr., #400W Midland, TX 79705		Disposal Date: 08-30-2024 10:07 AM
	Phone: (432) 413-3601				
	Name Or Description Of Waste Shipped:				
	<input checked="" type="checkbox"/> RCRA Exempt <input type="checkbox"/> RCRA Non-Exempt				
	Weight (lbs): 26560				
TRANSPORTER	Lease/Job Name: 7981 ZZ-1 LINE LEAK				
	Generator's Representative: Lynn Hyman				
	Name: Tasman Inc.				
	Emergency Contact: Kyle Norman				
	Emergency Contact Phone: (575) 318-5017				
DISPOSAL FACILITY	Transporter: Acknowledgment of Delivery of Material				
	Printed/Typed Name (Impreso/Mecanografico): Jose Arco				
	Signature (Firma): X Jose Arco Date: 08-30-2024 10:07 AM				
	Lea Land, LLC		Mile Marker 64, U.S. Hwy 62/180, 30 Miles East Of Carlsbad, NM		(575) 887-4048
	Permit No: NM-1-0035-New Mexico		Comments:		
DISPOSAL FACILITY	Disposal Facility's Certification: I Hereby Certify That The Above-Described Wastes Were Delivered To This Facility.				
	Authorized Signature: M Sanchez		Unit No: IIA	Date: 08-30-2024	Time: 10:07 AM

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

RC Code: _____
 Project: _____
 Line: 7981 22-1 line leak
 PO#: _____



WASTE MANIFEST

Shipping Point Line Number: 7981-22-1 Line Leak	Ship to Location: Lea Land
	Shipping Date: 8-30-24

Quantity	Size	Description of Waste	Weight or Volume
1	12	Contaminated Soil	12

Shipping Instructions: Company Man Lynn Hyman

This is to certify that the above named materials are properly classified, described, packaged and are in proper condition for transportation and disposal to the applicable regulations.

Company Name	Print Name and Contact information	Signature required	Date:
Generator: DCP Midstream	Employee: Janice Hyman 1625 W Marland Hobbs, NM. 575-397-5560	Employee: <i>Janice Hyman</i>	Date:
Transporter: Jc J	Driver: Jose Arroyo	Driver: Jose Arroyo	Date: 8-30-24
Contact information: Kyle Norman	Phone: 575-318-5017	Phone:	
Receiver: <i>M Sanchez</i>	Representative:	Representative:	Date: 8/30/24

Initials: _____ Date Returned: ____/____/2022

Please Return Copy of Completed Form and Disposal Ticket to: DCP Midstream

FILE: 4.1.5

Appendix D – Photographic Log

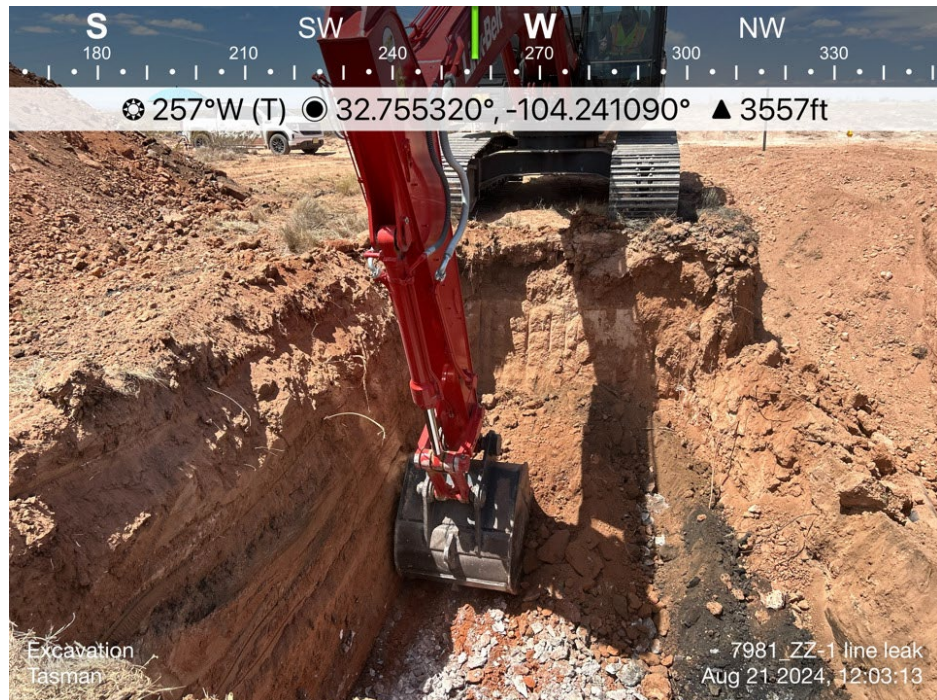
DCP Operating Company, LP

ZZ-1 Line Leak – nAPP2422124658



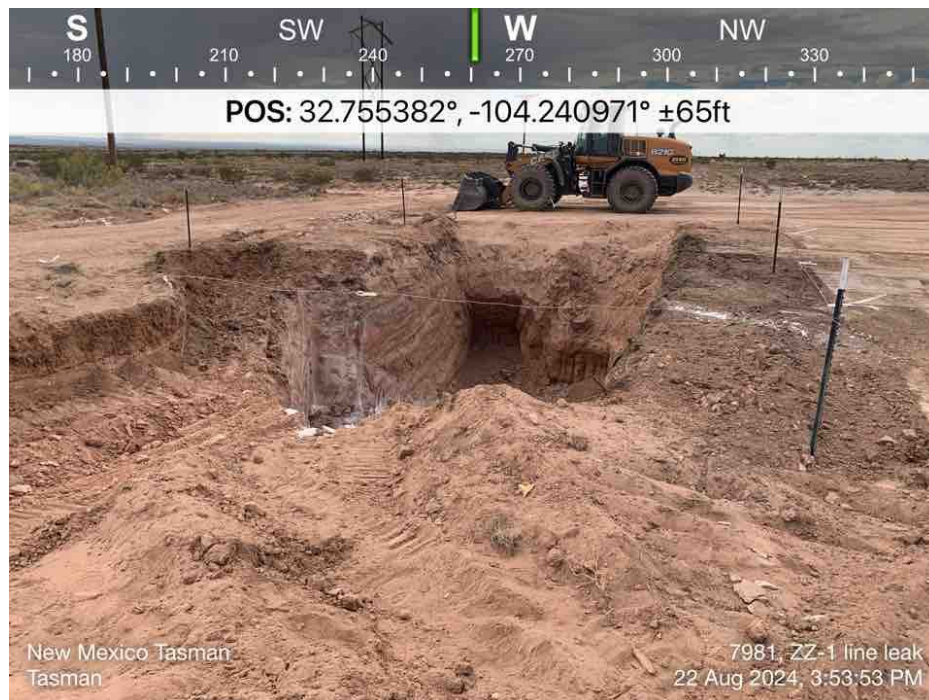
DCP Operating Company, LP

ZZ-1 Line Leak – nAPP2422124658



DCP Operating Company, LP

ZZ-1 Line Leak – nAPP2422124658



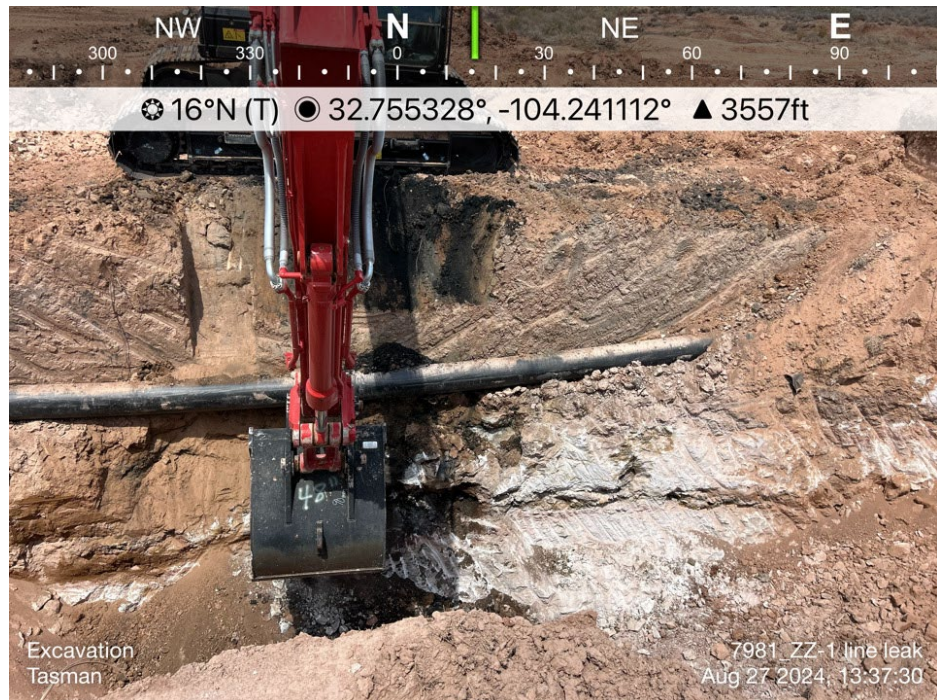
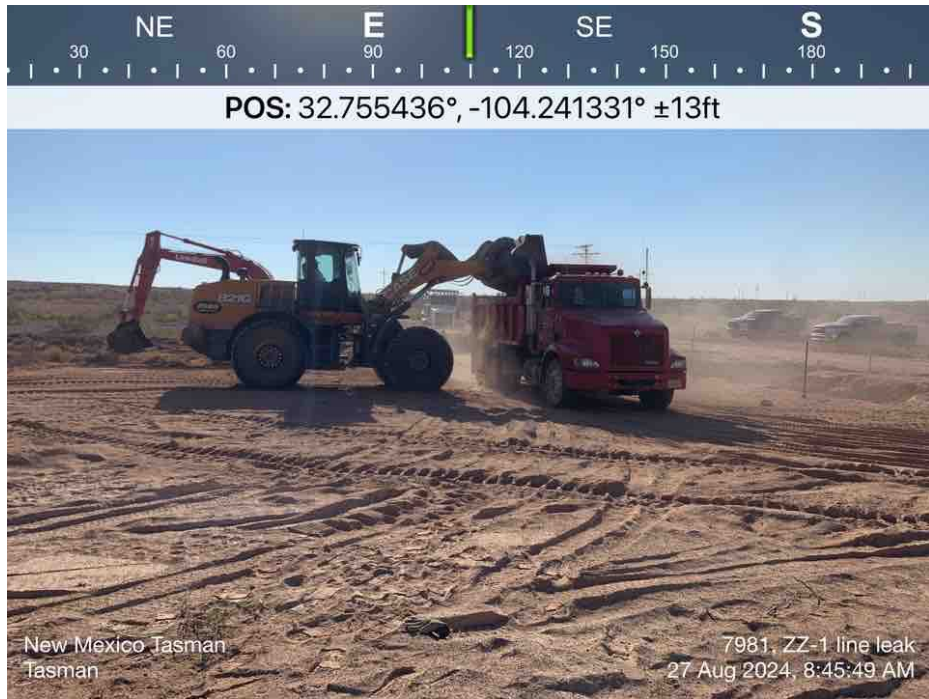
DCP Operating Company, LP

ZZ-1 Line Leak – nAPP2422124658



DCP Operating Company, LP

ZZ-1 Line Leak – nAPP2422124658



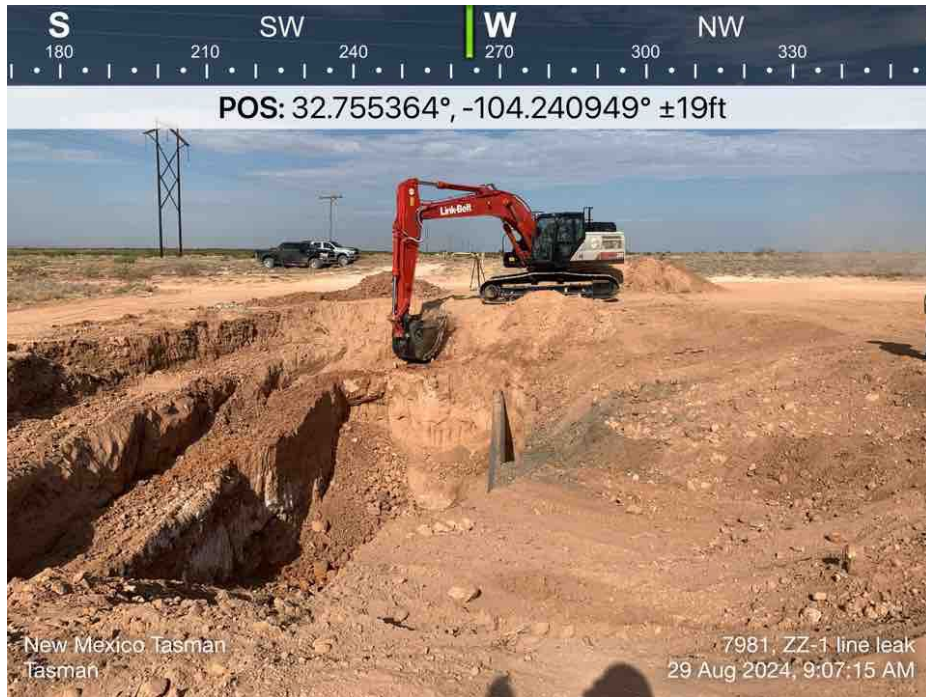
DCP Operating Company, LP

ZZ-1 Line Leak – nAPP2422124658



DCP Operating Company, LP

ZZ-1 Line Leak – nAPP2422124658



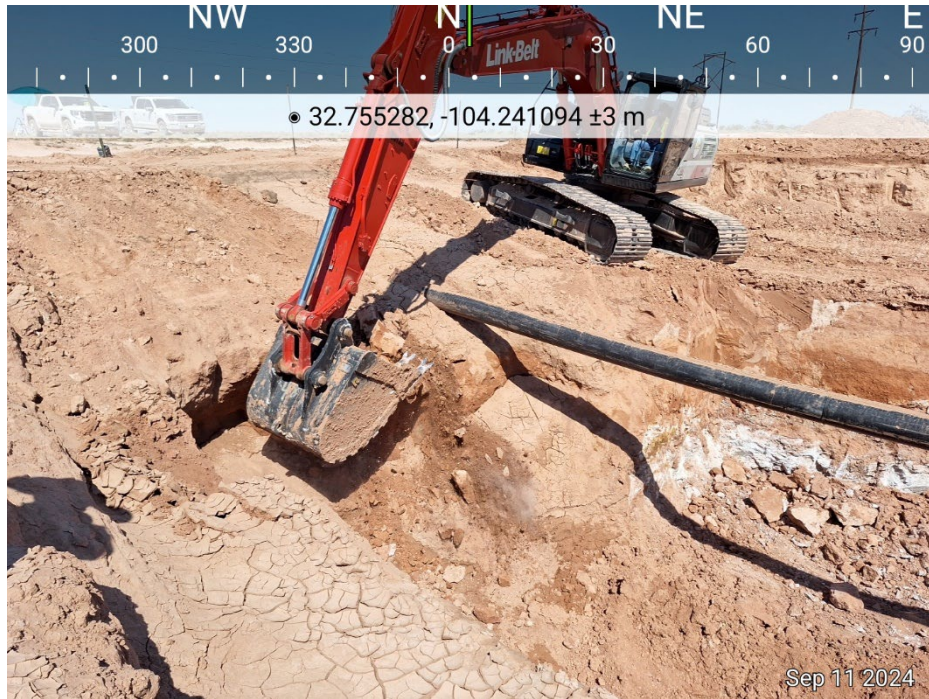
DCP Operating Company, LP

ZZ-1 Line Leak – nAPP2422124658



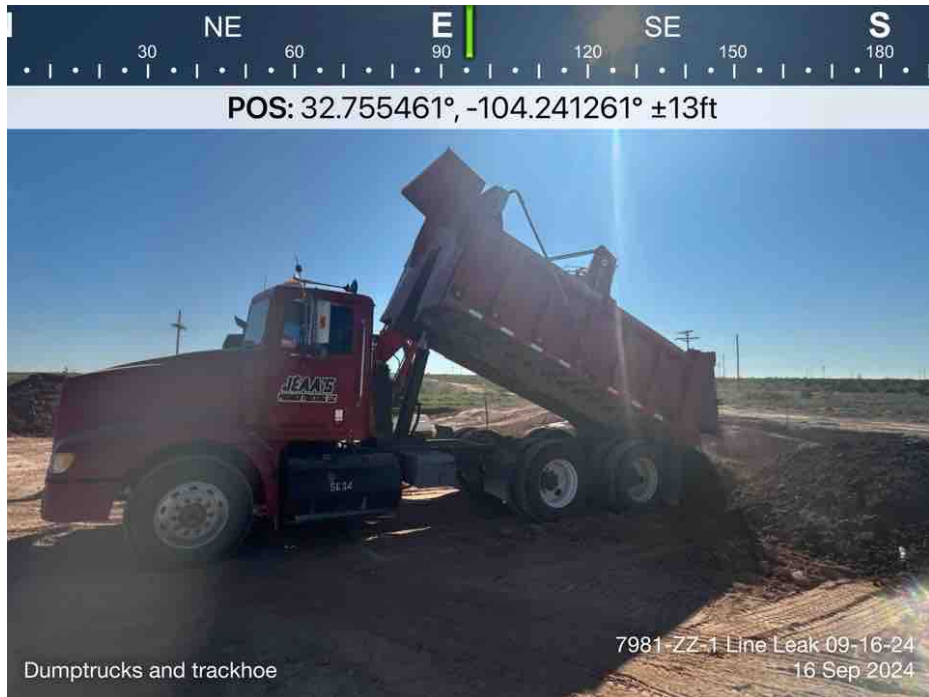
DCP Operating Company, LP

ZZ-1 Line Leak – nAPP2422124658



DCP Operating Company, LP

ZZ-1 Line Leak – nAPP2422124658



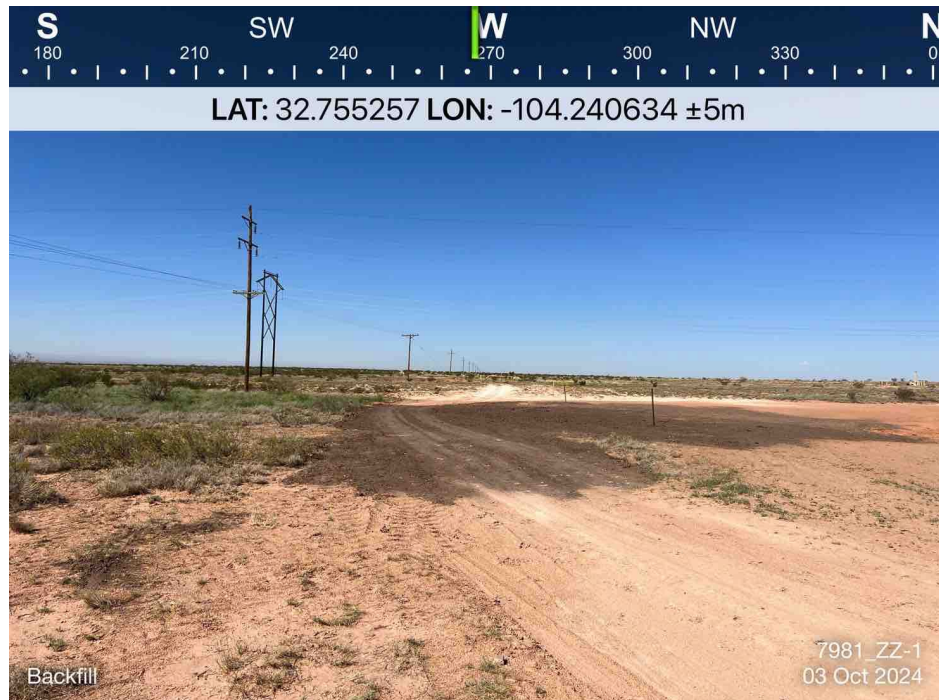
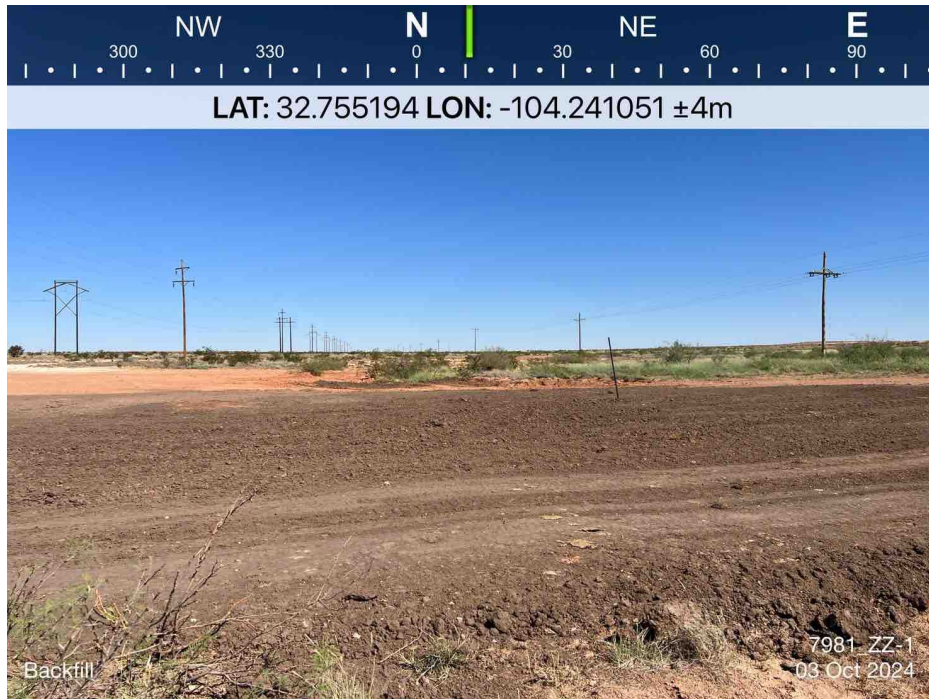
DCP Operating Company, LP

ZZ-1 Line Leak – nAPP2422124658



DCP Operating Company, LP

ZZ-1 Line Leak – nAPP2422124658



Appendix E – Certified Laboratory Analytical Reports



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

August 16, 2024

KYLE NORMAN

TASMAN GEOSCIENCES

6899 PECOS ST. UNIT C

DENVER, CO 80221

RE: 7981_ZZ-1 LINE LEAK

Enclosed are the results of analyses for samples received by the laboratory on 08/12/24 8:39.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 08/12/2024
 Reported: 08/16/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 08/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: HA - 1 @ 1' (H244846-02)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2024	ND	2.32	116	2.00	4.25	
Toluene*	0.083	0.050	08/13/2024	ND	2.06	103	2.00	7.65	
Ethylbenzene*	0.052	0.050	08/13/2024	ND	2.00	99.8	2.00	9.81	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.03	100	6.00	9.58	
Total BTX	<0.300	0.300	08/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/14/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2024	ND	208	104	200	1.63	
DRO >C10-C28*	11.1	10.0	08/13/2024	ND	198	99.2	200	0.687	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					

Surrogate: 1-Chlorooctane 99.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 08/12/2024
 Reported: 08/16/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 08/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: HA - 1 @ 4' (H244846-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/13/2024	ND	2.32	116	2.00	4.25		
Toluene*	<0.050	0.050	08/13/2024	ND	2.06	103	2.00	7.65		
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.00	99.8	2.00	9.81		
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.03	100	6.00	9.58		
Total BTEX	<0.300	0.300	08/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/14/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2024	ND	208	104	200	1.63	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	198	99.2	200	0.687	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					

Surrogate: 1-Chlorooctane 93.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 08/12/2024
 Reported: 08/16/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 08/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: HA - 2 @ 2' (H244846-08)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2024	ND	2.32	116	2.00	4.25	
Toluene*	<0.050	0.050	08/13/2024	ND	2.06	103	2.00	7.65	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.00	99.8	2.00	9.81	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.03	100	6.00	9.58	
Total BTEX	<0.300	0.300	08/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/14/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2024	ND	208	104	200	1.63	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	198	99.2	200	0.687	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					

Surrogate: 1-Chlorooctane 95.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 08/12/2024
 Reported: 08/16/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 08/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: HA - 2 @ 4' (H244846-10)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2024	ND	2.32	116	2.00	4.25	
Toluene*	<0.050	0.050	08/13/2024	ND	2.06	103	2.00	7.65	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.00	99.8	2.00	9.81	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.03	100	6.00	9.58	
Total BTEX	<0.300	0.300	08/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/14/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2024	ND	208	104	200	1.63	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	198	99.2	200	0.687	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					

Surrogate: 1-Chlorooctane 88.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 08/12/2024
 Reported: 08/16/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 08/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: HA - 3 @ 2' (H244846-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/13/2024	ND	2.32	116	2.00	4.25		
Toluene*	<0.050	0.050	08/13/2024	ND	2.06	103	2.00	7.65		
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.00	99.8	2.00	9.81		
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.03	100	6.00	9.58		
Total BTEX	<0.300	0.300	08/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/14/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2024	ND	208	104	200	1.63	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	198	99.2	200	0.687	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					

Surrogate: 1-Chlorooctane 94.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 08/12/2024
 Reported: 08/16/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 08/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: HA - 3 @ 4' (H244846-15)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.091	0.050	08/13/2024	ND	2.32	116	2.00	4.25	
Toluene*	0.210	0.050	08/13/2024	ND	2.06	103	2.00	7.65	
Ethylbenzene*	0.077	0.050	08/13/2024	ND	2.00	99.8	2.00	9.81	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.03	100	6.00	9.58	
Total BTEX	0.479	0.300	08/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/14/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2024	ND	208	104	200	1.63	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	198	99.2	200	0.687	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					

Surrogate: 1-Chlorooctane 94.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 08/12/2024
 Reported: 08/16/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 08/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: HA - 4 @ 1' (H244846-17)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/14/2024	ND	2.32	116	2.00	4.25		
Toluene*	<0.050	0.050	08/14/2024	ND	2.06	103	2.00	7.65		
Ethylbenzene*	<0.050	0.050	08/14/2024	ND	2.00	99.8	2.00	9.81		
Total Xylenes*	<0.150	0.150	08/14/2024	ND	6.03	100	6.00	9.58		
Total BTEx	<0.300	0.300	08/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/14/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2024	ND	208	104	200	1.63	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	198	99.2	200	0.687	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					

Surrogate: 1-Chlorooctane 76.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.4 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 08/12/2024
 Reported: 08/16/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 08/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: HA - 4 @ 5' (H244846-21)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/14/2024	ND	2.32	116	2.00	4.25		
Toluene*	<0.050	0.050	08/14/2024	ND	2.06	103	2.00	7.65		
Ethylbenzene*	<0.050	0.050	08/14/2024	ND	2.00	99.8	2.00	9.81		
Total Xylenes*	<0.150	0.150	08/14/2024	ND	6.03	100	6.00	9.58		
Total BTEX	<0.300	0.300	08/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/14/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2024	ND	208	104	200	1.63	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	198	99.2	200	0.687	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					

Surrogate: 1-Chlorooctane 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 08/12/2024
 Reported: 08/16/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 08/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: HA - 5 @ 0-0.5' (H244846-22)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/14/2024	ND	2.32	116	2.00	4.25		
Toluene*	<0.050	0.050	08/14/2024	ND	2.06	103	2.00	7.65		
Ethylbenzene*	<0.050	0.050	08/14/2024	ND	2.00	99.8	2.00	9.81		
Total Xylenes*	<0.150	0.150	08/14/2024	ND	6.03	100	6.00	9.58		
Total BTEX	<0.300	0.300	08/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1310	16.0	08/14/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2024	ND	208	104	200	1.63	
DRO >C10-C28*	677	10.0	08/13/2024	ND	198	99.2	200	0.687	
EXT DRO >C28-C36	127	10.0	08/13/2024	ND					

Surrogate: 1-Chlorooctane 92.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 08/12/2024
 Reported: 08/16/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 08/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: HA - 5 @ 4' (H244846-26)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2024	ND	2.32	116	2.00	4.25	
Toluene*	<0.050	0.050	08/14/2024	ND	2.06	103	2.00	7.65	
Ethylbenzene*	<0.050	0.050	08/14/2024	ND	2.00	99.8	2.00	9.81	
Total Xylenes*	<0.150	0.150	08/14/2024	ND	6.03	100	6.00	9.58	
Total BTEx	<0.300	0.300	08/14/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/14/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2024	ND	208	104	200	1.63	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	198	99.2	200	0.687	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 08/12/2024
 Reported: 08/16/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 08/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: HA - 6 @ 0-0.5' (H244846-27)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.325	0.050	08/14/2024	ND	2.32	116	2.00	4.25	
Toluene*	1.16	0.050	08/14/2024	ND	2.06	103	2.00	7.65	
Ethylbenzene*	0.724	0.050	08/14/2024	ND	2.00	99.8	2.00	9.81	
Total Xylenes*	1.45	0.150	08/14/2024	ND	6.03	100	6.00	9.58	
Total BTEX	3.66	0.300	08/14/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/14/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	21.7	10.0	08/13/2024	ND	208	104	200	1.63	
DRO >C10-C28*	17.2	10.0	08/13/2024	ND	198	99.2	200	0.687	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					

Surrogate: 1-Chlorooctane 92.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 08/12/2024
 Reported: 08/16/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 08/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: HA - 6 @ 1' (H244846-28)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2024	ND	2.32	116	2.00	4.25	
Toluene*	0.114	0.050	08/14/2024	ND	2.06	103	2.00	7.65	
Ethylbenzene*	0.073	0.050	08/14/2024	ND	2.00	99.8	2.00	9.81	
Total Xylenes*	<0.150	0.150	08/14/2024	ND	6.03	100	6.00	9.58	
Total BTX	<0.300	0.300	08/14/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/14/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2024	ND	208	104	200	1.63	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	198	99.2	200	0.687	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					

Surrogate: 1-Chlorooctane 84.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 08/12/2024
 Reported: 08/16/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 08/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: HA - 7 @ 0-0.5' (H244846-29)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	44.5	1.00	08/14/2024	ND	2.32	116	2.00	4.25	
Toluene*	200	1.00	08/14/2024	ND	2.06	103	2.00	7.65	
Ethylbenzene*	134	1.00	08/14/2024	ND	2.00	99.8	2.00	9.81	
Total Xylenes*	242	3.00	08/14/2024	ND	6.03	100	6.00	9.58	
Total BTEX	620	6.00	08/14/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6800	16.0	08/14/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	14900	50.0	08/13/2024	ND	208	104	200	1.63	
DRO >C10-C28*	28700	50.0	08/13/2024	ND	198	99.2	200	0.687	
EXT DRO >C28-C36	3020	50.0	08/13/2024	ND					

Surrogate: 1-Chlorooctane 1230 % 48.2-134

Surrogate: 1-Chlorooctadecane 310 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 08/12/2024
 Reported: 08/16/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 08/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: HA - 7 @ 3' (H244846-32)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2024	ND	2.32	116	2.00	4.25	
Toluene*	<0.050	0.050	08/14/2024	ND	2.06	103	2.00	7.65	
Ethylbenzene*	<0.050	0.050	08/14/2024	ND	2.00	99.8	2.00	9.81	
Total Xylenes*	<0.150	0.150	08/14/2024	ND	6.03	100	6.00	9.58	
Total BTEx	<0.300	0.300	08/14/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/14/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2024	ND	208	104	200	1.63	
DRO >C10-C28*	17.3	10.0	08/13/2024	ND	198	99.2	200	0.687	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					

Surrogate: 1-Chlorooctane 92.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 08/12/2024
 Reported: 08/16/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 08/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: HA - 8 @ 1' (H244846-34)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2024	ND	2.32	116	2.00	4.25	
Toluene*	0.079	0.050	08/14/2024	ND	2.06	103	2.00	7.65	
Ethylbenzene*	<0.050	0.050	08/14/2024	ND	2.00	99.8	2.00	9.81	
Total Xylenes*	<0.150	0.150	08/14/2024	ND	6.03	100	6.00	9.58	
Total BTEX	<0.300	0.300	08/14/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/14/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2024	ND	208	104	200	1.63	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	198	99.2	200	0.687	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					

Surrogate: 1-Chlorooctane 71.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 08/12/2024
 Reported: 08/16/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 08/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: HA - 8 @ 2' (H244846-35)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2024	ND	2.32	116	2.00	4.25	
Toluene*	0.065	0.050	08/14/2024	ND	2.06	103	2.00	7.65	
Ethylbenzene*	<0.050	0.050	08/14/2024	ND	2.00	99.8	2.00	9.81	
Total Xylenes*	<0.150	0.150	08/14/2024	ND	6.03	100	6.00	9.58	
Total BTEX	<0.300	0.300	08/14/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/14/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2024	ND	208	104	200	1.63	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	198	99.2	200	0.687	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					

Surrogate: 1-Chlorooctane 79.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 08/12/2024
 Reported: 08/16/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 08/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: HA - 9 @ 0-0.5' (H244846-36)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.069	0.050	08/14/2024	ND	2.32	116	2.00	4.25	
Toluene*	0.200	0.050	08/14/2024	ND	2.06	103	2.00	7.65	
Ethylbenzene*	0.113	0.050	08/14/2024	ND	2.00	99.8	2.00	9.81	
Total Xylenes*	0.239	0.150	08/14/2024	ND	6.03	100	6.00	9.58	
Total BTEX	0.622	0.300	08/14/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/14/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2024	ND	208	104	200	1.63	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	198	99.2	200	0.687	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					

Surrogate: 1-Chlorooctane 92.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 08/12/2024
 Reported: 08/16/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 08/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: HA - 9 @ 2' (H244846-38)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2024	ND	2.32	116	2.00	4.25	
Toluene*	<0.050	0.050	08/14/2024	ND	2.06	103	2.00	7.65	
Ethylbenzene*	<0.050	0.050	08/14/2024	ND	2.00	99.8	2.00	9.81	
Total Xylenes*	<0.150	0.150	08/14/2024	ND	6.03	100	6.00	9.58	
Total BTX	<0.300	0.300	08/14/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/14/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2024	ND	208	104	200	1.63	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	198	99.2	200	0.687	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager




PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
- Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager



ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 4

[illegible]



ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 2 of 4

Company Name: Tasman Geosciences				BILL TO				ANALYSIS REQUEST																					
Project Manager: Kyle Norman				P.O. #:				<div style="display: flex; flex-direction: column; align-items: center;"> <div>TPH 8015 Ext</div> <div>BTEX</div> <div>Chlorides</div> <div>Hold</div> <div>24-hr Rush</div> </div>																					
Address: 2620 W. Marland Blvd.				Company: Tasman Geo																									
City: Hobbs		State: NM Zip: 88240		Attn: Kyle Norman																									
Phone #: 575-318-5017		Fax #:		Address: 2620 W. Marland																									
Project #: 7981		Project Owner: DCP Midstream		City: Hobbs																									
Project Name: 7981_ZZ-1 Line Leak				State: NM Zip: 88240																									
Project Location:				Phone #: 575-318-5017																									
Sampler Name: Brian Bastos				Fax #:																									
FOR LAB USE ONLY																													
Lab I.D.	Sample I.D.	(G/RAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV.	SAMPLING																				
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME															
H7-110501																													
11	HA-3 @ 0-0.5'	G	1			X				X			8/09/24	9:50				X											
12	HA-3 @ 1'	G	1			X				X			8/09/24	9:55				X											
13	HA-3 @ 2'	G	1			X				X			8/09/24	10:00	X	X	X												
14	HA-3 @ 3'	G	1			X				X			8/09/24	10:05				X											
15	HA-3 @ 4'	G	1			X				X			8/09/24	10:10	X	X	X												
16	HA-4 @ 0-0.5'	G	1			X				X			8/09/24	10:15				X											
17	HA-4 @ 1'	G	1			X				X			8/09/24	10:20	X	X	X												
18	HA-4 @ 2'	G	1			X				X			8/09/24	10:25				X											
19	HA-4 @ 3'	G	1			X				X			8/09/24	10:30				X											
20	HA-4 @ 4'	G	1			X				X			8/09/24	10:35				X											

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:	Date: 8-12-24	Received By:	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
	Time: 8:39		Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:		email results: NMData@tasman-geo.com	
			Janice.L.Hyman@p66.com; Albert.L.Hyman@p66.com	
Delivered By: (Circle One)	0-8-	Sample Condition Cool	CHECKED BY:	
Sampler - UPS - Bus - Other:	0-2-	Intact	(Initials)	
		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
		<input type="checkbox"/> No <input type="checkbox"/> No		

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476


ARDINAL LABORATORIES

 101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
 (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 3 of 4

Company Name: Tasman Geosciences				BILL TO				ANALYSIS REQUEST											
Project Manager: Kyle Norman				P.O. #:				<div style="display: flex; flex-direction: column; align-items: center;"> <div>TPH 8015 Ext</div> <div>BTEX</div> <div>Chlorides</div> <div>Hold</div> <div>24-hr Rush</div> </div>											
Address: 2620 W. Marland Blvd.				Company: Tasman Geo															
City: Hobbs		State: NM Zip: 88240		Attn: Kyle Norman															
Phone #: 575-318-5017		Fax #:		Address: 2620 W. Marland															
Project #: 7981		Project Owner: DCP Midstream		City: Hobbs															
Project Name: 7981_ZZ-1 Line Leak				State: NM Zip: 88240															
Project Location:				Phone #: 575-318-5017															
Sampler Name: Brian Bastos				Fax #:															
FOR LAB USE ONLY																			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV.	SAMPLING										
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL:	OTHER:	DATE	TIME					
1241810	HA-4 @ 5'	G	1			X				X			8/09/24	10:40	X	X	X		
21	HA-5 @ 0-0.5'	G	1			X				X			8/09/24	10:45	X	X	X		
22	HA-5 @ 1'	G	1			X				X			8/09/24	10:50			X		
23	HA-5 @ 2'	G	1			X				X			8/09/24	10:55			X		
24	HA-5 @ 3'	G	1			X				X			8/09/24	11:00			X		
25	HA-5 @ 4'	G	1			X				X			8/09/24	11:05	X	X	X		
26	HA-6 @ 0-0.5'	G	1			X				X			8/09/24	11:10	X	X	X		
27	HA-6 @ 1'	G	1			X				X			8/09/24	11:15	X	X	X		
28	HA-7 @ 0-0.5'	G	1			X				X			8/09/24	11:20	X	X	X		
29	HA-7 @ 1'	G	1			X				X			8/09/24	11:25			X		
30																			

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:	Date: 8/12/24	Received By:	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
	Time: 8:32		Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:		email results: NMDData@tasman-geo.com	
			Janice.L.Hyman@p66.com; Albert.L.Hyman@p66.com	
Delivered By: (Circle One)	Sample Condition Cool	CHECKED BY:		
Sampler - UPS - Bus - Other: 0.8i	Intact	(Initials)		
	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
			CF - 0.6i # 140	

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



ARDINAL LABORATORIES



101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 4 of 4

[illegible]

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: 	Date: 8-12-21 Time: 839	Received By: 	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No REMARKS: email results: NMDData@tasman-geo.com Janice.L.Hyman@p66.com; Albert.L.Hyman@p66.com
Relinquished By:	Date: Time:	Received By:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: Q-8 D-2	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) AD	CF-D-10-140

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

September 12, 2024

KYLE NORMAN

TASMAN GEOSCIENCES

6899 PECOS ST. UNIT C

DENVER, CO 80221

RE: 7981_ZZ-1 LINE LEAK

Enclosed are the results of analyses for samples received by the laboratory on 09/11/24 15:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 09/11/2024
 Reported: 09/12/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 09/11/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL - 1 @ 18' (H245499-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2024	ND	2.15	107	2.00	3.37	
Toluene*	<0.050	0.050	09/11/2024	ND	2.07	103	2.00	2.56	
Ethylbenzene*	<0.050	0.050	09/11/2024	ND	2.07	103	2.00	2.21	
Total Xylenes*	<0.150	0.150	09/11/2024	ND	6.18	103	6.00	2.26	
Total BTX	<0.300	0.300	09/11/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/12/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2024	ND	204	102	200	0.927	
DRO >C10-C28*	<10.0	10.0	09/11/2024	ND	198	98.8	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	09/11/2024	ND					

Surrogate: 1-Chlorooctane 82.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 09/11/2024
 Reported: 09/12/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 09/11/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL - 2 @ 18' (H245499-02)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/11/2024	ND	2.15	107	2.00	3.37		
Toluene*	<0.050	0.050	09/11/2024	ND	2.07	103	2.00	2.56		
Ethylbenzene*	<0.050	0.050	09/11/2024	ND	2.07	103	2.00	2.21		
Total Xylenes*	<0.150	0.150	09/11/2024	ND	6.18	103	6.00	2.26		
Total BTX	<0.300	0.300	09/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/12/2024	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2024	ND	204	102	200	0.927	
DRO >C10-C28*	<10.0	10.0	09/11/2024	ND	198	98.8	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	09/11/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 09/11/2024
 Reported: 09/12/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 09/11/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL - 3 @ 18' (H245499-03)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/11/2024	ND	2.15	107	2.00	3.37		
Toluene*	<0.050	0.050	09/11/2024	ND	2.07	103	2.00	2.56		
Ethylbenzene*	<0.050	0.050	09/11/2024	ND	2.07	103	2.00	2.21		
Total Xylenes*	<0.150	0.150	09/11/2024	ND	6.18	103	6.00	2.26		
Total BTX	<0.300	0.300	09/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/12/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2024	ND	204	102	200	0.927	
DRO >C10-C28*	<10.0	10.0	09/11/2024	ND	198	98.8	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	09/11/2024	ND					

Surrogate: 1-Chlorooctane 98.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 09/11/2024
 Reported: 09/12/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 09/11/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL - 4 @ 18' (H245499-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/11/2024	ND	2.15	107	2.00	3.37		
Toluene*	<0.050	0.050	09/11/2024	ND	2.07	103	2.00	2.56		
Ethylbenzene*	<0.050	0.050	09/11/2024	ND	2.07	103	2.00	2.21		
Total Xylenes*	<0.150	0.150	09/11/2024	ND	6.18	103	6.00	2.26		
Total BTEx	<0.300	0.300	09/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/12/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2024	ND	204	102	200	0.927	
DRO >C10-C28*	<10.0	10.0	09/11/2024	ND	198	98.8	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	09/11/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 09/11/2024
 Reported: 09/12/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 09/11/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL - 5 @ 18' (H245499-05)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/11/2024	ND	2.15	107	2.00	3.37		
Toluene*	<0.050	0.050	09/11/2024	ND	2.07	103	2.00	2.56		
Ethylbenzene*	<0.050	0.050	09/11/2024	ND	2.07	103	2.00	2.21		
Total Xylenes*	<0.150	0.150	09/11/2024	ND	6.18	103	6.00	2.26		
Total BTX	<0.300	0.300	09/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/12/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2024	ND	204	102	200	0.927	
DRO >C10-C28*	<10.0	10.0	09/11/2024	ND	198	98.8	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	09/11/2024	ND					

Surrogate: 1-Chlorooctane 94.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 09/11/2024
 Reported: 09/12/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 09/11/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL - 6 @ 18' (H245499-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/11/2024	ND	2.15	107	2.00	3.37		
Toluene*	<0.050	0.050	09/11/2024	ND	2.07	103	2.00	2.56		
Ethylbenzene*	<0.050	0.050	09/11/2024	ND	2.07	103	2.00	2.21		
Total Xylenes*	<0.150	0.150	09/11/2024	ND	6.18	103	6.00	2.26		
Total BTEx	<0.300	0.300	09/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/12/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2024	ND	204	102	200	0.927	
DRO >C10-C28*	<10.0	10.0	09/11/2024	ND	198	98.8	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	09/11/2024	ND					

Surrogate: 1-Chlorooctane 96.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 09/11/2024
 Reported: 09/12/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 09/11/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL - 7 @ 18' (H245499-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/11/2024	ND	2.15	107	2.00	3.37		
Toluene*	<0.050	0.050	09/11/2024	ND	2.07	103	2.00	2.56		
Ethylbenzene*	<0.050	0.050	09/11/2024	ND	2.07	103	2.00	2.21		
Total Xylenes*	<0.150	0.150	09/11/2024	ND	6.18	103	6.00	2.26		
Total BTEx	<0.300	0.300	09/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/12/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2024	ND	204	102	200	0.927	
DRO >C10-C28*	<10.0	10.0	09/11/2024	ND	198	98.8	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	09/11/2024	ND					

Surrogate: 1-Chlorooctane 99.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 09/11/2024
 Reported: 09/12/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 09/11/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL - 8 @ 18' (H245499-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/11/2024	ND	2.15	107	2.00	3.37		
Toluene*	<0.050	0.050	09/11/2024	ND	2.07	103	2.00	2.56		
Ethylbenzene*	<0.050	0.050	09/11/2024	ND	2.07	103	2.00	2.21		
Total Xylenes*	<0.150	0.150	09/11/2024	ND	6.18	103	6.00	2.26		
Total BTEX	<0.300	0.300	09/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	09/12/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2024	ND	204	102	200	0.927	
DRO >C10-C28*	<10.0	10.0	09/11/2024	ND	198	98.8	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	09/11/2024	ND					

Surrogate: 1-Chlorooctane 97.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 09/11/2024
 Reported: 09/12/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 09/11/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL - 9 @ 18' (H245499-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/11/2024	ND	2.15	107	2.00	3.37		
Toluene*	<0.050	0.050	09/11/2024	ND	2.07	103	2.00	2.56		
Ethylbenzene*	<0.050	0.050	09/11/2024	ND	2.07	103	2.00	2.21		
Total Xylenes*	<0.150	0.150	09/11/2024	ND	6.18	103	6.00	2.26		
Total BTEx	<0.300	0.300	09/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/12/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2024	ND	204	102	200	0.927	
DRO >C10-C28*	<10.0	10.0	09/11/2024	ND	198	98.8	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	09/11/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 09/11/2024
 Reported: 09/12/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 09/11/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL - 10 @ 18' (H245499-10)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2024	ND	2.15	107	2.00	3.37	
Toluene*	<0.050	0.050	09/11/2024	ND	2.07	103	2.00	2.56	
Ethylbenzene*	<0.050	0.050	09/11/2024	ND	2.07	103	2.00	2.21	
Total Xylenes*	<0.150	0.150	09/11/2024	ND	6.18	103	6.00	2.26	
Total BTEX	<0.300	0.300	09/11/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/12/2024	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2024	ND	185	92.3	200	0.700	
DRO >C10-C28*	<10.0	10.0	09/11/2024	ND	181	90.3	200	0.208	
EXT DRO >C28-C36	<10.0	10.0	09/11/2024	ND					

Surrogate: 1-Chlorooctane 91.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 09/11/2024
 Reported: 09/12/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 09/11/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL - 11 @ 18' (H245499-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/11/2024	ND	2.15	107	2.00	3.37		
Toluene*	<0.050	0.050	09/11/2024	ND	2.07	103	2.00	2.56		
Ethylbenzene*	<0.050	0.050	09/11/2024	ND	2.07	103	2.00	2.21		
Total Xylenes*	<0.150	0.150	09/11/2024	ND	6.18	103	6.00	2.26		
Total BTEx	<0.300	0.300	09/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/12/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2024	ND	185	92.3	200	0.700	
DRO >C10-C28*	<10.0	10.0	09/11/2024	ND	181	90.3	200	0.208	
EXT DRO >C28-C36	<10.0	10.0	09/11/2024	ND					

Surrogate: 1-Chlorooctane 83.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.0 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 09/11/2024
 Reported: 09/12/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 09/11/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL - 12 @ 18' (H245499-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/11/2024	ND	2.15	107	2.00	3.37		
Toluene*	<0.050	0.050	09/11/2024	ND	2.07	103	2.00	2.56		
Ethylbenzene*	<0.050	0.050	09/11/2024	ND	2.07	103	2.00	2.21		
Total Xylenes*	<0.150	0.150	09/11/2024	ND	6.18	103	6.00	2.26		
Total BTEx	<0.300	0.300	09/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/12/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2024	ND	185	92.3	200	0.700	
DRO >C10-C28*	10.2	10.0	09/11/2024	ND	181	90.3	200	0.208	
EXT DRO >C28-C36	<10.0	10.0	09/11/2024	ND					

Surrogate: 1-Chlorooctane 87.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 09/11/2024
 Reported: 09/12/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 09/11/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL - 13 @ 18' (H245499-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/11/2024	ND	2.15	107	2.00	3.37		
Toluene*	<0.050	0.050	09/11/2024	ND	2.07	103	2.00	2.56		
Ethylbenzene*	<0.050	0.050	09/11/2024	ND	2.07	103	2.00	2.21		
Total Xylenes*	<0.150	0.150	09/11/2024	ND	6.18	103	6.00	2.26		
Total BTEx	<0.300	0.300	09/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/12/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2024	ND	185	92.3	200	0.700	
DRO >C10-C28*	<10.0	10.0	09/11/2024	ND	181	90.3	200	0.208	
EXT DRO >C28-C36	<10.0	10.0	09/11/2024	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 09/11/2024
 Reported: 09/12/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 09/11/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL - 14 @ 18' (H245499-14)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/11/2024	ND	2.15	107	2.00	3.37		
Toluene*	<0.050	0.050	09/11/2024	ND	2.07	103	2.00	2.56		
Ethylbenzene*	<0.050	0.050	09/11/2024	ND	2.07	103	2.00	2.21		
Total Xylenes*	<0.150	0.150	09/11/2024	ND	6.18	103	6.00	2.26		
Total BTEX	<0.300	0.300	09/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/12/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	185	92.3	200	0.700	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	181	90.3	200	0.208	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 09/11/2024
 Reported: 09/12/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 09/11/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL - 15 @ 18' (H245499-15)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/11/2024	ND	2.15	107	2.00	3.37		
Toluene*	<0.050	0.050	09/11/2024	ND	2.07	103	2.00	2.56		
Ethylbenzene*	<0.050	0.050	09/11/2024	ND	2.07	103	2.00	2.21		
Total Xylenes*	<0.150	0.150	09/11/2024	ND	6.18	103	6.00	2.26		
Total BTX	<0.300	0.300	09/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	09/12/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	185	92.3	200	0.700	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	181	90.3	200	0.208	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					

Surrogate: 1-Chlorooctane 95.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 09/11/2024
 Reported: 09/12/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 09/11/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL - 16 @ 18' (H245499-16)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/11/2024	ND	2.15	107	2.00	3.37		
Toluene*	<0.050	0.050	09/11/2024	ND	2.07	103	2.00	2.56		
Ethylbenzene*	<0.050	0.050	09/11/2024	ND	2.07	103	2.00	2.21		
Total Xylenes*	<0.150	0.150	09/11/2024	ND	6.18	103	6.00	2.26		
Total BTEX	<0.300	0.300	09/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/12/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	185	92.3	200	0.700	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	181	90.3	200	0.208	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					

Surrogate: 1-Chlorooctane 87.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 09/11/2024
 Reported: 09/12/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 09/11/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: W - 1 (H245499-17)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/11/2024	ND	2.15	107	2.00	3.37		
Toluene*	<0.050	0.050	09/11/2024	ND	2.07	103	2.00	2.56		
Ethylbenzene*	<0.050	0.050	09/11/2024	ND	2.07	103	2.00	2.21		
Total Xylenes*	<0.150	0.150	09/11/2024	ND	6.18	103	6.00	2.26		
Total BTEX	<0.300	0.300	09/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/12/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	185	92.3	200	0.700	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	181	90.3	200	0.208	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					

Surrogate: 1-Chlorooctane 95.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 09/11/2024
 Reported: 09/12/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 09/11/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: W - 2 (H245499-18)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/11/2024	ND	2.15	107	2.00	3.37		
Toluene*	<0.050	0.050	09/11/2024	ND	2.07	103	2.00	2.56		
Ethylbenzene*	<0.050	0.050	09/11/2024	ND	2.07	103	2.00	2.21		
Total Xylenes*	<0.150	0.150	09/11/2024	ND	6.18	103	6.00	2.26		
Total BTEX	<0.300	0.300	09/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/12/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	185	92.3	200	0.700	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	181	90.3	200	0.208	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					

Surrogate: 1-Chlorooctane 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 09/11/2024
 Reported: 09/12/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 09/11/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: W - 3 (H245499-19)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/11/2024	ND	2.15	107	2.00	3.37		
Toluene*	<0.050	0.050	09/11/2024	ND	2.07	103	2.00	2.56		
Ethylbenzene*	<0.050	0.050	09/11/2024	ND	2.07	103	2.00	2.21		
Total Xylenes*	<0.150	0.150	09/11/2024	ND	6.18	103	6.00	2.26		
Total BTEX	<0.300	0.300	09/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/12/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	185	92.3	200	0.700	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	181	90.3	200	0.208	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					

Surrogate: 1-Chlorooctane 89.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 09/11/2024
 Reported: 09/12/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 09/11/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: W - 4 (H245499-20)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/11/2024	ND	2.15	107	2.00	3.37		
Toluene*	<0.050	0.050	09/11/2024	ND	2.07	103	2.00	2.56		
Ethylbenzene*	<0.050	0.050	09/11/2024	ND	2.07	103	2.00	2.21		
Total Xylenes*	<0.150	0.150	09/11/2024	ND	6.18	103	6.00	2.26		
Total BTEx	<0.300	0.300	09/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/12/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	185	92.3	200	0.700	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	181	90.3	200	0.208	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					

Surrogate: 1-Chlorooctane 96.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 09/11/2024
 Reported: 09/12/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 09/11/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: W - 5 (H245499-21)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/11/2024	ND	2.26	113	2.00	2.54		
Toluene*	<0.050	0.050	09/11/2024	ND	2.28	114	2.00	0.170		
Ethylbenzene*	<0.050	0.050	09/11/2024	ND	2.27	113	2.00	1.34		
Total Xylenes*	<0.150	0.150	09/11/2024	ND	6.99	117	6.00	1.69		
Total BTEX	<0.300	0.300	09/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	09/12/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	185	92.3	200	0.700	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	181	90.3	200	0.208	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					

Surrogate: 1-Chlorooctane 81.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 09/11/2024
 Reported: 09/12/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 09/11/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: W - 6 (H245499-22)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2024	ND	2.26	113	2.00	2.54	
Toluene*	<0.050	0.050	09/11/2024	ND	2.28	114	2.00	0.170	
Ethylbenzene*	<0.050	0.050	09/11/2024	ND	2.27	113	2.00	1.34	
Total Xylenes*	<0.150	0.150	09/11/2024	ND	6.99	117	6.00	1.69	
Total BTEX	<0.300	0.300	09/11/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/12/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	185	92.3	200	0.700	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	181	90.3	200	0.208	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 09/11/2024
 Reported: 09/12/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 09/11/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: W - 7 (H245499-23)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2024	ND	2.26	113	2.00	2.54	
Toluene*	<0.050	0.050	09/11/2024	ND	2.28	114	2.00	0.170	
Ethylbenzene*	<0.050	0.050	09/11/2024	ND	2.27	113	2.00	1.34	
Total Xylenes*	<0.150	0.150	09/11/2024	ND	6.99	117	6.00	1.69	
Total BTEX	<0.300	0.300	09/11/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/12/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	185	92.3	200	0.700	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	181	90.3	200	0.208	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					

Surrogate: 1-Chlorooctane 95.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 09/11/2024
 Reported: 09/12/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 09/11/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: W - 8 (H245499-24)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/11/2024	ND	2.26	113	2.00	2.54		
Toluene*	<0.050	0.050	09/11/2024	ND	2.28	114	2.00	0.170		
Ethylbenzene*	<0.050	0.050	09/11/2024	ND	2.27	113	2.00	1.34		
Total Xylenes*	<0.150	0.150	09/11/2024	ND	6.99	117	6.00	1.69		
Total BTEX	<0.300	0.300	09/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/12/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	185	92.3	200	0.700	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	181	90.3	200	0.208	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					

Surrogate: 1-Chlorooctane 96.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 09/11/2024
 Reported: 09/12/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 09/11/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: W - 9 (H245499-25)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/11/2024	ND	2.26	113	2.00	2.54		
Toluene*	<0.050	0.050	09/11/2024	ND	2.28	114	2.00	0.170		
Ethylbenzene*	<0.050	0.050	09/11/2024	ND	2.27	113	2.00	1.34		
Total Xylenes*	<0.150	0.150	09/11/2024	ND	6.99	117	6.00	1.69		
Total BTEx	<0.300	0.300	09/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/12/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	185	92.3	200	0.700	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	181	90.3	200	0.208	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					

Surrogate: 1-Chlorooctane 97.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 09/11/2024
 Reported: 09/12/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 09/11/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: W - 10 (H245499-26)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/11/2024	ND	2.26	113	2.00	2.54		
Toluene*	<0.050	0.050	09/11/2024	ND	2.28	114	2.00	0.170		
Ethylbenzene*	<0.050	0.050	09/11/2024	ND	2.27	113	2.00	1.34		
Total Xylenes*	<0.150	0.150	09/11/2024	ND	6.99	117	6.00	1.69		
Total BTEx	<0.300	0.300	09/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/12/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	185	92.3	200	0.700	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	181	90.3	200	0.208	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					

Surrogate: 1-Chlorooctane 97.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 09/11/2024
 Reported: 09/12/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 09/11/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: W - 11 (H245499-27)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2024	ND	2.26	113	2.00	2.54	
Toluene*	<0.050	0.050	09/11/2024	ND	2.28	114	2.00	0.170	
Ethylbenzene*	<0.050	0.050	09/11/2024	ND	2.27	113	2.00	1.34	
Total Xylenes*	<0.150	0.150	09/11/2024	ND	6.99	117	6.00	1.69	
Total BTEX	<0.300	0.300	09/11/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/12/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	185	92.3	200	0.700	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	181	90.3	200	0.208	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					

Surrogate: 1-Chlorooctane 96.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 09/11/2024
 Reported: 09/12/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 09/11/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: W - 12 (H245499-28)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/11/2024	ND	2.26	113	2.00	2.54		
Toluene*	<0.050	0.050	09/11/2024	ND	2.28	114	2.00	0.170		
Ethylbenzene*	<0.050	0.050	09/11/2024	ND	2.27	113	2.00	1.34		
Total Xylenes*	<0.150	0.150	09/11/2024	ND	6.99	117	6.00	1.69		
Total BTEx	<0.300	0.300	09/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/12/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	185	92.3	200	0.700	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	181	90.3	200	0.208	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					

Surrogate: 1-Chlorooctane 95.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 09/11/2024
 Reported: 09/12/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 09/11/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: W - 13 (H245499-29)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2024	ND	2.26	113	2.00	2.54		
Toluene*	<0.050	0.050	09/12/2024	ND	2.28	114	2.00	0.170		
Ethylbenzene*	<0.050	0.050	09/12/2024	ND	2.27	113	2.00	1.34		
Total Xylenes*	<0.150	0.150	09/12/2024	ND	6.99	117	6.00	1.69		
Total BTEx	<0.300	0.300	09/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/12/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	185	92.3	200	0.700	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	181	90.3	200	0.208	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					

Surrogate: 1-Chlorooctane 93.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 09/11/2024
 Reported: 09/12/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 09/11/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: W - 14 (H245499-30)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2024	ND	2.26	113	2.00	2.54		
Toluene*	<0.050	0.050	09/12/2024	ND	2.28	114	2.00	0.170		
Ethylbenzene*	<0.050	0.050	09/12/2024	ND	2.27	113	2.00	1.34		
Total Xylenes*	<0.150	0.150	09/12/2024	ND	6.99	117	6.00	1.69		
Total BTEx	<0.300	0.300	09/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/12/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	193	96.4	200	0.445	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	190	94.9	200	0.905	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 09/11/2024
 Reported: 09/12/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 09/11/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: W - 15 (H245499-31)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2024	ND	2.26	113	2.00	2.54		
Toluene*	<0.050	0.050	09/12/2024	ND	2.28	114	2.00	0.170		
Ethylbenzene*	<0.050	0.050	09/12/2024	ND	2.27	113	2.00	1.34		
Total Xylenes*	<0.150	0.150	09/12/2024	ND	6.99	117	6.00	1.69		
Total BTEx	<0.300	0.300	09/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/12/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	193	96.4	200	0.445	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	190	94.9	200	0.905	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					

Surrogate: 1-Chlorooctane 82.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.0 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 09/11/2024
 Reported: 09/12/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 09/11/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: W - 16 (H245499-32)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2024	ND	2.26	113	2.00	2.54		
Toluene*	<0.050	0.050	09/12/2024	ND	2.28	114	2.00	0.170		
Ethylbenzene*	<0.050	0.050	09/12/2024	ND	2.27	113	2.00	1.34		
Total Xylenes*	<0.150	0.150	09/12/2024	ND	6.99	117	6.00	1.69		
Total BTEx	<0.300	0.300	09/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/12/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	193	96.4	200	0.445	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	190	94.9	200	0.905	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 09/11/2024
 Reported: 09/12/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 09/11/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: W - 17 (H245499-33)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2024	ND	2.26	113	2.00	2.54	
Toluene*	<0.050	0.050	09/12/2024	ND	2.28	114	2.00	0.170	
Ethylbenzene*	<0.050	0.050	09/12/2024	ND	2.27	113	2.00	1.34	
Total Xylenes*	<0.150	0.150	09/12/2024	ND	6.99	117	6.00	1.69	
Total BTEX	<0.300	0.300	09/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/12/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	193	96.4	200	0.445	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	190	94.9	200	0.905	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					

Surrogate: 1-Chlorooctane 99.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 09/11/2024
 Reported: 09/12/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 09/11/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: W - 18 (H245499-34)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2024	ND	2.26	113	2.00	2.54		
Toluene*	<0.050	0.050	09/12/2024	ND	2.28	114	2.00	0.170		
Ethylbenzene*	<0.050	0.050	09/12/2024	ND	2.27	113	2.00	1.34		
Total Xylenes*	<0.150	0.150	09/12/2024	ND	6.99	117	6.00	1.69		
Total BTEX	<0.300	0.300	09/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/12/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	193	96.4	200	0.445	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	190	94.9	200	0.905	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 09/11/2024
 Reported: 09/12/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 09/11/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: W - 19 (H245499-35)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2024	ND	2.26	113	2.00	2.54		
Toluene*	<0.050	0.050	09/12/2024	ND	2.28	114	2.00	0.170		
Ethylbenzene*	<0.050	0.050	09/12/2024	ND	2.27	113	2.00	1.34		
Total Xylenes*	<0.150	0.150	09/12/2024	ND	6.99	117	6.00	1.69		
Total BTEx	<0.300	0.300	09/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	09/12/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	193	96.4	200	0.445	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	190	94.9	200	0.905	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 09/11/2024
 Reported: 09/12/2024
 Project Name: 7981_ZZ-1 LINE LEAK
 Project Number: 7981
 Project Location: NONE GIVEN

Sampling Date: 09/11/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: W - 20 (H245499-36)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2024	ND	2.26	113	2.00	2.54		
Toluene*	<0.050	0.050	09/12/2024	ND	2.28	114	2.00	0.170		
Ethylbenzene*	<0.050	0.050	09/12/2024	ND	2.27	113	2.00	1.34		
Total Xylenes*	<0.150	0.150	09/12/2024	ND	6.99	117	6.00	1.69		
Total BTEX	<0.300	0.300	09/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/12/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	193	96.4	200	0.445	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	190	94.9	200	0.905	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					

Surrogate: 1-Chlorooctane 96.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Coley D. Keene

Coley D. Keene, Lab Director/Quality Manager

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Tasman Geosciences										BILL TO		ANALYSIS REQUEST											
Project Manager: Kyle Norman										P.O. #:		<div style="display: flex; flex-direction: column; align-items: center;"> <div>TPH 8015 Ext</div> <div>BTEX</div> <div>Chlorides</div> <div>Hold</div> <div>24-hr Rush</div> <div>48-Hr Rush</div> </div>											
Address: 2620 W. Marland Blvd.										Company: Tasman Geo													
City: Hobbs State: NM Zip: 88240										Attn: Kyle Norman													
Phone #: 575-318-5017 Fax #:										Address: 2620 W. Marland													
Project #: Project Owner: DCP Midstream										City: Hobbs													
Project Name: 7981 ZZ Line Leak										State: NM Zip: 88240													
Project Location:										Phone #: 575-318-5017													
Sampler Name: Oscar Garcia										Fax #:													
FOR LAB USE ONLY		Lab I.D.		Sample I.D.		(GRAB OR C/OMP. # CONTAINERS)		MATRIX		PRESERV.		SAMPLING											
						GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER		ACID/BASE: ICE / COOL OTHER		DATE		TIME											
1245499		W-15		G 1		X		X		9/11/24		10:13		X X X X									
31		W-16		G 1		X		X		9/11/24		10:15		X X X X									
32		W-17		G 1		X		X		9/11/24		10:17		X X X X									
33		W-18		G 1		X		X		9/11/24		10:19		X X X X									
34		W-19		G 1		X		X		9/11/24		10:21		X X X X									
35		W-20		G 1		X		X		9/11/24		10:23		X X X X									
36																							

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:		Date: 9/11/24	Received By:		Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Add'l Phone #:	
Time: 1500		Signature: [Signature]		Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Add'l Fax #:		
Relinquished By:		Date:	Received By:		REMARKS:			
Time:				email results: NMDData@tasman-geo.com				
Delivered By: (Circle One)		Sample Condition Cool		CHECKED BY: (Initials)				
Sampler - UPS - Bus - Other: 3-52 / C-0-62		Intact		Janice.L.Hyman@p66.com; Albert.L.Hyman@p66.com;				
2-92 / #140		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		knorman@tasman-geo.com; bdennis@tasman-geo.com;				
		<input type="checkbox"/> No <input type="checkbox"/> No		lflores@tasman-geo.com;				

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

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 402869

QUESTIONS

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 402869
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2422124658
Incident Name	NAPP2422124658 ZZ-1 PIPELINE @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received

Location of Release Source	
Please answer all the questions in this group.	
Site Name	ZZ-1 Pipeline
Date Release Discovered	08/05/2024
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Corrosion Pipeline (Any) Produced Water Released: 6 BBL Recovered: 0 BBL Lost: 6 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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, Page 2

Action 402869

QUESTIONS (continued)

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 402869
	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	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.

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

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Ray Smalts Title: Sr Environmental Eng/Spec Email: raymond.a.smalts@p66.com Date: 11/14/2024
--	---

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 3

Action 402869

QUESTIONS (continued)

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID:
	36785
	Action Number:
	402869
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 26 and 50 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Zero feet, overlying, or within area
Categorize the risk of this well / site being in a karst geology	High
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	6800
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	46620
GRO+DRO (EPA SW-846 Method 8015M)	43600
BTEX (EPA SW-846 Method 8021B or 8260B)	620
Benzene (EPA SW-846 Method 8021B or 8260B)	44.5

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

On what estimated date will the remediation commence	08/21/2024
On what date will (or did) the final sampling or liner inspection occur	09/11/2024
On what date will (or was) the remediation complete(d)	09/11/2024
What is the estimated surface area (in square feet) that will be reclaimed	3200
What is the estimated volume (in cubic yards) that will be reclaimed	500
What is the estimated surface area (in square feet) that will be remediated	3200
What is the estimated volume (in cubic yards) that will be remediated	3980

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.

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, Page 4

Action 402869

QUESTIONS (continued)

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 402869
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(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	LEA LAND LANDFILL [FEEM0112342028]
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.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Ray Smalts Title: Sr Environmental Eng/Spec Email: raymond.a.smalts@p66.com Date: 11/14/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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, Page 5

Action 402869

QUESTIONS (continued)

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 402869
	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

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, Page 6

Action 402869

QUESTIONS (continued)

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 402869
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	381440
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/11/2024
What was the (estimated) number of samples that were to be gathered	36
What was the sampling surface area in square feet	7200

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	3200
What was the total volume (cubic yards) remediated	3980
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	3200
What was the total volume (in cubic yards) reclaimed	500
Summarize any additional remediation activities not included by answers (above)	N/A

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: Nick Case Title: Environmental Email: Nicholas.L.Case@P66.com Date: 11/15/2024
--	---

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 7

Action 402869

QUESTIONS (continued)

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 402869
	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

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/contact-us>

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

CONDITIONS

Action 402869

CONDITIONS

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 402869
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	11/20/2024