

J EXT 2 LINE LEAK Remediation Action Plan

NMOCD Incident No. nAPP2416942284
UL "E", Sec. 12, T20S, R34E
32.58850, -103.51919
Lea County, New Mexico

June 8, 2026



PREPARED ON BEHALF OF

DCP Operating Company, LP
6900 E. Layton Ave,
Suite 900
Denver, CO 80237



PREPARED BY

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



June 8, 2026

DCP Operating Company, LP c/o Phillips 66 Company
411 S. Keeler Ave, Suite 207 Adams Building
Bartlesville, OK 74003

Attn: Ms. Becky Hesslen
Email: becky.l.hesslen@p66.com

Re: Remediation Action Plan
J Ext 2 Line Leak
UL "E", Section 12, Township 20 South, Range 34 East, Lea County, New Mexico
NMOCD Incident No. nAPP2416942284
RM No. 7594
Tasman Project No. 7644

Dear Ms. Hesslen,

Tasman, Inc. (Tasman) is pleased to submit this Remediation Action Plan for the above referenced site. Site assessment activities were executed in accordance with the New Mexico Oil Conservation Division (NMOCD) regulations concerning the delineation of releases of natural gas condensate to the environment.

Tasman conducted initial assessment activities, identifying an approximately 17,777 square foot (ft²) area that had been impacted by the release, with an overspray area of approximately 109,391 ft². Delineation activities were conducted within the release and overspray areas and 113 sample points were collected. Based on laboratory analytical results, the site has been horizontally delineated. Vertical delineation will be achieved with confirmation samples of the remedial excavation. Additional project details are provided in the attached Remediation Action Plan.

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.

Kendon Stark
Project Manager
kstark@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	2
2.7 Proximity to Sensitive Receptors and Site Characteristics Summary	3
3.0 REMEDIATION AND ASSESSMENT LEVELS	3
3.1 Reclamation Levels.....	3
4.0 RELEASE ASSESSMENT.....	4
4.1 Soil Sampling Procedures for Laboratory Analysis.....	4
4.2 Soil Analytical Methods.....	5
4.3 Release Assessment Data Evaluation.....	5
4.3.1 2024 Data Evaluation	5
4.3.2 2026 Data Evaluation	6
5.0 PROPOSED REMEDIAL ACTIONS.....	6
5.1 Alternate Sampling Plan Request.....	6
6.0 PROPOSED RECLAMATION AND REVEGETATION	7

Figures

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

Tables

- Table 1 – Soil Sample Analytical Summary – 2024 Delineation Samples
- Table 2 – Soil Sample Analytical Summary – 2026 Delineation Samples

Appendix A – Regulatory Agency Correspondence

Appendix B – Depth to Groundwater Information

Appendix C – Photographic Log

Appendix D – Certified Laboratory Analytical Reports

1.0 INTRODUCTION

Tasman, Inc. (Tasman) is pleased to submit this Remediation Action Plan for the J Ext 2 Line Leak (Site) on behalf of DCP Operating Company, LP (DCP), documenting the results of field activities conducted in response to a release of natural gas condensate to environmental media.

1.1 Site Description

The site is located in Unit Letter “E” of Section 12, Township 20 South, Range 34 East in Lea County, New Mexico. The release occurred at the J Ext 2 pipeline. The release occurred on property held by the Bureau of Land Management (BLM).

A site location map can be found attached as Figure 1.

1.2 Release Detail and Initial Response

On June 14, 2024, the J Ext 2 pipeline was discovered by DCP personnel to have failed due to a blowout. On June 19, 2024, DCP provided notice of release to the New Mexico Oil Conservation Division (NMOCD) portal. The incident resulted in approximately 55 barrels (bbls) of natural gas condensate being released to the surrounding environmental media. DCP personnel immediately shut in the pipeline to isolate the release until an initial investigation was completed. The line was later repaired and returned to service; however, no natural gas condensate was recovered.

A copy of the Regulatory Agency Correspondences is 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 0.29 miles north of the site, identified as CP-2083 POD1 but groundwater was not encountered at the well’s terminal depth of 105 feet below ground surface (bgs) in 2025.

The Site Location & Groundwater Map (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.

J Ext 2 Line Leak – nAPP2416942284
Remediation Action Plan

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 within an area of low 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 assumed to be CP 02092 POD1 located 0.62 miles from the site. Tasman did not visually confirm the presence or use of the well. The location of CP 02092 POD1 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 wetland, a freshwater pond, is located approximately 0.47 miles southeast of the site. The nearest significant surface water was identified as Red Lake, located 7.05 miles from the site. The location of the nearest wetland and surface water body are shown on Figures 1 and 3, respectively.

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 FIRMete Map is attached as Figure 4.

2.6 Residence, School, Hospital, or Institution

During a review of aerial imagery, the Site is not located within 300 feet of an occupied permanent residence, school, hospital, or separate 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:	>105 ft bgs	
Within an area of high/medium karst potential?	☐ Yes	☒ No
Within 300 ft. of any continuously flowing of significant watercourse?	☐ Yes	☒ No
Within 200 ft. of any lakebed, sinkhole, or playa lake?	☐ Yes	☒ No
Within 300 ft. of an occupied permanent residence, school, hospital, or institution?	☐ Yes	☒ No
Within 500 ft. of a spring or private, domestic fresh water well?	☐ Yes	☒ No
Within 1,000 ft. of any fresh water well?	☐ Yes	☒ No
Within the incorporated municipal boundaries or within a municipal well field?	☐ Yes	☒ No
Within 300 ft. of a wetland?	☐ Yes	☒ No
Within the area overlying a subsurface mine?	☐ Yes	☒ No
Within an unstable area?	☐ Yes	☒ No
Within a 100-year floodplain?	☐ Yes	☒ No

3.0 REMEDIATION AND ASSESSMENT LEVELS

The NMOCD assessment and cleanup levels for natural gas condensate releases are based on depth to groundwater and proximity to sensitive receptors as established in NMAC 19.15.29. Based on Site characteristics described in Section 2.0, the NMOCD Action Levels for a site with a depth to groundwater greater than 100 feet bgs were utilized; these Action Levels are as follows:

Constituent	Action Level
Chloride	20,000 mg/kg
TPH (GRO+DRO+MRO)	2,500 mg/kg
TPH (GRO+DRO)	1,000 mg/kg
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

Regulation 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 RELEASE ASSESSMENT

On June 14, 2024, Tasman was retained by DCP to respond to the release of natural gas and natural gas condensate at the Site. Initial observations indicated a release area of approximately 17,777 ft², with an approximate overspray area of 109,391 ft². A photographic log of the initial activities is included as Appendix C.

On July 1, 2 and 25, 2024, Tasman advanced two delineation trenches, referred to as “verticals”, and 12 hand auger locations to delineate the release area both vertically and horizontally. Hand augers HA-6, HA-7 and HA-9 were advanced outside of the apparent release and overspray areas and V-1, V-2, HA-1 through HA-5, HA-8, and HA-10 through HA-12 were advanced within the release area. Hand-augers and verticals were advanced to depths varying from four to twelve feet bgs.

Tasman returned to the Site on April 7 – 9, 2026, to further delineate the release area. A total of 74 surface samples were collected from the overspray area, and 26 hand augers were advanced to vertically and horizontally delineate the release area. Samples were selected for laboratory analysis based upon olfactory and photoionization detector (PID) readings and location.

The attached Figure 5 illustrates the observed release and overspray area, as well as the sampling location points.

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 until delivery under a chain of custody form to Cardinal Laboratory in Hobbs, New Mexico and to Eurofins Environment Testing in Midland, Texas.

4.2 Soil Analytical Methods

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

- Chloride – EPA Method SM4500 (Cardinal Laboratories).
- Chloride – EPA Method 300 (Eurofins Environment Testing).
- 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.

4.3 Release Assessment Data Evaluation

4.3.1 2024 Data Evaluation

Concentrations of benzene were detected above Action Levels in samples HA-1, HA-3 and V-2, with concentrations ranging from 12.8 milligram per kilogram (mg/kg) to 96.9 mg/kg.

Concentrations of total BTEX were detected above Action Levels in samples HA-1 through HA-4 and V-1 through V-2, with concentrations ranging from 77.3 mg/kg to 818 mg/kg.

Concentrations of total TPH were detected above Action Levels in samples HA-1 through HA-4 and V-1 through V-2, with concentrations ranging 2,758 mg/kg to 64,840 mg/kg.

Concentrations of GRO + DRO were detected above Action Levels in samples HA-1 through HA-4 and V-1 through V-2 with concentrations ranging from 2,592 mg/kg to 59,400 mg/kg.

Concentrations of chlorides were detected above Action Levels in samples HA-1 through HA-4 and V-1 through V-2, with concentrations ranging from 720 mg/kg to 4,960 mg/kg.

The 2024 analytical results are summarized on Table 1 and laboratory analytical results are included in Appendix D.

J Ext 2 Line Leak – nAPP2416942284
Remediation Action Plan

4.3.2 2026 Data Evaluation

Concentrations of benzene, total BTEX, and chlorides were not detected above Action Levels in any of the collected soil samples.

Concentrations of total TPH were detected above Action Levels in samples HA-85 at 4 feet bgs, HA-86 at 2 feet bgs, HA-93 at 2 feet bgs, and HA-93 at 8 feet bgs with concentrations ranging from 117 mg/kg to 6,020 mg/kg.

Concentrations of GRO + DRO were detected above Action Levels in soil sample HA-93 at 8 feet bgs (3,038 mg/kg).

The 2026 analytical results are summarized on Table 2 and laboratory analytical results are included in Appendix D.

5.0 PROPOSED REMEDIAL ACTIONS

Tasman proposes to remediate the site using physical removal of soil within the delineated area of the release. Vertical delineation was not achieved at sample locations HA-1 through HA-4, V-1 and V-2, HA-85, HA-93 and HA-96. Vertical delineation of these areas will be achieved with confirmation soil samples. The area around sample point HA-86, will be excavated to 4.5 feet bgs or until samples meet Action Levels. Excavated soil will be staged on-site atop a polyethylene liner pending transportation under manifest to an NMOCD approved disposal facility.

Once field data indicates that the release area has been remediated to NMOCD Remediation Levels established in Section 3.0, Tasman will collect five-point confirmation samples from the base and sidewalls of the excavation. Confirmation sampling activities and laboratory analysis will be conducted as described in Sections 4.1 and 4.2

5.1 Alternate Sampling Plan Request

Tasman, on behalf of DCP, requests that an alternate sampling plan be approved for the collection of confirmation samples as five-point composite samples not to represent an area greater than 400 ft².

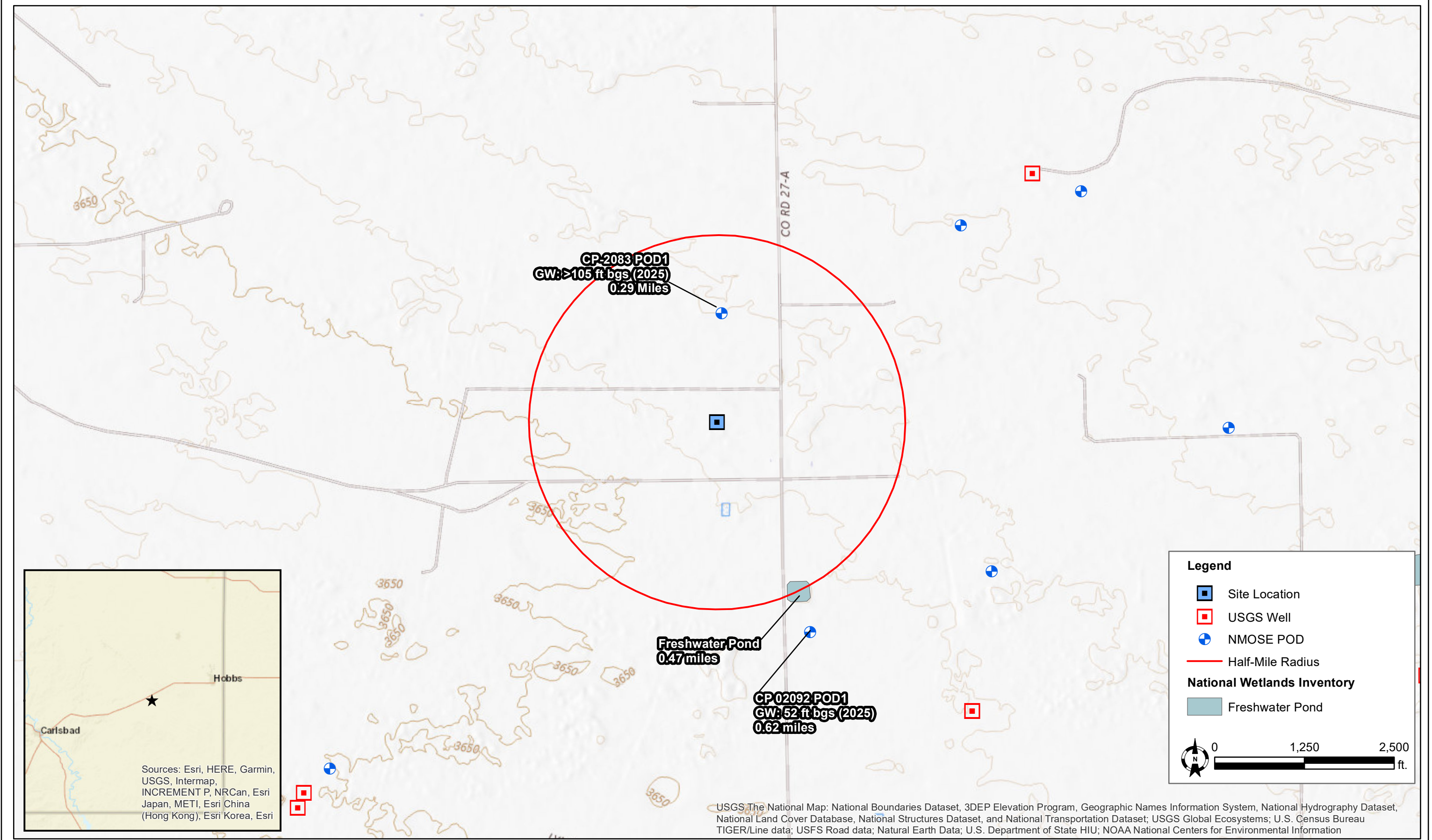
J Ext 2 Line Leak – nAPP2416942284
Remediation Action Plan

6.0 PROPOSED RECLAMATION AND REVEGETATION

Upon receipt of confirmation samples that indicate remediation objectives have been met, areas affected by the release and associated remediation activities will be restored to the condition which existed prior to the release to the maximum extent possible. Excavated areas will be backfilled with non-impacted “like” material and contoured and/or compacted to achieve erosion control, stability, and preservation of surface water flow to the extent practicable.

The BLM (surface owner) will be consulted for their preference in native seed mix. Upon BLM approval the area will be seeded using the approved seed mixture during the next favorable growing season. The seed mix will be sown using a seed drill and broadcasted at the manufacturer’s recommended rate.

Figures



DATE:	September 2025
DESIGNED BY:	C. Flores
DRAWN BY:	L. Flores

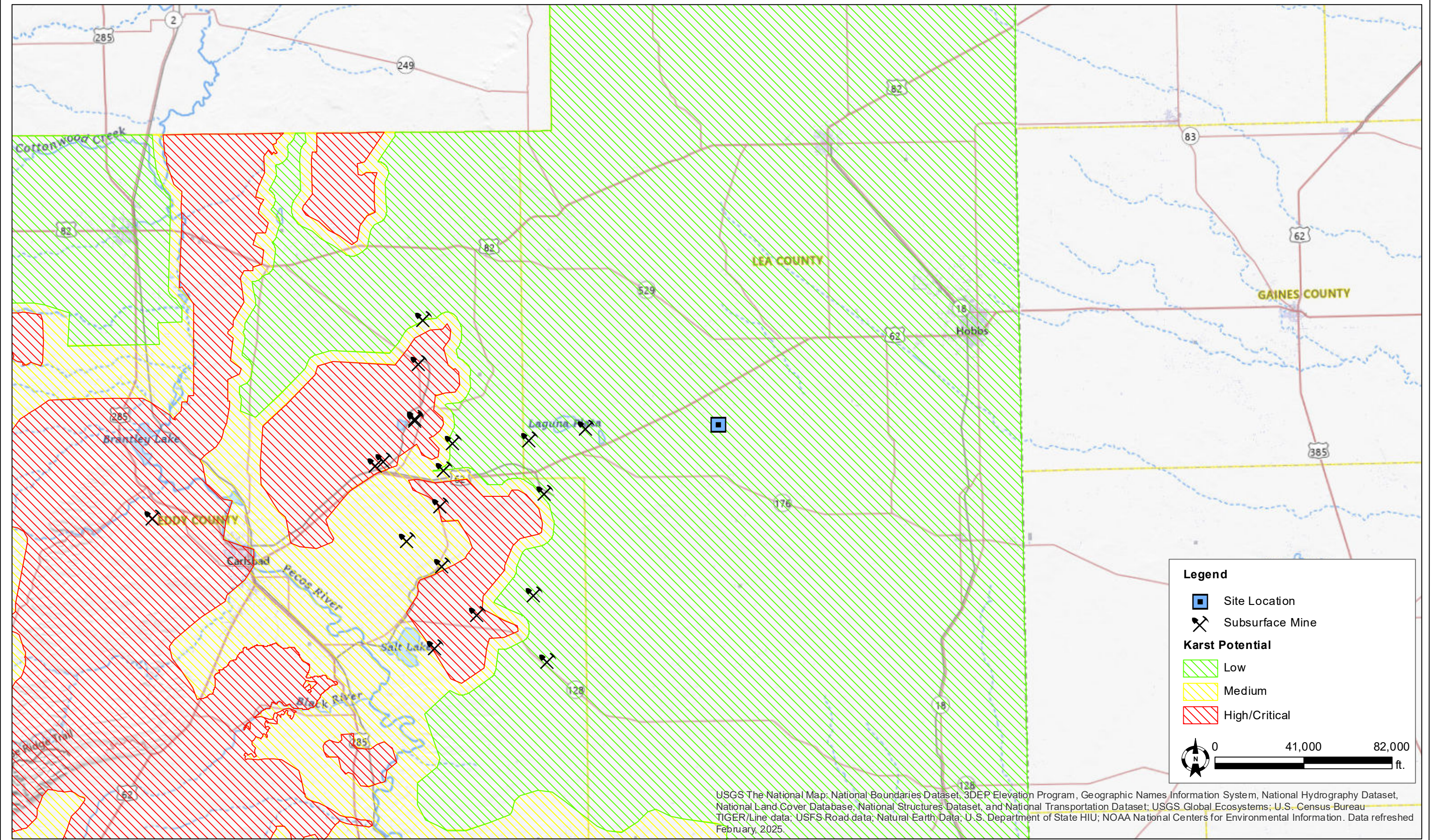


Tasman, Inc.
2620 W. Marland Blvd.
Hobbs, NM 88240

DCP Operating Company, LP
J Ext 2 Line Leak - nAPP2416942284
UL "E" Sec. 12, T20S, R34E
Lea County, New Mexico

Site Location & Characteristics
Map

Figure
1



DATE:	September 2025
DESIGNED BY:	C. Flores
DRAWN BY:	L. Flores

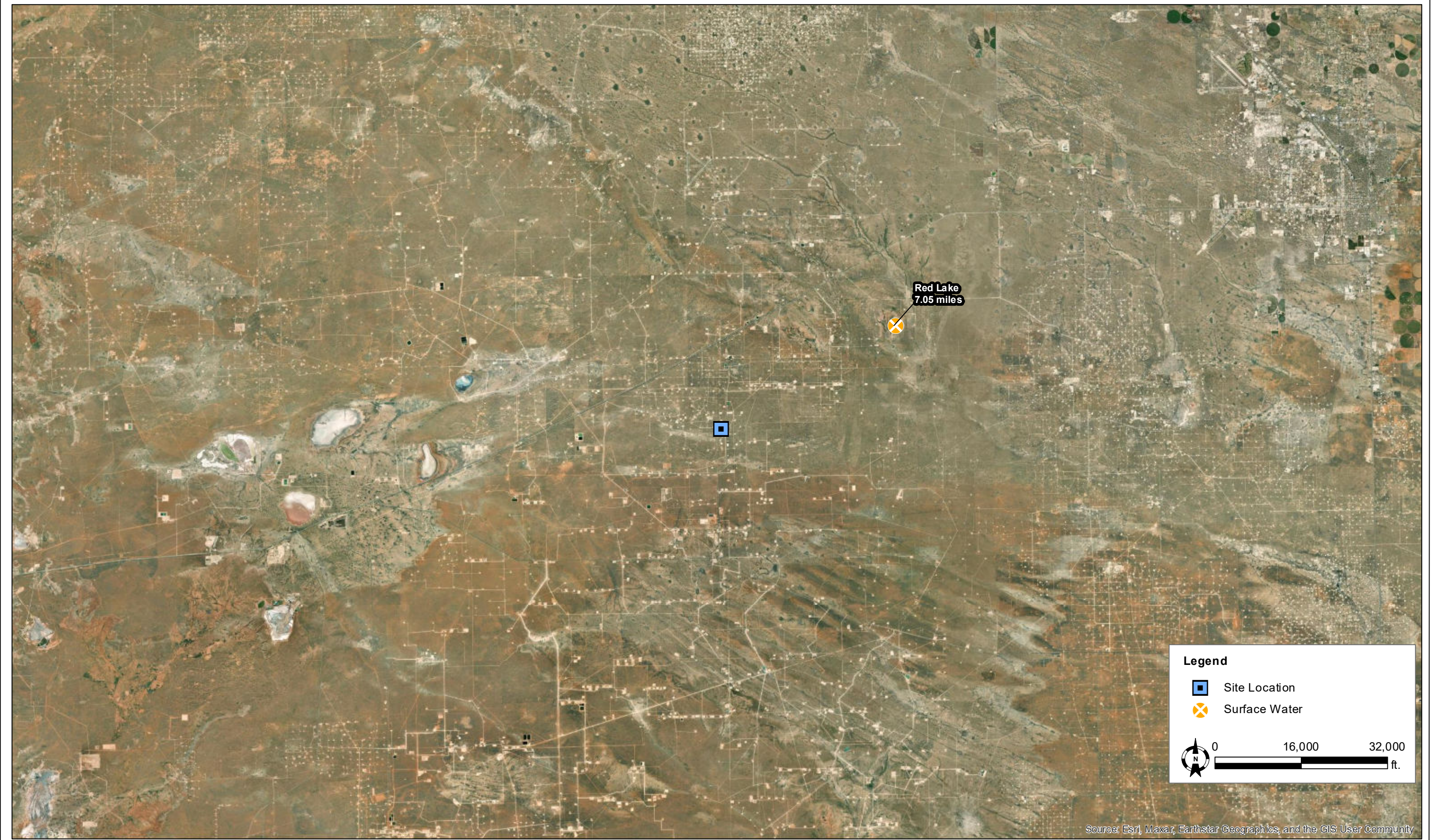


Tasman, Inc.
2620 W. Marland Blvd.
Hobbs, NM 88240

DCP Operating Company, LP
J Ext 2 Line Leak - nAPP2416942284
UL "E", Sec. 12, T20S, R34E
Lea County, New Mexico

Karst Potential & Subsurface
Mine Map

Figure
2



DATE:	September 2025
DESIGNED BY:	C. Flores
DRAWN BY:	L. Flores



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

DCP Operating Company, LP
J Ext 2 Line Leak - nAPP2416942284
UL "E", Sec. 12, T20S, R34E
Lea County, New Mexico

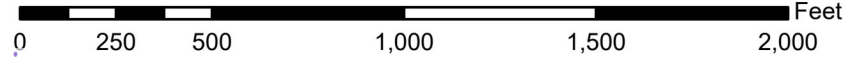
Surface Water Map

Figure
3

National Flood Hazard Layer FIRMMette



103°31'30"W 32°35'32"N



1:6,000

103°30'52"W 32°35'1"N

Basemap Imagery Source: USGS National Map 2023

Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone X
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
	OTHER FEATURES	
		17.5 Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Profile Baseline
		Hydrographic Feature
		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.

Figure

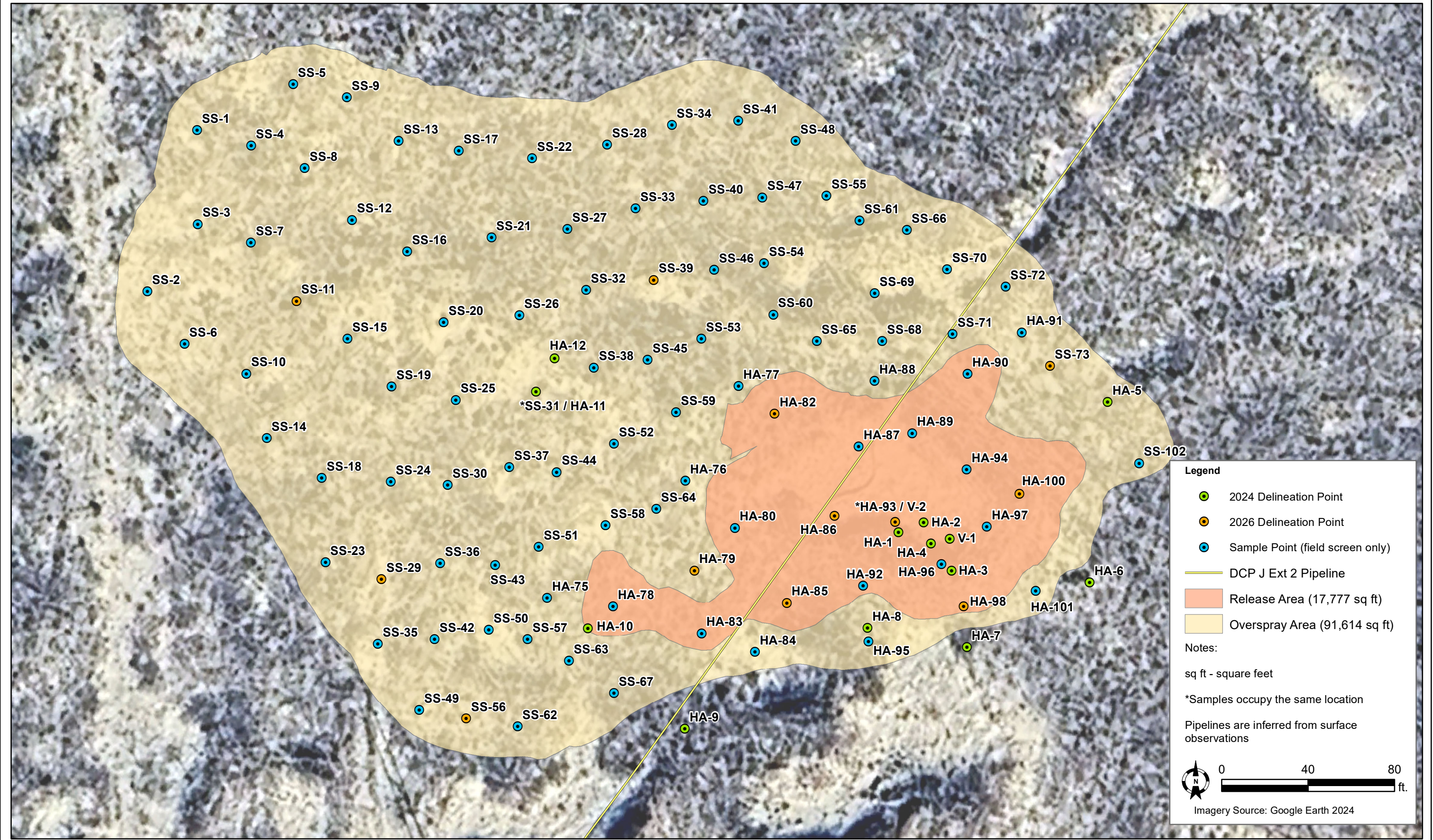
Retrieved by OCD: 6/24/2026 11:00:14 AM

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 4/24/2026 at 6:21 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.

Page 15 of 146



DATE:	July 2024
DESIGNED BY:	B. Martinez
DRAWN BY:	C. Flores



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

DCP Operating Company, LP
J Ext 2 Line Leak - nAPP2416942284
UL "E" Sec. 12, T20S, R34E
Lea County, New Mexico

Delineation Overview Map

Figure
5

Table

TABLE 1
SOIL SAMPLE ANALYTICAL SUMMARY - 2024 DELINEATION SAMPLES
 DCP Operating Company, LP
 J Ext 2 Line Leak - nAPP2416942284

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	
Delineation Soil Samples												
HA-1	0.5'	7/1/2024	In-Situ	203	1,376	---	---	---	---	---	---	---
	2'		In-Situ	311	810	---	---	---	---	---	---	---
	4'		In-Situ	280	1,083	0.881	9.83	300	21,200	2,830	24,330	720
	6'		In-Situ	351	601	---	---	---	---	---	---	---
	8'		In-Situ	3,016	2,726	96.9	818	14,500	44,900	5,440	64,840	1,730
HA-2	0.5'	7/1/2024	In-Situ	1,862	1,726	---	---	---	---	---	---	---
	2'		In-Situ	2,873	1,679	---	---	---	---	---	---	---
	4'		In-Situ	3,151	1,611	4.81	152	3,110	13,300	1,510	17,920	1,420
	6'		In-Situ	2,149	1,328	---	---	---	---	---	---	---
	8'		In-Situ	3,673	4,075	0.387	26.1	751	4,650	523	5,924	4,160
HA-3	0.5'	7/1/2024	In-Situ	303	1,294	---	---	---	---	---	---	---
	2'		In-Situ	1,053	1,617	---	---	---	---	---	---	---
	4'		In-Situ	1,195	426	---	---	---	---	---	---	---
	6'		In-Situ	3,688	3,117	13.3	269	4,070	31,600	3,870	39,540	3,520
	8'		In-Situ	1,803	1,162	4.07	135	3,440	25,700	3,160	32,300	1,900
HA-4	0.5'	7/1/2024	In-Situ	685	1,811	0.0540	7.99	397	2,930	16,900	20,227	2,180
	2'		In-Situ	1,319	336	---	---	---	---	---	---	---
	4'		In-Situ	2,099	149	---	---	---	---	---	---	---
	6'		In-Situ	305	241	---	---	---	---	---	---	---
	8'		In-Situ	2,069	2,125	1.38	77.3	1,660	8,510	969	11,139	672
HA-5	0.5'	7/2/2024	In-Situ	1.0	142	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
	2'		In-Situ	1.1	143	---	---	---	---	---	---	---
	4'		In-Situ	2.1	244	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
HA-6	0.5'	7/2/2024	In-Situ	2.3	142	<0.050	<0.300	<10.0	<10.0	10.1	10.1	<16.0
	2'		In-Situ	1.7	148	---	---	---	---	---	---	---
	4'		In-Situ	1.1	318	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
HA-7	0.5'	7/2/2024	In-Situ	1.0	229	<0.050	<0.300	<10.0	12.8	<10.0	12.8	<16.0
	2'		In-Situ	1.1	118	---	---	---	---	---	---	---
	4'		In-Situ	2.1	116	<0.050	<0.300	<10.0	32.3	12.0	44.3	<16.0
HA-8	0.5'	7/2/2024	In-Situ	24.0	312	<0.050	<0.300	<10.0	54.3	21.0	75.3	<16.0
	2'		In-Situ	9.9	87	---	---	---	---	---	---	---
	4'		In-Situ	9.5	196	<0.050	<0.300	<10.0	34.5	<10.0	34.5	<16.0
NMOCD Reclamation Standards ⁴ (Applicable for soils less than 4 ft. below grade surface)				N/A	N/A	10	50	N/A			100	600
NMOCD Action Levels ⁵				N/A	N/A	10	50	1,000		N/A	2,500	20,000

TABLE 1
SOIL SAMPLE ANALYTICAL SUMMARY - 2024 DELINEATION SAMPLES
DCP Operating Company, LP
J Ext 2 Line Leak - nAPP2416942284

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	
Delineation Soil Samples												
HA-9	0.5'	7/2/2024	In-Situ	1.0	235	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
	2'		In-Situ	1.4	150	---	---	---	---	---	---	
	4'		In-Situ	1.7	87	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
HA-10	0.5'	7/2/2024	In-Situ	1.3	117	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
	2'		In-Situ	1.7	202	---	---	---	---	---	---	---
	4'		In-Situ	1.9	257	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
HA-11	0.5'	7/2/2024	In-Situ	1.3	173	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
	2'		In-Situ	1.5	227	---	---	---	---	---	---	---
	4'		In-Situ	1.5	268	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
HA-12	0.5'	7/2/2024	In-Situ	1.7	204	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
	2'		In-Situ	1.7	204	---	---	---	---	---	---	---
	4'		In-Situ	2.0	229	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
V-1	0.5'	7/25/2024	In-Situ	389	1,336	---	---	---	---	---	---	---
	2'		In-Situ	3,856	1,981	---	---	---	---	---	---	---
	4'		In-Situ	5,000	608	---	---	---	---	---	---	---
	6'		In-Situ	5,000	2,738	5.66	164	2,710	9,390	808	12,908	2,720
	8'		In-Situ	5,000	1,764	---	---	---	---	---	---	---
	10'		In-Situ	5,000	2,179	0.062	10.8	332	2,260	166	2,758	2,320
	12'		In-Situ	5,000	2,294	0.890	40.1	1,160	4,930	474	6,564	592
V-2	0.5'	7/25/2024	In-Situ	318	799	---	---	---	---	---	---	---
	2'		In-Situ	5,000	1,590	---	---	---	---	---	---	---
	4'		In-Situ	5,000	3,363	6.39	140	3,330	10,900	1,020	15,250	4,960
	6'		In-Situ	3,976	2,950	12.8	201	3,940	14,100	1,520	19,560	3,360
	8'		In-Situ	3,255	3,551	---	---	---	---	---	---	---
	10'		In-Situ	5,000	3,506	22.6	348	5,260	14,800	1,550	21,610	3,160
NMOCD Reclamation Standards ⁴ (Applicable for soils less than 4 ft. below grade surface)				N/A	N/A	10	50	N/A			100	600
NMOCD Action Levels ⁵				N/A	N/A	10	50	1,000		N/A	2,500	20,000

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 Administrative Code (NMAC) 19.15.29.13(D) - Restoration, Reclamation, and Re-vegetation (Reclamation for areas no longer in use) for soils extending to 4 ft. bgs. (applicable to grey cells).
5. New Mexico Oil Conservation Division (NMOCD) Remediation and Delineation Standards (NMAC 19.15.29.12(N))

Bold values denote concentrations above laboratory RL

N/A = Not applicable

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

<RL = The analyte was not detected above the laboratory reporting limit (RL)

Red values denote concentrations above NMOCD Action Levels

TABLE 2
SOIL SAMPLE ANALYTICAL SUMMARY - 2026 DELINEATION SAMPLES
DCP Operating Company, LP
J Ext 2 Line Leak - nAPP2416942284

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	
Delineation Soil Samples												
SS-1	---	4/7/2026	In-Situ	0.2	---	---	---	---	---	---	---	---
SS-2	---	4/7/2026	In-Situ	0.2	---	---	---	---	---	---	---	---
SS-3	---	4/7/2026	In-Situ	0.3	---	---	---	---	---	---	---	---
SS-4	---	4/7/2026	In-Situ	0.2	---	---	---	---	---	---	---	---
SS-5	---	4/7/2026	In-Situ	0.3	---	---	---	---	---	---	---	---
SS-6	---	4/7/2026	In-Situ	0.3	---	---	---	---	---	---	---	---
SS-7	---	4/7/2026	In-Situ	0.6	---	---	---	---	---	---	---	---
SS-8	---	4/7/2026	In-Situ	0.2	---	---	---	---	---	---	---	---
SS-9	---	4/7/2026	In-Situ	0.4	---	---	---	---	---	---	---	---
SS-10	---	4/7/2026	In-Situ	0.2	---	---	---	---	---	---	---	---
SS-11	---	4/7/2026	In-Situ	0.8	---	<0.00138	<0.00226	<14.5	<15.1	<15.1	<15.1	14.2
SS-12	---	4/7/2026	In-Situ	0.4	---	---	---	---	---	---	---	---
SS-13	---	4/7/2026	In-Situ	0.5	---	---	---	---	---	---	---	---
SS-14	---	4/7/2026	In-Situ	0.3	---	---	---	---	---	---	---	---
SS-15	---	4/7/2026	In-Situ	0.5	---	---	---	---	---	---	---	---
SS-16	---	4/7/2026	In-Situ	1.3	---	---	---	---	---	---	---	---
SS-17	---	4/7/2026	In-Situ	1.1	---	---	---	---	---	---	---	---
SS-18	---	4/7/2026	In-Situ	1.3	---	---	---	---	---	---	---	---
SS-19	---	4/7/2026	In-Situ	0.7	---	---	---	---	---	---	---	---
SS-20	---	4/7/2026	In-Situ	1.7	---	---	---	---	---	---	---	---
SS-21	---	4/8/2026	In-Situ	3.7	---	---	---	---	---	---	---	---
SS-22	---	4/7/2026	In-Situ	1.4	---	---	---	---	---	---	---	---
SS-23	---	4/7/2026	In-Situ	0.5	---	---	---	---	---	---	---	---
SS-24	---	4/7/2026	In-Situ	1.3	---	---	---	---	---	---	---	---
SS-25	---	4/8/2026	In-Situ	0.8	---	---	---	---	---	---	---	---
SS-26	---	4/7/2026	In-Situ	1.7	---	---	---	---	---	---	---	---
SS-27	---	4/7/2026	In-Situ	1.4	---	---	---	---	---	---	---	---
SS-28	---	4/7/2026	In-Situ	1.8	---	---	---	---	---	---	---	---
SS-29	---	4/8/2026	In-Situ	4.9	---	<0.00140	<0.00229	<14.5	<15.1	<15.1	<15.1	4.14 J
SS-30	---	4/7/2026	In-Situ	1.7	---	---	---	---	---	---	---	---
SS-31	---	4/7/2026	In-Situ	0.0	---	---	---	---	---	---	---	---
SS-32	---	4/7/2026	In-Situ	2.0	---	---	---	---	---	---	---	---
SS-33	---	4/7/2026	In-Situ	2.6	---	---	---	---	---	---	---	---
SS-34	---	4/7/2026	In-Situ	1.6	---	---	---	---	---	---	---	---
NMOCD Reclamation Standards ⁴ (Applicable for soils less than 4 ft. below grade surface)				N/A	N/A	10	50	N/A			100	600
NMOCD Action Levels ⁵				N/A	N/A	10	50	1,000		N/A	2,500	20,000

TABLE 2
SOIL SAMPLE ANALYTICAL SUMMARY - 2026 DELINEATION SAMPLES
DCP Operating Company, LP
J Ext 2 Line Leak - nAPP2416942284

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	
Delineation Soil Samples												
SS-35	---	4/8/2026	In-Situ	2.9	---	---	---	---	---	---	---	---
SS-36	---	4/7/2026	In-Situ	2.6	---	---	---	---	---	---	---	---
SS-37	---	4/7/2026	In-Situ	1.2	---	---	---	---	---	---	---	---
SS-38	---	4/7/2026	In-Situ	0.0	---	---	---	---	---	---	---	---
SS-39	---	4/8/2026	In-Situ	4.5	---	<0.00139	<0.00228	<14.5	<15.1	<15.1	<15.1	25.1
SS-40	---	4/8/2026	In-Situ	3.4	---	---	---	---	---	---	---	---
SS-41	---	4/8/2026	In-Situ	2.3	---	---	---	---	---	---	---	---
SS-42	---	4/8/2026	In-Situ	2.3	---	---	---	---	---	---	---	---
SS-43	---	4/7/2026	In-Situ	1.4	---	---	---	---	---	---	---	---
SS-44	---	4/7/2026	In-Situ	0.0	---	---	---	---	---	---	---	---
SS-45	---	4/8/2026	In-Situ	1.7	---	---	---	---	---	---	---	---
SS-46	---	4/8/2026	In-Situ	3.1	---	---	---	---	---	---	---	---
SS-47	---	4/8/2026	In-Situ	2.7	---	---	---	---	---	---	---	---
SS-48	---	4/8/2026	In-Situ	1.6	---	---	---	---	---	---	---	---
SS-49	---	4/8/2026	In-Situ	2.9	---	---	---	---	---	---	---	---
SS-50	---	4/8/2026	In-Situ	2.8	---	---	---	---	---	---	---	---
SS-51	---	4/7/2026	In-Situ	2.3	---	---	---	---	---	---	---	---
SS-52	---	4/8/2026	In-Situ	0.8	---	---	---	---	---	---	---	---
SS-53	---	4/8/2026	In-Situ	1.9	---	---	---	---	---	---	---	---
SS-54	---	4/8/2026	In-Situ	1.1	---	---	---	---	---	---	---	---
SS-55	---	4/8/2026	In-Situ	2.6	---	---	---	---	---	---	---	---
SS-56	---	4/8/2026	In-Situ	2.3	---	<0.00139	<0.00228	<14.5	<15.1	<15.1	<15.1	4.71 J
SS-57	---	4/8/2026	In-Situ	3.1	---	---	---	---	---	---	---	---
SS-58	---	4/7/2026	In-Situ	0.0	---	---	---	---	---	---	---	---
SS-59	---	4/8/2026	In-Situ	3.2	---	---	---	---	---	---	---	---
SS-60	---	4/8/2026	In-Situ	3.2	---	---	---	---	---	---	---	---
SS-61	---	4/8/2026	In-Situ	1.2	---	---	---	---	---	---	---	---
SS-62	---	4/8/2026	In-Situ	2.1	---	---	---	---	---	---	---	---
SS-63	---	4/8/2026	In-Situ	1.8	---	---	---	---	---	---	---	---
SS-64	---	4/8/2026	In-Situ	1.0	---	---	---	---	---	---	---	---
SS-65	---	4/8/2026	In-Situ	2.7	---	---	---	---	---	---	---	---
SS-66	---	4/8/2026	In-Situ	1.6	---	---	---	---	---	---	---	---
SS-67	---	4/8/2026	In-Situ	2.0	---	---	---	---	---	---	---	---
SS-68	---	4/8/2026	In-Situ	1.4	---	---	---	---	---	---	---	---
NMOCD Reclamation Standards ⁴ (Applicable for soils less than 4 ft. below grade surface)				N/A	N/A	10	50	N/A			100	600
NMOCD Action Levels ⁵				N/A	N/A	10	50	1,000		N/A	2,500	20,000

TABLE 2
SOIL SAMPLE ANALYTICAL SUMMARY - 2026 DELINEATION SAMPLES
DCP Operating Company, LP
J Ext 2 Line Leak - nAPP2416942284

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	
Delineation Soil Samples												
SS-69	---	4/8/2026	In-Situ	3.9	---	---	---	---	---	---	---	---
SS-70	---	4/8/2026	In-Situ	1.3	---	---	---	---	---	---	---	---
SS-71	---	4/8/2026	In-Situ	3.1	---	---	---	---	---	---	---	---
SS-72	---	4/8/2026	In-Situ	5.4	---	---	---	---	---	---	---	---
SS-73	---	4/8/2026	In-Situ	8.5	---	<0.00140	<0.00229	<14.5	<15.1	<15.1	<15.1	5.76 J
SS-102	---	4/8/2026	In-Situ	2.1	---	---	---	---	---	---	---	---
HA-75	0.5'	4/7/2026	In-Situ	0.9	---	---	---	---	---	---	---	---
	2'		In-Situ	0.6	---	---	---	---	---	---	---	
	4'		In-Situ	0.2	---	---	---	---	---	---	---	
HA-76	0.5'	4/7/2026	In-Situ	2.1	---	---	---	---	---	---	---	---
	2'		In-Situ	2.6	---	---	---	---	---	---	---	---
	4'		In-Situ	2.1	---	---	---	---	---	---	---	---
	6'		In-Situ	1.8	---	---	---	---	---	---	---	---
	8'		In-Situ	0.8	---	---	---	---	---	---	---	---
HA-77	0.5'	4/9/2026	In-Situ	2.8	---	---	---	---	---	---	---	---
	2'		In-Situ	2.2	---	---	---	---	---	---	---	---
	4'		In-Situ	2.4	---	---	---	---	---	---	---	---
HA-78	0.5'	4/7/2026	In-Situ	5.1	---	---	---	---	---	---	---	---
	2'		In-Situ	2.8	---	---	---	---	---	---	---	---
	4'		In-Situ	1.9	---	---	---	---	---	---	---	---
HA-79	0.5'	4/7/2026	In-Situ	5.4	---	---	---	---	---	---	---	---
	2'		In-Situ	6.1	---	---	---	---	---	---	---	---
	4'		In-Situ	12.8	---	---	---	---	---	---	---	---
	6'		In-Situ	6.4	---	---	---	---	---	---	---	---
	8'		In-Situ	15.8	---	<0.00138	0.0121	<14.5	113 B F1	<15.1	113	5.07 J
HA-80	0.5'	4/9/2026	In-Situ	2.6	---	---	---	---	---	---	---	---
	2'		In-Situ	1.4	---	---	---	---	---	---	---	---
	4'		In-Situ	1.4	---	---	---	---	---	---	---	---
HA-82	0.5'	4/7/2026	In-Situ	3.7	---	---	---	---	---	---	---	---
	2'		In-Situ	3.5	---	<0.00139	0.00406	<14.5	<15.1	<15.1	<15.1	6.16 J
	4'		In-Situ	4.1	---	<0.00140	0.0116	<14.5	<15.1	<15.1	<15.1	5.95 J
	6'		In-Situ	0.6	---	---	---	---	---	---	---	---
	8'		In-Situ	0.6	---	---	---	---	---	---	---	---
HA-83	0.5'	4/7/2026	In-Situ	1.6	---	---	---	---	---	---	---	---
NMOCD Reclamation Standards ⁴ (Applicable for soils less than 4 ft. below grade surface)				N/A	N/A	10	50	N/A			100	600
NMOCD Action Levels ⁵				N/A	N/A	10	50	1,000		N/A	2,500	20,000

TABLE 2
SOIL SAMPLE ANALYTICAL SUMMARY - 2026 DELINEATION SAMPLES
DCP Operating Company, LP
J Ext 2 Line Leak - nAPP2416942284

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	
Delineation Soil Samples												
HA-84	0.5'	4/9/2026	In-Situ	2.2	---	---	---	---	---	---	---	---
	2'		In-Situ	2.1	---	---	---	---	---	---	---	
	4'		In-Situ	1.9	---	---	---	---	---	---	---	
HA-85	0.5'	4/9/2026	In-Situ	0.7	---	---	---	---	---	---	---	---
	2'		In-Situ	2.5	---	---	---	---	---	---	---	
	4'		In-Situ	1.4	---	<0.00139	<0.00228	<14.5	117	<15.1	117	5.41 J
HA-86	0.5'	4/7/2026	In-Situ	90.0	---	---	---	---	---	---	---	---
	2'		In-Situ	118.3	---	<0.00138	<0.00227	219	5,800	<15.1	6,020	122
	4'		In-Situ	110.4	---	---	---	---	---	---	---	---
	6'		In-Situ	111.4	---	---	---	---	---	---	---	---
	8'		In-Situ	96.8	---	<0.00140	0.00784	<14.5	404	<15.1	404	218
HA-87	0.5'	4/7/2026	In-Situ	8.3	---	---	---	---	---	---	---	---
HA-88	0.5'	4/7/2026	In-Situ	3.6	---	---	---	---	---	---	---	---
HA-89	0.5'	4/9/2026	In-Situ	3.9	---	---	---	---	---	---	---	---
HA-90	0.5'	4/9/2026	In-Situ	0.9	---	---	---	---	---	---	---	---
	2'		In-Situ	1.7	---	---	---	---	---	---	---	---
	4'		In-Situ	2.5	---	---	---	---	---	---	---	---
HA-91	0.5'	4/9/2026	In-Situ	0.5	---	---	---	---	---	---	---	---
	2'		In-Situ	0.9	---	---	---	---	---	---	---	---
	4'		In-Situ	1.4	---	---	---	---	---	---	---	---
HA-92	0.5'	4/7/2026	In-Situ	2.8	---	---	---	---	---	---	---	---
HA-93	0.5'	4/7/2026	In-Situ	50.0	---	---	---	---	---	---	---	---
	2'		In-Situ	226.0	---	<0.00138	0.478	118	2,660	<15.1	2,780	7.52 J
	4'		In-Situ	1,591	---	---	---	---	---	---	---	---
	6'		In-Situ	4,227	---	---	---	---	---	---	---	---
	8'		In-Situ	4,763	---	<0.140	19.9	318	2,720 B	<15.1	3,040	846
HA-94	0.5'	4/7/2026	In-Situ	4.0	---	---	---	---	---	---	---	---
HA-95	0.5'	4/9/2026	In-Situ	3.9	---	---	---	---	---	---	---	---
	2'		In-Situ	1.9	---	---	---	---	---	---	---	---
	4'		In-Situ	1.1	---	---	---	---	---	---	---	---
NMOCD Reclamation Standards ⁴ (Applicable for soils less than 4 ft. below grade surface)				N/A	N/A	10	50	N/A			100	600
NMOCD Action Levels ⁵				N/A	N/A	10	50	1,000		N/A	2,500	20,000

TABLE 2
SOIL SAMPLE ANALYTICAL SUMMARY - 2026 DELINEATION SAMPLES
DCP Operating Company, LP
J Ext 2 Line Leak - nAPP2416942284

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	
Delineation Soil Samples												
HA-96	0.5'	4/7/2026	In-Situ	107.9	---	---	---	---	---	---	---	---
	2'		In-Situ	110.1	---	---	---	---	---	---	---	
	4'		In-Situ	183.1	---	---	---	---	---	---	---	
	6'		In-Situ	3,606	---	---	---	---	---	---	---	
	8'		In-Situ	3,491	---	---	---	---	---	---	---	
HA-97	0.5'	4/7/2026	In-Situ	2.1	---	---	---	---	---	---	---	---
HA-98	0.5'	4/9/2026	In-Situ	1.9	---	---	---	---	---	---	---	---
	2'		In-Situ	2.4	---	---	---	---	---	---	---	---
	4'		In-Situ	3.0	---	<0.00140	<0.00230	<14.5	<15.1	<15.1	<15.1	9.43 J
HA-100	0.5'	4/9/2026	In-Situ	0.9	---	---	---	---	---	---	---	---
	2'		In-Situ	2.3	---	---	---	---	---	---	---	---
	4'		In-Situ	2.3	---	<0.00139	<0.00228	<14.5	65.0	<15.1	65.0	6.46 J
HA-101	0.5'	4/9/2026	In-Situ	2.8	---	---	---	---	---	---	---	---
	2'		In-Situ	3.1	---	---	---	---	---	---	---	---
	4'		In-Situ	3.0	---	---	---	---	---	---	---	---
NMOCD Reclamation Standards ⁴ (Applicable for soils less than 4 ft. below grade surface)				N/A	N/A	10	50	N/A			100	600
NMOCD Action Levels ⁵				N/A	N/A	10	50	1,000		N/A	2,500	20,000

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 300
 4. New Mexico Administrative Code (NMAC) 19.15.29.13(D) - Restoration, Reclamation, and Re-vegetation (Reclamation for areas no longer in use) for soils extending to 4 ft. bgs (applicable to grey cells).
 5. New Mexico Oil Conservation Division (NMOCD) Remediation and Delineation Standards (NMAC 19.15.29.12(N))
- N/A = Not applicable
Bold values denote concentrations above laboratory RL
 B = Compound was found in the laboratory method blank and sample
 J = Result is less than the RL but greater than or equal to the MDL and the concentration is a approximate value
 mg/kg = Milligrams per kilogram
 MS = Matrix spike

- 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
 <MDL = The analyte was not detected above the laboratory method detection limit (MDL)
Red values denote concentrations above NMOCD Action Levels
 F1 = MS and/or MSD recovery exceeds control limits
 ppm = Parts per million
 MSD = Matrix spike duplicate

Appendix A – Regulatory Agency Correspondence

From: [Taylor, Shelly J](#)
To: [Kyle Norman](#); [BLM_NM_CFO_REALTY_Spill](#)
Cc: [Case, Nicholas L](#); [Smalts, Raymond A](#); [Daly, Stacey](#); [Hyman, Albert L](#); [Brett Dennis](#); [Laura Flores](#)
Subject: RE: [EXTERNAL] BLM Notification_P66_7644_J Ext 2 Line Leak (06.14.2024)_nAPP2416942284
Date: Tuesday, July 2, 2024 1:05:43 PM
Attachments: [image002.png](#)
[image003.png](#)

You are cleared to proceed.

Respectfully,

Shelly J Taylor
Assistant Field Manager
Lands & Minerals – Acting

Bureau of Land Management
Pecos District/Roswell Field Office
2909 W 2nd St
Roswell, NM 88201

Direct 575.627.0250
Mobile 575.200.0614

sjtaylor@blm.gov



From: Kyle Norman <knorman@tasman-geo.com>
Sent: Monday, June 17, 2024 12:18 PM
To: Taylor, Shelly J <sjtaylor@blm.gov>; [BLM_NM_CFO_REALTY_Spill](#) <blm_nm_cfo_realty_spill@blm.gov>
Cc: Case, Nicholas L <Nicholas.L.Case@p66.com>; Smalts, Raymond A <Raymond.A.Smalts@p66.com>; Daly, Stacey <stacey.daly@p66.com>; Hyman, Albert L <Albert.L.Hyman@P66.com>; Brett Dennis <bdennis@tasman-geo.com>; Laura Flores <LFlores@tasman-geo.com>
Subject: [EXTERNAL] BLM Notification_P66_7644_J Ext 2 Line Leak (06.14.2024)_nAPP2416942284

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Ms. Taylor,

Please see attached kmz file and photos on the 7644_J Ext 2 Line Leak (06.14.2024)_nAPP2416942284 and the information below.

Cause of Release On May 10, 2024, DCP Ops discovered a leak on the BE-17 pipeline. DCP Ops has shut in the pipeline and scheduled to be repaired. Please let me know if an Arch Survey is required on this one.

GPS: 32.588019, -103.519639

Date of Discovery: 6/14/2024

Condensate released: 55 bbls

Recovered: 0 bbls

Leak area: ~17,777 sq. ft.

Overspray area: 109,390

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

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

Submission Information

Submission ID:	355887	Districts:	Hobbs
Operator:	[36785] DCP OPERATING COMPANY, LP	Counties:	Lea
Description:	DCP OPERATING COMPANY, LP [36785] , J Ext 2 Line Leak , nAPP2416942284		
Status:	APPROVED		
Status Date:	06/20/2024		
References (1):	nAPP2416942284		

Forms

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

Questions

Prerequisites

Incident ID (n#)	nAPP2416942284
Incident Name	NAPP2416942284 J EXT 2 LINE LEAK @ 0
Incident Type	Natural Gas Release
Incident Status	Initial C-141 Received

Location of Release Source

Please answer all the questions in this group.

Site Name	J Ext 2 Line Leak
Date Release Discovered	06/14/2024
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

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

Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Cause: Blow Out Pipeline (Any) Condensate Released: 55 BBL Recovered: 0 BBL Lost: 55 BBL.
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	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. “Major release” determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.

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

Initial Response

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

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

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure 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 they or 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: Nick Case Title: Environmental Email: Nicholas.L.Case@P66.com Date: 06/19/2024
--	---

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)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	U.S. Geological Survey
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	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)

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.

No

Acknowledgments

Comments

Conditions

Reasons

[Go Back](#)

OCD Permitting

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

[NOTIFY] Notification Of Release (NOR) Application

Submission Information

Submission ID:	354952	Districts:	Hobbs
Operator:	[36785] DCP OPERATING COMPANY, LP	Counties:	Lea
Description:	DCP OPERATING COMPANY, LP [36785] , J Ext 2 Line Leak , nAPP2416942284		
Status:	APPROVED		
Status Date:	06/17/2024		
References (1):	nAPP2416942284		

Forms

This application type does not have attachments.

Questions

Location of Release Source

Please answer all the questions in this group.

Site Name	J Ext 2 Line Leak
Date Release Discovered	06/14/2024
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

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

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.
Condensate Released (bbls) Details	Cause: Blow Out Pipeline (Any) Condensate Released: 55 BBL Recovered: 0 BBL Lost: 55 BBL.
Natural Gas Vented (Mcf) Details	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	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. “Major release” determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.

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

Initial Response

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

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

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

Acknowledgments

- ☒ 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 (6/17/2024), 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.

Appendix B – Depth to Groundwater Information



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) Pod 1		WELL TAG ID NO.		OSE FILE NO(S). CP-2083			
	WELL OWNER NAME(S) Coterra Energy				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS 840 Gessner Rd. Ste. 1400				CITY Houston	STATE TX	ZIP 77024-4152	
	WELL LOCATION (FROM GPS)	DEGREES 32	MINUTES 35	SECONDS 32.0	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
		LONGITUDE 103	31	9.5	W	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE Section 12 Township 20s Range 34e. West of 27-A (Marathon Rd.)								
2. DRILLING & CASING INFORMATION	LICENSE NO. WD-1862		NAME OF LICENSED DRILLER James Hawley			NAME OF WELL DRILLING COMPANY H&R Enterprises, LLC		
	DRILLING STARTED 9-3-25	DRILLING ENDED 9-3-25	DEPTH OF COMPLETED WELL (FT) 105'		BORE HOLE DEPTH (FT) 105'	DEPTH WATER FIRST ENCOUNTERED (FT) N/A		
	COMPLETED WELL IS: ☐ ARTESIAN ☒ DRY HOLE ☐ SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A		
	DRILLING FLUID: ☒ AIR ☐ MUD ADDITIVES – SPECIFY:							
	DRILLING METHOD: ☒ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:							
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	105'	6"	No casing left in hole				
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
				N/A				

OSE DII ROSWELL NM
10 SEP '25 PM1:03

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 04/30/19)

FILE NO. CP- 2083	POD NO. 1	TRN NO. 790057
LOCATION 20S. 34E. 12 411	WELL TAG ID NO. NA	PAGE 1 OF 2

05E DII ROSWELL NM
10 SEP 25 PM1:03

Released to Imaging: 7/15/2026 3:22:35 PM



PLUGGING RECORD



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

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: CP-02092

Well owner: Coterra Energy Co.

Phone No.: 432-208-3035

Mailing address: 840 Gessner Rd. Ste. 1400

City: Houston State: TX Zip code: 77024-4152

II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: H&R Enterprises, LLC
- 2) New Mexico Well Driller License No.: WD-1862 Expiration Date: 6/16/27
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Nathan Smelcer
- 4) Date well plugging began: 11/25/25 Date well plugging concluded: 11/25/25
- 5) GPS Well Location: Latitude: 32 deg, 34 min, 46.8 sec
Longitude: 103 deg, 30 min, 56.4 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 60' ft below ground level (bgl),
by the following manner: Well Sounder
- 7) Static water level measured at initiation of plugging: 52' ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 9/29/25
- 9) Were all plugging activities consistent with an approved plugging plan? no If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

In the approved plugging plan, we were planning on plugging from 105' BGS to surface. We did encounter water during drilling at 52', driller stopped at 60'. The well is plugged from 60' BGS to surface with hydrated bentonite hole plug.

OSE DII ROSWELL NM
4 DEC '25 PM1:18

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

[illegible]

OSE DII ROSWELL NM
4 DEC '25 PM1:18

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

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

Signature of _____

Signature of Well Driller

12/1/25

Date _____

Appendix C – Photographic Log

DCP Operating Company

J Ext 2 Line Leak – nAPP2416942284



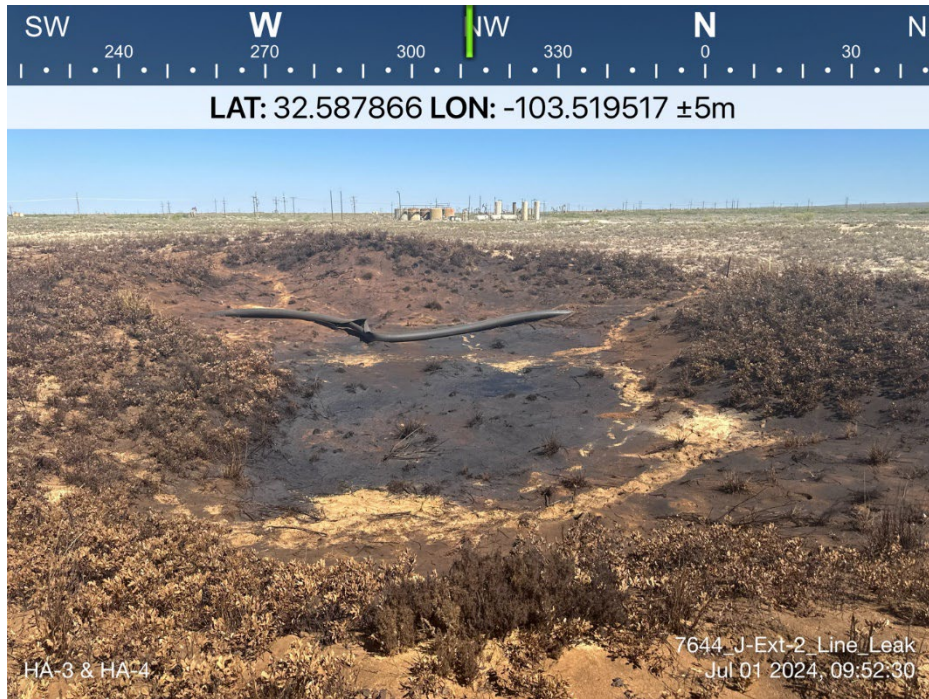
DCP Operating Company

J Ext 2 Line Leak – nAPP2416942284



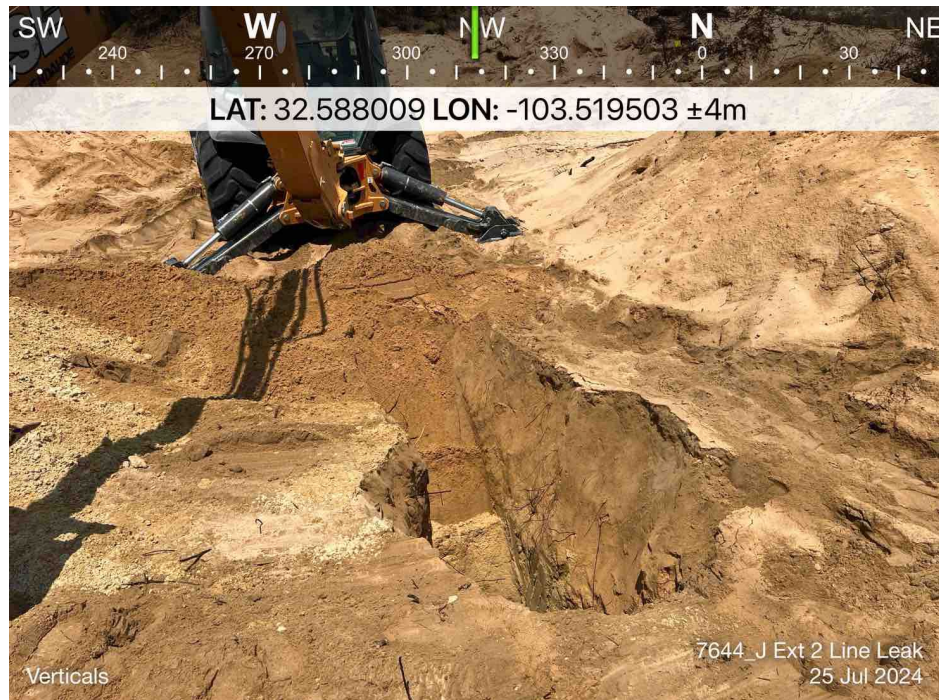
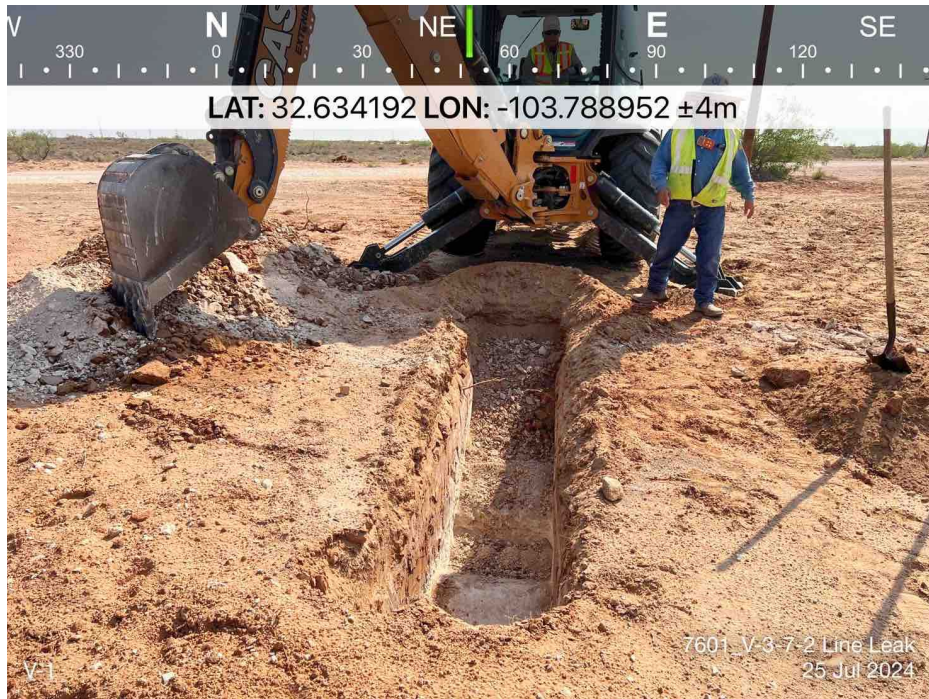
DCP Operating Company

J Ext 2 Line Leak – nAPP2416942284



DCP Operating Company

J Ext 2 Line Leak – nAPP2416942284



DCP Operating Company

J Ext 2 Line Leak – nAPP2416942284



DCP Operating Company

J Ext 2 Line Leak – nAPP2416942284



Appendix D – Certified Laboratory Analytical Reports



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

July 16, 2024

KYLE NORMAN

TASMAN GEOSCIENCES

6899 PECOS ST. UNIT C

DENVER, CO 80221

RE: 7644_J-EXT-2_LINE_LEAK

Enclosed are the results of analyses for samples received by the laboratory on 07/02/24 15:02.

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/ga/lab_accred_certif.html.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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 fluid and cursive, with the first name "Celey" being more prominent.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TASMAN GEOSCIENCES
6899 PECOS ST. UNIT C
DENVER CO, 80221

Project: 7644_J-EXT-2_LINE_LEAK
Project Number: NONE GIVEN
Project Manager: KYLE NORMAN
Fax To:

Reported:
16-Jul-24 15:34

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
HA - 1 @ 4'	H243992-01	Soil	01-Jul-24 09:10	02-Jul-24 15:02
HA - 1 @ 8'	H243992-02	Soil	01-Jul-24 09:20	02-Jul-24 15:02
HA - 2 @ 4'	H243992-03	Soil	01-Jul-24 09:35	02-Jul-24 15:02
HA - 2 @ 8'	H243992-04	Soil	01-Jul-24 09:45	02-Jul-24 15:02
HA - 3 @ 6'	H243992-05	Soil	01-Jul-24 10:05	02-Jul-24 15:02
HA - 3 @ 8'	H243992-06	Soil	01-Jul-24 10:10	02-Jul-24 15:02
HA - 4 @ 0.5'	H243992-07	Soil	01-Jul-24 10:15	02-Jul-24 15:02
HA - 4 @ 8'	H243992-08	Soil	01-Jul-24 10:35	02-Jul-24 15:02
HA - 5 @ 0.5'	H243992-09	Soil	02-Jul-24 08:50	02-Jul-24 15:02
HA - 5 @ 4'	H243992-10	Soil	02-Jul-24 09:00	02-Jul-24 15:02
HA - 6 @ 0.5'	H243992-11	Soil	02-Jul-24 09:05	02-Jul-24 15:02
HA - 6 @ 4'	H243992-12	Soil	02-Jul-24 09:15	02-Jul-24 15:02
HA - 7 @ 0.5'	H243992-13	Soil	02-Jul-24 09:20	02-Jul-24 15:02
HA - 7 @ 4'	H243992-14	Soil	02-Jul-24 09:30	02-Jul-24 15:02
HA - 8 @ 0.5'	H243992-15	Soil	02-Jul-24 09:35	02-Jul-24 15:02
HA - 8 @ 4'	H243992-16	Soil	02-Jul-24 09:45	02-Jul-24 15:02
HA - 9 @ 0.5'	H243992-17	Soil	02-Jul-24 09:50	02-Jul-24 15:02
HA - 9 @ 4'	H243992-18	Soil	02-Jul-24 10:00	02-Jul-24 15:02
HA - 10 @ 0.5'	H243992-19	Soil	02-Jul-24 10:05	02-Jul-24 15:02
HA - 10 @ 4'	H243992-20	Soil	02-Jul-24 10:15	02-Jul-24 15:02
HA - 11 @ 0.5'	H243992-21	Soil	02-Jul-24 11:55	02-Jul-24 15:02
HA - 11 @ 4'	H243992-22	Soil	02-Jul-24 12:05	02-Jul-24 15:02
HA - 12 @ 0.5'	H243992-23	Soil	02-Jul-24 12:10	02-Jul-24 15:02
HA - 12 @ 4'	H243992-24	Soil	02-Jul-24 12:20	02-Jul-24 15:02

07/16/24 - Client changed the project name (see COC). This is the revised report and will replace the one sent on 07/ 11/24.

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 or 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 damage 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
6899 PECOS ST. UNIT C
DENVER CO, 80221

Project: 7644_J-EXT-2_LINE_LEAK
Project Number: NONE GIVEN
Project Manager: KYLE NORMAN
Fax To:

Reported:
16-Jul-24 15:34

HA - 1 @ 4'
H243992-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	720		16.0	mg/kg	4	4070848	AC	08-Jul-24	4500-Cl-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	0.881		0.050	mg/kg	50	4070821	JH	10-Jul-24	8021B	
Toluene*	5.01		0.050	mg/kg	50	4070821	JH	10-Jul-24	8021B	
Ethylbenzene*	0.732		0.050	mg/kg	50	4070821	JH	10-Jul-24	8021B	
Total Xylenes*	3.20		0.150	mg/kg	50	4070821	JH	10-Jul-24	8021B	
Total BTEX	9.83		0.300	mg/kg	50	4070821	JH	10-Jul-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134 4070821 JH 10-Jul-24 8021B

Petroleum Hydrocarbons by GC FID**S-06**

GRO C6-C10*	300		100	mg/kg	10	4070527	MS	08-Jul-24	8015B	
DRO >C10-C28*	21200		100	mg/kg	10	4070527	MS	08-Jul-24	8015B	
EXT DRO >C28-C36	2830		100	mg/kg	10	4070527	MS	08-Jul-24	8015B	

Surrogate: 1-Chlorooctane 149 % 48.2-134 4070527 MS 08-Jul-24 8015B

Surrogate: 1-Chlorooctadecane 396 % 49.1-148 4070527 MS 08-Jul-24 8015B

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 or 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 damage 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
6899 PECOS ST. UNIT C
DENVER CO, 80221

Project: 7644_J-EXT-2_LINE_LEAK
Project Number: NONE GIVEN
Project Manager: KYLE NORMAN
Fax To:

Reported:
16-Jul-24 15:34

HA - 1 @ 8'
H243992-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	1730		16.0	mg/kg	4	4070848	AC	08-Jul-24	4500-CI-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	96.9		5.00	mg/kg	5000	4070821	JH	09-Jul-24	8021B	
Toluene*	393		5.00	mg/kg	5000	4070821	JH	09-Jul-24	8021B	
Ethylbenzene*	88.5		5.00	mg/kg	5000	4070821	JH	09-Jul-24	8021B	
Total Xylenes*	240		15.0	mg/kg	5000	4070821	JH	09-Jul-24	8021B	
Total BTEX	818		30.0	mg/kg	5000	4070821	JH	09-Jul-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			120 %	71.5-134		4070821	JH	09-Jul-24	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID**S-06**

GRO C6-C10*	14500		100	mg/kg	10	4070527	MS	08-Jul-24	8015B	
DRO >C10-C28*	44900		100	mg/kg	10	4070527	MS	08-Jul-24	8015B	
EXT DRO >C28-C36	5440		100	mg/kg	10	4070527	MS	08-Jul-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			544 %	48.2-134		4070527	MS	08-Jul-24	8015B	
----------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			888 %	49.1-148		4070527	MS	08-Jul-24	8015B	
--------------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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
6899 PECOS ST. UNIT C
DENVER CO, 80221

Project: 7644_J-EXT-2_LINE_LEAK
Project Number: NONE GIVEN
Project Manager: KYLE NORMAN
Fax To:

Reported:
16-Jul-24 15:34

HA - 2 @ 4'
H243992-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	1420		16.0	mg/kg	4	4070848	AC	08-Jul-24	4500-Cl-B	
----------	------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	4.81		1.00	mg/kg	1000	4070821	JH	09-Jul-24	8021B	
Toluene*	54.1		1.00	mg/kg	1000	4070821	JH	09-Jul-24	8021B	
Ethylbenzene*	13.0		1.00	mg/kg	1000	4070821	JH	09-Jul-24	8021B	
Total Xylenes*	80.3		3.00	mg/kg	1000	4070821	JH	09-Jul-24	8021B	
Total BTEX	152		6.00	mg/kg	1000	4070821	JH	09-Jul-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	151 %		71.5-134			4070821	JH	09-Jul-24	8021B	
---------------------------------------	-------	--	----------	--	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID**S-06**

GRO C6-C10*	3110		100	mg/kg	10	4070527	MS	08-Jul-24	8015B	
DRO >C10-C28*	13300		100	mg/kg	10	4070527	MS	08-Jul-24	8015B	
EXT DRO >C28-C36	1510		100	mg/kg	10	4070527	MS	08-Jul-24	8015B	

Surrogate: 1-Chlorooctane	202 %		48.2-134			4070527	MS	08-Jul-24	8015B	
---------------------------	-------	--	----------	--	--	---------	----	-----------	-------	--

Surrogate: 1-Chlorooctadecane	208 %		49.1-148			4070527	MS	08-Jul-24	8015B	
-------------------------------	-------	--	----------	--	--	---------	----	-----------	-------	--

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 or 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 damage 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
6899 PECOS ST. UNIT C
DENVER CO, 80221

Project: 7644_J-EXT-2_LINE_LEAK
Project Number: NONE GIVEN
Project Manager: KYLE NORMAN
Fax To:

Reported:
16-Jul-24 15:34

HA - 2 @ 8'
H243992-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	4160		16.0	mg/kg	4	4070903	AC	09-Jul-24	4500-Cl-B	QM-07
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	-------

Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	0.387		0.100	mg/kg	100	4070821	JH	10-Jul-24	8021B	
Toluene*	6.77		0.100	mg/kg	100	4070821	JH	10-Jul-24	8021B	
Ethylbenzene*	3.84		0.100	mg/kg	100	4070821	JH	10-Jul-24	8021B	
Total Xylenes*	15.1		0.300	mg/kg	100	4070821	JH	10-Jul-24	8021B	
Total BTEX	26.1		0.600	mg/kg	100	4070821	JH	10-Jul-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 204 % 71.5-134 4070821 JH 10-Jul-24 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	751		50.0	mg/kg	5	4070527	MS	08-Jul-24	8015B	
DRO >C10-C28*	4650		50.0	mg/kg	5	4070527	MS	08-Jul-24	8015B	
EXT DRO >C28-C36	523		50.0	mg/kg	5	4070527	MS	08-Jul-24	8015B	

Surrogate: 1-Chlorooctane 126 % 48.2-134 4070527 MS 08-Jul-24 8015B

Surrogate: 1-Chlorooctadecane 120 % 49.1-148 4070527 MS 08-Jul-24 8015B

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 or 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 damage 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
6899 PECOS ST. UNIT C
DENVER CO, 80221

Project: 7644_J-EXT-2_LINE_LEAK
Project Number: NONE GIVEN
Project Manager: KYLE NORMAN
Fax To:

Reported:
16-Jul-24 15:34

HA - 3 @ 6'
H243992-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	3520		16.0	mg/kg	4	4070903	AC	09-Jul-24	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	13.3		1.00	mg/kg	1000	4070821	JH	09-Jul-24	8021B	
Toluene*	95.6		1.00	mg/kg	1000	4070821	JH	09-Jul-24	8021B	
Ethylbenzene*	38.2		1.00	mg/kg	1000	4070821	JH	09-Jul-24	8021B	
Total Xylenes*	122		3.00	mg/kg	1000	4070821	JH	09-Jul-24	8021B	
Total BTEX	269		6.00	mg/kg	1000	4070821	JH	09-Jul-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			164 %	71.5-134		4070821	JH	09-Jul-24	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID**S-06**

GRO C6-C10*	4070		100	mg/kg	10	4070527	MS	08-Jul-24	8015B	
DRO >C10-C28*	31600		100	mg/kg	10	4070527	MS	08-Jul-24	8015B	
EXT DRO >C28-C36	3870		100	mg/kg	10	4070527	MS	08-Jul-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			309 %	48.2-134		4070527	MS	08-Jul-24	8015B	
----------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			522 %	49.1-148		4070527	MS	08-Jul-24	8015B	
--------------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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
6899 PECOS ST. UNIT C
DENVER CO, 80221

Project: 7644_J-EXT-2_LINE_LEAK
Project Number: NONE GIVEN
Project Manager: KYLE NORMAN
Fax To:

Reported:
16-Jul-24 15:34

HA - 3 @ 8'
H243992-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	1900		16.0	mg/kg	4	4070903	AC	09-Jul-24	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	4.07		2.00	mg/kg	2000	4070821	JH	11-Jul-24	8021B	
Toluene*	44.9		2.00	mg/kg	2000	4070821	JH	11-Jul-24	8021B	
Ethylbenzene*	20.0		2.00	mg/kg	2000	4070821	JH	11-Jul-24	8021B	
Total Xylenes*	65.6		6.00	mg/kg	2000	4070821	JH	11-Jul-24	8021B	
Total BTEX	135		12.0	mg/kg	2000	4070821	JH	11-Jul-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			120 %	71.5-134		4070821	JH	11-Jul-24	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID**S-06**

GRO C6-C10*	3440		100	mg/kg	10	4070527	MS	08-Jul-24	8015B	
DRO >C10-C28*	25700		100	mg/kg	10	4070527	MS	08-Jul-24	8015B	
EXT DRO >C28-C36	3160		100	mg/kg	10	4070527	MS	08-Jul-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			261 %	48.2-134		4070527	MS	08-Jul-24	8015B	
----------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			406 %	49.1-148		4070527	MS	08-Jul-24	8015B	
--------------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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
6899 PECOS ST. UNIT C
DENVER CO, 80221

Project: 7644_J-EXT-2_LINE_LEAK
Project Number: NONE GIVEN
Project Manager: KYLE NORMAN
Fax To:

Reported:
16-Jul-24 15:34

HA - 4 @ 0.5'
H243992-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	2180		16.0	mg/kg	4	4070903	AC	09-Jul-24	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	0.054		0.050	mg/kg	50	4070821	JH	10-Jul-24	8021B	
Toluene*	0.909		0.050	mg/kg	50	4070821	JH	10-Jul-24	8021B	
Ethylbenzene*	1.33		0.050	mg/kg	50	4070821	JH	10-Jul-24	8021B	
Total Xylenes*	5.69		0.150	mg/kg	50	4070821	JH	10-Jul-24	8021B	
Total BTEX	7.99		0.300	mg/kg	50	4070821	JH	10-Jul-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			195 %	71.5-134		4070821	JH	10-Jul-24	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID**S-06**

GRO C6-C10*	397		100	mg/kg	10	4070527	MS	08-Jul-24	8015B	
DRO >C10-C28*	16900		100	mg/kg	10	4070527	MS	08-Jul-24	8015B	
EXT DRO >C28-C36	2930		100	mg/kg	10	4070527	MS	08-Jul-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			144 %	48.2-134		4070527	MS	08-Jul-24	8015B	
----------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			360 %	49.1-148		4070527	MS	08-Jul-24	8015B	
--------------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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
6899 PECOS ST. UNIT C
DENVER CO, 80221

Project: 7644_J-EXT-2_LINE_LEAK
Project Number: NONE GIVEN
Project Manager: KYLE NORMAN
Fax To:

Reported:
16-Jul-24 15:34

HA - 4 @ 8'
H243992-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	672		16.0	mg/kg	4	4070903	AC	09-Jul-24	4500-Cl-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	1.38		0.500	mg/kg	500	4070821	JH	09-Jul-24	8021B	
Toluene*	20.4		0.500	mg/kg	500	4070821	JH	09-Jul-24	8021B	
Ethylbenzene*	12.7		0.500	mg/kg	500	4070821	JH	09-Jul-24	8021B	
Total Xylenes*	42.8		1.50	mg/kg	500	4070821	JH	09-Jul-24	8021B	
Total BTEX	77.3		3.00	mg/kg	500	4070821	JH	09-Jul-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			155 %	71.5-134		4070821	JH	09-Jul-24	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID**S-06**

GRO C6-C10*	1660		100	mg/kg	10	4070527	MS	09-Jul-24	8015B	
DRO >C10-C28*	8510		100	mg/kg	10	4070527	MS	09-Jul-24	8015B	
EXT DRO >C28-C36	969		100	mg/kg	10	4070527	MS	09-Jul-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			178 %	48.2-134		4070527	MS	09-Jul-24	8015B	
----------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			156 %	49.1-148		4070527	MS	09-Jul-24	8015B	
--------------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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
6899 PECOS ST. UNIT C
DENVER CO, 80221

Project: 7644_J-EXT-2_LINE_LEAK
Project Number: NONE GIVEN
Project Manager: KYLE NORMAN
Fax To:

Reported:
16-Jul-24 15:34

HA - 5 @ 0.5'
H243992-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	4070903	AC	09-Jul-24	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4070821	JH	09-Jul-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4070821	JH	09-Jul-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4070821	JH	09-Jul-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4070821	JH	09-Jul-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4070821	JH	09-Jul-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			101 %		71.5-134	4070821	JH	09-Jul-24	8021B	
--	--	--	-------	--	----------	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4070527	MS	08-Jul-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4070527	MS	08-Jul-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4070527	MS	08-Jul-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			98.1 %		48.2-134	4070527	MS	08-Jul-24	8015B	
----------------------------------	--	--	--------	--	----------	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			109 %		49.1-148	4070527	MS	08-Jul-24	8015B	
--------------------------------------	--	--	-------	--	----------	---------	----	-----------	-------	--

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 or 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 damage 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
6899 PECOS ST. UNIT C
DENVER CO, 80221

Project: 7644_J-EXT-2_LINE_LEAK
Project Number: NONE GIVEN
Project Manager: KYLE NORMAN
Fax To:

Reported:
16-Jul-24 15:34

HA - 5 @ 4'
H243992-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	4070903	AC	09-Jul-24	4500-Cl-B	
----------	------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4070821	JH	09-Jul-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4070821	JH	09-Jul-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4070821	JH	09-Jul-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4070821	JH	09-Jul-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4070821	JH	09-Jul-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134 4070821 JH 09-Jul-24 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4070528	MS	08-Jul-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4070528	MS	08-Jul-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4070528	MS	08-Jul-24	8015B	

Surrogate: 1-Chlorooctane 98.1 % 48.2-134 4070528 MS 08-Jul-24 8015B

Surrogate: 1-Chlorooctadecane 99.0 % 49.1-148 4070528 MS 08-Jul-24 8015B

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 or 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 damage 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
6899 PECOS ST. UNIT C
DENVER CO, 80221

Project: 7644_J-EXT-2_LINE_LEAK
Project Number: NONE GIVEN
Project Manager: KYLE NORMAN
Fax To:

Reported:
16-Jul-24 15:34

HA - 6 @ 0.5'
H243992-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	4070903	AC	09-Jul-24	4500-Cl-B	
----------	-------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4070821	JH	09-Jul-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4070821	JH	09-Jul-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4070821	JH	09-Jul-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4070821	JH	09-Jul-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4070821	JH	09-Jul-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134 4070821 JH 09-Jul-24 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4070528	MS	08-Jul-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4070528	MS	08-Jul-24	8015B	
EXT DRO >C28-C36	10.1		10.0	mg/kg	1	4070528	MS	08-Jul-24	8015B	

Surrogate: 1-Chlorooctane 86.8 % 48.2-134 4070528 MS 08-Jul-24 8015B

Surrogate: 1-Chlorooctadecane 85.9 % 49.1-148 4070528 MS 08-Jul-24 8015B

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 or 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 damage 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
6899 PECOS ST. UNIT C
DENVER CO, 80221

Project: 7644_J-EXT-2_LINE_LEAK
Project Number: NONE GIVEN
Project Manager: KYLE NORMAN
Fax To:

Reported:
16-Jul-24 15:34

HA - 6 @ 4'
H243992-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	4070903	AC	09-Jul-24	4500-Cl-B	
----------	-------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4070821	JH	09-Jul-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4070821	JH	09-Jul-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4070821	JH	09-Jul-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4070821	JH	09-Jul-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4070821	JH	09-Jul-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			102 %	71.5-134		4070821	JH	09-Jul-24	8021B	
---------------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4070528	MS	08-Jul-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4070528	MS	08-Jul-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4070528	MS	08-Jul-24	8015B	

Surrogate: 1-Chlorooctane			101 %	48.2-134		4070528	MS	08-Jul-24	8015B	
---------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Surrogate: 1-Chlorooctadecane			100 %	49.1-148		4070528	MS	08-Jul-24	8015B	
-------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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
6899 PECOS ST. UNIT C
DENVER CO, 80221

Project: 7644_J-EXT-2_LINE_LEAK
Project Number: NONE GIVEN
Project Manager: KYLE NORMAN
Fax To:

Reported:
16-Jul-24 15:34

HA - 7 @ 0.5'
H243992-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	4070903	AC	09-Jul-24	4500-Cl-B	
----------	-------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4070821	JH	09-Jul-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4070821	JH	09-Jul-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4070821	JH	09-Jul-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4070821	JH	09-Jul-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4070821	JH	09-Jul-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134 4070821 JH 09-Jul-24 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4070528	MS	08-Jul-24	8015B	
DRO >C10-C28*	12.8		10.0	mg/kg	1	4070528	MS	08-Jul-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4070528	MS	08-Jul-24	8015B	

Surrogate: 1-Chlorooctane 100 % 48.2-134 4070528 MS 08-Jul-24 8015B

Surrogate: 1-Chlorooctadecane 98.2 % 49.1-148 4070528 MS 08-Jul-24 8015B

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 or 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 damage 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
6899 PECOS ST. UNIT C
DENVER CO, 80221

Project: 7644_J-EXT-2_LINE_LEAK
Project Number: NONE GIVEN
Project Manager: KYLE NORMAN
Fax To:

Reported:
16-Jul-24 15:34

HA - 7 @ 4'
H243992-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	4070903	AC	09-Jul-24	4500-Cl-B	
----------	-------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4070822	JH	09-Jul-24	8021B	QR-03
Toluene*	<0.050		0.050	mg/kg	50	4070822	JH	09-Jul-24	8021B	QR-03
Ethylbenzene*	<0.050		0.050	mg/kg	50	4070822	JH	09-Jul-24	8021B	QR-03
Total Xylenes*	<0.150		0.150	mg/kg	50	4070822	JH	09-Jul-24	8021B	QR-03
Total BTEX	<0.300		0.300	mg/kg	50	4070822	JH	09-Jul-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134 4070822 JH 09-Jul-24 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4070528	MS	08-Jul-24	8015B	
DRO >C10-C28*	32.3		10.0	mg/kg	1	4070528	MS	08-Jul-24	8015B	
EXT DRO >C28-C36	12.0		10.0	mg/kg	1	4070528	MS	08-Jul-24	8015B	

Surrogate: 1-Chlorooctane 90.7 % 48.2-134 4070528 MS 08-Jul-24 8015B

Surrogate: 1-Chlorooctadecane 91.3 % 49.1-148 4070528 MS 08-Jul-24 8015B

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 or 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 damage 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
6899 PECOS ST. UNIT C
DENVER CO, 80221

Project: 7644_J-EXT-2_LINE_LEAK
Project Number: NONE GIVEN
Project Manager: KYLE NORMAN
Fax To:

Reported:
16-Jul-24 15:34

HA - 8 @ 0.5'
H243992-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	4070903	AC	09-Jul-24	4500-Cl-B	
----------	-------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4070822	JH	09-Jul-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4070822	JH	09-Jul-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4070822	JH	09-Jul-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4070822	JH	09-Jul-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4070822	JH	09-Jul-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			110 %	71.5-134		4070822	JH	09-Jul-24	8021B	
---------------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4070528	MS	08-Jul-24	8015B	
DRO >C10-C28*	54.3		10.0	mg/kg	1	4070528	MS	08-Jul-24	8015B	
EXT DRO >C28-C36	21.0		10.0	mg/kg	1	4070528	MS	08-Jul-24	8015B	

Surrogate: 1-Chlorooctane			89.8 %	48.2-134		4070528	MS	08-Jul-24	8015B	
---------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Surrogate: 1-Chlorooctadecane			89.3 %	49.1-148		4070528	MS	08-Jul-24	8015B	
-------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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
6899 PECOS ST. UNIT C
DENVER CO, 80221

Project: 7644_J-EXT-2_LINE_LEAK
Project Number: NONE GIVEN
Project Manager: KYLE NORMAN
Fax To:

Reported:
16-Jul-24 15:34

HA - 8 @ 4'
H243992-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	4070903	AC	09-Jul-24	4500-Cl-B	
----------	-------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4070822	JH	09-Jul-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4070822	JH	09-Jul-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4070822	JH	09-Jul-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4070822	JH	09-Jul-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4070822	JH	09-Jul-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			110 %	71.5-134		4070822	JH	09-Jul-24	8021B	
---------------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4070528	MS	08-Jul-24	8015B	
DRO >C10-C28*	34.5		10.0	mg/kg	1	4070528	MS	08-Jul-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4070528	MS	08-Jul-24	8015B	

Surrogate: 1-Chlorooctane			99.8 %	48.2-134		4070528	MS	08-Jul-24	8015B	
---------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Surrogate: 1-Chlorooctadecane			99.3 %	49.1-148		4070528	MS	08-Jul-24	8015B	
-------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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
6899 PECOS ST. UNIT C
DENVER CO, 80221

Project: 7644_J-EXT-2_LINE_LEAK
Project Number: NONE GIVEN
Project Manager: KYLE NORMAN
Fax To:

Reported:
16-Jul-24 15:34

HA - 9 @ 0.5'
H243992-17 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	4070903	AC	09-Jul-24	4500-Cl-B	
----------	-------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4070822	JH	09-Jul-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4070822	JH	09-Jul-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4070822	JH	09-Jul-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4070822	JH	09-Jul-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4070822	JH	09-Jul-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			113 %	71.5-134		4070822	JH	09-Jul-24	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4070528	MS	08-Jul-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4070528	MS	08-Jul-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4070528	MS	08-Jul-24	8015B	
Surrogate: 1-Chlorooctane			96.2 %	48.2-134		4070528	MS	08-Jul-24	8015B	
Surrogate: 1-Chlorooctadecane			95.4 %	49.1-148		4070528	MS	08-Jul-24	8015B	

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 or 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 damage 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
6899 PECOS ST. UNIT C
DENVER CO, 80221

Project: 7644_J-EXT-2_LINE_LEAK
Project Number: NONE GIVEN
Project Manager: KYLE NORMAN
Fax To:

Reported:
16-Jul-24 15:34

HA - 9 @ 4'
H243992-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	4070903	AC	09-Jul-24	4500-Cl-B	
----------	-------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4070822	JH	09-Jul-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4070822	JH	09-Jul-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4070822	JH	09-Jul-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4070822	JH	09-Jul-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4070822	JH	09-Jul-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			110 %	71.5-134		4070822	JH	09-Jul-24	8021B	
---------------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4070528	MS	08-Jul-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4070528	MS	08-Jul-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4070528	MS	08-Jul-24	8015B	

Surrogate: 1-Chlorooctane			99.2 %	48.2-134		4070528	MS	08-Jul-24	8015B	
---------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Surrogate: 1-Chlorooctadecane			99.0 %	49.1-148		4070528	MS	08-Jul-24	8015B	
-------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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
6899 PECOS ST. UNIT C
DENVER CO, 80221

Project: 7644_J-EXT-2_LINE_LEAK
Project Number: NONE GIVEN
Project Manager: KYLE NORMAN
Fax To:

Reported:
16-Jul-24 15:34

HA - 10 @ 0.5'**H243992-19 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	4070903	AC	09-Jul-24	4500-Cl-B	
----------	-------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4070822	JH	09-Jul-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4070822	JH	09-Jul-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4070822	JH	09-Jul-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4070822	JH	09-Jul-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4070822	JH	09-Jul-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134 4070822 JH 09-Jul-24 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4070528	MS	08-Jul-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4070528	MS	08-Jul-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4070528	MS	08-Jul-24	8015B	

Surrogate: 1-Chlorooctane 91.4 % 48.2-134 4070528 MS 08-Jul-24 8015B

Surrogate: 1-Chlorooctadecane 90.3 % 49.1-148 4070528 MS 08-Jul-24 8015B

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 or 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 damage 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
6899 PECOS ST. UNIT C
DENVER CO, 80221

Project: 7644_J-EXT-2_LINE_LEAK
Project Number: NONE GIVEN
Project Manager: KYLE NORMAN
Fax To:

Reported:
16-Jul-24 15:34

HA - 10 @ 4'
H243992-20 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	4070903	AC	09-Jul-24	4500-Cl-B	
----------	-------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4070822	JH	09-Jul-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4070822	JH	09-Jul-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4070822	JH	09-Jul-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4070822	JH	09-Jul-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4070822	JH	09-Jul-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			109 %	71.5-134		4070822	JH	09-Jul-24	8021B	
---------------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4070528	MS	08-Jul-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4070528	MS	08-Jul-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4070528	MS	08-Jul-24	8015B	

Surrogate: 1-Chlorooctane			97.3 %	48.2-134		4070528	MS	08-Jul-24	8015B	
---------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Surrogate: 1-Chlorooctadecane			95.8 %	49.1-148		4070528	MS	08-Jul-24	8015B	
-------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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
6899 PECOS ST. UNIT C
DENVER CO, 80221

Project: 7644_J-EXT-2_LINE_LEAK
Project Number: NONE GIVEN
Project Manager: KYLE NORMAN
Fax To:

Reported:
16-Jul-24 15:34

HA - 11 @ 0.5'**H243992-21 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	4070903	AC	09-Jul-24	4500-Cl-B	
----------	-------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4070822	JH	09-Jul-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4070822	JH	09-Jul-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4070822	JH	09-Jul-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4070822	JH	09-Jul-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4070822	JH	09-Jul-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			110 %	71.5-134		4070822	JH	09-Jul-24	8021B	
---------------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4070528	MS	08-Jul-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4070528	MS	08-Jul-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4070528	MS	08-Jul-24	8015B	

Surrogate: 1-Chlorooctane			98.1 %	48.2-134		4070528	MS	08-Jul-24	8015B	
---------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Surrogate: 1-Chlorooctadecane			96.7 %	49.1-148		4070528	MS	08-Jul-24	8015B	
-------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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
6899 PECOS ST. UNIT C
DENVER CO, 80221

Project: 7644_J-EXT-2_LINE_LEAK
Project Number: NONE GIVEN
Project Manager: KYLE NORMAN
Fax To:

Reported:
16-Jul-24 15:34

HA - 11 @ 4'
H243992-22 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	4070903	AC	09-Jul-24	4500-Cl-B	
----------	-------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4070822	JH	09-Jul-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4070822	JH	09-Jul-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4070822	JH	09-Jul-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4070822	JH	09-Jul-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4070822	JH	09-Jul-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134 4070822 JH 09-Jul-24 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4070528	MS	08-Jul-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4070528	MS	08-Jul-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4070528	MS	08-Jul-24	8015B	

Surrogate: 1-Chlorooctane 90.5 % 48.2-134 4070528 MS 08-Jul-24 8015B

Surrogate: 1-Chlorooctadecane 90.6 % 49.1-148 4070528 MS 08-Jul-24 8015B

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 or 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 damage 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
6899 PECOS ST. UNIT C
DENVER CO, 80221

Project: 7644_J-EXT-2_LINE_LEAK
Project Number: NONE GIVEN
Project Manager: KYLE NORMAN
Fax To:

Reported:
16-Jul-24 15:34

HA - 12 @ 0.5'**H243992-23 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	4070903	AC	09-Jul-24	4500-Cl-B	
----------	-------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4070822	JH	09-Jul-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4070822	JH	09-Jul-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4070822	JH	09-Jul-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4070822	JH	09-Jul-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4070822	JH	09-Jul-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134 4070822 JH 09-Jul-24 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4070528	MS	08-Jul-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4070528	MS	08-Jul-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4070528	MS	08-Jul-24	8015B	

Surrogate: 1-Chlorooctane 95.0 % 48.2-134 4070528 MS 08-Jul-24 8015B

Surrogate: 1-Chlorooctadecane 93.9 % 49.1-148 4070528 MS 08-Jul-24 8015B

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 or 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 damage 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
6899 PECOS ST. UNIT C
DENVER CO, 80221

Project: 7644_J-EXT-2_LINE_LEAK
Project Number: NONE GIVEN
Project Manager: KYLE NORMAN
Fax To:

Reported:
16-Jul-24 15:34

HA - 12 @ 4'
H243992-24 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	4070854	CT	08-Jul-24	4500-Cl-B	
----------	------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4070822	JH	09-Jul-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4070822	JH	09-Jul-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4070822	JH	09-Jul-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4070822	JH	09-Jul-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4070822	JH	09-Jul-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134 4070822 JH 09-Jul-24 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4070528	MS	08-Jul-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4070528	MS	08-Jul-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4070528	MS	08-Jul-24	8015B	

Surrogate: 1-Chlorooctane 116 % 48.2-134 4070528 MS 08-Jul-24 8015B

Surrogate: 1-Chlorooctadecane 122 % 49.1-148 4070528 MS 08-Jul-24 8015B

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 or 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 damage 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
6899 PECOS ST. UNIT C
DENVER CO, 80221

Project: 7644_J-EXT-2_LINE_LEAK
Project Number: NONE GIVEN
Project Manager: KYLE NORMAN
Fax To:

Reported:
16-Jul-24 15:34

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 4070848 - 1:4 DI Water**Blank (4070848-BLK1)**

Prepared & Analyzed: 08-Jul-24

Chloride	ND	16.0	mg/kg
----------	----	------	-------

LCS (4070848-BS1)

Prepared & Analyzed: 08-Jul-24

Chloride	400	16.0	mg/kg	400	100	80-120
----------	-----	------	-------	-----	-----	--------

LCS Dup (4070848-BSD1)

Prepared & Analyzed: 08-Jul-24

Chloride	400	16.0	mg/kg	400	100	80-120	0.00	20
----------	-----	------	-------	-----	-----	--------	------	----

Batch 4070854 - 1:4 DI Water**Blank (4070854-BLK1)**

Prepared & Analyzed: 08-Jul-24

Chloride	ND	16.0	mg/kg
----------	----	------	-------

LCS (4070854-BS1)

Prepared & Analyzed: 08-Jul-24

Chloride	432	16.0	mg/kg	400	108	80-120
----------	-----	------	-------	-----	-----	--------

LCS Dup (4070854-BSD1)

Prepared & Analyzed: 08-Jul-24

Chloride	416	16.0	mg/kg	400	104	80-120	3.77	20
----------	-----	------	-------	-----	-----	--------	------	----

Batch 4070903 - 1:4 DI Water**Blank (4070903-BLK1)**

Prepared & Analyzed: 09-Jul-24

Chloride	ND	16.0	mg/kg
----------	----	------	-------

LCS (4070903-BS1)

Prepared & Analyzed: 09-Jul-24

Chloride	400	16.0	mg/kg	400	100	80-120
----------	-----	------	-------	-----	-----	--------

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 or 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 damage 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
6899 PECOS ST. UNIT C
DENVER CO, 80221

Project: 7644_J-EXT-2_LINE_LEAK
Project Number: NONE GIVEN
Project Manager: KYLE NORMAN
Fax To:

Reported:
16-Jul-24 15:34

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch 4070903 - 1:4 DI Water**LCS Dup (4070903-BSD1)**

Prepared & Analyzed: 09-Jul-24

Chloride	400	16.0	mg/kg	400		100	80-120	0.00	20	
----------	-----	------	-------	-----	--	-----	--------	------	----	--

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 or 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 damage 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
6899 PECOS ST. UNIT C
DENVER CO, 80221

Project: 7644_J-EXT-2_LINE_LEAK
Project Number: NONE GIVEN
Project Manager: KYLE NORMAN
Fax To:

Reported:
16-Jul-24 15:34

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 4070821 - Volatiles**Blank (4070821-BLK1)**

Prepared: 08-Jul-24 Analyzed: 09-Jul-24

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0502		mg/kg	0.0500		100	71.5-134			

LCS (4070821-BS1)

Prepared: 08-Jul-24 Analyzed: 09-Jul-24

Benzene	1.95	0.050	mg/kg	2.00		97.3	82.8-130			
Toluene	1.95	0.050	mg/kg	2.00		97.3	86-128			
Ethylbenzene	2.00	0.050	mg/kg	2.00		100	85.9-128			
m,p-Xylene	3.96	0.100	mg/kg	4.00		99.0	89-129			
o-Xylene	1.95	0.050	mg/kg	2.00		97.5	86.1-125			
Total Xylenes	5.91	0.150	mg/kg	6.00		98.5	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0515		mg/kg	0.0500		103	71.5-134			

LCS Dup (4070821-BSD1)

Prepared: 08-Jul-24 Analyzed: 09-Jul-24

Benzene	1.87	0.050	mg/kg	2.00		93.6	82.8-130	3.83	15.8	
Toluene	1.85	0.050	mg/kg	2.00		92.7	86-128	4.82	15.9	
Ethylbenzene	1.89	0.050	mg/kg	2.00		94.3	85.9-128	5.88	16	
m,p-Xylene	3.73	0.100	mg/kg	4.00		93.2	89-129	6.00	16.2	
o-Xylene	1.84	0.050	mg/kg	2.00		91.8	86.1-125	6.12	16.7	
Total Xylenes	5.56	0.150	mg/kg	6.00		92.7	88.2-128	6.04	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0503		mg/kg	0.0500		101	71.5-134			

Batch 4070822 - Volatiles**Blank (4070822-BLK1)**

Prepared: 08-Jul-24 Analyzed: 09-Jul-24

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

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 or 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 damage 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
6899 PECOS ST. UNIT C
DENVER CO, 80221

Project: 7644_J-EXT-2_LINE_LEAK
Project Number: NONE GIVEN
Project Manager: KYLE NORMAN
Fax To:

Reported:
16-Jul-24 15:34

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 4070822 - Volatiles**Blank (4070822-BLK1)**

Prepared: 08-Jul-24 Analyzed: 09-Jul-24

Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0548		mg/kg	0.0500		110	71.5-134			

LCS (4070822-BS1)										
Prepared: 08-Jul-24 Analyzed: 09-Jul-24										
Benzene	2.04	0.050	mg/kg	2.00		102	82.8-130			
Toluene	2.20	0.050	mg/kg	2.00		110	86-128			
Ethylbenzene	2.20	0.050	mg/kg	2.00		110	85.9-128			
m,p-Xylene	4.61	0.100	mg/kg	4.00		115	89-129			
o-Xylene	2.18	0.050	mg/kg	2.00		109	86.1-125			
Total Xylenes	6.79	0.150	mg/kg	6.00		113	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0530		mg/kg	0.0500		106	71.5-134			

LCS Dup (4070822-BS1)

Prepared: 08-Jul-24 Analyzed: 09-Jul-24

Benzene	1.96	0.050	mg/kg	2.00		97.9	82.8-130	4.15	15.8	
Toluene	2.08	0.050	mg/kg	2.00		104	86-128	5.23	15.9	
Ethylbenzene	2.07	0.050	mg/kg	2.00		104	85.9-128	6.05	16	
m,p-Xylene	4.41	0.100	mg/kg	4.00		110	89-129	4.50	16.2	
o-Xylene	2.06	0.050	mg/kg	2.00		103	86.1-125	5.60	16.7	
Total Xylenes	6.47	0.150	mg/kg	6.00		108	88.2-128	4.85	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0524		mg/kg	0.0500		105	71.5-134			

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 or 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 damage 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
6899 PECOS ST. UNIT C
DENVER CO, 80221

Project: 7644_J-EXT-2_LINE_LEAK
Project Number: NONE GIVEN
Project Manager: KYLE NORMAN
Fax To:

Reported:
16-Jul-24 15:34

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	----------------	-----	--------------	-------

Batch 4070527 - General Prep - Organics**Blank (4070527-BLK1)**

Prepared: 05-Jul-24 Analyzed: 08-Jul-24

GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C36	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	40.4		mg/kg	50.0		80.8	48.2-134		
Surrogate: 1-Chlorooctadecane	45.7		mg/kg	50.0		91.3	49.1-148		

LCS (4070527-BS1)

Prepared: 05-Jul-24 Analyzed: 08-Jul-24

GRO C6-C10	193	10.0	mg/kg	200		96.6	66.4-123		
DRO >C10-C28	199	10.0	mg/kg	200		99.4	66.5-118		
Total TPH C6-C28	392	10.0	mg/kg	400		98.0	77.6-123		
Surrogate: 1-Chlorooctane	48.0		mg/kg	50.0		96.0	48.2-134		
Surrogate: 1-Chlorooctadecane	50.7		mg/kg	50.0		101	49.1-148		

LCS Dup (4070527-BS1)

Prepared: 05-Jul-24 Analyzed: 08-Jul-24

GRO C6-C10	187	10.0	mg/kg	200		93.7	66.4-123	3.07	17.7
DRO >C10-C28	185	10.0	mg/kg	200		92.7	66.5-118	6.97	21
Total TPH C6-C28	373	10.0	mg/kg	400		93.2	77.6-123	5.03	18.5
Surrogate: 1-Chlorooctane	49.6		mg/kg	50.0		99.3	48.2-134		
Surrogate: 1-Chlorooctadecane	52.3		mg/kg	50.0		105	49.1-148		

Batch 4070528 - General Prep - Organics**Blank (4070528-BLK1)**

Prepared: 05-Jul-24 Analyzed: 08-Jul-24

GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C36	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	42.2		mg/kg	50.0		84.3	48.2-134		
Surrogate: 1-Chlorooctadecane	43.4		mg/kg	50.0		86.8	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 or 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 damage 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
6899 PECOS ST. UNIT C
DENVER CO, 80221

Project: 7644_J-EXT-2_LINE_LEAK
Project Number: NONE GIVEN
Project Manager: KYLE NORMAN
Fax To:

Reported:
16-Jul-24 15:34

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	----------------	-----	--------------	-------

Batch 4070528 - General Prep - Organics**LCS (4070528-BS1)**

Prepared: 05-Jul-24 Analyzed: 08-Jul-24

GRO C6-C10	201	10.0	mg/kg	200		101	66.4-123		
DRO >C10-C28	210	10.0	mg/kg	200		105	66.5-118		
Total TPH C6-C28	411	10.0	mg/kg	400		103	77.6-123		
Surrogate: 1-Chlorooctane	48.9		mg/kg	50.0		97.8	48.2-134		
Surrogate: 1-Chlorooctadecane	47.9		mg/kg	50.0		95.7	49.1-148		

LCS Dup (4070528-BS1)

Prepared: 05-Jul-24 Analyzed: 08-Jul-24

GRO C6-C10	193	10.0	mg/kg	200		96.5	66.4-123	4.09	17.7
DRO >C10-C28	198	10.0	mg/kg	200		98.8	66.5-118	6.18	21
Total TPH C6-C28	391	10.0	mg/kg	400		97.7	77.6-123	5.15	18.5
Surrogate: 1-Chlorooctane	50.5		mg/kg	50.0		101	48.2-134		
Surrogate: 1-Chlorooctadecane	48.8		mg/kg	50.0		97.5	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 or 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 damage 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.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
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 or 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 damage 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.

A handwritten signature in black ink, appearing to read "Celey D. Keene", written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager





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



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

[illegible]

† 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. #:		TPH 8015 Ext BTEX Chlorides Hold 24-hr Rush 48-Hr Rush													
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 #: <i>4 J</i> Project Owner: DCP Midstream										City: Hobbs															
Project Name: 7644 Ext-2 Line Leak										State: NM Zip: 88240															
Project Location:										Phone #: 575-318-5017															
Sampler Name: Bryan Bastos										Fax #:															
FOR LAB USE ONLY																									
Lab I.D.		(GRAB OR C)OMP.		# CONTAINERS		MATRIX					PRESERV.		SAMPLING												
						GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME									
<i>4243992</i>		G						X				X		7/01/24	9:00										
<i>25</i>		G						X				X		7/01/24	9:05										
<i>24</i>		G						X				X		7/01/24	9:15										
<i>27</i>		G						X				X		7/01/24	9:25										
<i>28</i>		G						X				X		7/01/24	9:30										
<i>29</i>		G						X				X		7/01/24	9:50										
<i>30</i>		G						X				X		7/01/24	9:55										
<i>31</i>		G						X				X		7/01/24	10:00										
<i>30</i>		G						X				X		7/01/24	10:20										
<i>33</i>		G						X				X		7/01/24	10:25										
<i>34</i>		G						X				X		7/01/24	10:25										

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. 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, in whole or in part, 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:	7/2/2024	Received By:	Phone Result: ☐ Yes ☒ No	Add'l Phone #:	
<i>[Signature]</i>	Time: <i>1502</i>	<i>[Signature]</i>	Fax Result: ☐ Yes ☒ No	Add'l Fax #:	
Relinquished By:	Date:	Received By:	REMARKS:		
<i>[Signature]</i>	Time:		email results: NMDData@tasman-geo.com Janice.L.Hyman@p66.com; Albert.L.Hyman@p66.com; knorman@tasman-geo.com; bdennis@tasman-geo.com; lflores@tasman-geo.com; bbastos@tasman-geo.com		
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	<i>7-8c</i> <i>#140</i>	Sample Condition Cool Intact ☒ Yes ☐ No ☐ No ☐ No	CHECKED BY: (Initials) <i>AD</i>	<i>*Customer requested name change.</i> <i>7/15/24</i>	

† 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. #:		TPH 8015 Ext BTEX Chlorides Hold 24-hr Rush 48-Hr Rush												
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: * 76445-Ext-2_Line_Leak										State: NM Zip: 88240														
Project Location:										Phone #: 575-318-5017														
Sampler Name: Bryan Bastos										Fax #:														
FOR LAB USE ONLY																								
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME										
HA243712	HA-4 @ 6'	G				X				X			7/02/24	10:30										
35	HA-5 @ 2'	G				X				X			7/02/24	8:55										
36	HA-6 @ 2'	G				X				X			7/02/24	9:10										
37	HA-7 @ 2'	G				X				X			7/02/24	9:25										
38	HA-8 @ 2'	G				X				X			7/02/24	9:40										
39	HA-9 @ 2'	G				X				X			7/02/24	9:55										
40	HA-10 @ 2'	G				X				X			7/02/24	10:10										
41	HA-11 @ 2'	G				X				X			7/02/24	12:00										
42	HA-12 @ 2'	G				X				X			7/02/24	12:15										
43	HA-12 @ 2'	G				X				X			7/02/24	12:15										
44	HA2 @ 6'												7-24	9:40										

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:	7/2/2024	Received By:	Phone Result: ☐ Yes ☐ No	Add'l Phone #:
Time: 1502		Signature	Fax Result: ☐ Yes ☐ 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; knorman@tasman-geo.com;	
			bdennis@tasman-geo.com; lflores@tasman-geo.com;	
Delivered By: (Circle One)		Sample Condition	bbastos@tasman-geo.com	
Sampler - UPS - Bus - Other:	2.8°C	Cool Intact	Customer wants to add sample 44	
	#140	☒ Yes ☐ No	to COC. AP 7-3-24	
		☐ No ☐ No	* Customer requested name change.	
			G.O. 7/15/24	

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



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

July 31, 2024

KYLE NORMAN

TASMAN GEOSCIENCES

6899 PECOS ST. UNIT C

DENVER, CO 80221

RE: 7644_J-EXT-2_LINE_LEAK

Enclosed are the results of analyses for samples received by the laboratory on 07/25/24 16:08.

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 style with a large, stylized 'C' and 'K'.

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: 07/25/2024
 Reported: 07/31/2024
 Project Name: 7644_J-EXT-2_LINE_LEAK
 Project Number: 7644
 Project Location: NONE GIVEN

Sampling Date: 07/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 1 @ 6' (H244455-04)

BTX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	5.66	1.00	07/29/2024	ND	2.00	100	2.00	7.14	
Toluene*	58.5	1.00	07/29/2024	ND	1.95	97.6	2.00	7.53	
Ethylbenzene*	19.3	1.00	07/29/2024	ND	1.98	99.2	2.00	8.31	GC-NC1
Total Xylenes*	80.9	3.00	07/29/2024	ND	5.83	97.2	6.00	8.80	GC-NC1
Total BTX	164	6.00	07/29/2024	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 148 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2720	16.0	07/29/2024	ND	448	112	400	3.64	

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*	2710	50.0	07/29/2024	ND	187	93.5	200	4.49	
DRO >C10-C28*	9390	50.0	07/29/2024	ND	174	87.1	200	0.581	
EXT DRO >C28-C36	808	50.0	07/29/2024	ND					

Surrogate: 1-Chlorooctane 420 % 48.2-134

Surrogate: 1-Chlorooctadecane 181 % 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: 07/25/2024
 Reported: 07/31/2024
 Project Name: 7644_J-EXT-2_LINE_LEAK
 Project Number: 7644
 Project Location: NONE GIVEN

Sampling Date: 07/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 1 @ 10' (H244455-06)

BTX 8021B		mg/kg	Analyzed By: JH					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.062	0.050	07/30/2024	ND	2.00	100	2.00	7.14	
Toluene*	2.26	0.050	07/30/2024	ND	1.95	97.6	2.00	7.53	
Ethylbenzene*	1.58	0.050	07/30/2024	ND	1.98	99.2	2.00	8.31	GC-NC1
Total Xylenes*	6.85	0.150	07/30/2024	ND	5.83	97.2	6.00	8.80	GC-NC1
Total BTX	10.8	0.300	07/30/2024	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 200 % 71.5-134

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2320	16.0	07/29/2024	ND	448	112	400	3.64	

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*	332	50.0	07/29/2024	ND	187	93.5	200	4.49	
DRO >C10-C28*	2260	50.0	07/29/2024	ND	174	87.1	200	0.581	
EXT DRO >C28-C36	166	50.0	07/29/2024	ND					

Surrogate: 1-Chlorooctane 149 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 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: 07/25/2024
 Reported: 07/31/2024
 Project Name: 7644_J-EXT-2_LINE_LEAK
 Project Number: 7644
 Project Location: NONE GIVEN

Sampling Date: 07/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 1 @ 12' (H244455-07)

BTEx 8021B		mg/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.890	0.500	07/29/2024	ND	2.00	100	2.00	7.14	
Toluene*	13.3	0.500	07/29/2024	ND	1.95	97.6	2.00	7.53	
Ethylbenzene*	5.61	0.500	07/29/2024	ND	1.98	99.2	2.00	8.31	GC-NC1
Total Xylenes*	20.3	1.50	07/29/2024	ND	5.83	97.2	6.00	8.80	GC-NC1
Total BTEX	40.1	3.00	07/29/2024	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 127 % 71.5-134

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	07/29/2024	ND	448	112	400	3.64	

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*	1160	50.0	07/29/2024	ND	187	93.5	200	4.49	
DRO >C10-C28*	4930	50.0	07/29/2024	ND	174	87.1	200	0.581	
EXT DRO >C28-C36	474	50.0	07/29/2024	ND					

Surrogate: 1-Chlorooctane 213 % 48.2-134

Surrogate: 1-Chlorooctadecane 161 % 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: 07/25/2024
 Reported: 07/31/2024
 Project Name: 7644_J-EXT-2_LINE_LEAK
 Project Number: 7644
 Project Location: NONE GIVEN

Sampling Date: 07/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 2 @ 4' (H244455-10)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	6.39	1.00	07/29/2024	ND	2.00	100	2.00	7.14	
Toluene*	56.6	1.00	07/29/2024	ND	1.95	97.6	2.00	7.53	
Ethylbenzene*	17.5	1.00	07/29/2024	ND	1.98	99.2	2.00	8.31	GC-NC1
Total Xylenes*	60.0	3.00	07/29/2024	ND	5.83	97.2	6.00	8.80	GC-NC1
Total BTEX	140	6.00	07/29/2024	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 132 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4960	16.0	07/29/2024	ND	448	112	400	3.64	

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*	3330	50.0	07/29/2024	ND	187	93.5	200	4.49		
DRO >C10-C28*	10900	50.0	07/29/2024	ND	174	87.1	200	0.581		
EXT DRO >C28-C36	1020	50.0	07/29/2024	ND						

Surrogate: 1-Chlorooctane 474 % 48.2-134

Surrogate: 1-Chlorooctadecane 212 % 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: 07/25/2024
 Reported: 07/31/2024
 Project Name: 7644_J-EXT-2_LINE_LEAK
 Project Number: 7644
 Project Location: NONE GIVEN

Sampling Date: 07/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 2 @ 6' (H244455-11)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	12.8	1.00	07/29/2024	ND	2.00	100	2.00	7.14	
Toluene*	87.2	1.00	07/29/2024	ND	1.95	97.6	2.00	7.53	
Ethylbenzene*	24.2	1.00	07/29/2024	ND	1.98	99.2	2.00	8.31	GC-NC1
Total Xylenes*	76.6	3.00	07/29/2024	ND	5.83	97.2	6.00	8.80	GC-NC1
Total BTEX	201	6.00	07/29/2024	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 139 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3360	16.0	07/29/2024	ND	448	112	400	3.64	

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*	3940	50.0	07/29/2024	ND	187	93.5	200	4.49	
DRO >C10-C28*	14100	50.0	07/29/2024	ND	174	87.1	200	0.581	
EXT DRO >C28-C36	1520	50.0	07/29/2024	ND					

Surrogate: 1-Chlorooctane 654 % 48.2-134

Surrogate: 1-Chlorooctadecane 343 % 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: 07/25/2024
 Reported: 07/31/2024
 Project Name: 7644_J-EXT-2_LINE_LEAK
 Project Number: 7644
 Project Location: NONE GIVEN

Sampling Date: 07/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 2 @ 10' (H244455-13)

BTEx 8021B		mg/kg	Analyzed By: JH					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	22.6	1.00	07/29/2024	ND	2.00	100	2.00	7.14	
Toluene*	161	1.00	07/29/2024	ND	1.95	97.6	2.00	7.53	
Ethylbenzene*	40.0	1.00	07/29/2024	ND	1.98	99.2	2.00	8.31	GC-NC1
Total Xylenes*	125	3.00	07/29/2024	ND	5.83	97.2	6.00	8.80	GC-NC1
Total BTEX	348	6.00	07/29/2024	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 148 % 71.5-134

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3160	16.0	07/30/2024	ND	432	108	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*	5260	50.0	07/29/2024	ND	187	93.5	200	4.49	
DRO >C10-C28*	14800	50.0	07/29/2024	ND	174	87.1	200	0.581	
EXT DRO >C28-C36	1550	50.0	07/29/2024	ND					

Surrogate: 1-Chlorooctane 671 % 48.2-134

Surrogate: 1-Chlorooctadecane 240 % 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.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
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.

A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey 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

[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: 7/25/08	Received By: [Signature]	Phone Result: ☐ Yes ☐ No	Add'l Phone #:
Relinquished By:	Time: 11:08	Received By:	Fax Result: ☐ Yes ☐ No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
Relinquished By:	Time:	Received By:	email results: NMDData@tasman-geo.com Janice.L.Hyman@p66.com; Albert.L.Hyman@p66.com oprimero@tasman-geo.com	
Delivered By: (Circle One)	Sample Condition	CHECKED BY:		
Sampler - UPS - Bus - Other:	Cool Intact	(Initials)		
	☒ Yes ☐ No			
	☐ Yes ☐ No			

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



Environment Testing

1

2

3

4

5

6

7

8

9

10

11

12

13

14

ANALYTICAL REPORT

PREPARED FOR

Attn: Kyle Norman
Tasman Geosciences Inc
2620 W. Marland Blvd.
Hobbs, New Mexico 88240

Generated 4/17/2026 1:59:38 PM

JOB DESCRIPTION

7644_J Ext.2 Line leak
7644

JOB NUMBER

880-70808-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
4/17/2026 1:59:38 PM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: Tasman Geosciences Inc
Project/Site: 7644_J Ext.2 Line leak

Laboratory Job ID: 880-70808-1
SDG: 7644

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	6
Client Sample Results	8
Surrogate Summary	20
QC Sample Results	22
QC Association Summary	29
Lab Chronicle	34
Certification Summary	39
Method Summary	40
Sample Summary	41
Chain of Custody	42
Receipt Checklists	46

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Definitions/Glossary

Client: Tasman Geosciences Inc
Project/Site: 7644_J Ext.2 Line leak

Job ID: 880-70808-1
SDG: 7644

Qualifiers

GC VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Eurofins Midland

Definitions/Glossary

Client: Tasman Geosciences Inc
Project/Site: 7644_J Ext.2 Line leak

Job ID: 880-70808-1
SDG: 7644

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TNTC	Too Numerous To Count

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Case Narrative

Client: Tasman Geosciences Inc
Project: 7644_J Ext.2 Line leak

Job ID: 880-70808-1

Job ID: 880-70808-1

Eurofins Midland

Job Narrative
880-70808-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 4/9/2026 4:54 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 6.7°C.

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: HA - 82 (880-70808-25), HA - 82 (880-70808-26) and HA - 86 (880-70808-31). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: HA - 86 (880-70808-16). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: HA - 93 (880-70808-7). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: HA - 93 (880-70808-33). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: HA - 93 (880-70808-33). Elevated reporting limits (RLs) are provided.

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

Diesel Range Organics

Method 8015B NM: The continuing calibration verification (CCV) associated with batch 880-137764 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is:(CCV 880-137764/97).

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: SS-39 (880-70808-2), HA - 100 (880-70808-11), HA - 98 (880-70808-14), HA - 86 (880-70808-16), (LCS 880-137356/2-A) and (LCSD 880-137356/3-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-137460/2-A) and (LCSD 880-137460/3-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: The method blank for preparation batch 880-137460 and analytical batch 880-137766 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-137460 and analytical batch 880-137766 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Eurofins Midland

Case Narrative

Client: Tasman Geosciences Inc
Project: 7644_J Ext.2 Line leak

Job ID: 880-70808-1

Job ID: 880-70808-1 (Continued)

Eurofins Midland

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

HPLC/IC

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Client Sample Results

Client: Tasman Geosciences Inc
Project/Site: 7644_J Ext.2 Line leak

Job ID: 880-70808-1
SDG: 7644

Client Sample ID: SS-11

Lab Sample ID: 880-70808-1

Date Collected: 04/07/26 09:16

Matrix: Solid

Date Received: 04/09/26 16:54

Sample Depth: -

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00198	0.00138	mg/Kg	-	04/16/26 08:14	04/16/26 16:49	1
Toluene	<0.00198	U	0.00198	0.00198	mg/Kg	-	04/16/26 08:14	04/16/26 16:49	1
Ethylbenzene	<0.00108	U	0.00198	0.00108	mg/Kg	-	04/16/26 08:14	04/16/26 16:49	1
m-Xylene & p-Xylene	<0.00226	U	0.00396	0.00226	mg/Kg	-	04/16/26 08:14	04/16/26 16:49	1
o-Xylene	<0.00157	U	0.00198	0.00157	mg/Kg	-	04/16/26 08:14	04/16/26 16:49	1
Xylenes, Total	<0.00226	U	0.00396	0.00226	mg/Kg	-	04/16/26 08:14	04/16/26 16:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	04/16/26 08:14	04/16/26 16:49	1
1,4-Difluorobenzene (Surr)	106		70 - 130	04/16/26 08:14	04/16/26 16:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00226	U	0.00396	0.00226	mg/Kg	-		04/16/26 16:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	50.1	15.1	mg/Kg	-		04/14/26 20:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	50.1	14.5	mg/Kg	-	04/09/26 15:11	04/14/26 20:56	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.1	15.1	mg/Kg	-	04/09/26 15:11	04/14/26 20:56	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.1	15.1	mg/Kg	-	04/09/26 15:11	04/14/26 20:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130	04/09/26 15:11	04/14/26 20:56	1
o-Terphenyl	127		70 - 130	04/09/26 15:11	04/14/26 20:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.2		9.92	0.392	mg/Kg	-		04/13/26 14:07	1

Client Sample ID: SS-39

Lab Sample ID: 880-70808-2

Date Collected: 04/08/26 10:06

Matrix: Solid

Date Received: 04/09/26 16:54

Sample Depth: -

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00199	0.00139	mg/Kg	-	04/16/26 08:14	04/16/26 17:09	1
Toluene	<0.00199	U	0.00199	0.00199	mg/Kg	-	04/16/26 08:14	04/16/26 17:09	1
Ethylbenzene	<0.00108	U	0.00199	0.00108	mg/Kg	-	04/16/26 08:14	04/16/26 17:09	1
m-Xylene & p-Xylene	<0.00228	U	0.00398	0.00228	mg/Kg	-	04/16/26 08:14	04/16/26 17:09	1
o-Xylene	<0.00158	U	0.00199	0.00158	mg/Kg	-	04/16/26 08:14	04/16/26 17:09	1
Xylenes, Total	<0.00228	U	0.00398	0.00228	mg/Kg	-	04/16/26 08:14	04/16/26 17:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	04/16/26 08:14	04/16/26 17:09	1

Eurofins Midland

Client Sample Results

Client: Tasman Geosciences Inc
Project/Site: 7644_J Ext.2 Line leak

Job ID: 880-70808-1
SDG: 7644

Client Sample ID: SS-39

Lab Sample ID: 880-70808-2

Date Collected: 04/08/26 10:06

Matrix: Solid

Date Received: 04/09/26 16:54

Sample Depth: -

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	103		70 - 130	04/16/26 08:14	04/16/26 17:09	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00228	U	0.00398	0.00228	mg/Kg	-		04/16/26 17:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	49.9	15.1	mg/Kg	-		04/14/26 21:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	49.9	14.5	mg/Kg	-	04/09/26 15:11	04/14/26 21:17	1
Diesel Range Organics (Over C10-C28)	<15.1	U	49.9	15.1	mg/Kg	-	04/09/26 15:11	04/14/26 21:17	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.9	15.1	mg/Kg	-	04/09/26 15:11	04/14/26 21:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	130		70 - 130				04/09/26 15:11	04/14/26 21:17	1
o-Terphenyl	143	S1+	70 - 130				04/09/26 15:11	04/14/26 21:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25.1		9.96	0.393	mg/Kg	-		04/13/26 16:37	1

Client Sample ID: SS-56

Lab Sample ID: 880-70808-3

Date Collected: 04/08/26 09:46

Matrix: Solid

Date Received: 04/09/26 16:54

Sample Depth: -

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg	-	04/16/26 08:14	04/16/26 17:29	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg	-	04/16/26 08:14	04/16/26 17:29	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg	-	04/16/26 08:14	04/16/26 17:29	1
m-Xylene & p-Xylene	<0.00228	U	0.00399	0.00228	mg/Kg	-	04/16/26 08:14	04/16/26 17:29	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg	-	04/16/26 08:14	04/16/26 17:29	1
Xylenes, Total	<0.00228	U	0.00399	0.00228	mg/Kg	-	04/16/26 08:14	04/16/26 17:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	04/16/26 08:14	04/16/26 17:29	1
1,4-Difluorobenzene (Surr)	102		70 - 130	04/16/26 08:14	04/16/26 17:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00228	U	0.00399	0.00228	mg/Kg	-		04/16/26 17:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	50.0	15.1	mg/Kg	-		04/14/26 21:38	1

Eurofins Midland

Client Sample Results

Client: Tasman Geosciences Inc
Project/Site: 7644_J Ext.2 Line leak

Job ID: 880-70808-1
SDG: 7644

Client Sample ID: SS-56

Lab Sample ID: 880-70808-3

Date Collected: 04/08/26 09:46

Matrix: Solid

Date Received: 04/09/26 16:54

Sample Depth: -

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	50.0	14.5	mg/Kg	-	04/09/26 15:11	04/14/26 21:38	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg	-	04/09/26 15:11	04/14/26 21:38	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg	-	04/09/26 15:11	04/14/26 21:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				04/09/26 15:11	04/14/26 21:38	1
o-Terphenyl	114		70 - 130				04/09/26 15:11	04/14/26 21:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.71	J	9.92	0.392	mg/Kg	-		04/13/26 16:53	1

Client Sample ID: SS-73

Lab Sample ID: 880-70808-4

Date Collected: 04/08/26 09:54

Matrix: Solid

Date Received: 04/09/26 16:54

Sample Depth: -

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00140	U	0.00201	0.00140	mg/Kg	-	04/16/26 08:14	04/16/26 17:50	1
Toluene	<0.00201	U	0.00201	0.00201	mg/Kg	-	04/16/26 08:14	04/16/26 17:50	1
Ethylbenzene	<0.00109	U	0.00201	0.00109	mg/Kg	-	04/16/26 08:14	04/16/26 17:50	1
m-Xylene & p-Xylene	<0.00229	U	0.00402	0.00229	mg/Kg	-	04/16/26 08:14	04/16/26 17:50	1
o-Xylene	<0.00159	U	0.00201	0.00159	mg/Kg	-	04/16/26 08:14	04/16/26 17:50	1
Xylenes, Total	<0.00229	U	0.00402	0.00229	mg/Kg	-	04/16/26 08:14	04/16/26 17:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				04/16/26 08:14	04/16/26 17:50	1
1,4-Difluorobenzene (Surr)	100		70 - 130				04/16/26 08:14	04/16/26 17:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00229	U	0.00402	0.00229	mg/Kg	-		04/16/26 17:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	49.9	15.1	mg/Kg	-		04/14/26 22:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	49.9	14.5	mg/Kg	-	04/09/26 15:11	04/14/26 22:18	1
Diesel Range Organics (Over C10-C28)	<15.1	U	49.9	15.1	mg/Kg	-	04/09/26 15:11	04/14/26 22:18	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.9	15.1	mg/Kg	-	04/09/26 15:11	04/14/26 22:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				04/09/26 15:11	04/14/26 22:18	1
o-Terphenyl	119		70 - 130				04/09/26 15:11	04/14/26 22:18	1

Eurofins Midland

Client Sample Results

Client: Tasman Geosciences Inc
Project/Site: 7644_J Ext.2 Line leak

Job ID: 880-70808-1
SDG: 7644

Client Sample ID: SS-73

Lab Sample ID: 880-70808-4

Date Collected: 04/08/26 09:54

Matrix: Solid

Date Received: 04/09/26 16:54

Sample Depth: -

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.76	J	9.92	0.392	mg/Kg	-		04/13/26 16:58	1

Client Sample ID: SS-29

Lab Sample ID: 880-70808-5

Date Collected: 04/07/26 10:53

Matrix: Solid

Date Received: 04/09/26 16:54

Sample Depth: -

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00140	U	0.00201	0.00140	mg/Kg	-	04/16/26 08:14	04/16/26 18:10	1
Toluene	<0.00201	U	0.00201	0.00201	mg/Kg	-	04/16/26 08:14	04/16/26 18:10	1
Ethylbenzene	<0.00109	U	0.00201	0.00109	mg/Kg	-	04/16/26 08:14	04/16/26 18:10	1
m-Xylene & p-Xylene	<0.00229	U	0.00402	0.00229	mg/Kg	-	04/16/26 08:14	04/16/26 18:10	1
o-Xylene	<0.00159	U	0.00201	0.00159	mg/Kg	-	04/16/26 08:14	04/16/26 18:10	1
Xylenes, Total	<0.00229	U	0.00402	0.00229	mg/Kg	-	04/16/26 08:14	04/16/26 18:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				04/16/26 08:14	04/16/26 18:10	1
1,4-Difluorobenzene (Surr)	103		70 - 130				04/16/26 08:14	04/16/26 18:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00229	U	0.00402	0.00229	mg/Kg	-		04/16/26 18:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	50.0	15.1	mg/Kg	-		04/14/26 22:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	50.0	14.5	mg/Kg	-	04/09/26 15:11	04/14/26 22:39	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg	-	04/09/26 15:11	04/14/26 22:39	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg	-	04/09/26 15:11	04/14/26 22:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				04/09/26 15:11	04/14/26 22:39	1
o-Terphenyl	115		70 - 130				04/09/26 15:11	04/14/26 22:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.14	J	10.0	0.397	mg/Kg	-		04/13/26 17:03	1

Eurofins Midland

Client Sample Results

Client: Tasman Geosciences Inc
Project/Site: 7644_J Ext.2 Line leak

Job ID: 880-70808-1
SDG: 7644

Client Sample ID: HA - 93

Lab Sample ID: 880-70808-7

Date Collected: 04/07/26 08:41

Matrix: Solid

Date Received: 04/09/26 16:54

Sample Depth: 2'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00198	0.00138	mg/Kg	-	04/16/26 08:14	04/16/26 18:31	1
Toluene	0.173		0.00198	0.00198	mg/Kg		04/16/26 08:14	04/16/26 18:31	1
Ethylbenzene	<0.00108	U	0.00198	0.00108	mg/Kg		04/16/26 08:14	04/16/26 18:31	1
m-Xylene & p-Xylene	0.0408		0.00396	0.00226	mg/Kg		04/16/26 08:14	04/16/26 18:31	1
o-Xylene	0.264		0.00198	0.00157	mg/Kg		04/16/26 08:14	04/16/26 18:31	1
Xylenes, Total	0.305		0.00396	0.00226	mg/Kg		04/16/26 08:14	04/16/26 18:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	279	S1+	70 - 130	04/16/26 08:14	04/16/26 18:31	1
1,4-Difluorobenzene (Surr)	87		70 - 130	04/16/26 08:14	04/16/26 18:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.478		0.00396	0.00226	mg/Kg	-		04/16/26 18:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2780		49.9	15.1	mg/Kg	-		04/14/26 22:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	118		49.9	14.5	mg/Kg		04/09/26 15:11	04/14/26 22:59	1
Diesel Range Organics (Over C10-C28)	2660		49.9	15.1	mg/Kg		04/09/26 15:11	04/14/26 22:59	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.9	15.1	mg/Kg		04/09/26 15:11	04/14/26 22:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130	04/09/26 15:11	04/14/26 22:59	1
o-Terphenyl	119		70 - 130	04/09/26 15:11	04/14/26 22:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.52	J	10.0	0.396	mg/Kg	-		04/13/26 17:09	1

Client Sample ID: HA - 100

Lab Sample ID: 880-70808-11

Date Collected: 04/09/26 12:29

Matrix: Solid

Date Received: 04/09/26 16:54

Sample Depth: 4'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg	-	04/16/26 08:14	04/16/26 18:51	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		04/16/26 08:14	04/16/26 18:51	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		04/16/26 08:14	04/16/26 18:51	1
m-Xylene & p-Xylene	<0.00228	U	0.00399	0.00228	mg/Kg		04/16/26 08:14	04/16/26 18:51	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		04/16/26 08:14	04/16/26 18:51	1
Xylenes, Total	<0.00228	U	0.00399	0.00228	mg/Kg		04/16/26 08:14	04/16/26 18:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	04/16/26 08:14	04/16/26 18:51	1

Eurofins Midland

Client Sample Results

Client: Tasman Geosciences Inc
Project/Site: 7644_J Ext.2 Line leak

Job ID: 880-70808-1
SDG: 7644

Client Sample ID: HA - 100

Lab Sample ID: 880-70808-11

Date Collected: 04/09/26 12:29

Matrix: Solid

Date Received: 04/09/26 16:54

Sample Depth: 4'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	103		70 - 130	04/16/26 08:14	04/16/26 18:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00228	U	0.00399	0.00228	mg/Kg			04/16/26 18:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	65.0		50.0	15.1	mg/Kg			04/14/26 23:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	50.0	14.5	mg/Kg		04/09/26 15:11	04/14/26 23:19	1
Diesel Range Organics (Over C10-C28)	65.0		50.0	15.1	mg/Kg		04/09/26 15:11	04/14/26 23:19	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		04/09/26 15:11	04/14/26 23:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130				04/09/26 15:11	04/14/26 23:19	1
o-Terphenyl	132	S1+	70 - 130				04/09/26 15:11	04/14/26 23:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.46	J	9.94	0.393	mg/Kg			04/13/26 17:24	1

Client Sample ID: HA - 98

Lab Sample ID: 880-70808-14

Date Collected: 04/09/26 12:16

Matrix: Solid

Date Received: 04/09/26 16:54

Sample Depth: 4'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00140	U	0.00201	0.00140	mg/Kg		04/16/26 08:14	04/16/26 19:12	1
Toluene	<0.00201	U	0.00201	0.00201	mg/Kg		04/16/26 08:14	04/16/26 19:12	1
Ethylbenzene	<0.00110	U	0.00201	0.00110	mg/Kg		04/16/26 08:14	04/16/26 19:12	1
m-Xylene & p-Xylene	<0.00230	U	0.00402	0.00230	mg/Kg		04/16/26 08:14	04/16/26 19:12	1
o-Xylene	<0.00159	U	0.00201	0.00159	mg/Kg		04/16/26 08:14	04/16/26 19:12	1
Xylenes, Total	<0.00230	U	0.00402	0.00230	mg/Kg		04/16/26 08:14	04/16/26 19:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	04/16/26 08:14	04/16/26 19:12	1
1,4-Difluorobenzene (Surr)	101		70 - 130	04/16/26 08:14	04/16/26 19:12	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00230	U	0.00402	0.00230	mg/Kg			04/16/26 19:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	50.0	15.1	mg/Kg			04/14/26 23:40	1

Eurofins Midland

Client Sample Results

Client: Tasman Geosciences Inc
Project/Site: 7644_J Ext.2 Line leak

Job ID: 880-70808-1
SDG: 7644

Client Sample ID: HA - 98

Lab Sample ID: 880-70808-14

Date Collected: 04/09/26 12:16

Matrix: Solid

Date Received: 04/09/26 16:54

Sample Depth: 4'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	50.0	14.5	mg/Kg		04/09/26 15:11	04/14/26 23:40	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		04/09/26 15:11	04/14/26 23:40	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		04/09/26 15:11	04/14/26 23:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	70 - 130				04/09/26 15:11	04/14/26 23:40	1
o-Terphenyl	142	S1+	70 - 130				04/09/26 15:11	04/14/26 23:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.43	J	9.92	0.392	mg/Kg			04/13/26 17:30	1

Client Sample ID: HA - 86

Lab Sample ID: 880-70808-16

Date Collected: 04/07/26 09:43

Matrix: Solid

Date Received: 04/09/26 16:54

Sample Depth: 2'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00199	0.00138	mg/Kg		04/16/26 08:14	04/16/26 19:32	1
Toluene	<0.00199	U	0.00199	0.00199	mg/Kg		04/16/26 08:14	04/16/26 19:32	1
Ethylbenzene	<0.00108	U	0.00199	0.00108	mg/Kg		04/16/26 08:14	04/16/26 19:32	1
m-Xylene & p-Xylene	<0.00227	U	0.00398	0.00227	mg/Kg		04/16/26 08:14	04/16/26 19:32	1
o-Xylene	<0.00157	U	0.00199	0.00157	mg/Kg		04/16/26 08:14	04/16/26 19:32	1
Xylenes, Total	<0.00227	U	0.00398	0.00227	mg/Kg		04/16/26 08:14	04/16/26 19:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	44	S1-	70 - 130				04/16/26 08:14	04/16/26 19:32	1
1,4-Difluorobenzene (Surr)	118		70 - 130				04/16/26 08:14	04/16/26 19:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00227	U	0.00398	0.00227	mg/Kg			04/16/26 19:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	6020		49.8	15.1	mg/Kg			04/15/26 00:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	219		49.8	14.5	mg/Kg		04/09/26 15:11	04/15/26 00:00	1
Diesel Range Organics (Over C10-C28)	5800		49.8	15.1	mg/Kg		04/09/26 15:11	04/15/26 00:00	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.8	15.1	mg/Kg		04/09/26 15:11	04/15/26 00:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	160	S1+	70 - 130				04/09/26 15:11	04/15/26 00:00	1
o-Terphenyl	123		70 - 130				04/09/26 15:11	04/15/26 00:00	1

Eurofins Midland

Client Sample Results

Client: Tasman Geosciences Inc
Project/Site: 7644_J Ext.2 Line leak

Job ID: 880-70808-1
SDG: 7644

Client Sample ID: HA - 86

Lab Sample ID: 880-70808-16

Date Collected: 04/07/26 09:43

Matrix: Solid

Date Received: 04/09/26 16:54

Sample Depth: 2'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	122		9.98	0.394	mg/Kg			04/13/26 17:35	1

Client Sample ID: HA - 85

Lab Sample ID: 880-70808-20

Date Collected: 04/09/26 10:36

Matrix: Solid

Date Received: 04/09/26 16:54

Sample Depth: 4'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		04/16/26 08:14	04/16/26 19:53	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		04/16/26 08:14	04/16/26 19:53	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		04/16/26 08:14	04/16/26 19:53	1
m-Xylene & p-Xylene	<0.00228	U	0.00399	0.00228	mg/Kg		04/16/26 08:14	04/16/26 19:53	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		04/16/26 08:14	04/16/26 19:53	1
Xylenes, Total	<0.00228	U	0.00399	0.00228	mg/Kg		04/16/26 08:14	04/16/26 19:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130				04/16/26 08:14	04/16/26 19:53	1
1,4-Difluorobenzene (Surr)	94		70 - 130				04/16/26 08:14	04/16/26 19:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00228	U	0.00399	0.00228	mg/Kg			04/16/26 19:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	117		49.9	15.1	mg/Kg			04/15/26 00:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	49.9	14.5	mg/Kg		04/09/26 15:11	04/15/26 00:21	1
Diesel Range Organics (Over C10-C28)	117		49.9	15.1	mg/Kg		04/09/26 15:11	04/15/26 00:21	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.9	15.1	mg/Kg		04/09/26 15:11	04/15/26 00:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130				04/09/26 15:11	04/15/26 00:21	1
o-Terphenyl	119		70 - 130				04/09/26 15:11	04/15/26 00:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.41	J	10.0	0.395	mg/Kg			04/13/26 17:40	1

Eurofins Midland

Client Sample Results

Client: Tasman Geosciences Inc
Project/Site: 7644_J Ext.2 Line leak

Job ID: 880-70808-1
SDG: 7644

Client Sample ID: HA - 82

Lab Sample ID: 880-70808-25

Date Collected: 04/07/26 09:56

Matrix: Solid

Date Received: 04/09/26 16:54

Sample Depth: 2'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg	-	04/16/26 08:13	04/16/26 18:20	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg	-	04/16/26 08:13	04/16/26 18:20	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg	-	04/16/26 08:13	04/16/26 18:20	1
m-Xylene & p-Xylene	0.00406		0.00399	0.00228	mg/Kg	-	04/16/26 08:13	04/16/26 18:20	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg	-	04/16/26 08:13	04/16/26 18:20	1
Xylenes, Total	0.00406		0.00399	0.00228	mg/Kg	-	04/16/26 08:13	04/16/26 18:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	343	S1+	70 - 130	04/16/26 08:13	04/16/26 18:20	1
1,4-Difluorobenzene (Surr)	88		70 - 130	04/16/26 08:13	04/16/26 18:20	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00406		0.00399	0.00228	mg/Kg	-		04/16/26 18:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	50.0	15.1	mg/Kg	-		04/15/26 00:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	50.0	14.5	mg/Kg	-	04/09/26 15:11	04/15/26 00:42	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg	-	04/09/26 15:11	04/15/26 00:42	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg	-	04/09/26 15:11	04/15/26 00:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	04/09/26 15:11	04/15/26 00:42	1
o-Terphenyl	112		70 - 130	04/09/26 15:11	04/15/26 00:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.16	J	10.0	0.397	mg/Kg	-		04/13/26 17:45	1

Client Sample ID: HA - 82

Lab Sample ID: 880-70808-26

Date Collected: 04/07/26 09:57

Matrix: Solid

Date Received: 04/09/26 16:54

Sample Depth: 4'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00140	U	0.00201	0.00140	mg/Kg	-	04/16/26 08:13	04/16/26 18:41	1
Toluene	<0.00201	U	0.00201	0.00201	mg/Kg	-	04/16/26 08:13	04/16/26 18:41	1
Ethylbenzene	0.00154	J	0.00201	0.00109	mg/Kg	-	04/16/26 08:13	04/16/26 18:41	1
m-Xylene & p-Xylene	0.00716		0.00402	0.00229	mg/Kg	-	04/16/26 08:13	04/16/26 18:41	1
o-Xylene	0.00289		0.00201	0.00159	mg/Kg	-	04/16/26 08:13	04/16/26 18:41	1
Xylenes, Total	0.0101		0.00402	0.00229	mg/Kg	-	04/16/26 08:13	04/16/26 18:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	04/16/26 08:13	04/16/26 18:41	1

Eurofins Midland

Client Sample Results

Client: Tasman Geosciences Inc
Project/Site: 7644_J Ext.2 Line leak

Job ID: 880-70808-1
SDG: 7644

Client Sample ID: HA - 82

Lab Sample ID: 880-70808-26

Date Collected: 04/07/26 09:57

Matrix: Solid

Date Received: 04/09/26 16:54

Sample Depth: 4'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	57	S1-	70 - 130	04/16/26 08:13	04/16/26 18:41	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0116		0.00402	0.00229	mg/Kg			04/16/26 18:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	49.9	15.1	mg/Kg			04/15/26 01:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	49.9	14.5	mg/Kg		04/09/26 15:11	04/15/26 01:02	1
Diesel Range Organics (Over C10-C28)	<15.1	U	49.9	15.1	mg/Kg		04/09/26 15:11	04/15/26 01:02	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.9	15.1	mg/Kg		04/09/26 15:11	04/15/26 01:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				04/09/26 15:11	04/15/26 01:02	1
o-Terphenyl	116		70 - 130				04/09/26 15:11	04/15/26 01:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.95	J	10.1	0.399	mg/Kg			04/13/26 17:50	1

Client Sample ID: HA - 86

Lab Sample ID: 880-70808-31

Date Collected: 04/07/26 13:14

Matrix: Solid

Date Received: 04/09/26 16:54

Sample Depth: 8'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00140	U	0.00201	0.00140	mg/Kg		04/16/26 08:13	04/16/26 19:01	1
Toluene	<0.00201	U	0.00201	0.00201	mg/Kg		04/16/26 08:13	04/16/26 19:01	1
Ethylbenzene	0.00138	J	0.00201	0.00109	mg/Kg		04/16/26 08:13	04/16/26 19:01	1
m-Xylene & p-Xylene	0.00480		0.00402	0.00229	mg/Kg		04/16/26 08:13	04/16/26 19:01	1
o-Xylene	0.00166	J	0.00201	0.00159	mg/Kg		04/16/26 08:13	04/16/26 19:01	1
Xylenes, Total	0.00646		0.00402	0.00229	mg/Kg		04/16/26 08:13	04/16/26 19:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	150	S1+	70 - 130	04/16/26 08:13	04/16/26 19:01	1
1,4-Difluorobenzene (Surr)	78		70 - 130	04/16/26 08:13	04/16/26 19:01	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00784		0.00402	0.00229	mg/Kg			04/16/26 19:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	404		50.0	15.1	mg/Kg			04/15/26 01:22	1

Eurofins Midland

Client Sample Results

Client: Tasman Geosciences Inc
Project/Site: 7644_J Ext.2 Line leak

Job ID: 880-70808-1
SDG: 7644

Client Sample ID: HA - 86

Lab Sample ID: 880-70808-31

Date Collected: 04/07/26 13:14

Matrix: Solid

Date Received: 04/09/26 16:54

Sample Depth: 8'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	50.0	14.5	mg/Kg		04/09/26 15:11	04/15/26 01:22	1
Diesel Range Organics (Over C10-C28)	404		50.0	15.1	mg/Kg		04/09/26 15:11	04/15/26 01:22	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		04/09/26 15:11	04/15/26 01:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				04/09/26 15:11	04/15/26 01:22	1
o-Terphenyl	122		70 - 130				04/09/26 15:11	04/15/26 01:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	218		10.0	0.396	mg/Kg			04/13/26 18:06	1

Client Sample ID: HA - 93

Lab Sample ID: 880-70808-33

Date Collected: 04/07/26 13:18

Matrix: Solid

Date Received: 04/09/26 16:54

Sample Depth: 8'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.140	U	0.201	0.140	mg/Kg		04/17/26 10:06	04/17/26 12:37	100
Toluene	4.15		0.201	0.201	mg/Kg		04/17/26 10:06	04/17/26 12:37	100
Ethylbenzene	3.10		0.201	0.109	mg/Kg		04/17/26 10:06	04/17/26 12:37	100
m-Xylene & p-Xylene	8.83		0.402	0.229	mg/Kg		04/17/26 10:06	04/17/26 12:37	100
o-Xylene	3.84		0.201	0.159	mg/Kg		04/17/26 10:06	04/17/26 12:37	100
Xylenes, Total	12.7		0.402	0.229	mg/Kg		04/17/26 10:06	04/17/26 12:37	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	145	S1+	70 - 130				04/17/26 10:06	04/17/26 12:37	100
1,4-Difluorobenzene (Surr)	98		70 - 130				04/17/26 10:06	04/17/26 12:37	100

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	19.9		0.402	0.229	mg/Kg			04/17/26 12:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3040		49.9	15.1	mg/Kg			04/14/26 18:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	318		49.9	14.5	mg/Kg		04/10/26 15:02	04/14/26 18:53	1
Diesel Range Organics (Over C10-C28)	2720	B	49.9	15.1	mg/Kg		04/10/26 15:02	04/14/26 18:53	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.9	15.1	mg/Kg		04/10/26 15:02	04/14/26 18:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				04/10/26 15:02	04/14/26 18:53	1
o-Terphenyl	107		70 - 130				04/10/26 15:02	04/14/26 18:53	1

Eurofins Midland

Client Sample Results

Client: Tasman Geosciences Inc
Project/Site: 7644_J Ext.2 Line leak

Job ID: 880-70808-1
SDG: 7644

Client Sample ID: HA - 93

Lab Sample ID: 880-70808-33

Date Collected: 04/07/26 13:18

Matrix: Solid

Date Received: 04/09/26 16:54

Sample Depth: 8'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	846		10.1	0.398	mg/Kg			04/13/26 18:11	1

Client Sample ID: HA - 79

Lab Sample ID: 880-70808-35

Date Collected: 04/07/26 13:11

Matrix: Solid

Date Received: 04/09/26 16:54

Sample Depth: 8'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00198	0.00138	mg/Kg		04/16/26 08:13	04/16/26 19:22	1
Toluene	0.00407		0.00198	0.00198	mg/Kg		04/16/26 08:13	04/16/26 19:22	1
Ethylbenzene	0.00208		0.00198	0.00108	mg/Kg		04/16/26 08:13	04/16/26 19:22	1
m-Xylene & p-Xylene	0.00356	J	0.00396	0.00226	mg/Kg		04/16/26 08:13	04/16/26 19:22	1
o-Xylene	0.00237		0.00198	0.00157	mg/Kg		04/16/26 08:13	04/16/26 19:22	1
Xylenes, Total	0.00593		0.00396	0.00226	mg/Kg		04/16/26 08:13	04/16/26 19:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	72		70 - 130				04/16/26 08:13	04/16/26 19:22	1
1,4-Difluorobenzene (Surr)	72		70 - 130				04/16/26 08:13	04/16/26 19:22	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0121		0.00396	0.00226	mg/Kg			04/16/26 19:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	113		50.0	15.1	mg/Kg			04/14/26 17:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U F1	50.0	14.5	mg/Kg		04/10/26 15:02	04/14/26 17:52	1
Diesel Range Organics (Over C10-C28)	113	B F1	50.0	15.1	mg/Kg		04/10/26 15:02	04/14/26 17:52	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		04/10/26 15:02	04/14/26 17:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				04/10/26 15:02	04/14/26 17:52	1
o-Terphenyl	81		70 - 130				04/10/26 15:02	04/14/26 17:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.07	J	9.92	0.392	mg/Kg			04/13/26 18:27	1

Eurofins Midland

Surrogate Summary

Client: Tasman Geosciences Inc
Project/Site: 7644_J Ext.2 Line leak

Job ID: 880-70808-1
SDG: 7644

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-70808-1	SS-11	105	106
880-70808-2	SS-39	102	103
880-70808-3	SS-56	107	102
880-70808-4	SS-73	100	100
880-70808-5	SS-29	110	103
880-70808-7	HA - 93	279 S1+	87
880-70808-11	HA - 100	109	103
880-70808-14	HA - 98	107	101
880-70808-16	HA - 86	44 S1-	118
880-70808-20	HA - 85	86	94
880-70808-25	HA - 82	343 S1+	88
880-70808-26	HA - 82	116	57 S1-
880-70808-31	HA - 86	150 S1+	78
880-70808-33	HA - 93	145 S1+	98
880-70808-35	HA - 79	72	72
LCS 880-137940/1-A	Lab Control Sample	86	105
LCS 880-137941/1-A	Lab Control Sample	100	103
LCS 880-138113/1-A	Lab Control Sample	104	101
LCSD 880-137940/2-A	Lab Control Sample Dup	90	94
LCSD 880-137941/2-A	Lab Control Sample Dup	102	103
LCSD 880-138113/2-A	Lab Control Sample Dup	107	102
MB 880-137940/5-A	Method Blank	213 S1+	123
MB 880-137941/5-A	Method Blank	97	96
MB 880-138113/5-A	Method Blank	102	99
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-70808-1	SS-11	117	127
880-70808-2	SS-39	130	143 S1+
880-70808-3	SS-56	112	114
880-70808-4	SS-73	113	119
880-70808-5	SS-29	117	115
880-70808-7	HA - 93	117	119
880-70808-11	HA - 100	122	132 S1+
880-70808-14	HA - 98	133 S1+	142 S1+
880-70808-16	HA - 86	160 S1+	123
880-70808-20	HA - 85	121	119
880-70808-25	HA - 82	101	112
880-70808-26	HA - 82	106	116
880-70808-31	HA - 86	120	122
880-70808-33	HA - 93	109	107
880-70808-35	HA - 79	73	81

Eurofins Midland

Surrogate Summary

Client: Tasman Geosciences Inc

Job ID: 880-70808-1

Project/Site: 7644_J Ext.2 Line leak

SDG: 7644

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-70808-35 MS	HA - 79	97	85
880-70808-35 MSD	HA - 79	96	94
LCS 880-137356/2-A	Lab Control Sample	14 S1-	15 S1-
LCS 880-137460/2-A	Lab Control Sample	14 S1-	13 S1-
LCSD 880-137356/3-A	Lab Control Sample Dup	16 S1-	17 S1-
LCSD 880-137460/3-A	Lab Control Sample Dup	12 S1-	12 S1-
MB 880-137356/1-A	Method Blank	107	111
MB 880-137460/1-A	Method Blank	85	90
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Tasman Geosciences Inc
Project/Site: 7644_J Ext.2 Line leak

Job ID: 880-70808-1
SDG: 7644

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-137940/5-A

Matrix: Solid

Analysis Batch: 137931

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 137940

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		04/16/26 08:13	04/16/26 12:18	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		04/16/26 08:13	04/16/26 12:18	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		04/16/26 08:13	04/16/26 12:18	1
m-Xylene & p-Xylene	<0.00229	U	0.00400	0.00229	mg/Kg		04/16/26 08:13	04/16/26 12:18	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		04/16/26 08:13	04/16/26 12:18	1
Xylenes, Total	<0.00229	U	0.00400	0.00229	mg/Kg		04/16/26 08:13	04/16/26 12:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	213	S1+	70 - 130	04/16/26 08:13	04/16/26 12:18	1
1,4-Difluorobenzene (Surr)	123		70 - 130	04/16/26 08:13	04/16/26 12:18	1

Lab Sample ID: LCS 880-137940/1-A

Matrix: Solid

Analysis Batch: 137931

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 137940

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08672		mg/Kg		87	70 - 130
Toluene	0.100	0.08279		mg/Kg		83	70 - 130
Ethylbenzene	0.100	0.07220		mg/Kg		72	70 - 130
m-Xylene & p-Xylene	0.200	0.1650		mg/Kg		83	70 - 130
o-Xylene	0.100	0.07376		mg/Kg		74	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	86		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: LCSD 880-137940/2-A

Matrix: Solid

Analysis Batch: 137931

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 137940

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09226		mg/Kg		92	70 - 130	6	35
Toluene	0.100	0.08540		mg/Kg		85	70 - 130	3	35
Ethylbenzene	0.100	0.08586		mg/Kg		86	70 - 130	17	35
m-Xylene & p-Xylene	0.200	0.1522		mg/Kg		76	70 - 130	8	35
o-Xylene	0.100	0.08464		mg/Kg		85	70 - 130	14	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	90		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: MB 880-137941/5-A

Matrix: Solid

Analysis Batch: 137932

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 137941

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		04/16/26 08:14	04/16/26 10:34	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		04/16/26 08:14	04/16/26 10:34	1

Eurofins Midland

QC Sample Results

Client: Tasman Geosciences Inc
Project/Site: 7644_J Ext.2 Line leak

Job ID: 880-70808-1
SDG: 7644

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

Lab Sample ID: MB 880-137941/5-A

Matrix: Solid

Analysis Batch: 137932

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 137941

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		04/16/26 08:14	04/16/26 10:34	1
m-Xylene & p-Xylene	<0.00229	U	0.00400	0.00229	mg/Kg		04/16/26 08:14	04/16/26 10:34	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		04/16/26 08:14	04/16/26 10:34	1
Xylenes, Total	<0.00229	U	0.00400	0.00229	mg/Kg		04/16/26 08:14	04/16/26 10:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	04/16/26 08:14	04/16/26 10:34	1
1,4-Difluorobenzene (Surr)	96		70 - 130	04/16/26 08:14	04/16/26 10:34	1

Lab Sample ID: LCS 880-137941/1-A

Matrix: Solid

Analysis Batch: 137932

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 137941

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08837		mg/Kg		88	70 - 130
Toluene	0.100	0.08506		mg/Kg		85	70 - 130
Ethylbenzene	0.100	0.09007		mg/Kg		90	70 - 130
m-Xylene & p-Xylene	0.200	0.1762		mg/Kg		88	70 - 130
o-Xylene	0.100	0.09069		mg/Kg		91	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-137941/2-A

Matrix: Solid

Analysis Batch: 137932

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 137941

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09533		mg/Kg		95	70 - 130	8	35
Toluene	0.100	0.08906		mg/Kg		89	70 - 130	5	35
Ethylbenzene	0.100	0.09263		mg/Kg		93	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.1785		mg/Kg		89	70 - 130	1	35
o-Xylene	0.100	0.09235		mg/Kg		92	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-138113/5-A

Matrix: Solid

Analysis Batch: 138090

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 138113

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		04/17/26 08:00	04/17/26 10:04	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		04/17/26 08:00	04/17/26 10:04	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		04/17/26 08:00	04/17/26 10:04	1
m-Xylene & p-Xylene	<0.00229	U	0.00400	0.00229	mg/Kg		04/17/26 08:00	04/17/26 10:04	1

Eurofins Midland

QC Sample Results

Client: Tasman Geosciences Inc
Project/Site: 7644_J Ext.2 Line leak

Job ID: 880-70808-1
SDG: 7644

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

Lab Sample ID: MB 880-138113/5-A

Matrix: Solid

Analysis Batch: 138090

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 138113

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		04/17/26 08:00	04/17/26 10:04	1
Xylenes, Total	<0.00229	U	0.00400	0.00229	mg/Kg		04/17/26 08:00	04/17/26 10:04	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	04/17/26 08:00	04/17/26 10:04	1
1,4-Difluorobenzene (Surr)	99		70 - 130	04/17/26 08:00	04/17/26 10:04	1

Lab Sample ID: LCS 880-138113/1-A

Matrix: Solid

Analysis Batch: 138090

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 138113

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1076		mg/Kg		108	70 - 130
Toluene	0.100	0.1020		mg/Kg		102	70 - 130
Ethylbenzene	0.100	0.1038		mg/Kg		104	70 - 130
m-Xylene & p-Xylene	0.200	0.2021		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1024		mg/Kg		102	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-138113/2-A

Matrix: Solid

Analysis Batch: 138090

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 138113

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1077		mg/Kg		108	70 - 130	0	35
Toluene	0.100	0.1032		mg/Kg		103	70 - 130	1	35
Ethylbenzene	0.100	0.1057		mg/Kg		106	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2079		mg/Kg		104	70 - 130	3	35
o-Xylene	0.100	0.1052		mg/Kg		105	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-137356/1-A

Matrix: Solid

Analysis Batch: 137764

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 137356

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	50.0	14.5	mg/Kg		04/09/26 15:11	04/14/26 15:30	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		04/09/26 15:11	04/14/26 15:30	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		04/09/26 15:11	04/14/26 15:30	1

Eurofins Midland

QC Sample Results

Client: Tasman Geosciences Inc
Project/Site: 7644_J Ext.2 Line leak

Job ID: 880-70808-1
SDG: 7644

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	04/09/26 15:11	04/14/26 15:30	1
o-Terphenyl	111		70 - 130	04/09/26 15:11	04/14/26 15:30	1

Lab Sample ID: LCS 880-137356/2-A

Matrix: Solid

Analysis Batch: 137764

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 137356

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	837.1		mg/Kg		84	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1005		mg/Kg		100	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	14	S1-	70 - 130
o-Terphenyl	15	S1-	70 - 130

Lab Sample ID: LCSD 880-137356/3-A

Matrix: Solid

Analysis Batch: 137764

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 137356

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	833.7		mg/Kg		83	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	1103		mg/Kg		110	70 - 130	9	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	16	S1-	70 - 130
o-Terphenyl	17	S1-	70 - 130

Lab Sample ID: MB 880-137460/1-A

Matrix: Solid

Analysis Batch: 137766

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 137460

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	50.0	14.5	mg/Kg		04/10/26 15:02	04/14/26 15:30	1
Diesel Range Organics (Over C10-C28)	17.88	J	50.0	15.1	mg/Kg		04/10/26 15:02	04/14/26 15:30	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		04/10/26 15:02	04/14/26 15:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	04/10/26 15:02	04/14/26 15:30	1
o-Terphenyl	90		70 - 130	04/10/26 15:02	04/14/26 15:30	1

Eurofins Midland

QC Sample Results

Client: Tasman Geosciences Inc
Project/Site: 7644_J Ext.2 Line leak

Job ID: 880-70808-1
SDG: 7644

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-137460/2-A

Matrix: Solid

Analysis Batch: 137766

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 137460

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec		
			Added	Result	Qualifier			Limits			
Gasoline Range Organics (GRO)-C6-C10			1000	917.3		mg/Kg		92	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	883.0		mg/Kg		88	70 - 130		
				</							

Lab Sample ID: LCSD 880-137460/3-A

Matrix: Solid

Analysis Batch: 137766

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 137460

Analyte			Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD
			Added	Result	Qualifier				Limits		Limit
Gasoline Range Organics (GRO)-C6-C10			1000	762.7		mg/Kg		76	70 - 130	18	20
Diesel Range Organics (Over C10-C28)			1000	793.9		mg/Kg		79	70 - 130	11	20
				LCSD	LCSD						
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	12	S1-	70 - 130								
o-Terphenyl	12	S1-	70 - 130								

Lab Sample ID: 880-70808-35 MS

Matrix: Solid

Analysis Batch: 137766

Client Sample ID: HA - 79

Prep Type: Total/NA

Prep Batch: 137460

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec		
	Result	Qualifier	Added	Result	Qualifier				Limits		
Gasoline Range Organics (GRO)-C6-C10	<14.5	U F1	998	563.0	F1	mg/Kg		56	70 - 130		
Diesel Range Organics (Over C10-C28)	113	B F1	998	675.3	F1	mg/Kg		56	70 - 130		
Surrogate	MS	MS									
	%Recovery	Qualifier	Limits								
1-Chlorooctane	97		70 - 130								
o-Terphenyl	85		70 - 130								

Lab Sample ID: 880-70808-35 MSD

Matrix: Solid

Analysis Batch: 137766

Client Sample ID: HA - 79

Prep Type: Total/NA

Prep Batch: 137460

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<14.5	U F1	998	659.8	F1	mg/Kg		66	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	113	B F1	998	705.0	F1	mg/Kg		59	70 - 130	4	20

Eurofins Midland

QC Sample Results

Client: Tasman Geosciences Inc
Project/Site: 7644_J Ext.2 Line leak

Job ID: 880-70808-1
SDG: 7644

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-70808-35 MSD

Matrix: Solid

Analysis Batch: 137766

Client Sample ID: HA - 79

Prep Type: Total/NA

Prep Batch: 137460

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	94		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-137453/1-A

Matrix: Solid

Analysis Batch: 137505

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB	MB								
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Chloride	<0.395	U	10.0	0.395	mg/Kg			04/13/26 11:30		1

Lab Sample ID: LCS 880-137453/2-A

Matrix: Solid

Analysis Batch: 137505

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte		Spike	LCS	LCS				%Rec		
		Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride		250	250.4		mg/Kg		100	90 - 110		

Lab Sample ID: LCSD 880-137453/3-A

Matrix: Solid

Analysis Batch: 137505

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte		Spike	LCSD	LCSD				%Rec		RPD
		Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride		250	241.2		mg/Kg		96	90 - 110	4	20

Lab Sample ID: MB 880-137454/1-A

Matrix: Solid

Analysis Batch: 137531

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB	MB								
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Chloride	<0.395	U	10.0	0.395	mg/Kg			04/13/26 16:22		1

Lab Sample ID: LCS 880-137454/2-A

Matrix: Solid

Analysis Batch: 137531

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte		Spike	LCS	LCS				%Rec		
		Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride		250	240.3		mg/Kg		96	90 - 110		

Lab Sample ID: LCSD 880-137454/3-A

Matrix: Solid

Analysis Batch: 137531

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte		Spike	LCSD	LCSD				%Rec		RPD
		Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride		250	241.4		mg/Kg		97	90 - 110	0	20

Eurofins Midland

QC Sample Results

Client: Tasman Geosciences Inc
Project/Site: 7644_J Ext.2 Line leak

Job ID: 880-70808-1
SDG: 7644

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-70808-2 MS

Matrix: Solid

Analysis Batch: 137531

Client Sample ID: SS-39

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	25.1		249	260.0		mg/Kg		94	90 - 110		

Lab Sample ID: 880-70808-2 MSD

Matrix: Solid

Analysis Batch: 137531

Client Sample ID: SS-39

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	25.1		249	260.6		mg/Kg		95	90 - 110	0	20

Lab Sample ID: 880-70808-26 MS

Matrix: Solid

Analysis Batch: 137531

Client Sample ID: HA - 82

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	5.95	J	253	254.5		mg/Kg		98	90 - 110		

Lab Sample ID: 880-70808-26 MSD

Matrix: Solid

Analysis Batch: 137531

Client Sample ID: HA - 82

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	5.95	J	253	256.0		mg/Kg		99	90 - 110	1	20

QC Association Summary

Client: Tasman Geosciences Inc
Project/Site: 7644_J Ext.2 Line leak

Job ID: 880-70808-1
SDG: 7644

GC VOA

Analysis Batch: 137931

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70808-25	HA - 82	Total/NA	Solid	8021B	137940
880-70808-26	HA - 82	Total/NA	Solid	8021B	137940
880-70808-31	HA - 86	Total/NA	Solid	8021B	137940
880-70808-35	HA - 79	Total/NA	Solid	8021B	137940
MB 880-137940/5-A	Method Blank	Total/NA	Solid	8021B	137940
LCS 880-137940/1-A	Lab Control Sample	Total/NA	Solid	8021B	137940
LCSD 880-137940/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	137940

Analysis Batch: 137932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70808-1	SS-11	Total/NA	Solid	8021B	137941
880-70808-2	SS-39	Total/NA	Solid	8021B	137941
880-70808-3	SS-56	Total/NA	Solid	8021B	137941
880-70808-4	SS-73	Total/NA	Solid	8021B	137941
880-70808-5	SS-29	Total/NA	Solid	8021B	137941
880-70808-7	HA - 93	Total/NA	Solid	8021B	137941
880-70808-11	HA - 100	Total/NA	Solid	8021B	137941
880-70808-14	HA - 98	Total/NA	Solid	8021B	137941
880-70808-16	HA - 86	Total/NA	Solid	8021B	137941
880-70808-20	HA - 85	Total/NA	Solid	8021B	137941
MB 880-137941/5-A	Method Blank	Total/NA	Solid	8021B	137941
LCS 880-137941/1-A	Lab Control Sample	Total/NA	Solid	8021B	137941
LCSD 880-137941/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	137941

Prep Batch: 137940

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70808-25	HA - 82	Total/NA	Solid	5035	
880-70808-26	HA - 82	Total/NA	Solid	5035	
880-70808-31	HA - 86	Total/NA	Solid	5035	
880-70808-35	HA - 79	Total/NA	Solid	5035	
MB 880-137940/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-137940/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-137940/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 137941

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70808-1	SS-11	Total/NA	Solid	5035	
880-70808-2	SS-39	Total/NA	Solid	5035	
880-70808-3	SS-56	Total/NA	Solid	5035	
880-70808-4	SS-73	Total/NA	Solid	5035	
880-70808-5	SS-29	Total/NA	Solid	5035	
880-70808-7	HA - 93	Total/NA	Solid	5035	
880-70808-11	HA - 100	Total/NA	Solid	5035	
880-70808-14	HA - 98	Total/NA	Solid	5035	
880-70808-16	HA - 86	Total/NA	Solid	5035	
880-70808-20	HA - 85	Total/NA	Solid	5035	
MB 880-137941/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-137941/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-137941/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Tasman Geosciences Inc
Project/Site: 7644_J Ext.2 Line leak

Job ID: 880-70808-1
SDG: 7644

GC VOA

Analysis Batch: 138090

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70808-33	HA - 93	Total/NA	Solid	8021B	138113
MB 880-138113/5-A	Method Blank	Total/NA	Solid	8021B	138113
LCS 880-138113/1-A	Lab Control Sample	Total/NA	Solid	8021B	138113
LCSD 880-138113/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	138113

Prep Batch: 138113

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70808-33	HA - 93	Total/NA	Solid	5035	
MB 880-138113/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-138113/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-138113/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 138164

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70808-1	SS-11	Total/NA	Solid	Total BTEX	
880-70808-2	SS-39	Total/NA	Solid	Total BTEX	
880-70808-3	SS-56	Total/NA	Solid	Total BTEX	
880-70808-4	SS-73	Total/NA	Solid	Total BTEX	
880-70808-5	SS-29	Total/NA	Solid	Total BTEX	
880-70808-7	HA - 93	Total/NA	Solid	Total BTEX	
880-70808-11	HA - 100	Total/NA	Solid	Total BTEX	
880-70808-14	HA - 98	Total/NA	Solid	Total BTEX	
880-70808-16	HA - 86	Total/NA	Solid	Total BTEX	
880-70808-20	HA - 85	Total/NA	Solid	Total BTEX	
880-70808-25	HA - 82	Total/NA	Solid	Total BTEX	
880-70808-26	HA - 82	Total/NA	Solid	Total BTEX	
880-70808-31	HA - 86	Total/NA	Solid	Total BTEX	
880-70808-33	HA - 93	Total/NA	Solid	Total BTEX	
880-70808-35	HA - 79	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 137356

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70808-1	SS-11	Total/NA	Solid	8015NM Prep	
880-70808-2	SS-39	Total/NA	Solid	8015NM Prep	
880-70808-3	SS-56	Total/NA	Solid	8015NM Prep	
880-70808-4	SS-73	Total/NA	Solid	8015NM Prep	
880-70808-5	SS-29	Total/NA	Solid	8015NM Prep	
880-70808-7	HA - 93	Total/NA	Solid	8015NM Prep	
880-70808-11	HA - 100	Total/NA	Solid	8015NM Prep	
880-70808-14	HA - 98	Total/NA	Solid	8015NM Prep	
880-70808-16	HA - 86	Total/NA	Solid	8015NM Prep	
880-70808-20	HA - 85	Total/NA	Solid	8015NM Prep	
880-70808-25	HA - 82	Total/NA	Solid	8015NM Prep	
880-70808-26	HA - 82	Total/NA	Solid	8015NM Prep	
880-70808-31	HA - 86	Total/NA	Solid	8015NM Prep	
MB 880-137356/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-137356/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-137356/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Tasman Geosciences Inc
Project/Site: 7644_J Ext.2 Line leak

Job ID: 880-70808-1
SDG: 7644

GC Semi VOA

Prep Batch: 137460

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70808-33	HA - 93	Total/NA	Solid	8015NM Prep	
880-70808-35	HA - 79	Total/NA	Solid	8015NM Prep	
MB 880-137460/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-137460/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-137460/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-70808-35 MS	HA - 79	Total/NA	Solid	8015NM Prep	
880-70808-35 MSD	HA - 79	Total/NA	Solid	8015NM Prep	

Analysis Batch: 137764

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70808-1	SS-11	Total/NA	Solid	8015B NM	137356
880-70808-2	SS-39	Total/NA	Solid	8015B NM	137356
880-70808-3	SS-56	Total/NA	Solid	8015B NM	137356
880-70808-4	SS-73	Total/NA	Solid	8015B NM	137356
880-70808-5	SS-29	Total/NA	Solid	8015B NM	137356
880-70808-7	HA - 93	Total/NA	Solid	8015B NM	137356
880-70808-11	HA - 100	Total/NA	Solid	8015B NM	137356
880-70808-14	HA - 98	Total/NA	Solid	8015B NM	137356
880-70808-16	HA - 86	Total/NA	Solid	8015B NM	137356
880-70808-20	HA - 85	Total/NA	Solid	8015B NM	137356
880-70808-25	HA - 82	Total/NA	Solid	8015B NM	137356
880-70808-26	HA - 82	Total/NA	Solid	8015B NM	137356
880-70808-31	HA - 86	Total/NA	Solid	8015B NM	137356
MB 880-137356/1-A	Method Blank	Total/NA	Solid	8015B NM	137356
LCS 880-137356/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	137356
LCSD 880-137356/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	137356

Analysis Batch: 137766

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70808-33	HA - 93	Total/NA	Solid	8015B NM	137460
880-70808-35	HA - 79	Total/NA	Solid	8015B NM	137460
MB 880-137460/1-A	Method Blank	Total/NA	Solid	8015B NM	137460
LCS 880-137460/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	137460
LCSD 880-137460/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	137460
880-70808-35 MS	HA - 79	Total/NA	Solid	8015B NM	137460
880-70808-35 MSD	HA - 79	Total/NA	Solid	8015B NM	137460

Analysis Batch: 137989

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70808-1	SS-11	Total/NA	Solid	8015 NM	
880-70808-2	SS-39	Total/NA	Solid	8015 NM	
880-70808-3	SS-56	Total/NA	Solid	8015 NM	
880-70808-4	SS-73	Total/NA	Solid	8015 NM	
880-70808-5	SS-29	Total/NA	Solid	8015 NM	
880-70808-7	HA - 93	Total/NA	Solid	8015 NM	
880-70808-11	HA - 100	Total/NA	Solid	8015 NM	
880-70808-14	HA - 98	Total/NA	Solid	8015 NM	
880-70808-16	HA - 86	Total/NA	Solid	8015 NM	
880-70808-20	HA - 85	Total/NA	Solid	8015 NM	
880-70808-25	HA - 82	Total/NA	Solid	8015 NM	
880-70808-26	HA - 82	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Tasman Geosciences Inc
Project/Site: 7644_J Ext.2 Line leak

Job ID: 880-70808-1
SDG: 7644

GC Semi VOA (Continued)

Analysis Batch: 137989 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70808-31	HA - 86	Total/NA	Solid	8015 NM	
880-70808-33	HA - 93	Total/NA	Solid	8015 NM	
880-70808-35	HA - 79	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 137453

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70808-1	SS-11	Soluble	Solid	DI Leach	
MB 880-137453/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-137453/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-137453/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Leach Batch: 137454

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70808-2	SS-39	Soluble	Solid	DI Leach	
880-70808-3	SS-56	Soluble	Solid	DI Leach	
880-70808-4	SS-73	Soluble	Solid	DI Leach	
880-70808-5	SS-29	Soluble	Solid	DI Leach	
880-70808-7	HA - 93	Soluble	Solid	DI Leach	
880-70808-11	HA - 100	Soluble	Solid	DI Leach	
880-70808-14	HA - 98	Soluble	Solid	DI Leach	
880-70808-16	HA - 86	Soluble	Solid	DI Leach	
880-70808-20	HA - 85	Soluble	Solid	DI Leach	
880-70808-25	HA - 82	Soluble	Solid	DI Leach	
880-70808-26	HA - 82	Soluble	Solid	DI Leach	
880-70808-31	HA - 86	Soluble	Solid	DI Leach	
880-70808-33	HA - 93	Soluble	Solid	DI Leach	
880-70808-35	HA - 79	Soluble	Solid	DI Leach	
MB 880-137454/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-137454/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-137454/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-70808-2 MS	SS-39	Soluble	Solid	DI Leach	
880-70808-2 MSD	SS-39	Soluble	Solid	DI Leach	
880-70808-26 MS	HA - 82	Soluble	Solid	DI Leach	
880-70808-26 MSD	HA - 82	Soluble	Solid	DI Leach	

Analysis Batch: 137505

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70808-1	SS-11	Soluble	Solid	300.0	137453
MB 880-137453/1-A	Method Blank	Soluble	Solid	300.0	137453
LCS 880-137453/2-A	Lab Control Sample	Soluble	Solid	300.0	137453
LCSD 880-137453/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	137453

Analysis Batch: 137531

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70808-2	SS-39	Soluble	Solid	300.0	137454
880-70808-3	SS-56	Soluble	Solid	300.0	137454
880-70808-4	SS-73	Soluble	Solid	300.0	137454
880-70808-5	SS-29	Soluble	Solid	300.0	137454
880-70808-7	HA - 93	Soluble	Solid	300.0	137454

Eurofins Midland

QC Association Summary

Client: Tasman Geosciences Inc
Project/Site: 7644_J Ext.2 Line leak

Job ID: 880-70808-1
SDG: 7644

HPLC/IC (Continued)

Analysis Batch: 137531 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70808-11	HA - 100	Soluble	Solid	300.0	137454
880-70808-14	HA - 98	Soluble	Solid	300.0	137454
880-70808-16	HA - 86	Soluble	Solid	300.0	137454
880-70808-20	HA - 85	Soluble	Solid	300.0	137454
880-70808-25	HA - 82	Soluble	Solid	300.0	137454
880-70808-26	HA - 82	Soluble	Solid	300.0	137454
880-70808-31	HA - 86	Soluble	Solid	300.0	137454
880-70808-33	HA - 93	Soluble	Solid	300.0	137454
880-70808-35	HA - 79	Soluble	Solid	300.0	137454
MB 880-137454/1-A	Method Blank	Soluble	Solid	300.0	137454
LCS 880-137454/2-A	Lab Control Sample	Soluble	Solid	300.0	137454
LCSD 880-137454/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	137454
880-70808-2 MS	SS-39	Soluble	Solid	300.0	137454
880-70808-2 MSD	SS-39	Soluble	Solid	300.0	137454
880-70808-26 MS	HA - 82	Soluble	Solid	300.0	137454
880-70808-26 MSD	HA - 82	Soluble	Solid	300.0	137454

Lab Chronicle

Client: Tasman Geosciences Inc
Project/Site: 7644_J Ext.2 Line leak

Job ID: 880-70808-1
SDG: 7644

Client Sample ID: SS-11
Date Collected: 04/07/26 09:16
Date Received: 04/09/26 16:54

Lab Sample ID: 880-70808-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	137941	04/16/26 08:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137932	04/16/26 16:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138164	04/16/26 16:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			137989	04/14/26 20:56	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	137356	04/09/26 15:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137764	04/14/26 20:56	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	137453	04/10/26 14:41	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137505	04/13/26 14:07	CS	EET MID

Client Sample ID: SS-39
Date Collected: 04/08/26 10:06
Date Received: 04/09/26 16:54

Lab Sample ID: 880-70808-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	137941	04/16/26 08:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137932	04/16/26 17:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138164	04/16/26 17:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			137989	04/14/26 21:17	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	137356	04/09/26 15:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137764	04/14/26 21:17	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	137454	04/10/26 14:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137531	04/13/26 16:37	CS	EET MID

Client Sample ID: SS-56
Date Collected: 04/08/26 09:46
Date Received: 04/09/26 16:54

Lab Sample ID: 880-70808-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	137941	04/16/26 08:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137932	04/16/26 17:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138164	04/16/26 17:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			137989	04/14/26 21:38	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	137356	04/09/26 15:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137764	04/14/26 21:38	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	137454	04/10/26 14:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137531	04/13/26 16:53	CS	EET MID

Client Sample ID: SS-73
Date Collected: 04/08/26 09:54
Date Received: 04/09/26 16:54

Lab Sample ID: 880-70808-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	137941	04/16/26 08:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137932	04/16/26 17:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138164	04/16/26 17:50	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Tasman Geosciences Inc
Project/Site: 7644_J Ext.2 Line leak

Job ID: 880-70808-1
SDG: 7644

Client Sample ID: SS-73**Lab Sample ID: 880-70808-4****Date Collected: 04/08/26 09:54****Matrix: Solid****Date Received: 04/09/26 16:54**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			137989	04/14/26 22:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	137356	04/09/26 15:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137764	04/14/26 22:18	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	137454	04/10/26 14:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137531	04/13/26 16:58	CS	EET MID

Client Sample ID: SS-29**Lab Sample ID: 880-70808-5****Date Collected: 04/07/26 10:53****Matrix: Solid****Date Received: 04/09/26 16:54**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	137941	04/16/26 08:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137932	04/16/26 18:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138164	04/16/26 18:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			137989	04/14/26 22:39	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	137356	04/09/26 15:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137764	04/14/26 22:39	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	137454	04/10/26 14:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137531	04/13/26 17:03	CS	EET MID

Client Sample ID: HA - 93**Lab Sample ID: 880-70808-7****Date Collected: 04/07/26 08:41****Matrix: Solid****Date Received: 04/09/26 16:54**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	137941	04/16/26 08:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137932	04/16/26 18:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138164	04/16/26 18:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			137989	04/14/26 22:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	137356	04/09/26 15:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137764	04/14/26 22:59	SA	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	137454	04/10/26 14:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137531	04/13/26 17:09	CS	EET MID

Client Sample ID: HA - 100**Lab Sample ID: 880-70808-11****Date Collected: 04/09/26 12:29****Matrix: Solid****Date Received: 04/09/26 16:54**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	137941	04/16/26 08:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137932	04/16/26 18:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138164	04/16/26 18:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			137989	04/14/26 23:19	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	137356	04/09/26 15:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137764	04/14/26 23:19	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Tasman Geosciences Inc
Project/Site: 7644_J Ext.2 Line leak

Job ID: 880-70808-1
SDG: 7644

Client Sample ID: HA - 100**Lab Sample ID: 880-70808-11****Date Collected: 04/09/26 12:29****Matrix: Solid****Date Received: 04/09/26 16:54**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	137454	04/10/26 14:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137531	04/13/26 17:24	CS	EET MID

Client Sample ID: HA - 98**Lab Sample ID: 880-70808-14****Date Collected: 04/09/26 12:16****Matrix: Solid****Date Received: 04/09/26 16:54**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	137941	04/16/26 08:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137932	04/16/26 19:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138164	04/16/26 19:12	SA	EET MID
Total/NA	Analysis	8015 NM		1			137989	04/14/26 23:40	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	137356	04/09/26 15:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137764	04/14/26 23:40	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	137454	04/10/26 14:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137531	04/13/26 17:30	CS	EET MID

Client Sample ID: HA - 86**Lab Sample ID: 880-70808-16****Date Collected: 04/07/26 09:43****Matrix: Solid****Date Received: 04/09/26 16:54**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	137941	04/16/26 08:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137932	04/16/26 19:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138164	04/16/26 19:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			137989	04/15/26 00:00	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	137356	04/09/26 15:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137764	04/15/26 00:00	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	137454	04/10/26 14:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137531	04/13/26 17:35	CS	EET MID

Client Sample ID: HA - 85**Lab Sample ID: 880-70808-20****Date Collected: 04/09/26 10:36****Matrix: Solid****Date Received: 04/09/26 16:54**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	137941	04/16/26 08:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137932	04/16/26 19:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138164	04/16/26 19:53	SA	EET MID
Total/NA	Analysis	8015 NM		1			137989	04/15/26 00:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	137356	04/09/26 15:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137764	04/15/26 00:21	SA	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	137454	04/10/26 14:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137531	04/13/26 17:40	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Tasman Geosciences Inc
Project/Site: 7644_J Ext.2 Line leak

Job ID: 880-70808-1
SDG: 7644

Client Sample ID: HA - 82

Lab Sample ID: 880-70808-25

Date Collected: 04/07/26 09:56

Matrix: Solid

Date Received: 04/09/26 16:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	137940	04/16/26 08:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137931	04/16/26 18:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138164	04/16/26 18:20	SA	EET MID
Total/NA	Analysis	8015 NM		1			137989	04/15/26 00:42	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	137356	04/09/26 15:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137764	04/15/26 00:42	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	137454	04/10/26 14:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137531	04/13/26 17:45	CS	EET MID

Client Sample ID: HA - 82

Lab Sample ID: 880-70808-26

Date Collected: 04/07/26 09:57

Matrix: Solid

Date Received: 04/09/26 16:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	137940	04/16/26 08:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137931	04/16/26 18:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138164	04/16/26 18:41	SA	EET MID
Total/NA	Analysis	8015 NM		1			137989	04/15/26 01:02	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	137356	04/09/26 15:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137764	04/15/26 01:02	SA	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	137454	04/10/26 14:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137531	04/13/26 17:50	CS	EET MID

Client Sample ID: HA - 86

Lab Sample ID: 880-70808-31

Date Collected: 04/07/26 13:14

Matrix: Solid

Date Received: 04/09/26 16:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	137940	04/16/26 08:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137931	04/16/26 19:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138164	04/16/26 19:01	SA	EET MID
Total/NA	Analysis	8015 NM		1			137989	04/15/26 01:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	137356	04/09/26 15:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137764	04/15/26 01:22	SA	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	137454	04/10/26 14:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137531	04/13/26 18:06	CS	EET MID

Client Sample ID: HA - 93

Lab Sample ID: 880-70808-33

Date Collected: 04/07/26 13:18

Matrix: Solid

Date Received: 04/09/26 16:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	138113	04/17/26 10:06	MNR	EET MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	138090	04/17/26 12:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138164	04/17/26 12:37	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Tasman Geosciences Inc
Project/Site: 7644_J Ext.2 Line leak

Job ID: 880-70808-1
SDG: 7644

Client Sample ID: HA - 93
Date Collected: 04/07/26 13:18
Date Received: 04/09/26 16:54

Lab Sample ID: 880-70808-33
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			137989	04/14/26 18:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	137460	04/10/26 15:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137766	04/14/26 18:53	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	137454	04/10/26 14:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137531	04/13/26 18:11	CS	EET MID

Client Sample ID: HA - 79
Date Collected: 04/07/26 13:11
Date Received: 04/09/26 16:54

Lab Sample ID: 880-70808-35
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	137940	04/16/26 08:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137931	04/16/26 19:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138164	04/16/26 19:22	SA	EET MID
Total/NA	Analysis	8015 NM		1			137989	04/14/26 17:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	137460	04/10/26 15:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137766	04/14/26 17:52	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	137454	04/10/26 14:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137531	04/13/26 18:27	CS	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Tasman Geosciences Inc
Project/Site: 7644_J Ext.2 Line leak

Job ID: 880-70808-1
SDG: 7644

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Tasman Geosciences Inc
Project/Site: 7644_J Ext.2 Line leak

Job ID: 880-70808-1
SDG: 7644

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Tasman Geosciences Inc
Project/Site: 7644_J Ext.2 Line leak

Job ID: 880-70808-1
SDG: 7644

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-70808-1	SS-11	Solid	04/07/26 09:16	04/09/26 16:54	-
880-70808-2	SS-39	Solid	04/08/26 10:06	04/09/26 16:54	-
880-70808-3	SS-56	Solid	04/08/26 09:46	04/09/26 16:54	-
880-70808-4	SS-73	Solid	04/08/26 09:54	04/09/26 16:54	-
880-70808-5	SS-29	Solid	04/07/26 10:53	04/09/26 16:54	-
880-70808-7	HA - 93	Solid	04/07/26 08:41	04/09/26 16:54	2'
880-70808-11	HA - 100	Solid	04/09/26 12:29	04/09/26 16:54	4'
880-70808-14	HA - 98	Solid	04/09/26 12:16	04/09/26 16:54	4'
880-70808-16	HA - 86	Solid	04/07/26 09:43	04/09/26 16:54	2'
880-70808-20	HA - 85	Solid	04/09/26 10:36	04/09/26 16:54	4'
880-70808-25	HA - 82	Solid	04/07/26 09:56	04/09/26 16:54	2'
880-70808-26	HA - 82	Solid	04/07/26 09:57	04/09/26 16:54	4'
880-70808-31	HA - 86	Solid	04/07/26 13:14	04/09/26 16:54	8'
880-70808-33	HA - 93	Solid	04/07/26 13:18	04/09/26 16:54	8'
880-70808-35	HA - 79	Solid	04/07/26 13:11	04/09/26 16:54	8'



Environment Testing
Xenco

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199



880-70808 Chain of Custody

www.xenco.com Page 1 of 4

Project Manager:	Kyle Norman	Bill to: (if different)	
Company Name:	Tasman, Inc.	Company Name:	
Address:	2620 W. Marland Blvd	Address:	
City, State ZIP:	Hobbs, New Mexico 88240	City, State ZIP:	
Phone:	575-318-5017	Email:	NMDData@tasman-geo.com; Albert.L.Hyman@p66.com

Work Order Comments	
Program:	UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ Superfund ☐
State of Project:	
Reporting:	Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables:	EDD ☐ ADaPT ☐ Other: ☐

Project Name:	7644 - J Ext. 2 Line Leak		Turn Around		ANALYSIS REQUEST												Preservative Codes				
Project Number:	7644		☒ Routine ☐ Rush	Pres. Code													None: NO	DI Water: H ₂ O			
Project Location:			Due Date:														Cool: Cool	MeOH: Me			
Sampler's Name:	Bianca Mastrotot		TAT starts the day received by the lab, if received by 4:30pm														HCL: HC	HNO ₃ : HN			
PO #:	N/A																H ₂ SO ₄ : H ₂	NaOH: Na			
SAMPLE RECEIPT				Temp Blank:	Yes ☒ No ☐	Wet Ice:	Yes ☒ No ☐													H ₃ PO ₄ : HP	
Samples Received Intact:	Yes ☒ No ☐		Thermometer ID:	125														NaHSO ₄ : NABIS			
Cooler Custody Seals:	Yes ☐ No ☒ N/A		Correction Factor:	.1														Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Seals:	Yes ☐ No ☒ N/A		Temperature Reading:	6.6														Zn Acetate+NaOH: Zn			
Total Containers:			Corrected Temperature:	6.7														NaOH+Ascorbic Acid: SAPC			
Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	BTEX (EPA Method 8021B)	Chlorides (EPA Method 300)	TPH (EPA Method 8015M Extended)	Hold								Sample Comments			
SS-11	S	4/7/26	9:16	-	G	1	X	X	X												
SS-39	S	4/8/26	10:00	-		1	X	X	X												
SS-56	S	4/8/26	9:46	-		1	X	X	X												
SS-73	S	4/8/26	9:54	-		1	X	X	X												
SS-29	S	4/7/26	10:53	-		1	X	X	X												
HA-93	S		8:37	0.5'		1				X											
HA-93	S		8:41	2'		1	X	X	X												
HA-93	S		8:48	4'		1				X											
HA-100	S	4/9/26	12:21	0.5'		1				X											
HA-100	S	4/9/26	12:25	2'		1				X											

Total 200.7 / 6010	200.8 / 6020:	8RCRA 13PPM Texas 11	Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed		TCLP / SPLP 6010:	8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>Bianca Mastrotot</i>	<i>[Signature]</i>	4/9 16:54	2 <i>[Signature]</i>	<i>[Signature]</i>	4/9 17:00
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2



Environment Testing
Xenco

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: _____

www.xenco.com Page 2 of 4

Project Manager:	Kyle Norman	Bill to: (if different)	
Company Name:	Tasman, Inc.	Company Name:	
Address:	2620 W. Marland Blvd	Address:	
City, State ZIP:	Hobbs, New Mexico 88240	City, State ZIP:	
Phone:	575-318-5017	Email:	NMDData@tasman-geo.com; Albert.L.Hyman@p66.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		7644 Ext. 2 Line Leak		Turn Around		ANALYSIS REQUEST												Preservative Codes				
Project Number:		7644		☒ Routine ☐ Rush														None: NO DI Water: H ₂ O				
Project Location:				Due Date:														Cool: Cool MeOH: Me				
Sampler's Name:		Bianca Martinez		TAT starts the day received by the lab, if received by 4:30pm														HCL: HC HNO ₃ : HN				
PO #:		N/A																H ₂ SO ₄ : H ₂ NaOH: Na				
SAMPLE RECEIPT		Temp Blank: Yes ☒ No ☐		Wet Ice: Yes ☒ No ☐														H ₃ PO ₄ : HP				
Samples Received Intact: Yes ☒ No ☐		Thermometer ID: 125																NaHSO ₄ : NABIS				
Cooler Custody Seals: Yes ☒ No ☐ N/A ☐		Correction Factor: .1																Na ₂ S ₂ O ₃ : NaSO ₃				
Sample Custody Seals: Yes ☒ No ☐ N/A ☐		Temperature Reading: 6.6																Zn Acetate+NaOH: Zn				
Total Containers:				Corrected Temperature: 6.7														NaOH+Ascorbic Acid: SAPC				
Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	BTEX (EPA Method 8021B)	Chlorides (EPA Method 300)	TPH (EPA Method 8015M Extended)	Hold												Sample Comments
HA-100	S	4/9/26	12:29	4'	G	1	X	X	X													
HA-98	S	4/9/26	11:59	0.5'		1				X												
HA-98	S		12:06	2'		1																
HA-98	S		12:16	4'		1	X	X	X													
HA-86	S	4/7/26	9:41	0.5'		1																
HA-86	S	4/7/26	9:43	2'		1	X	X	X													
HA-86	S	4/7/26	9:45	4'		1				X												
HA-85	S	4/9/26	10:23	0.5'		1				X												
HA-85	S		10:28	2'		1				X												
HA-85	S		10:36	4'		1	X	X	X													

Total 200.7 / 6010	200.8 / 6020:	8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed		TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		4/9 16:54	2		4/9 17:06
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2



Environment Testing
Xenco

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: _____

www.xenco.com

Page 3 of 4

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Manager:	Kyle Norman	Bill to: (if different)	
Company Name:	Tasman, Inc.	Company Name:	
Address:	2620 W. Marland Blvd	Address:	
City, State ZIP:	Hobbs, New Mexico 88240	City, State ZIP:	
Phone:	575-318-5017	Email:	NMDData@tasman-geo.com; Albert.L.Hyman@p66.com

Project Name:		7644-Ext 2 Line Leak		Turn Around		ANALYSIS REQUEST										Preservative Codes							
Project Number:		7644		☒ Routine ☐ Rush												None: NO DI Water: H ₂ O							
Project Location:				Due Date:												Cool: Cool MeOH: Me							
Sampler's Name:		Bianca Martinez		TAT starts the day received by the lab, if received by 4:30pm												HCL: HC HNO ₃ : HN							
PO #:		N/A														H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank: ☒ Yes ☒ No		Wet Ice: ☒ Yes ☒ No												H ₃ PO ₄ : HP							
Samples Received Intact:		☒ Yes ☒ No		Thermometer ID:												NaHSO ₄ : NABIS							
Cooler Custody Seals:		☒ Yes ☒ No		Correction Factor:												Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		☒ Yes ☒ No		Temperature Reading:												Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:												NaOH+Ascorbic Acid: SAPC							
Sample Identification		Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	BTEX (EPA Method 8021B)	Chlorides (EPA Method 300)	TPH (EPA Method 8015M Extended)	Hold											Sample Comments	
HA-78		S	4/7/24	10:17	0.5'	G	1	X	X	X													
HA-78		S		10:18	2'		1				X												
HA-78		S		10:19	4'		1				X												
HA-82		S	4/7/24	9:54	0.5'		1				X												
HA-82		S	4/7/24	9:56	2'		1				X												
HA-82		S	4/7/24	9:57	4'		1	X	X	X													
HA-79		S		10:14	0.5'		1				X												
HA-79		S		10:15	2'		1				X												
HA-79		S		10:16	4'		1				X												
3M HA-82		S	4/12/24	10:30	6'	V	1	X	X	X	X												

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		4/9 1654	2		7/9 1700
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2



Environment Testing
Xenco

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: _____

www.xenco.com

Page 4 of 4

Project Manager:	Kyle Norman	Bill to: (if different)	
Company Name:	Tasman, Inc.	Company Name:	
Address:	2620 W. Marland Blvd	Address:	
City, State ZIP:	Hobbs, New Mexico 88240	City, State ZIP:	
Phone:	575-318-5017	Email:	NMData@tasman-geo.com; Albert.L.Hyman@p66.com

Work Order Comments	
Program: UST/PST	☐ PRP ☐ Brownfields ☐ RC ☐ Superfund ☐
State of Project:	
Reporting: Level II	☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD	☐ ADaPT ☐ Other:

Project Name:		7644-Ext. 2 Line Leak		Turn Around		ANALYSIS REQUEST										Preservative Codes					
Project Number:		7644		☒ Routine ☐ Rush												None: NO DI Water: H ₂ O					
Project Location:				Due Date:												Cool: Cool MeOH: Me					
Sampler's Name:		Bianca Martinez		TAT starts the day received by the lab, if received by 4:30pm												HCL: HC HNO ₃ : HN					
PO #:		N/A														H ₂ SO ₄ : H ₂ NaOH: Na					
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No												H ₃ PO ₄ : HP	
Samples Received Intact:		Yes No		Thermometer ID:		IR5												NaHSO ₄ : NABIS			
Cooler Custody Seals:		Yes No		N/A		Correction Factor:		1												Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:		Yes No		N/A		Temperature Reading:		6.6												Zn Acetate+NaOH: Zn	
Total Containers:				Corrected Temperature:		6.7												NaOH+Ascorbic Acid: SAPC			
Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	BTEX (EPA Method 8021B)	Chlorides (EPA Method 300)	TPH (EPA Method 8015M Extended)	Hold											Sample Comments
HA-82	S	4/7/26	10:32	8'	G	1															
HA-86	S	4/7/26	13:13	6'		1				X											
HA-86	S	4/7/26	13:14	8'		1	X	X	X												
HA-93	S		13:17	6'		1				X											
HA-93	S		13:18	8'		1	X	X	X												
HA-79	S	4/7/26	10:40	6'		1				X											
HA-79	S	4/7/26	13:11	8'		1	X	X	X												

Total 200.7 / 6010	200.8 / 6020:	8RCRA 13PPM Texas 11	Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed		TCLP / SPLP 6010:	8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>Bianca Martinez</i>	<i>[Signature]</i>	4/9 1654	2 <i>[Signature]</i>	<i>[Signature]</i>	4/9 1700
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Login Sample Receipt Checklist

Client: Tasman Geosciences Inc

Job Number: 880-70808-1

SDG Number: 7644

Login Number: 70808

List Number: 1

Creator: Neeld, Linsey

List Source: Eurofins Midland

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

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 595697

QUESTIONS

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 595697
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2416942284
Incident Name	NAPP2416942284 J EXT 2 LINE LEAK @ E-12-20S-34E
Incident Type	Natural Gas Release
Incident Status	Remediation Plan Received

Location of Release Source

Please answer all the questions in this group.

Site Name	J EXT 2 LINE LEAK
Date Release Discovered	06/14/2024
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

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

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Cause: Blow Out Pipeline (Any) Condensate Released: 55 BBL Recovered: 0 BBL Lost: 55 BBL.
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 595697

QUESTIONS (continued)

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 595697
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Becky Hesslen Title: Sr Specialist, Remediation Management Email: becky.l.hesslen@p66.com Date: 06/16/2026
--	---

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 3

Action 595697

QUESTIONS (continued)

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 595697
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
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	Greater than 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	Greater than 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 ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	4960
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	64840
GRO+DRO (EPA SW-846 Method 8015M)	59400
BTEX (EPA SW-846 Method 8021B or 8260B)	818
Benzene (EPA SW-846 Method 8021B or 8260B)	96.9
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	07/15/2026
On what date will (or did) the final sampling or liner inspection occur	07/31/2026
On what date will (or was) the remediation complete(d)	08/05/2026
What is the estimated surface area (in square feet) that will be reclaimed	4500
What is the estimated volume (in cubic yards) that will be reclaimed	850
What is the estimated surface area (in square feet) that will be remediated	4500
What is the estimated volume (in cubic yards) that will be remediated	1000
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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 595697

QUESTIONS (continued)

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 595697
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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	fEEM0112342028 LEA LAND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<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: Becky Hesslen Title: Sr Specialist, Remediation Management Email: becky.l.hesslen@p66.com Date: 06/16/2026
<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 595697

QUESTIONS (continued)

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 595697
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

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 595697

QUESTIONS (continued)

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 595697
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	{Unavailable.}

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	No

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 595697

CONDITIONS

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 595697
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
nvez	The remediation plan is approved along with the following conditions; 1. Alternative sampling frequency increase from 200 to 400 square feet per one (1) 5-point composite (5pc) for the excavation floor and sidewalls at 200 square feet per one (1) 5pc is approved. 2. Prior to backfilling the open excavation per 19.15.29.12D (2) NMAC, DCP Operating Co. (DCP) must collect a minimum of one (1) 5pcs from the media being used as backfill to verify that it meets non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. This is especially important for the material being used within the top four (4) feet from the ground surface. 3. DCP has 90-days (October 13, 2026) to submit to OCD its appropriate or final remediation closure report.	7/15/2026