

C-23 PIPELINE LEAK

Remediation Summary & Closure Report

Addendum

NMOCD Incident No. nAPP2424928034
UL "E", Sec. 13, T20S, R33E
32.576449°, -103.625189°
Lea County, New Mexico

April 24, 2025



PREPARED ON BEHALF OF

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



PREPARED BY

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



April 24, 2025

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

Attn: Mr. Stephen Weathers
Email: stephen.weathers@p66.com

Re: Remediation Summary & Closure Report Addendum
C-23 Pipeline Leak
UL "E", Section 13, Township 20 South, Range 33 East
Lea County, New Mexico
NMOCD Incident No. nAPP2424928034
Tasman Project No. 8149

Dear Mr. Weathers,

Tasman, Inc. (Tasman) is pleased to submit this Remediation Summary and Closure Addendum for the above referenced site. Tasman conducted additional soil excavation and confirmation sampling activities in accordance with the *Response to Comments and Sampling Plan*, dated February 6, 2025.

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

Sincerely,
Tasman, Inc.

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

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

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1.0 INTRODUCTION

Tasman, Inc. (Tasman) is pleased to submit this Remediation Summary and Closure Addendum for the C-23 Pipeline Leak (site) on behalf of DCP Operating Company, LP (DCP), documenting the results of field activities conducted in accordance with the *Response to Comments and Sampling Plan*, dated February 6, 2025.

1.1 Site Description

The site is located in Unit Letter “E” of Section 13, Township 20 South, Range 33 East in Eddy County, New Mexico. The release occurred from the C-23 pipeline. The release occurred on Bureau of Land Management (BLM) property. A Site Location Map is attached as Figure 1

1.2 Site Chronology

On September 3, 2024, the C-23 pipeline struck by a third party. On September 5, 2024, DCP provided notice of release and initial Form C-141 to the NMOCD portal. The release resulted in the loss of approximately 133 barrels (bbls) of natural gas condensate and 5.87 thousand cubic feet (mcf) of natural gas to the surrounding environmental media. Approximately 33 bbls of condensate were recovered, resulting in a total loss of 98 bbls. DCP personnel shut in the pipeline to isolate the release. The line was later repaired and returned to service.

From September 26 to October 22, 2024, impacted soils were excavated using heavy equipment. Final remedial excavations measured approximately 21,000 square feet (ft²) ranging from 1 to 15 feet in depth. A total of 4,740 cubic yards of excavated material was exported to Leak Land, LLC landfill in Leak County, New Mexico. Confirmation samples were collected from the remedial excavations from September 25 to October 14, 2024.

On December 4, 2024 a *Remediation Summary & Closure Report* was submitted to the NMOCD via online portal summarizing remedial activities and analytical results. The closure request was denied on December 31, 2024, due to insufficient number of confirmation samples from the remedial excavations.

On February 6, 2025, Tasman submitted a letter titled, *Response to Comments and Sampling Plan*, to the NMOCD detailing proposed actions to address sample deficiencies from the December closure request. The sampling plan was conditionally approved by the NMCOD on February 7, 2025.

A copy of NMOCD notifications are provided in Appendix A.

2.0 SITE CHARACTERISTICS

Site characteristics have been detailed in previous submittals to the NMOCD. Please see the Remediation Summary & Closure Report, dated December 4, 2024.

3.0 REMEDIATION ACTION LEVELS

NMOCD assessment and cleanup levels for hydrocarbon and produced water releases are based on depth to groundwater and proximity to sensitive receptors as established in NMAC 19.15.29. Due to insufficient depth to groundwater information within a half-mile radius of the site, Action Levels for a site with a depth to groundwater of less than 50 feet were utilized; these Action Levels are as follows:

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

TPH – total petroleum hydrocarbons

DRO – diesel range organics

BTEX – benzene, toluene, ethylbenzene, total xylenes

GRO – gasoline range organics

MRO – motor/lube oil range organics

mg/kg – milligrams per kilogram

3.1 Reclamation Levels

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

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

4.0 SOIL SAMPLING PROCEDURES

4.1 Soil Sampling Procedures for Laboratory Analysis

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

4.2 Soil Analytical Methods

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

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

5.0 SUMMARY OF REMEDIAL ACTIVITIES

5.1 Remedial Activities

From February 18 to March 25, 2024, Tasman utilized heavy equipment to excavate areas as proposed in the sampling plan approved on February 7, 2025. These areas are identified as Excavations #9 through #14. Backfill material was removed from each of these areas to the depths of the original remedial excavations described in the December 2024 report. These depths ranged from 1 ft bgs to 10 ft bgs. The extents of the prior excavations were identified using geospatial data and visual indicators of soil composition, as the backfill material, while similar, differed in color and compaction from the native soils.

On February 24, 2025 48-hour sample notifications were provided via the NMOCD online portal (Appendix A) for confirmation sampling events taking place on February 26 and 27, 2025. Samples FL-50 through FL-80 were collected from Excavation #9 at 1 ft bgs, FL-81 through FL-84 from Excavation #10 at 2.5 ft bgs, FL-115 and FL-116 from Excavation #11 at 1 ft bgs, FL-104 through FL-114 from Excavation #12 at 5 ft bgs, FL-98 through FL-103 from Excavation #13 at 10 ft bgs, and FL-86 through FL-98 from Excavation #14 at 5 ft bgs. Additionally, a hand auger was utilized to collect sample material from five separate locations along the sidewall that was present between Excavations #4 and #5. Material was collected from each handauger point at 8 ft bgs and

combined into a composite sample, identified as W-69.

Sample exceedances discussed in the next section required additional remedial excavation in excavations #9 and #10. The areas surrounding confirmation samples FL-64 and FL-71 of Excavation #9 were extended to 3 ft bgs and FL-83 of Excavation #10 was extended to 3.5 ft bgs. Base and sidewall confirmation samples were collected from each of these locations on March 17, 2025 after submission of a sampling notice, submitted on March 13, 2025.

On March 25, 2025, sidewall samples from the extended excavation surrounding confirmation sample FL-64 were further extended and additional sidewall samples were collected, along with one additional floor sample (FL-117), due to the increased surface area at the base of the extended excavation

Each confirmation soil sample was collected as a five-point composite representing approximately 200 ft² or less of excavation base or sidewall area. A photographic log is included as Appendix B.

5.2 Confirmation Data Evaluation

Detected concentrations of total TPH exceeded Action Levels in confirmation soil samples FL-64 at 1 foot bgs (180 milligrams per kilogram [mg/kg]), FL-71 at 1 foot bgs (430 mg/kg), FL-83 at 2.5 feet bgs (230 mg/kg), W-70 (200 mg/kg), and W-71 (506 mg/kg). Each of these areas were addressed by further excavation. Additional samples were collected in each of these areas (FL-64 at 3 feet bgs, FL-71 at 3 feet bgs, FL-83 at 3.5 feet bgs, W-70, and W-71).

Concentrations of chlorides exceeded Action Levels in confirmation soil sample W-71 (672 mg/kg). This area, after being addressed by further excavation, was re-sampled. The additional sample (W-71) exhibited a chloride concentration below Action Levels.

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

A summary of soil analytical results is provided as Table 1 and certified laboratory analytical reports are provided in Appendix C. The attached Figure 2 illustrates excavation extents and confirmation sample locations.

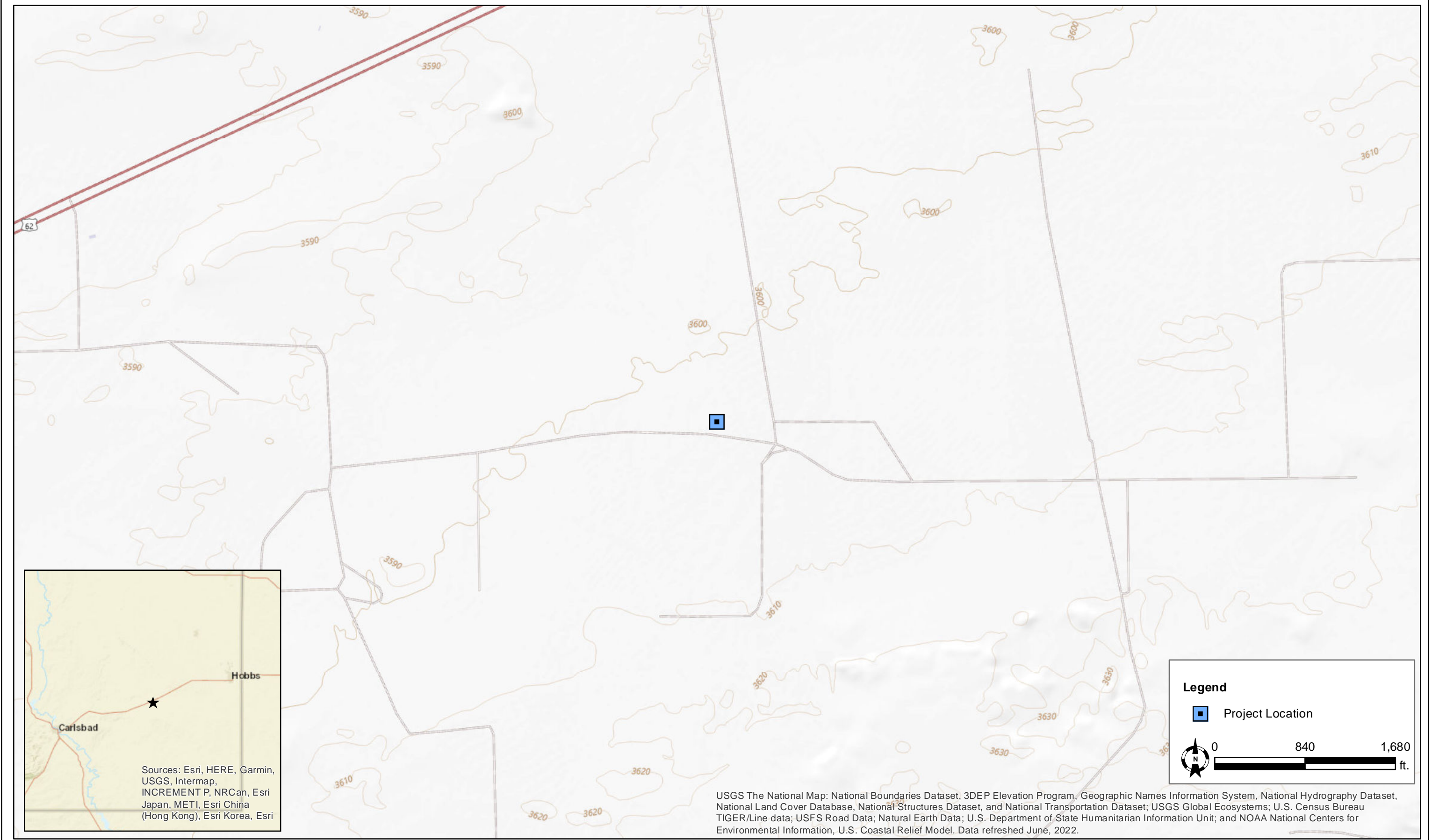
6.0 RESTORATION AND RECLAMATION

Areas affected by the release and associated remediation activities will be backfilled using the same backfill material that was removed to access the base of the original remedial excavations and contoured to the surrounding topography. A soil sample was collected from the source of the backfill material and documented in the December 2024 report. The resulting analysis did not show concentrations of TPH, BTEX, or chlorides above laboratory detection limits. Areas disturbed by additional remediation activities will be reseeded based on the same proposed methods from the December 2024 report.

7.0 SITE CLOSURE REQUEST

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

Figures



DATE:	November 2024
DESIGNED BY:	K. Stark
DRAWN BY:	K. Stark

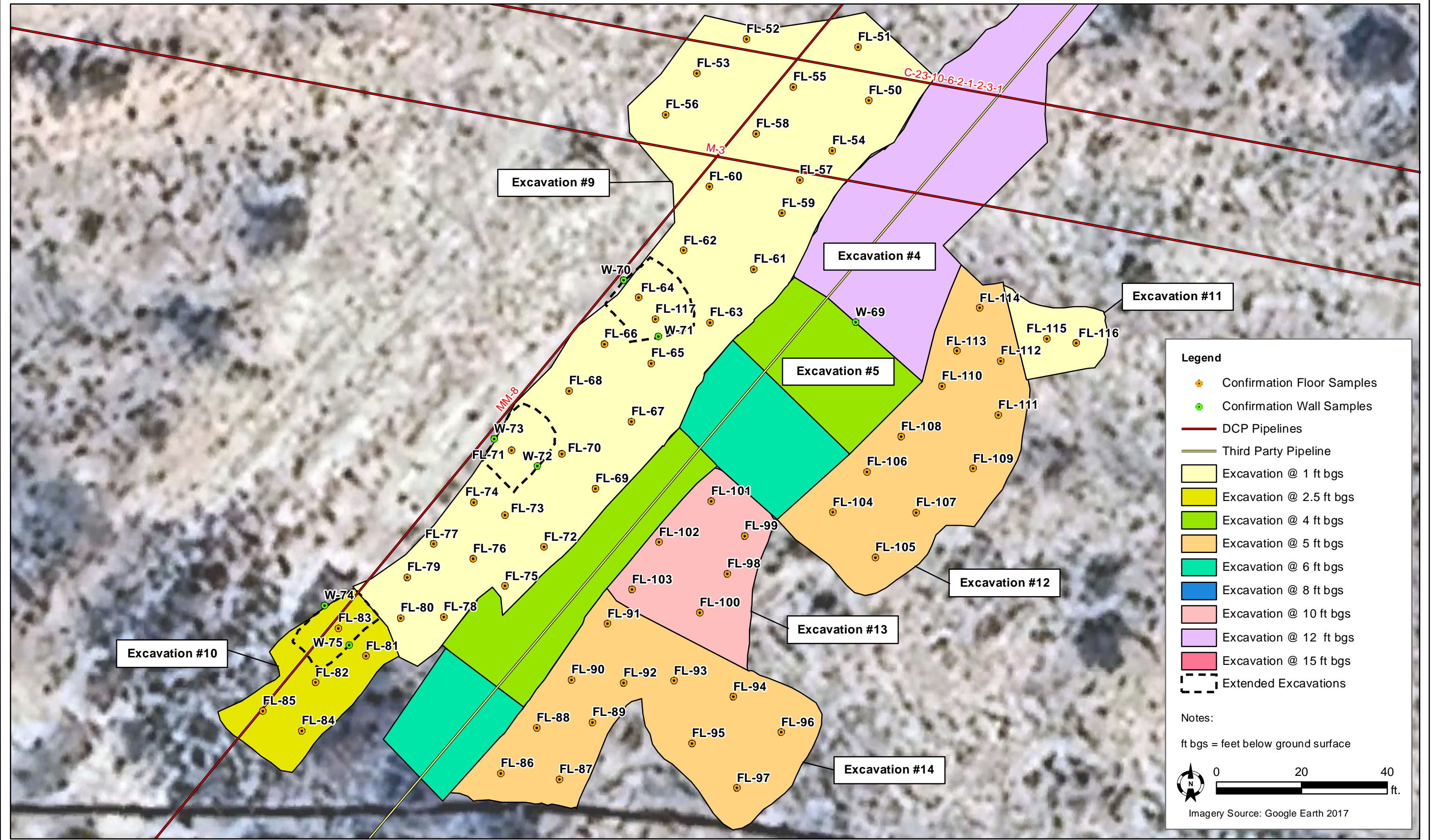


Tasman, Inc.
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C-23 Line Leak - nAPP2424928034
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Lea County, New Mexico

Site Location Map

Figure
1



DATE:	November 2024
DESIGNED BY:	B. Martinez
DRAWN BY:	K. Stark



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

DCP Operating Compay, LP
C-23 Line Leak - nAPP2424928034
UL "E", Sec. 13, T20S, R33E
Lea County, New Mexico

Confirmation Sampling
Overview Map

Figure
2

Table

TABLE 1
SOIL ANALYTICAL SUMMARY
DCP Operating Company, LP
C-23 Line Leak - nAPP2424928034

Sample ID	Sample Depth (bgs)	Sample Date	Soil Status	PID (ppm)	Field Chloride (mg/kg)	Benzene (mg/kg)	Total BTEX ¹ (mg/kg)	TPH ² (mg/kg)				Chloride ³ (mg/kg)
								GRO	DRO	MRO	TOTAL	
FL-50	1'	2/26/2025	In-Situ	1.5	150	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FL-51	1'	2/26/2025	In-Situ	0.7	150	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FL-52	1'	2/26/2025	In-Situ	1.0	450	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FL-53	1'	2/26/2025	In-Situ	0.4	344	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
FL-54	1'	2/26/2025	In-Situ	0.5	150	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
FL-55	1'	2/26/2025	In-Situ	0.6	150	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
FL-56	1'	2/26/2025	In-Situ	0.2	167	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FL-57	1'	2/26/2025	In-Situ	0.5	141	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
FL-58	1'	2/26/2025	In-Situ	0.2	150	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
FL-59	1'	2/26/2025	In-Situ	0.4	141	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
FL-60	1'	2/26/2025	In-Situ	0.5	167	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FL-61	1'	2/26/2025	In-Situ	0.4	136	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
FL-62	1'	2/26/2025	In-Situ	0.4	150	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
FL-63	1'	2/26/2025	In-Situ	0.7	136	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FL-64	1'	2/26/2025	Excavated	3.0	136	<0.050	<0.300	<10.0	144	35.8	180	176
	3'	3/17/2025	In-Situ	0.2	147.0	<0.050	<0.300	<10.0	49.4	<10.0	49.4	112
FL-65	1'	2/26/2025	In-Situ	0.6	136	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
FL-66	1'	2/26/2025	In-Situ	0.7	172	<0.050	<0.300	<10.0	24.3	<10.0	24.3	64.0
FL-67	1'	2/26/2025	In-Situ	0.4	161	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FL-68	1'	2/26/2025	In-Situ	0.4	300	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FL-69	1'	2/26/2025	In-Situ	0.6	300	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FL-70	1'	2/26/2025	In-Situ	0.5	300	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
FL-71	1'	2/26/2025	Excavated	3.2	300	<0.050	<0.300	<10.0	356	73.9	430	272
	3'	3/17/2025	In-Situ	0.0	111	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FL-72	1'	2/26/2025	In-Situ	0.8	150	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FL-73	1'	2/26/2025	In-Situ	1.2	300	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FL-74	1'	2/26/2025	In-Situ	3.1	300	<0.050	<0.300	<10.0	63.4	11.3	74.7	144
FL-75	1'	2/26/2025	In-Situ	1.3	300	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FL-76	1'	2/26/2025	In-Situ	1.1	300	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
FL-77	1'	2/26/2025	In-Situ	0.9	300	<0.050	<0.300	<10.0	39.3	<10.0	39.3	96.0
FL-78	1'	2/26/2025	In-Situ	1.3	150	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
FL-79	1'	2/26/2025	In-Situ	1.3	150	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
FL-80	1'	2/26/2025	In-Situ	0.8	150	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FL-81	2.5'	2/26/2025	In-Situ	1.8	150	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
FL-82	2.5'	2/26/2025	In-Situ	1.7	150	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FL-83	2.5'	2/26/2025	Excavated	1.2	150	<0.050	<0.300	<10.0	153	76.7	230	64.0
	3.5'	3/17/2025	In-Situ	0.2	211	<0.050	<0.300	<10.0	28.6	<10.0	28.6	96.0
NMOCD Action Levels ⁴				N/A	N/A	10	50	N/A			100	600

TABLE 1
SOIL ANALYTICAL SUMMARY
DCP Operating Company, LP
C-23 Line Leak - nAPP2424928034

Sample ID	Sample Depth (bgs)	Sample Date	Soil Status	PID (ppm)	Field Chloride (mg/kg)	Benzene (mg/kg)	Total BTEX ¹ (mg/kg)	TPH ² (mg/kg)				Chloride ³ (mg/kg)	
								GRO	DRO	MRO	TOTAL		
FL-84	2.5'	2/26/2025	In-Situ	0.1	150	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32.0	
FL-85	1'	2/26/2025	In-Situ	1.5	150	<0.050	<0.300	<10.0	17.0	<10.0	17.0	128	
FL-86	5'	2/26/2025	In-Situ	1.3	150	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	48.0	
FL-87	5'	2/26/2025	In-Situ	1.5	150	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	48.0	
FL-88	5'	2/26/2025	In-Situ	1.6	150	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32.0	
FL-89	5'	2/26/2025	In-Situ	1.2	150	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32.0	
FL-90	5'	2/26/2025	In-Situ	1.3	150	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32.0	
FL-91	5'	2/26/2025	In-Situ	1.3	150	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	48.0	
FL-92	5'	2/26/2025	In-Situ	1.2	150	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32.0	
FL-93	5'	2/26/2025	In-Situ	1.2	150	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	48.0	
FL-94	5'	2/26/2025	In-Situ	2.2	150	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	16.0	
FL-95	5'	2/26/2025	In-Situ	1.5	150	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32.0	
FL-96	5'	2/26/2025	In-Situ	1.9	150	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32.0	
FL-97	5'	2/26/2025	In-Situ	1.1	150	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32.0	
FL-98	10'	2/26/2025	In-Situ	1.1	150	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32.0	
FL-99	10'	2/26/2025	In-Situ	1.7	150	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	48.0	
FL-100	10'	2/26/2025	In-Situ	0.7	150	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32.0	
FL-101	10'	2/26/2025	In-Situ	1.4	150	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	48.0	
FL-102	10'	2/26/2025	In-Situ	1.2	150	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	48.0	
FL-103	10'	2/26/2025	In-Situ	0.9	150	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	48.0	
FL-104	5'	2/27/2025	In-Situ	1.1	210	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	16.0	
FL-105	5'	2/27/2025	In-Situ	1.3	208	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	16.0	
FL-106	5'	2/27/2025	In-Situ	1.5	144	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32.0	
FL-107	5'	2/27/2025	In-Situ	1.0	144	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32.0	
FL-108	5'	2/27/2025	In-Situ	1.5	181	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	16.0	
FL-109	5'	2/27/2025	In-Situ	1.1	138	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32.0	
FL-110	5'	2/27/2025	In-Situ	1.1	149	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0	
FL-111	5'	2/27/2025	In-Situ	2.0	145	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	64.0	
FL-112	5'	2/27/2025	In-Situ	2.8	151	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32.0	
FL-113	5'	2/27/2025	In-Situ	1.4	168	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	48.0	
FL-114	5'	2/27/2025	In-Situ	1.1	174	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32.0	
FL-115	1'	2/27/2025	In-Situ	2.4	144	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	48.0	
FL-116	1'	2/27/2025	In-Situ	4.9	330	<0.050	<0.300	<10.0	27.7	<10.0	27.7	256	
FL-117	3'	3/25/2025	In-Situ	---	89.0	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32.0	
NMOCD Action Levels ⁴				N/A	N/A	10	50	N/A				100	600

TABLE 1
SOIL ANALYTICAL SUMMARY
DCP Operating Company, LP
C-23 Line Leak - nAPP2424928034

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		
W-69	8'	2/26/2025	In-Situ	0.5	300	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	432	
W-70	1.5'	3/17/2025	Excavated	0.2	147.0	<0.050	<0.300	<10.0	176	24.1	200	192	
	1.5'	3/25/2025	In-Situ	---	121	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	16.0	
W-71	1.5'	3/17/2025	Excavated	0.6	196	<0.050	<0.300	<10.0	435	70.9	506	672	
	1.5'	3/25/2025	In-Situ	---	179	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32.0	
W-72	1.5'	3/17/2025	In-Situ	0.4	151	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	48.0	
W-73	1.5'	3/17/2025	In-Situ	0.0	111	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32.0	
W-74	1.5'	3/17/2025	In-Situ	0.0	111	<0.050	<0.300	<10.0	39.0	<10.0	39.0	48.0	
W-75	1.5'	3/17/2025	In-Situ	0.0	114	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32.0	
NMOCD Action Levels ⁴				N/A	N/A	10	50	N/A				100	600

Notes:

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

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

3. Chloride - Analyzed by EPA method 300

4. 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 RDL**Red** values denote concentrations above NMOCD Action Levels

BGS = Below ground surface

GRO = Gasoline range organics

DRO = Diesel range organics

MRO = Motor/lube oil range organics

PID = Photoionization detector

--- = Sample was not analyzed for this analyte

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

Appendix A – NMOCD Notifications

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
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Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 380790

QUESTIONS

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 380790
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source <i>Please answer all the questions in this group.</i>	
Site Name	C-23 Pipeline Leak
Date Release Discovered	09/03/2024
Surface Owner	Federal

Incident Details <i>Please answer all the questions in this group.</i>	
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 <i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.
Condensate Released (bbls) Details	Cause: Human Error Pipeline (Any) Condensate Released: 133 BBL Recovered: 35 BBL Lost: 98 BBL.
Natural Gas Vented (Mcf) Details	Cause: Human Error Pipeline (Any) Natural Gas Vented Released: 6 Mcf Recovered: 0 Mcf Lost: 6 Mcf.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 380790

QUESTIONS (continued)

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 380790
	Action Type: [NOTIFY] Notification Of Release (NOR)

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 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.

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ACKNOWLEDGMENTS

Action 380790

ACKNOWLEDGMENTS

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 380790
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.

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CONDITIONS

Action 380790

CONDITIONS

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 380790
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
knorman	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	9/5/2024

Barrels Released Calculation_8019_C-23 Line Leak (9/3/24)

$$\frac{\text{Pipeline ditch saturation Square Footage}}{27} \times \text{Height (ft)} = 133.3333 \text{ feet}^3$$

$$133.3333 \times 0.1781 = 23.746667 \text{ barrels released}$$

$$\frac{\text{Surface saturation Square Footage}}{27} \times \text{Height (ft)} = 416.2778 \text{ feet}^3$$

$$416.2778 \times 0.1781 = 74.139072 \text{ barrels released}$$

$$\begin{aligned} \text{Total} &= 97.885739 \text{ barrels released} \\ \text{Vacuum truck recovered:} &= 35 \text{ bbls} \\ \text{Total volume released:} &= 132.88 \text{ barrels} \end{aligned}$$



13 Bataan Blvd Santa Fe, NM 87508

unknown

FAX To: Regional Environmental Department 111-111-1111

SERC/LEPC Notification Form

Facility Name:	Eunice PL/Gathering (NM)	Date:	9/4/2024 10:07 AM	County:	LEA
Location:	Event GPS Coordinates: 32.5753889, -103.6258333				<input checked="" type="checkbox"/> Initial Report
	Driving Directions:				<input type="checkbox"/> Updated Report
					<input type="checkbox"/> Final Report
Type of Incident:	Shutdown	Release Occurred To:	Air	Release Type:	Vented
Started On:	9/3/2024 6:59 PM	Ended On:	9/3/2024 7:00 PM	Discovered On:	9/3/2024 3:30 PM

Event Duration:

1 Minutes

Material Released:**Material Composition:**

Carbon Dioxide 0.1348%, Methane 65.9381%, Hexane 0.3061%, Butane 2.6939%, Pentane 0.5528%, Heptane 0.2871%, n-Nonane 0.022%, n-Octane 0.0641%, Nitrogen 2.373%, Propane 9.6473%, Ethane 16.5007%, Isobutane 0.9612%, Isopentane 0.5189%,

Calculations:

Compound Calculation Used to Obtain Released Amount (Id: 106940)

Hexane: $5867.72 \text{ {scf/event}} * 0.003061 \text{ {mole fraction}} * 86.1754 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$ Butane: $5867.72 \text{ {scf/event}} * 0.026939 \text{ {mole fraction}} * 58.1222 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$ Pentane: $5867.72 \text{ {scf/event}} * 0.005528 \text{ {mole fraction}} * 72.1488 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$ Heptane: $5867.72 \text{ {scf/event}} * 0.002871 \text{ {mole fraction}} * 100.2019 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$ n-Nonane: $5867.72 \text{ {scf/event}} * 0.00022 \text{ {mole fraction}} * 128.2551 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$ n-Octane: $5867.72 \text{ {scf/event}} * 0.000641 \text{ {mole fraction}} * 114.2285 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$ Propane: $5867.72 \text{ {scf/event}} * 0.096473 \text{ {mole fraction}} * 44.0956 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$ Isobutane: $5867.72 \text{ {scf/event}} * 0.009612 \text{ {mole fraction}} * 58.1222 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$ Isopentane: $5867.72 \text{ {scf/event}} * 0.005189 \text{ {mole fraction}} * 72.1488 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$ Nitrogen: $5867.72 \text{ {scf/event}} * 0.02373 \text{ {mole fraction}} * 28.0134 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$ Ethane: $5867.72 \text{ {scf/event}} * 0.165007 \text{ {mole fraction}} * 30.069 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$

Volume Calculations Used to Obtain Release Amount

 $5.86772 \text{ {mscf/event}}$ $\text{Vol} = 3.14159 * (\text{Dia} / 12 / 2)^2 * \text{Len} * (\text{StartPressure} - \text{EndPressure}) / 14.7 / 1000$
Dia=12, Len(ft)=13728.00, StartPressure=8, EndPressure=0 Length In Miles: 2.6**Violations:****Known or anticipated acute or chronic health risks associated with the emergency:****Medical attention advised for exposed individuals:****Cause of the upset:**

line strike

Actions taken to correct the upset and minimize emissions:

line was locked out shut in and liquids recovered

Precautions taken as a result of the release:

A. AI Number	N. Failure Pt No: O. Failure Pt. Description:				
	C-23-10-6-2-1-2-3-1				
A. NOx:	B. SO2:	C. CO:	D. PM:	E. VOC:	F. H2S:
0 lb	0 lb	0 lb		120.74 lb	0 lb

Vol=5.87 mscf/event

SERC Email Notification:

henry.jolly@state.nm.us

LEPC Email Notification:

lvelasquez@leacounty.net

Kyle Norman

From: Case, Nicholas L <Nicholas.L.Case@p66.com>
Sent: Tuesday, September 3, 2024 5:40 PM
To: Michael Bratcher; Mike Bratcher
Cc: Cook, John W; Brett Dennis; Kyle Norman; Millican, Scot A; Khelurkar, Nikunj; nlcase@dcpmidstream.com; Dabney, Claudia; Daly, Stacey; Case, Nicholas L
Subject: C-23 Pipeline leak/event LeaCounty

Importance: High

Mr. Bratcher: DCP/P66 Ops notified me of a line leak on the C-23 Pipeline in Lea county which occurred around 17:16 on 09/03/2024. THE event occurred at **32.5753760 -103.6258320**. The estimated spill amount may exceed the 25BBL reportable threshold and will be reported via C-141. Operations is blocking in the line. Tasman (our third-party remediation contractor) is in route. A third-party Vac truck is onsite. I tried to reach you at 17:22 but your mobile phone 575-626-0857 went to the mailbox and I left you a voice message.


Therefore:

In an abundance of caution and to meet potentially applicable reporting deadlines, DCP is submitting this initial report based on the information currently available and DCP’s understanding of the facts at this time; however, DCP’s investigation and assessment is ongoing. DCP therefore reserves the right to supplement and revise the information in this initial report if and as new information becomes available. DCP also reserves the right to raise any arguments, facts, or defenses regarding this incident, including that this incident is not a “major release” as defined by 19.15.29.7(A) NMAC.

Please contact me if you have any additional questions or concerns for this possible NOR.

Thanks Nick

Nicholas L. Case
Senior Environmental Specialist
SENM Asset
M: 575-802-5225
139 W US HWY 62 180 | Hobbs, NM 88240
phillips66.com Follow us: [Twitter](#) | [Facebook](#) | [LinkedIn](#) | [Instagram](#)



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State of New Mexico
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1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 380799

QUESTIONS

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 380799
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2424928034
Incident Name	NAPP2424928034 C-23 PIPELINE 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	C-23 Pipeline Leak
Date Release Discovered	09/03/2024
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: Human Error Pipeline (Any) Condensate Released: 133 BBL Recovered: 35 BBL Lost: 98 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.

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QUESTIONS, Page 2

Action 380799

QUESTIONS (continued)

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 380799
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

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: Nick Case Title: Environmental Email: Nicholas.L.Case@P66.com Date: 09/05/2024
--	---

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QUESTIONS, Page 3

Action 380799

QUESTIONS (continued)

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 380799
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Not answered.
What method was used to determine the depth to ground water	Not answered.
Did this release impact groundwater or surface water	Not answered.
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Not answered.
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Not answered.
An occupied permanent residence, school, hospital, institution, or church	Not answered.
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Not answered.
Any other fresh water well or spring	Not answered.
Incorporated municipal boundaries or a defined municipal fresh water well field	Not answered.
A wetland	Not answered.
A subsurface mine	Not answered.
An (non-karst) unstable area	Not answered.
Categorize the risk of this well / site being in a karst geology	Not answered.
A 100-year floodplain	Not answered.
Did the release impact areas not on an exploration, development, production, or storage site	Not answered.

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	No
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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Santa Fe, NM 87505

CONDITIONS

Action 380799

CONDITIONS

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 380799
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	None	9/5/2024

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 434445

QUESTIONS

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 434445
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2424928034
Incident Name	NAPP2424928034 C-23 PIPELINE LEAK @ 0
Incident Type	Natural Gas Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	C-23 Pipeline Leak
Date Release Discovered	09/03/2024
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	6,075
What is the estimated number of samples that will be gathered	56
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/26/2025
Time sampling will commence	08:30 AM
Please provide any information necessary for observers to contact samplers	Contact Brett Dennis 325.660.7395
Please provide any information necessary for navigation to sampling site	32.576452, -103.625554

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 434445

CONDITIONS

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 434445
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
knorman	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/24/2025

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 434465

QUESTIONS

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 434465
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2424928034
Incident Name	NAPP2424928034 C-23 PIPELINE LEAK @ 0
Incident Type	Natural Gas Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	C-23 Pipeline Leak
Date Release Discovered	09/03/2024
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	10,554
What is the estimated number of samples that will be gathered	56
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/27/2025
Time sampling will commence	08:30 AM
Please provide any information necessary for observers to contact samplers	Contact Brett Dennis 325.660.7395
Please provide any information necessary for navigation to sampling site	32.576452, -103.625554

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 434465

CONDITIONS

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 434465
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
knorman	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/24/2025

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 442001

QUESTIONS

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 442001
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2424928034
Incident Name	NAPP2424928034 C-23 PIPELINE LEAK @ 0
Incident Type	Natural Gas Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	C-23 Pipeline Leak
Date Release Discovered	09/03/2024
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	600
What is the estimated number of samples that will be gathered	3
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/17/2025
Time sampling will commence	08:30 AM
Please provide any information necessary for observers to contact samplers	Contact Brett Dennis: 325-660-7395
Please provide any information necessary for navigation to sampling site	32.576506, -103.625431

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 442001

CONDITIONS

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 442001
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
knorman	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	3/13/2025

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 444852

QUESTIONS

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 444852
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2424928034
Incident Name	NAPP2424928034 C-23 PIPELINE LEAK @ 0
Incident Type	Natural Gas Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	C-23 Pipeline Leak
Date Release Discovered	09/03/2024
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	600
What is the estimated number of samples that will be gathered	3
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/25/2025
Time sampling will commence	09:00 AM
 Warning: Notification can not be less than two business days prior to conducting final sampling. 	
Please provide any information necessary for observers to contact samplers	A variance request of the 48-hr notification notification was approved by BHall via email on 3/24/2025 @ 10:56 AM. Contact Brett Dennis: 325-660-7395
Please provide any information necessary for navigation to sampling site	Site Location: 32.576413, -103.625637

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/contact-us>

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

CONDITIONS

Action 444852

CONDITIONS

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 444852
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
knorman	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	3/24/2025

Brett Dennis

From: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>
Sent: Monday, March 24, 2025 10:56 AM
To: Brett Dennis
Cc: Kyle Norman; Laura Flores; Weathers, Stephen
Subject: RE: [EXTERNAL] nAPP2424928034 - C-23 Line Leak - Sample Notification Variance

Good morning Brett,

The variance request for the two-business day sampling notification pursuant to 19.15.29 D.(1)(a) NMAC is approved. A C-141N must be submitted for the sampling that will occur tomorrow morning (3/25/25) at approximately 9AM. In one of the free text boxes (either the samplers' information or the directions to the site) please include that a variance from the two-business day sampling notification has been approved.

For future variance requests ensure that the requirements of 19.15.29.14 NMAC are met. The requirements for variances include:

19.15.29.14 VARIANCES:

A. A responsible party may file a written request for a variance from any requirement of 19.15.29 NMAC with the appropriate division district office. The variance request must include:

- (1)** a detailed statement explaining the need for a variance; and
- (2)** a detailed written demonstration that the variance will provide equal or better protection of fresh water, public health and the environment.

Please include a copy of this correspondence in the next submittal.

Thank you,

Brittany Hall ● Environmental Specialist
Environmental Bureau Projects Group
EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87110
505.517.5333 | Brittany.Hall@emnrd.nm.gov
<http://www.emnrd.nm.gov/oecd/>

Effective 12/1/2024: OCD has updated guidance on karst potential occurrence zones. This notice can be found at: <https://www.emnrd.nm.gov/oecd/oecd-announcements-and-notifications/> under "2024 OCD ANNOUNCEMENTS AND NOTIFICATIONS".

The Digital C-141 guidance documents can be found at <https://www.emnrd.nm.gov/oecd/oecd-announcements-and-notifications/> or <https://www.emnrd.nm.gov/oecd/oecd-forms/>.

From: Brett Dennis <bdennis@tasman-geo.com>
Sent: Monday, March 24, 2025 9:25 AM
To: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>
Cc: Kyle Norman <knorman@tasman-geo.com>; Laura Flores <LFlores@tasman-geo.com>; Weathers, Stephen <Stephen.Weathers@p66.com>
Subject: [EXTERNAL] nAPP2424928034 - C-23 Line Leak - Sample Notification Variance

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good Morning Brittany,

We are addressing a few exceedances at the above referenced site and would like to request a variance on the 48-hr sample notification. We are proposing to collect approximately 3 confirmation samples tomorrow morning (3/25/25) at approximately 9AM.

Please let me know if you have any questions.

Thank you,



Brett Dennis

Senior Project Manager

C: 325.660.7395

bdennis@tasman-geo.com

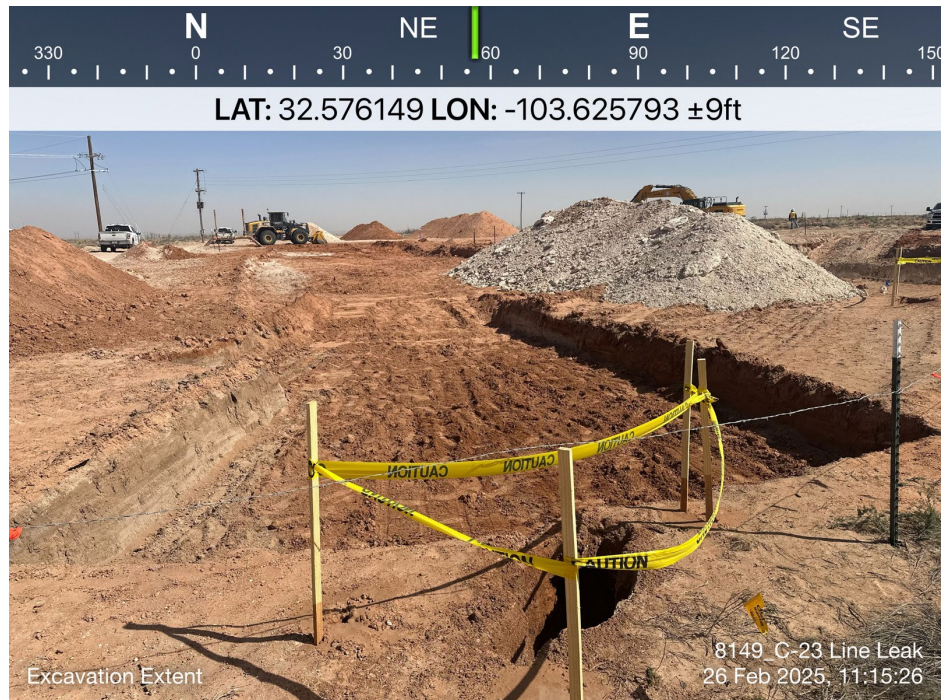
tasman-geo.com

Appendix B – Photographic Log

DCP Operating Company, LP
C-23 Pipeline Leak
nAPP2424928034



DCP Operating Company, LP
C-23 Pipeline Leak
nAPP2424928034



DCP Operating Company, LP
C-23 Pipeline Leak
nAPP2424928034



DCP Operating Company, LP
C-23 Pipeline Leak
nAPP2424928034



Appendix C – Certified Laboratory Analytical Reports



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

March 04, 2025

KYLE NORMAN

TASMAN GEOSCIENCES

6899 PECOS ST. UNIT C

DENVER, CO 80221

RE: 8149_ C-23 LINE_ LEAK

Enclosed are the results of analyses for samples received by the laboratory on 02/26/25 16:27.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 50 @ 1' (H251159-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	ND	1.75	87.5	2.00	1.15	
Toluene*	<0.050	0.050	03/03/2025	ND	1.92	95.9	2.00	0.187	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	1.98	99.2	2.00	0.541	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.14	102	6.00	0.289	
Total BTX	<0.300	0.300	03/03/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	32.0	16.0	02/28/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/01/2025	ND	214	107	200	0.322	
DRO >C10-C28*	<10.0	10.0	03/01/2025	ND	199	99.3	200	4.30	
EXT DRO >C28-C36	<10.0	10.0	03/01/2025	ND					

Surrogate: 1-Chlorooctane 81.6 % 71.8-148

Surrogate: 1-Chlorooctadecane 76.9 % 63.9-155

Cardinal Laboratories

*=Accredited Analyte

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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: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 51 @ 1' (H251159-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2025	ND	1.75	87.5	2.00	1.15		
Toluene*	<0.050	0.050	03/03/2025	ND	1.92	95.9	2.00	0.187		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	1.98	99.2	2.00	0.541		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.14	102	6.00	0.289		
Total BTEx	<0.300	0.300	03/03/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/28/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/01/2025	ND	214	107	200	0.322	
DRO >C10-C28*	<10.0	10.0	03/01/2025	ND	199	99.3	200	4.30	
EXT DRO >C28-C36	<10.0	10.0	03/01/2025	ND					

Surrogate: 1-Chlorooctane 90.6 % 71.8-148

Surrogate: 1-Chlorooctadecane 86.3 % 63.9-155

Cardinal Laboratories

*=Accredited Analyte

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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: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 52 @ 1' (H251159-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2025	ND	1.75	87.5	2.00	1.15		
Toluene*	<0.050	0.050	03/03/2025	ND	1.92	95.9	2.00	0.187		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	1.98	99.2	2.00	0.541		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.14	102	6.00	0.289		
Total BTEx	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/28/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/01/2025	ND	214	107	200	0.322	
DRO >C10-C28*	<10.0	10.0	03/01/2025	ND	199	99.3	200	4.30	
EXT DRO >C28-C36	<10.0	10.0	03/01/2025	ND					

Surrogate: 1-Chlorooctane 87.1 % 71.8-148

Surrogate: 1-Chlorooctadecane 80.6 % 63.9-155

Cardinal Laboratories

*=Accredited Analyte

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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: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 53 @ 1' (H251159-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2025	ND	1.75	87.5	2.00	1.15		
Toluene*	<0.050	0.050	03/03/2025	ND	1.92	95.9	2.00	0.187		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	1.98	99.2	2.00	0.541		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.14	102	6.00	0.289		
Total BTEX	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	48.0	16.0	02/28/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/01/2025	ND	214	107	200	0.322	
DRO >C10-C28*	<10.0	10.0	03/01/2025	ND	199	99.3	200	4.30	
EXT DRO >C28-C36	<10.0	10.0	03/01/2025	ND					

Surrogate: 1-Chlorooctane 86.1 % 71.8-148

Surrogate: 1-Chlorooctadecane 81.4 % 63.9-155

Cardinal Laboratories

*=Accredited Analyte

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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: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 54 @ 1' (H251159-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2025	ND	1.75	87.5	2.00	1.15		
Toluene*	<0.050	0.050	03/03/2025	ND	1.92	95.9	2.00	0.187		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	1.98	99.2	2.00	0.541		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.14	102	6.00	0.289		
Total BTEx	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/28/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/01/2025	ND	214	107	200	0.322	
DRO >C10-C28*	<10.0	10.0	03/01/2025	ND	199	99.3	200	4.30	
EXT DRO >C28-C36	<10.0	10.0	03/01/2025	ND					

Surrogate: 1-Chlorooctane 85.9 % 71.8-148

Surrogate: 1-Chlorooctadecane 80.9 % 63.9-155

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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: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 55 @ 1' (H251159-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2025	ND	1.75	87.5	2.00	1.15		
Toluene*	<0.050	0.050	03/03/2025	ND	1.92	95.9	2.00	0.187		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	1.98	99.2	2.00	0.541		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.14	102	6.00	0.289		
Total BTEx	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/28/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/01/2025	ND	214	107	200	0.322	
DRO >C10-C28*	<10.0	10.0	03/01/2025	ND	199	99.3	200	4.30	
EXT DRO >C28-C36	<10.0	10.0	03/01/2025	ND					

Surrogate: 1-Chlorooctane 82.2 % 71.8-148

Surrogate: 1-Chlorooctadecane 77.0 % 63.9-155

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Analytical Results For:

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

Received: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 56 @ 1' (H251159-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2025	ND	1.75	87.5	2.00	1.15		
Toluene*	<0.050	0.050	03/03/2025	ND	1.92	95.9	2.00	0.187		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	1.98	99.2	2.00	0.541		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.14	102	6.00	0.289		
Total BTEX	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	32.0	16.0	02/28/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/01/2025	ND	214	107	200	0.322	
DRO >C10-C28*	<10.0	10.0	03/01/2025	ND	199	99.3	200	4.30	
EXT DRO >C28-C36	<10.0	10.0	03/01/2025	ND					

Surrogate: 1-Chlorooctane 86.3 % 71.8-148

Surrogate: 1-Chlorooctadecane 81.6 % 63.9-155

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Analytical Results For:

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

Received: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 57 @ 1' (H251159-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2025	ND	1.75	87.5	2.00	1.15		
Toluene*	<0.050	0.050	03/03/2025	ND	1.92	95.9	2.00	0.187		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	1.98	99.2	2.00	0.541		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.14	102	6.00	0.289		
Total BTEx	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/28/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/01/2025	ND	214	107	200	0.322	
DRO >C10-C28*	<10.0	10.0	03/01/2025	ND	199	99.3	200	4.30	
EXT DRO >C28-C36	<10.0	10.0	03/01/2025	ND					

Surrogate: 1-Chlorooctane 86.4 % 71.8-148

Surrogate: 1-Chlorooctadecane 81.0 % 63.9-155

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Analytical Results For:

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

Received: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 58 @ 1' (H251159-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2025	ND	1.75	87.5	2.00	1.15		
Toluene*	<0.050	0.050	03/03/2025	ND	1.92	95.9	2.00	0.187		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	1.98	99.2	2.00	0.541		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.14	102	6.00	0.289		
Total BTEx	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/28/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/01/2025	ND	214	107	200	0.322	
DRO >C10-C28*	<10.0	10.0	03/01/2025	ND	199	99.3	200	4.30	
EXT DRO >C28-C36	<10.0	10.0	03/01/2025	ND					

Surrogate: 1-Chlorooctane 82.4 % 71.8-148

Surrogate: 1-Chlorooctadecane 75.2 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 59 @ 1' (H251159-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2025	ND	1.75	87.5	2.00	1.15		
Toluene*	<0.050	0.050	03/03/2025	ND	1.92	95.9	2.00	0.187		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	1.98	99.2	2.00	0.541		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.14	102	6.00	0.289		
Total BTEx	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/28/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/01/2025	ND	214	107	200	0.322	
DRO >C10-C28*	<10.0	10.0	03/01/2025	ND	199	99.3	200	4.30	
EXT DRO >C28-C36	<10.0	10.0	03/01/2025	ND					

Surrogate: 1-Chlorooctane 81.3 % 71.8-148

Surrogate: 1-Chlorooctadecane 78.8 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 60 @ 1' (H251159-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2025	ND	1.75	87.5	2.00	1.15		
Toluene*	<0.050	0.050	03/03/2025	ND	1.92	95.9	2.00	0.187		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	1.98	99.2	2.00	0.541		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.14	102	6.00	0.289		
Total BTEx	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/28/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/01/2025	ND	214	107	200	0.322	
DRO >C10-C28*	<10.0	10.0	03/01/2025	ND	199	99.3	200	4.30	
EXT DRO >C28-C36	<10.0	10.0	03/01/2025	ND					

Surrogate: 1-Chlorooctane 90.4 % 71.8-148

Surrogate: 1-Chlorooctadecane 83.1 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 61 @ 1' (H251159-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2025	ND	1.75	87.5	2.00	1.15		
Toluene*	<0.050	0.050	03/03/2025	ND	1.92	95.9	2.00	0.187		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	1.98	99.2	2.00	0.541		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.14	102	6.00	0.289		
Total BTEx	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/28/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	208	104	200	2.61	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	204	102	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 92.0 % 71.8-148

Surrogate: 1-Chlorooctadecane 92.2 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 62 @ 1' (H251159-13)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	ND	1.75	87.5	2.00	1.15	
Toluene*	<0.050	0.050	03/03/2025	ND	1.92	95.9	2.00	0.187	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	1.98	99.2	2.00	0.541	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.14	102	6.00	0.289	
Total BTEx	<0.300	0.300	03/03/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/28/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	208	104	200	2.61	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	204	102	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 85.3 % 71.8-148

Surrogate: 1-Chlorooctadecane 82.1 % 63.9-155

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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: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 63 @ 1' (H251159-14)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	ND	1.75	87.5	2.00	1.15	
Toluene*	<0.050	0.050	03/03/2025	ND	1.92	95.9	2.00	0.187	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	1.98	99.2	2.00	0.541	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.14	102	6.00	0.289	
Total BTEx	<0.300	0.300	03/03/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/28/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	208	104	200	2.61	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	204	102	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 92.4 % 71.8-148

Surrogate: 1-Chlorooctadecane 90.7 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 64 @ 1' (H251159-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2025	ND	1.75	87.5	2.00	1.15		
Toluene*	<0.050	0.050	03/03/2025	ND	1.92	95.9	2.00	0.187		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	1.98	99.2	2.00	0.541		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.14	102	6.00	0.289		
Total BTEX	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	176	16.0	02/28/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	208	104	200	2.61	
DRO >C10-C28*	144	10.0	02/28/2025	ND	204	102	200	2.05	
EXT DRO >C28-C36	35.8	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 91.8 % 71.8-148

Surrogate: 1-Chlorooctadecane 94.6 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 65 @ 1' (H251159-16)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2025	ND	1.75	87.5	2.00	1.15		
Toluene*	<0.050	0.050	03/03/2025	ND	1.92	95.9	2.00	0.187		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	1.98	99.2	2.00	0.541		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.14	102	6.00	0.289		
Total BTEx	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/28/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	208	104	200	2.61	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	204	102	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 91.5 % 71.8-148

Surrogate: 1-Chlorooctadecane 91.3 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 66 @ 1' (H251159-17)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2025	ND	1.75	87.5	2.00	1.15		
Toluene*	<0.050	0.050	03/03/2025	ND	1.92	95.9	2.00	0.187		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	1.98	99.2	2.00	0.541		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.14	102	6.00	0.289		
Total BTEx	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/28/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	208	104	200	2.61	
DRO >C10-C28*	24.3	10.0	02/28/2025	ND	204	102	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 94.2 % 71.8-148

Surrogate: 1-Chlorooctadecane 95.0 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 67 @ 1' (H251159-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2025	ND	1.75	87.5	2.00	1.15		
Toluene*	<0.050	0.050	03/03/2025	ND	1.92	95.9	2.00	0.187		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	1.98	99.2	2.00	0.541		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.14	102	6.00	0.289		
Total BTEx	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/28/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	208	104	200	2.61	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	204	102	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 96.7 % 71.8-148

Surrogate: 1-Chlorooctadecane 96.1 % 63.9-155

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Analytical Results For:

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

Received: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 68 @ 1' (H251159-19)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2025	ND	1.75	87.5	2.00	1.15		
Toluene*	<0.050	0.050	03/03/2025	ND	1.92	95.9	2.00	0.187		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	1.98	99.2	2.00	0.541		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.14	102	6.00	0.289		
Total BTEX	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/28/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	208	104	200	2.61	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	204	102	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 83.2 % 71.8-148

Surrogate: 1-Chlorooctadecane 81.3 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 69 @ 1' (H251159-20)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2025	ND	1.75	87.5	2.00	1.15		
Toluene*	<0.050	0.050	03/03/2025	ND	1.92	95.9	2.00	0.187		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	1.98	99.2	2.00	0.541		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.14	102	6.00	0.289		
Total BTEx	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/28/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	208	104	200	2.61	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	204	102	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 89.1 % 71.8-148

Surrogate: 1-Chlorooctadecane 88.3 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 70 @ 1' (H251159-21)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2025	ND	1.96	97.8	2.00	3.49		
Toluene*	<0.050	0.050	03/03/2025	ND	2.21	110	2.00	1.48		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.22	111	2.00	1.40		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.86	114	6.00	1.07		
Total BTX	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/28/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	208	104	200	2.61	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	204	102	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 86.0 % 71.8-148

Surrogate: 1-Chlorooctadecane 83.8 % 63.9-155

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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: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 71 @ 1' (H251159-22)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2025	ND	1.96	97.8	2.00	3.49		
Toluene*	<0.050	0.050	03/03/2025	ND	2.21	110	2.00	1.48		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.22	111	2.00	1.40		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.86	114	6.00	1.07		
Total BTEx	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	02/28/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	208	104	200	2.61	
DRO >C10-C28*	356	10.0	02/28/2025	ND	204	102	200	2.05	
EXT DRO >C28-C36	73.9	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 89.5 % 71.8-148

Surrogate: 1-Chlorooctadecane 91.6 % 63.9-155

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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: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 72 @ 1' (H251159-23)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2025	ND	1.96	97.8	2.00	3.49		
Toluene*	<0.050	0.050	03/03/2025	ND	2.21	110	2.00	1.48		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.22	111	2.00	1.40		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.86	114	6.00	1.07		
Total BTX	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/28/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	208	104	200	2.61	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	204	102	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 88.4 % 71.8-148

Surrogate: 1-Chlorooctadecane 87.4 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 73 @ 1' (H251159-24)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2025	ND	1.96	97.8	2.00	3.49		
Toluene*	<0.050	0.050	03/03/2025	ND	2.21	110	2.00	1.48		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.22	111	2.00	1.40		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.86	114	6.00	1.07		
Total BTX	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/28/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	208	104	200	2.61	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	204	102	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 87.1 % 71.8-148

Surrogate: 1-Chlorooctadecane 85.3 % 63.9-155

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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: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 74 @ 1' (H251159-25)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2025	ND	1.96	97.8	2.00	3.49		
Toluene*	<0.050	0.050	03/03/2025	ND	2.21	110	2.00	1.48		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.22	111	2.00	1.40		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.86	114	6.00	1.07		
Total BTX	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/28/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	208	104	200	2.61	
DRO >C10-C28*	63.4	10.0	02/28/2025	ND	204	102	200	2.05	
EXT DRO >C28-C36	11.3	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 87.8 % 71.8-148

Surrogate: 1-Chlorooctadecane 87.4 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 75 @ 1' (H251159-26)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2025	ND	1.96	97.8	2.00	3.49		
Toluene*	<0.050	0.050	03/03/2025	ND	2.21	110	2.00	1.48		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.22	111	2.00	1.40		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.86	114	6.00	1.07		
Total BTX	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/28/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	208	104	200	2.61	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	204	102	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 90.2 % 71.8-148

Surrogate: 1-Chlorooctadecane 91.5 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 76 @ 1' (H251159-27)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2025	ND	1.96	97.8	2.00	3.49		
Toluene*	<0.050	0.050	03/03/2025	ND	2.21	110	2.00	1.48		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.22	111	2.00	1.40		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.86	114	6.00	1.07		
Total BTX	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/28/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	208	104	200	2.61	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	204	102	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 89.7 % 71.8-148

Surrogate: 1-Chlorooctadecane 88.6 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 77 @ 1' (H251159-28)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2025	ND	1.96	97.8	2.00	3.49		
Toluene*	<0.050	0.050	03/03/2025	ND	2.21	110	2.00	1.48		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.22	111	2.00	1.40		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.86	114	6.00	1.07		
Total BTX	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	02/28/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	208	104	200	2.61	
DRO >C10-C28*	39.3	10.0	02/28/2025	ND	204	102	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 90.5 % 71.8-148

Surrogate: 1-Chlorooctadecane 90.5 % 63.9-155

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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: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 78 @ 1' (H251159-29)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2025	ND	1.96	97.8	2.00	3.49		
Toluene*	<0.050	0.050	03/03/2025	ND	2.21	110	2.00	1.48		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.22	111	2.00	1.40		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.86	114	6.00	1.07		
Total BTX	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/28/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	208	104	200	2.61	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	204	102	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 81.2 % 71.8-148

Surrogate: 1-Chlorooctadecane 81.8 % 63.9-155

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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: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 79 @ 1' (H251159-30)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2025	ND	1.96	97.8	2.00	3.49		
Toluene*	<0.050	0.050	03/03/2025	ND	2.21	110	2.00	1.48		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.22	111	2.00	1.40		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.86	114	6.00	1.07		
Total BTX	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/28/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/01/2025	ND	208	104	200	2.61	
DRO >C10-C28*	<10.0	10.0	03/01/2025	ND	204	102	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	03/01/2025	ND					

Surrogate: 1-Chlorooctane 86.7 % 71.8-148

Surrogate: 1-Chlorooctadecane 82.9 % 63.9-155

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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: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 80 @ 1' (H251159-31)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2025	ND	1.96	97.8	2.00	3.49		
Toluene*	<0.050	0.050	03/03/2025	ND	2.21	110	2.00	1.48		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.22	111	2.00	1.40		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.86	114	6.00	1.07		
Total BTX	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/28/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/01/2025	ND	208	104	200	2.61	
DRO >C10-C28*	<10.0	10.0	03/01/2025	ND	204	102	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	03/01/2025	ND					

Surrogate: 1-Chlorooctane 94.6 % 71.8-148

Surrogate: 1-Chlorooctadecane 93.2 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 81 @ 2.5' (H251159-32)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2025	ND	1.96	97.8	2.00	3.49		
Toluene*	<0.050	0.050	03/03/2025	ND	2.21	110	2.00	1.48		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.22	111	2.00	1.40		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.86	114	6.00	1.07		
Total BTEx	<0.300	0.300	03/03/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/28/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	218	109	200	0.709	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	222	111	200	0.289	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 89.4 % 71.8-148

Surrogate: 1-Chlorooctadecane 92.1 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 82 @ 2.5' (H251159-33)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2025	ND	1.96	97.8	2.00	3.49		
Toluene*	<0.050	0.050	03/03/2025	ND	2.21	110	2.00	1.48		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.22	111	2.00	1.40		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.86	114	6.00	1.07		
Total BTX	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/28/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	218	109	200	0.709	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	222	111	200	0.289	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 102 % 71.8-148

Surrogate: 1-Chlorooctadecane 105 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 83 @ 2.5' (H251159-34)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2025	ND	1.96	97.8	2.00	3.49		
Toluene*	<0.050	0.050	03/03/2025	ND	2.21	110	2.00	1.48		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.22	111	2.00	1.40		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.86	114	6.00	1.07		
Total BTEx	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/28/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	218	109	200	0.709	
DRO >C10-C28*	153	10.0	02/28/2025	ND	222	111	200	0.289	
EXT DRO >C28-C36	76.7	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 90.0 % 71.8-148

Surrogate: 1-Chlorooctadecane 92.3 % 63.9-155

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Analytical Results For:

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

Received: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 84 @ 2.5' (H251159-35)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	ND	1.96	97.8	2.00	3.49	
Toluene*	<0.050	0.050	03/03/2025	ND	2.21	110	2.00	1.48	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.22	111	2.00	1.40	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.86	114	6.00	1.07	
Total BTX	<0.300	0.300	03/03/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/28/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	218	109	200	0.709	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	222	111	200	0.289	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 99.8 % 71.8-148

Surrogate: 1-Chlorooctadecane 104 % 63.9-155

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Analytical Results For:

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

Received: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 85 @ 2.5' (H251159-36)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2025	ND	1.96	97.8	2.00	3.49		
Toluene*	<0.050	0.050	03/03/2025	ND	2.21	110	2.00	1.48		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.22	111	2.00	1.40		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.86	114	6.00	1.07		
Total BTEx	<0.300	0.300	03/03/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	02/28/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	218	109	200	0.709	
DRO >C10-C28*	17.0	10.0	02/28/2025	ND	222	111	200	0.289	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 97.3 % 71.8-148

Surrogate: 1-Chlorooctadecane 99.0 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 86 @ 5' (H251159-37)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2025	ND	1.96	97.8	2.00	3.49		
Toluene*	<0.050	0.050	03/03/2025	ND	2.21	110	2.00	1.48		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.22	111	2.00	1.40		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.86	114	6.00	1.07		
Total BTX	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/28/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	218	109	200	0.709	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	222	111	200	0.289	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 97.2 % 71.8-148

Surrogate: 1-Chlorooctadecane 99.8 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 87 @ 5' (H251159-38)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2025	ND	1.96	97.8	2.00	3.49		
Toluene*	<0.050	0.050	03/03/2025	ND	2.21	110	2.00	1.48		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.22	111	2.00	1.40		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.86	114	6.00	1.07		
Total BTX	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/28/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	218	109	200	0.709	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	222	111	200	0.289	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 98.4 % 71.8-148

Surrogate: 1-Chlorooctadecane 102 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 88 @ 5' (H251159-39)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2025	ND	1.96	97.8	2.00	3.49		
Toluene*	<0.050	0.050	03/03/2025	ND	2.21	110	2.00	1.48		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.22	111	2.00	1.40		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.86	114	6.00	1.07		
Total BTX	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/28/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	218	109	200	0.709	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	222	111	200	0.289	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 83.7 % 71.8-148

Surrogate: 1-Chlorooctadecane 86.9 % 63.9-155

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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: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 89 @ 5' (H251159-40)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2025	ND	1.96	97.8	2.00	3.49		
Toluene*	<0.050	0.050	03/03/2025	ND	2.21	110	2.00	1.48		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.22	111	2.00	1.40		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.86	114	6.00	1.07		
Total BTX	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/28/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	218	109	200	0.709	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	222	111	200	0.289	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 84.3 % 71.8-148

Surrogate: 1-Chlorooctadecane 86.4 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 90 @ 5' (H251159-41)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2025	ND	1.83	91.5	2.00	1.18		
Toluene*	<0.050	0.050	03/03/2025	ND	1.94	96.8	2.00	1.43		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	1.42		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.14	102	6.00	5.18		
Total BTX	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/28/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	218	109	200	0.709	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	222	111	200	0.289	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 87.8 % 71.8-148

Surrogate: 1-Chlorooctadecane 89.0 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 91 @ 5' (H251159-42)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2025	ND	1.83	91.5	2.00	1.18		
Toluene*	<0.050	0.050	03/03/2025	ND	1.94	96.8	2.00	1.43		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	1.42		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.14	102	6.00	5.18		
Total BTX	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/28/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	218	109	200	0.709	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	222	111	200	0.289	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 95.4 % 71.8-148

Surrogate: 1-Chlorooctadecane 98.0 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 92 @ 5' (H251159-43)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2025	ND	1.83	91.5	2.00	1.18		
Toluene*	<0.050	0.050	03/03/2025	ND	1.94	96.8	2.00	1.43		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	1.42		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.14	102	6.00	5.18		
Total BTX	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/28/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	218	109	200	0.709	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	222	111	200	0.289	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 90.6 % 71.8-148

Surrogate: 1-Chlorooctadecane 91.2 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 93 @ 5' (H251159-44)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2025	ND	1.83	91.5	2.00	1.18		
Toluene*	<0.050	0.050	03/03/2025	ND	1.94	96.8	2.00	1.43		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	1.42		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.14	102	6.00	5.18		
Total BTX	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/28/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	218	109	200	0.709	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	222	111	200	0.289	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 94.5 % 71.8-148

Surrogate: 1-Chlorooctadecane 95.0 % 63.9-155

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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: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 94 @ 5' (H251159-45)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	ND	1.83	91.5	2.00	1.18	
Toluene*	<0.050	0.050	03/03/2025	ND	1.94	96.8	2.00	1.43	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	1.42	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.14	102	6.00	5.18	
Total BTX	<0.300	0.300	03/03/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/28/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	218	109	200	0.709	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	222	111	200	0.289	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 86.0 % 71.8-148

Surrogate: 1-Chlorooctadecane 87.0 % 63.9-155

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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: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 95 @ 5' (H251159-46)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	ND	1.83	91.5	2.00	1.18	
Toluene*	<0.050	0.050	03/03/2025	ND	1.94	96.8	2.00	1.43	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	1.42	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.14	102	6.00	5.18	
Total BTX	<0.300	0.300	03/03/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/28/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	218	109	200	0.709	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	222	111	200	0.289	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 91.6 % 71.8-148

Surrogate: 1-Chlorooctadecane 93.5 % 63.9-155

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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: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 96 @ 5' (H251159-47)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	ND	1.83	91.5	2.00	1.18	
Toluene*	<0.050	0.050	03/03/2025	ND	1.94	96.8	2.00	1.43	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	1.42	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.14	102	6.00	5.18	
Total BTX	<0.300	0.300	03/03/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/28/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/01/2025	ND	218	109	200	0.709	
DRO >C10-C28*	<10.0	10.0	03/01/2025	ND	222	111	200	0.289	
EXT DRO >C28-C36	<10.0	10.0	03/01/2025	ND					

Surrogate: 1-Chlorooctane 90.8 % 71.8-148

Surrogate: 1-Chlorooctadecane 92.1 % 63.9-155

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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: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 97 @ 5' (H251159-48)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2025	ND	1.83	91.5	2.00	1.18		
Toluene*	<0.050	0.050	03/03/2025	ND	1.94	96.8	2.00	1.43		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	1.42		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.14	102	6.00	5.18		
Total BTEx	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/28/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/01/2025	ND	218	109	200	0.709	
DRO >C10-C28*	<10.0	10.0	03/01/2025	ND	222	111	200	0.289	
EXT DRO >C28-C36	<10.0	10.0	03/01/2025	ND					

Surrogate: 1-Chlorooctane 94.4 % 71.8-148

Surrogate: 1-Chlorooctadecane 96.9 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 98 @ 10' (H251159-49)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	ND	1.83	91.5	2.00	1.18	
Toluene*	<0.050	0.050	03/03/2025	ND	1.94	96.8	2.00	1.43	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	1.42	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.14	102	6.00	5.18	
Total BTX	<0.300	0.300	03/03/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/28/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/01/2025	ND	218	109	200	0.709	
DRO >C10-C28*	<10.0	10.0	03/01/2025	ND	222	111	200	0.289	
EXT DRO >C28-C36	<10.0	10.0	03/01/2025	ND					

Surrogate: 1-Chlorooctane 94.7 % 71.8-148

Surrogate: 1-Chlorooctadecane 96.8 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 99 @ 10' (H251159-50)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2025	ND	1.83	91.5	2.00	1.18		
Toluene*	<0.050	0.050	03/03/2025	ND	1.94	96.8	2.00	1.43		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	1.42		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.14	102	6.00	5.18		
Total BTX	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/28/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/01/2025	ND	218	109	200	0.709	
DRO >C10-C28*	<10.0	10.0	03/01/2025	ND	222	111	200	0.289	
EXT DRO >C28-C36	<10.0	10.0	03/01/2025	ND					

Surrogate: 1-Chlorooctane 95.8 % 71.8-148

Surrogate: 1-Chlorooctadecane 97.3 % 63.9-155

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Analytical Results For:

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

Received: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 100 @ 10' (H251159-51)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2025	ND	1.83	91.5	2.00	1.18		
Toluene*	<0.050	0.050	03/03/2025	ND	1.94	96.8	2.00	1.43		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	1.42		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.14	102	6.00	5.18		
Total BTX	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/28/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/01/2025	ND	218	109	200	0.709	
DRO >C10-C28*	<10.0	10.0	03/01/2025	ND	222	111	200	0.289	
EXT DRO >C28-C36	<10.0	10.0	03/01/2025	ND					

Surrogate: 1-Chlorooctane 82.3 % 71.8-148

Surrogate: 1-Chlorooctadecane 83.6 % 63.9-155

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Analytical Results For:

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

Received: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 101 @ 10' (H251159-52)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2025	ND	1.83	91.5	2.00	1.18		
Toluene*	<0.050	0.050	03/03/2025	ND	1.94	96.8	2.00	1.43		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	1.42		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.14	102	6.00	5.18		
Total BTX	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/28/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	215	107	200	1.33	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	203	101	200	0.407	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					

Surrogate: 1-Chlorooctane 87.0 % 71.8-148

Surrogate: 1-Chlorooctadecane 79.8 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 102 @ 10' (H251159-53)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2025	ND	1.83	91.5	2.00	1.18		
Toluene*	<0.050	0.050	03/03/2025	ND	1.94	96.8	2.00	1.43		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	1.42		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.14	102	6.00	5.18		
Total BTEx	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/28/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	215	107	200	1.33	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	203	101	200	0.407	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					

Surrogate: 1-Chlorooctane 85.5 % 71.8-148

Surrogate: 1-Chlorooctadecane 78.7 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 103 @ 10' (H251159-54)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2025	ND	1.83	91.5	2.00	1.18		
Toluene*	<0.050	0.050	03/03/2025	ND	1.94	96.8	2.00	1.43		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	1.42		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.14	102	6.00	5.18		
Total BTX	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/28/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	215	107	200	1.33	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	203	101	200	0.407	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					

Surrogate: 1-Chlorooctane 84.3 % 71.8-148

Surrogate: 1-Chlorooctadecane 76.8 % 63.9-155

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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: 02/26/2025
 Reported: 03/04/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: W - 69 (H251159-55)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	ND	1.83	91.5	2.00	1.18	
Toluene*	<0.050	0.050	03/03/2025	ND	1.94	96.8	2.00	1.43	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	1.42	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.14	102	6.00	5.18	
Total BTEX	<0.300	0.300	03/03/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	02/28/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	215	107	200	1.33	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	203	101	200	0.407	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					

Surrogate: 1-Chlorooctane 80.8 % 71.8-148

Surrogate: 1-Chlorooctadecane 72.7 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



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101 E+A10+A1:AE30

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 6

Company Name: Tasman Geosciences				BILL TO				ANALYSIS REQUEST																			
Project Manager: Kyle Norman				P.O. #:				<div style="display: flex; flex-direction: column; align-items: center;"> <div>TPH 8015 Ext</div> <div>BTEX</div> <div>Chlorides</div> <div>Hold</div> <div>24-hr Rush</div> </div>																			
Address: 2620 W. Marland Blvd.				Company: Tasman Geo																							
City: Hobbs State: NM Zip: 88240				Attn: Kyle Norman																							
Phone #: 575-318-5017 Fax #:				Address: 2620 W. Marland																							
Project #:				City: Hobbs																							
Project Name: 8149-C-23-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.	(GRAB OR C/COMP.)	# CONTAINERS	MATRIX					PRESERV.	SAMPLING																	
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME													
H251159	FL-50@1'	1			X					X			2/2/25	8:57	X	X	X										
1	FL-51@1'	1			X					X				8:58	X	X	X										
2	FL-52@1'	1			X					X				8:59	X	X	X										
3	FL-53@1'	1			X					X				9:00	X	X	X										
4	FL-54@1'	1			X					X				9:02	X	X	X										
5	FL-55@1'	1			X					X				9:03	X	X	X										
6	FL-56@1'	1			X					X				9:03	X	X	X										
7	FL-57@1'	1			X					X				9:05	X	X	X										
8	FL-58@1'	1			X					X				9:05	X	X	X										
9	FL-59@1'	1			X					X				9:05	X	X	X										
10	FL-59@1'	1			X					X				9:05	X	X	X										

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries 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: 2-24-25 Time: 1:27	Received By:	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #: Add'l Fax #:
Relinquished By:	Date: Time:	Received By:	REMARKS: email results: NMDData@tasman-geo.com; Stephen.Weathers@966.com bbastos@tasman-geo bdermis@tasman-geo Knorman@tasman-geo	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: 2-12/CAD-B- DUJ #140	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No	CHECKED BY: (Initials) 		

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



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2 of 6

Company Name: Tasman Geosciences				BILL TO				ANALYSIS REQUEST																			
Project Manager: Kyle Norman				P.O. #:				<div style="display: flex; flex-direction: column; align-items: center;"> <div>TPH 8015 Ext</div> <div>BTEX</div> <div>Chlorides</div> <div>Hold</div> <div>24-hr Rush</div> </div>																			
Address: 2620 W. Marland Blvd.				Company: Tasman Geo																							
City: Hobbs State: NM Zip: 88240				Attn: Kyle Norman																							
Phone #: 575-318-5017 Fax #:				Address: 2620 W. Marland																							
Project #: Project Owner: DCP Operating Company				City: Hobbs																							
Project Name: 8149 - C-23 - 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.	(GIRAB OR C/COMP)	# CONTAINERS	MATRIX					PRESERV.			SAMPLING															
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME													
H051159																											
11	FL-60 @ 1'	1		X						X			7/26/05	09:43	X	X	X										
12	FL-61 @ 1'	1		X						X				09:44	X	X	A										
13	FL-62 @ 1'	1		X						X				09:45	X	X	X										
14	FL-63 @ 1'	1		X						X				09:46	X	X	X										
15	FL-64 @ 1'	1		X						X				09:48	X	X	X										
16	FL-65 @ 1'	1		X						X				09:51	X	X	X										
17	FL-66 @ 1'	1		X						X				09:52	X	X	X										
18	FL-67 @ 1'	1		X						X				09:53	X	X	X										
19	FL-68 @ 1'	1		X						X				09:53	X	X	X										
20	FL-69 @ 1'	1		X						X				09:55	X	X	X										

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Relinquished By:	Date: 7/26/05 Time: 10:27	Received By:	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Date:	Received By:	Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other: 0-12 / C-03-2 0-42 / #140			REMARKS: email results: NMDData@tasman-geo.com; Stephen. weathers @ P66.com bbastos @ tasman-geo bdennis @ tasman-geo Knorman @ tasman-geo	
Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials) 		

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



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

3 of 6

Company Name: Tasman Geosciences				BILL TO				ANALYSIS REQUEST											
Project Manager: Kyle Norman				P.O. #:				<div style="display: flex; flex-direction: column; align-items: center;"> <div>TPH 8015 Ext</div> <div>BTEX</div> <div>Chlorides</div> <div>Hold</div> <div>24-hr Rush</div> </div>											
Address: 2620 W. Marland Blvd.				Company: Tasman Geo															
City: Hobbs State: NM Zip: 88240				Attn: Kyle Norman															
Phone #: 575-318-5017 Fax #:				Address: 2620 W. Marland															
Project #: Project Owner: DCP Operating Company				City: Hobbs															
Project Name: 8149-C-23-LINE-LEAK				State: NM Zip: 88240															
Project Location:				Phone #: 575-318-5017															
Sampler Name: BRIAN BASTOS				Fax #:															
FOR LAB USE ONLY																			
Lab I.D.	Sample I.D.	(GRAB OR C/COMP)	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME											
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER							
H257159																			
31	FL-70 @ 1'	1		X						X									
32	FL-71 @ 1'	1		X						X									
33	FL-72 @ 1'	1		X						X									
34	FL-73 @ 1'	1		X						X									
35	FL-74 @ 1'	1		X						X									
36	FL-75 @ 1'	1		X						X									
37	FL-76 @ 1'	1		X						X									
38	FL-77 @ 1'	1		X						X									
39	FL-78 @ 1'	1		X						X									
30	FL-79 @ 1'	1		X						X									

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Relinquished By:	Date: 2/20/25 Time: 1:47	Received By:	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Date:	Received By:	Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other: 0.12 / C40-3C 0.42 / #140			REMARKS: email results: NMDData@tasman-geo.com; Stephen. weathers @ PG6. com bbastos @ tasman-geo.com bdennis @ tasman-geo.com K norman @ tasman-geo	
Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials) 		

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

4 of 6

Company Name: Tasman Geosciences				BILL TO				ANALYSIS REQUEST																			
Project Manager: Kyle Norman				P.O. #:				<div style="display: flex; flex-direction: column; align-items: center;"> <div>TPH 8015 Ext</div> <div>BTEX</div> <div>Chlorides</div> <div>Hold</div> <div>24-hr Rush</div> </div>																			
Address: 2620 W. Marland Blvd.				Company: Tasman Geo																							
City: Hobbs State: NM Zip: 88240				Attn: Kyle Norman																							
Phone #: 575-318-5017 Fax #:				Address: 2620 W. Marland																							
Project #: Project Owner: DCP Operating Company				City: Hobbs																							
Project Name: 8149-C-23. 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.	(GRAB OR C/COMP)	# CONTAINERS	MATRIX					PRESERV.			SAMPLING															
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME													
H257159																											
31	FL-80 @ 1'		1		X					X			2/26/85	10:59	X	X	X										
32	FL-81 @ 2.5'		1		X					X				11:31	X	X	X										
33	FL-82 @ 2.5'		1		X					X				11:32	X	X	X										
34	FL-83 @ 2.5'		1		X					X				11:33	X	X	X										
35	FL-84 @ 2.5'		1		X					X				11:34	X	X	X										
36	FL-85 @ 2.5'		1		X					X				11:35	X	X	X										
37	FL-86 @ 5'		1		X					X				13:58	X	X	X										
38	FL-87 @ 5'		1		X					X				13:57	X	X	X										
39	FL-88 @ 5'		1		X					X				13:56	X	X	X										
40	FL-89 @ 5'		1		X					X				13:53	X	X	X										

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Relinquished By:	Date: 5-8-025	Received By:	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Date:	Received By:	Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other: 0-12 / G-32 0-42 / #140	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) AP	REMARKS: email results: NMDData@tasman-geo.com; Stephen, weathers @ P66.com bbastos @ tasman-geo bdennis @ tasman-geo Knorman @ tasman-geo	

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

S of 6

Company Name: Tasman Geosciences										BILL TO		ANALYSIS REQUEST												
Project Manager: Kyle Norman										P.O. #:		<div style="display: flex; flex-direction: column; align-items: center;"> <div>TPH 8015 Ext</div> <div>BTEX</div> <div>Chlorides</div> <div>Hold</div> <div>24-hr Rush</div> </div>												
Address: 2620 W. Marland Blvd.										Company: Tasman Geo														
City: Hobbs State: NM Zip: 88240										Attn: Kyle Norman														
Phone #: 575-318-5017 Fax #:										Address: 2620 W. Marland														
Project #: Project Owner: DCP Operating Company										City: Hobbs														
Project Name: 8149-C-23-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.	(GRAB OR C/COMP)	# CONTAINERS	MATRIX				PRESERV.		SAMPLING														
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME										
H251159	FL-90@5'	1			X					X			2/26/25	13:52	X	X	X							
42	FL-91@5'	1			X					X				13:50	X	X	X							
43	FL-92@5'	1			X					X				14:13:49	X	X	X							
44	FL-93@5'	1			X					X				13:48	X	X	X							
45	FL-94@5'	1			X					X				13:45	X	X	X							
46	FL-95@5'	1			X					X				13:32	X	X	X							
47	FL-96@5'	1			X					X				13:30	X	X	X							
48	FL-97@5'	1			X					X				13:29	X	X	X							
49	FL-98@10'	1			X					X				14:05	X	X	X							
50	FL-99@10'	1			X					X				14:06	X	X	X							

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Relinquished By:	Date: 2-26-25	Received By:	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
	Time: 10:27		Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:		email results: NMDData@tasman-geo.com; Stephen. weathers@pl66.com bbastos@tasman-geo bdennis@tasman-geo k norman@tasman-geo	
Delivered By: (Circle One)	0-12 / C40-32	Sample Condition	CHECKED BY:	
Sampler - UPS - Bus - Other:	0-42 / #140	Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	(Initials) AP	

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

6 of 6

Company Name: Tasman Geosciences		BILL TO		ANALYSIS REQUEST																					
Project Manager: Kyle Norman		P.O. #:		<div style="display: flex; justify-content: space-around;"> <div>TPH 8015 Ext</div> <div>BTEX</div> <div>Chlorides</div> <div>Hold</div> <div>24-hr Rush</div> </div>																					
Address: 2620 W. Marland Blvd.		Company: Tasman Geo																							
City: Hobbs State: NM Zip: 88240		Attn: Kyle Norman																							
Phone #: 575-318-5017 Fax #:		Address: 2620 W. Marland																							
Project #:		City: Hobbs																							
Project Name: 8149-C-23-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	MATRIX				PRESERV.	SAMPLING																
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME											
4571159	FL-100 @ 10'		1		X					X			2/24/25	14:08	X	X	X								
52	FL-101 @ 10'		1		X					X				14:09	X	X	X								
53	FL-102 @ 10'		1		X					X				14:10	X	X	X								
54	FL-103 @ 10'		1		X					X				14:11	X	X	X								
55	W-6a		1		X					X				13:04	X	X	X								

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Relinquished By:	Date: 2/24/25 Time: 11:09	Received By:	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Date:	Received By:	Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other: 0.1- / C+D-3- 0.4- / #140			REMARKS: email results: NMDData@tasman-geo.com; Stephen.weathers@R66.com bbrasos@tasman-geo bdennis@tasman-geo knorman@tasman-geo	
Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			CHECKED BY: (Initials) AP	

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



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

March 05, 2025

KYLE NORMAN

TASMAN GEOSCIENCES

6899 PECOS ST. UNIT C

DENVER, CO 80221

RE: 8149_ C-23 LINE_ LEAK

Enclosed are the results of analyses for samples received by the laboratory on 02/27/25 14:58.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/27/2025
 Reported: 03/05/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: FL - 104 @ 5' (H251200-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/04/2025	ND	1.91	95.7	2.00	1.77	
Toluene*	<0.050	0.050	03/04/2025	ND	2.12	106	2.00	2.24	
Ethylbenzene*	<0.050	0.050	03/04/2025	ND	2.33	116	2.00	1.83	
Total Xylenes*	<0.150	0.150	03/04/2025	ND	7.24	121	6.00	1.49	
Total BTX	<0.300	0.300	03/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 133 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/03/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	197	98.6	200	3.33	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	187	93.4	200	3.20	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					

Surrogate: 1-Chlorooctane 98.6 % 71.8-148

Surrogate: 1-Chlorooctadecane 88.6 % 63.9-155

Cardinal Laboratories

*=Accredited Analyte

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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: 02/27/2025
 Reported: 03/05/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: FL - 105 @ 5' (H251200-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/04/2025	ND	1.91	95.7	2.00	1.77		
Toluene*	<0.050	0.050	03/04/2025	ND	2.12	106	2.00	2.24		
Ethylbenzene*	<0.050	0.050	03/04/2025	ND	2.33	116	2.00	1.83		
Total Xylenes*	<0.150	0.150	03/04/2025	ND	7.24	121	6.00	1.49		
Total BTEX	<0.300	0.300	03/04/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	03/03/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	197	98.6	200	3.33	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	187	93.4	200	3.20	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					

Surrogate: 1-Chlorooctane 90.5 % 71.8-148

Surrogate: 1-Chlorooctadecane 81.4 % 63.9-155

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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: 02/27/2025
 Reported: 03/05/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: FL - 106 @ 5' (H251200-03)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/04/2025	ND	1.91	95.7	2.00	1.77		
Toluene*	<0.050	0.050	03/04/2025	ND	2.12	106	2.00	2.24		
Ethylbenzene*	<0.050	0.050	03/04/2025	ND	2.33	116	2.00	1.83		
Total Xylenes*	<0.150	0.150	03/04/2025	ND	7.24	121	6.00	1.49		
Total BTX	<0.300	0.300	03/04/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 131 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/03/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	197	98.6	200	3.33	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	187	93.4	200	3.20	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					

Surrogate: 1-Chlorooctane 93.2 % 71.8-148

Surrogate: 1-Chlorooctadecane 84.7 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 03/05/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: FL - 107 @ 5' (H251200-04)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/04/2025	ND	1.91	95.7	2.00	1.77		
Toluene*	<0.050	0.050	03/04/2025	ND	2.12	106	2.00	2.24		
Ethylbenzene*	<0.050	0.050	03/04/2025	ND	2.33	116	2.00	1.83		
Total Xylenes*	<0.150	0.150	03/04/2025	ND	7.24	121	6.00	1.49		
Total BTX	<0.300	0.300	03/04/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/03/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	197	98.6	200	3.33	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	187	93.4	200	3.20	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					

Surrogate: 1-Chlorooctane 98.9 % 71.8-148

Surrogate: 1-Chlorooctadecane 89.5 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 03/05/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: FL - 108 @ 5' (H251200-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/04/2025	ND	1.91	95.7	2.00	1.77		
Toluene*	<0.050	0.050	03/04/2025	ND	2.12	106	2.00	2.24		
Ethylbenzene*	<0.050	0.050	03/04/2025	ND	2.33	116	2.00	1.83		
Total Xylenes*	<0.150	0.150	03/04/2025	ND	7.24	121	6.00	1.49		
Total BTEx	<0.300	0.300	03/04/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 128 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/03/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	197	98.6	200	3.33	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	187	93.4	200	3.20	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					

Surrogate: 1-Chlorooctane 86.1 % 71.8-148

Surrogate: 1-Chlorooctadecane 76.7 % 63.9-155

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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: 02/27/2025
 Reported: 03/05/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: FL - 109 @ 5' (H251200-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/04/2025	ND	1.91	95.7	2.00	1.77		
Toluene*	<0.050	0.050	03/04/2025	ND	2.12	106	2.00	2.24		
Ethylbenzene*	<0.050	0.050	03/04/2025	ND	2.33	116	2.00	1.83		
Total Xylenes*	<0.150	0.150	03/04/2025	ND	7.24	121	6.00	1.49		
Total BTEx	<0.300	0.300	03/04/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/03/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	197	98.6	200	3.33	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	187	93.4	200	3.20	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					

Surrogate: 1-Chlorooctane 92.3 % 71.8-148

Surrogate: 1-Chlorooctadecane 84.4 % 63.9-155

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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: 02/27/2025
 Reported: 03/05/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: FL - 110 @ 5' (H251200-07)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/04/2025	ND	1.91	95.7	2.00	1.77		
Toluene*	<0.050	0.050	03/04/2025	ND	2.12	106	2.00	2.24		
Ethylbenzene*	<0.050	0.050	03/04/2025	ND	2.33	116	2.00	1.83		
Total Xylenes*	<0.150	0.150	03/04/2025	ND	7.24	121	6.00	1.49		
Total BTX	<0.300	0.300	03/04/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/03/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	197	98.3	200	2.95	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	199	99.7	200	3.76	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					

Surrogate: 1-Chlorooctane 101 % 71.8-148

Surrogate: 1-Chlorooctadecane 105 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 03/05/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: FL - 111 @ 5' (H251200-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/04/2025	ND	1.91	95.7	2.00	1.77		
Toluene*	<0.050	0.050	03/04/2025	ND	2.12	106	2.00	2.24		
Ethylbenzene*	<0.050	0.050	03/04/2025	ND	2.33	116	2.00	1.83		
Total Xylenes*	<0.150	0.150	03/04/2025	ND	7.24	121	6.00	1.49		
Total BTEx	<0.300	0.300	03/04/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 128 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	03/03/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	197	98.3	200	2.95	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	199	99.7	200	3.76	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					

Surrogate: 1-Chlorooctane 102 % 71.8-148

Surrogate: 1-Chlorooctadecane 106 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 03/05/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: FL - 112 @ 5' (H251200-09)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/04/2025	ND	1.91	95.7	2.00	1.77		
Toluene*	<0.050	0.050	03/04/2025	ND	2.12	106	2.00	2.24		
Ethylbenzene*	<0.050	0.050	03/04/2025	ND	2.33	116	2.00	1.83		
Total Xylenes*	<0.150	0.150	03/04/2025	ND	7.24	121	6.00	1.49		
Total BTX	<0.300	0.300	03/04/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 129 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/03/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	197	98.3	200	2.95	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	199	99.7	200	3.76	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					

Surrogate: 1-Chlorooctane 105 % 71.8-148

Surrogate: 1-Chlorooctadecane 109 % 63.9-155

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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: 02/27/2025
 Reported: 03/05/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: FL - 113 @ 5' (H251200-10)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/04/2025	ND	1.91	95.7	2.00	1.77		
Toluene*	<0.050	0.050	03/04/2025	ND	2.12	106	2.00	2.24		
Ethylbenzene*	<0.050	0.050	03/04/2025	ND	2.33	116	2.00	1.83		
Total Xylenes*	<0.150	0.150	03/04/2025	ND	7.24	121	6.00	1.49		
Total BTX	<0.300	0.300	03/04/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 128 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	03/03/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	197	98.3	200	2.95	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	199	99.7	200	3.76	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					

Surrogate: 1-Chlorooctane 107 % 71.8-148

Surrogate: 1-Chlorooctadecane 111 % 63.9-155

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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: 02/27/2025
 Reported: 03/05/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: FL - 114 @ 5' (H251200-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/04/2025	ND	1.91	95.7	2.00	1.77		
Toluene*	<0.050	0.050	03/04/2025	ND	2.12	106	2.00	2.24		
Ethylbenzene*	<0.050	0.050	03/04/2025	ND	2.33	116	2.00	1.83		
Total Xylenes*	<0.150	0.150	03/04/2025	ND	7.24	121	6.00	1.49		
Total BTEx	<0.300	0.300	03/04/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 126 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/03/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	197	98.3	200	2.95	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	199	99.7	200	3.76	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					

Surrogate: 1-Chlorooctane 102 % 71.8-148

Surrogate: 1-Chlorooctadecane 106 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 03/05/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: FL - 115 @ 1' (H251200-12)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/04/2025	ND	1.91	95.7	2.00	1.77		
Toluene*	<0.050	0.050	03/04/2025	ND	2.12	106	2.00	2.24		
Ethylbenzene*	<0.050	0.050	03/04/2025	ND	2.33	116	2.00	1.83		
Total Xylenes*	<0.150	0.150	03/04/2025	ND	7.24	121	6.00	1.49		
Total BTX	<0.300	0.300	03/04/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 130 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	03/03/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	197	98.3	200	2.95	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	199	99.7	200	3.76	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					

Surrogate: 1-Chlorooctane 100 % 71.8-148

Surrogate: 1-Chlorooctadecane 104 % 63.9-155

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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: 02/27/2025
 Reported: 03/05/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: FL - 116 @ 1' (H251200-13)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/04/2025	ND	1.91	95.7	2.00	1.77		
Toluene*	<0.050	0.050	03/04/2025	ND	2.12	106	2.00	2.24		
Ethylbenzene*	<0.050	0.050	03/04/2025	ND	2.33	116	2.00	1.83		
Total Xylenes*	<0.150	0.150	03/04/2025	ND	7.24	121	6.00	1.49		
Total BTX	<0.300	0.300	03/04/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	03/03/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	197	98.3	200	2.95	
DRO >C10-C28*	27.7	10.0	03/03/2025	ND	199	99.7	200	3.76	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					

Surrogate: 1-Chlorooctane 102 % 71.8-148

Surrogate: 1-Chlorooctadecane 107 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

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





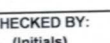
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101 E. A10 • A11 • AE30

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2022

[illegible]

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Relinquished By:		Date:	Received By:	Phone Result:	<input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
		2/27/25		Fax Result:	<input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
		Time: 14:58		REMARKS:	email results: NMDData@tasman-geo.com; Stephen.Weathers@Pdg.com bbastos@tasman-geo.com bdennis@tasman-geo.com kmorman@tasman-geo.com	
Relinquished By:		Date:	Received By:			
		Time:				
Delivered By: (Circle One)			Sample Condition	CHECKED BY: (Initials)		
Sampler - UPS - Bus - Other:			Cool Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No			
#140 3.4c 6.3 37c						

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



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March 21, 2025

KYLE NORMAN

TASMAN GEOSCIENCES

6899 PECOS ST. UNIT C

DENVER, CO 80221

RE: 8149_ C-23 LINE_ LEAK

Enclosed are the results of analyses for samples received by the laboratory on 03/17/25 12:31.

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: 03/17/2025
 Reported: 03/21/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 03/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL - 64 @ 3' (H251549-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2025	ND	2.05	103	2.00	5.88	
Toluene*	<0.050	0.050	03/18/2025	ND	2.11	105	2.00	3.72	
Ethylbenzene*	<0.050	0.050	03/18/2025	ND	2.13	106	2.00	2.56	
Total Xylenes*	<0.150	0.150	03/18/2025	ND	6.47	108	6.00	4.54	
Total BTX	<0.300	0.300	03/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	112	16.0	03/18/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2025	ND	204	102	200	1.83	
DRO >C10-C28*	49.4	10.0	03/18/2025	ND	199	99.3	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	03/18/2025	ND					

Surrogate: 1-Chlorooctane 106 % 44.4-145

Surrogate: 1-Chlorooctadecane 102 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/17/2025
 Reported: 03/21/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 03/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL - 71 @ 3' (H251549-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/18/2025	ND	2.05	103	2.00	5.88		
Toluene*	<0.050	0.050	03/18/2025	ND	2.11	105	2.00	3.72		
Ethylbenzene*	<0.050	0.050	03/18/2025	ND	2.13	106	2.00	2.56		
Total Xylenes*	<0.150	0.150	03/18/2025	ND	6.47	108	6.00	4.54		
Total BTEx	<0.300	0.300	03/18/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/18/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2025	ND	204	102	200	1.83	
DRO >C10-C28*	<10.0	10.0	03/18/2025	ND	199	99.3	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	03/18/2025	ND					

Surrogate: 1-Chlorooctane 105 % 44.4-145

Surrogate: 1-Chlorooctadecane 101 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/17/2025
 Reported: 03/21/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 03/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL - 83 @ 3.5' (H251549-03)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/18/2025	ND	2.05	103	2.00	5.88		
Toluene*	<0.050	0.050	03/18/2025	ND	2.11	105	2.00	3.72		
Ethylbenzene*	<0.050	0.050	03/18/2025	ND	2.13	106	2.00	2.56		
Total Xylenes*	<0.150	0.150	03/18/2025	ND	6.47	108	6.00	4.54		
Total BTX	<0.300	0.300	03/18/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	03/18/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2025	ND	204	102	200	1.83	
DRO >C10-C28*	28.6	10.0	03/18/2025	ND	199	99.3	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	03/18/2025	ND					

Surrogate: 1-Chlorooctane 95.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 91.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/17/2025
 Reported: 03/21/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 03/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: W - 70 (H251549-04)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2025	ND	2.05	103	2.00	5.88	
Toluene*	<0.050	0.050	03/18/2025	ND	2.11	105	2.00	3.72	
Ethylbenzene*	<0.050	0.050	03/18/2025	ND	2.13	106	2.00	2.56	
Total Xylenes*	<0.150	0.150	03/18/2025	ND	6.47	108	6.00	4.54	
Total BTEX	<0.300	0.300	03/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	192	16.0	03/18/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2025	ND	204	102	200	1.83	
DRO >C10-C28*	176	10.0	03/18/2025	ND	199	99.3	200	1.39	
EXT DRO >C28-C36	24.1	10.0	03/18/2025	ND					

Surrogate: 1-Chlorooctane 72.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 74.3 % 40.6-153

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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: 03/17/2025
 Reported: 03/21/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 03/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: W - 71 (H251549-05)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2025	ND	2.05	103	2.00	5.88	
Toluene*	<0.050	0.050	03/18/2025	ND	2.11	105	2.00	3.72	
Ethylbenzene*	<0.050	0.050	03/18/2025	ND	2.13	106	2.00	2.56	
Total Xylenes*	<0.150	0.150	03/18/2025	ND	6.47	108	6.00	4.54	
Total BTX	<0.300	0.300	03/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	672	16.0	03/18/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2025	ND	204	102	200	1.83	
DRO >C10-C28*	435	10.0	03/18/2025	ND	199	99.3	200	1.39	
EXT DRO >C28-C36	70.9	10.0	03/18/2025	ND					

Surrogate: 1-Chlorooctane 99.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 104 % 40.6-153

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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: 03/17/2025
 Reported: 03/21/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 03/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: W - 72 (H251549-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/18/2025	ND	2.05	103	2.00	5.88		
Toluene*	<0.050	0.050	03/18/2025	ND	2.11	105	2.00	3.72		
Ethylbenzene*	<0.050	0.050	03/18/2025	ND	2.13	106	2.00	2.56		
Total Xylenes*	<0.150	0.150	03/18/2025	ND	6.47	108	6.00	4.54		
Total BTEX	<0.300	0.300	03/18/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	48.0	16.0	03/18/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2025	ND	204	102	200	1.83	
DRO >C10-C28*	<10.0	10.0	03/18/2025	ND	199	99.3	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	03/18/2025	ND					

Surrogate: 1-Chlorooctane 97.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 93.9 % 40.6-153

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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: 03/17/2025
 Reported: 03/21/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 03/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: W - 73 (H251549-07)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2025	ND	2.05	103	2.00	5.88	
Toluene*	<0.050	0.050	03/18/2025	ND	2.11	105	2.00	3.72	
Ethylbenzene*	<0.050	0.050	03/18/2025	ND	2.13	106	2.00	2.56	
Total Xylenes*	<0.150	0.150	03/18/2025	ND	6.47	108	6.00	4.54	
Total BTEx	<0.300	0.300	03/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2025	ND	204	102	200	1.83	
DRO >C10-C28*	<10.0	10.0	03/18/2025	ND	199	99.3	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	03/18/2025	ND					

Surrogate: 1-Chlorooctane 93.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 88.9 % 40.6-153

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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: 03/17/2025
 Reported: 03/21/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 03/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: W - 74 (H251549-08)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2025	ND	1.94	96.9	2.00	3.37	QM-07
Toluene*	<0.050	0.050	03/18/2025	ND	2.02	101	2.00	0.920	
Ethylbenzene*	<0.050	0.050	03/18/2025	ND	2.25	113	2.00	0.599	QM-07
Total Xylenes*	<0.150	0.150	03/18/2025	ND	6.93	116	6.00	0.636	QM-07
Total BTX	<0.300	0.300	03/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/18/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2025	ND	204	102	200	1.83	
DRO >C10-C28*	39.0	10.0	03/18/2025	ND	199	99.3	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	03/18/2025	ND					

Surrogate: 1-Chlorooctane 105 % 44.4-145

Surrogate: 1-Chlorooctadecane 102 % 40.6-153

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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: 03/17/2025
 Reported: 03/21/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 03/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: W - 75 (H251549-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/18/2025	ND	1.94	96.9	2.00	3.37		
Toluene*	<0.050	0.050	03/18/2025	ND	2.02	101	2.00	0.920		
Ethylbenzene*	<0.050	0.050	03/18/2025	ND	2.25	113	2.00	0.599		
Total Xylenes*	<0.150	0.150	03/18/2025	ND	6.93	116	6.00	0.636		
Total BTEx	<0.300	0.300	03/18/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/18/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2025	ND	204	102	200	1.83	
DRO >C10-C28*	<10.0	10.0	03/18/2025	ND	199	99.3	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	03/18/2025	ND					

Surrogate: 1-Chlorooctane 100 % 44.4-145

Surrogate: 1-Chlorooctadecane 96.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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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



ARDINAL LABORATORIES
101 E+A10+A1:AE30

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Tasman Geosciences										BILL TO		ANALYSIS REQUEST														
Project Manager: Kyle Norman										P.O. #:		<div style="display: flex; flex-direction: column; align-items: center;"> <div>TPH 8015 Ext</div> <div>BTEX</div> <div>Chlorides</div> <div>Hold</div> <div>24-hr Rush</div> </div>														
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 Operating Company										City: Hobbs																
Project Name: 8149 C-23 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	MATRIX			PRESERV	SAMPLING																
						GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE	ICE / COOL	OTHER:	DATE	TIME										
H851549		FL-64@3'		1			X					X			3/17/25	8:41	X	X	X							
1		FL-71@3'		1			X					X				9:37	X	X	X							
2		FL-83@ 3.5'		1			X					X				10:04	X	X	X							
3		W-70		1			X					X				8:54	X	X	X							
4		W-71		1			X					X				8:57	X	X	X							
5		W-72		1			X					X				9:38	X	X	X							
6		W-73		1			X					X				9:40	X	X	X							
7		W-74		1			X					X				10:06	X	X	X							
8		W-75		1			X					X			↓	10:08	X	X	X							

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Relinquished By:		Date: 3/17/25 Time: 12:31	Received By:		Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
Relinquished By:		Date:	Received By:		Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		1.3: C+O-3: 2.6: #140		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) 	
REMARKS: email results: NMData@tasman-geo.com; Stephen.Weathers@P66.com Knorman@tasman-geo.com bdennis@tasman-geo.com bbastos@tasman-geo.com						

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



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

March 31, 2025

KYLE NORMAN

TASMAN GEOSCIENCES

6899 PECOS ST. UNIT C

DENVER, CO 80221

RE: 8149_ C-23 LINE_ LEAK

Enclosed are the results of analyses for samples received by the laboratory on 03/25/25 13:23.

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: 03/25/2025
 Reported: 03/31/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 03/25/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: W - 70 (H251744-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/30/2025	ND	2.10	105	2.00	3.23	
Toluene*	<0.050	0.050	03/30/2025	ND	2.18	109	2.00	1.37	
Ethylbenzene*	<0.050	0.050	03/30/2025	ND	2.38	119	2.00	2.75	
Total Xylenes*	<0.150	0.150	03/30/2025	ND	7.22	120	6.00	3.20	
Total BTX	<0.300	0.300	03/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	16.0	16.0	03/27/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2025	ND	204	102	200	1.27	
DRO >C10-C28*	<10.0	10.0	03/26/2025	ND	194	97.2	200	14.0	
EXT DRO >C28-C36	<10.0	10.0	03/26/2025	ND					

Surrogate: 1-Chlorooctane 79.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.3 % 40.6-153

Cardinal Laboratories

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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: 03/25/2025
 Reported: 03/31/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 03/25/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: W - 71 (H251744-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/30/2025	ND	2.10	105	2.00	3.23		
Toluene*	<0.050	0.050	03/30/2025	ND	2.18	109	2.00	1.37		
Ethylbenzene*	<0.050	0.050	03/30/2025	ND	2.38	119	2.00	2.75		
Total Xylenes*	<0.150	0.150	03/30/2025	ND	7.22	120	6.00	3.20		
Total BTEx	<0.300	0.300	03/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/27/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2025	ND	204	102	200	1.27	
DRO >C10-C28*	<10.0	10.0	03/26/2025	ND	194	97.2	200	14.0	
EXT DRO >C28-C36	<10.0	10.0	03/26/2025	ND					

Surrogate: 1-Chlorooctane 91.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 88.6 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/25/2025
 Reported: 03/31/2025
 Project Name: 8149_ C-23 LINE_ LEAK
 Project Number: 8149
 Project Location: DCP MIDSTREAM

Sampling Date: 03/25/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL - 117 @ 3' (H251744-03)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/30/2025	ND	2.10	105	2.00	3.23		
Toluene*	<0.050	0.050	03/30/2025	ND	2.18	109	2.00	1.37		
Ethylbenzene*	<0.050	0.050	03/30/2025	ND	2.38	119	2.00	2.75		
Total Xylenes*	<0.150	0.150	03/30/2025	ND	7.22	120	6.00	3.20		
Total BTX	<0.300	0.300	03/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/27/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2025	ND	204	102	200	1.27	
DRO >C10-C28*	<10.0	10.0	03/26/2025	ND	194	97.2	200	14.0	
EXT DRO >C28-C36	<10.0	10.0	03/26/2025	ND					

Surrogate: 1-Chlorooctane 94.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 92.1 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



ARDINAL LABORATORIES
101 E+A10+A1:AE30

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Tasman Geosciences										BILL TO		ANALYSIS REQUEST											
Project Manager: Kyle Norman										P.O. #:		<div style="display: flex; flex-direction: column; align-items: center;"> <div>TPH 8015 Ext</div> <div>BTEX</div> <div>Chlorides</div> <div>Hold</div> <div>24-hr Rush</div> </div>											
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 Operating Company										City: Hobbs													
Project Name: 8149 C-23 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.	(GRAB OR (COMP. # CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME										
14251744	W-70	1		X					X			3/25/25	916	X	X	X							
2	W-71	1		X					X			↓	928	X	X	X							
3	FL-117@ 3'	1		X					X			↓	1148	X	X	X							

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Relinquished By:	Date: 3/25/25	Received By:	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
	Time: 1323		Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:		email results: NMDData@tasman-geo.com; Stephen.Weathers@P66.com Knorman@tasman-geo.com bdennis@tasman-geo.com bbastos@tasman-geo.com	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: 1-3 C+0-3'	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) SR		

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

February 6, 2025

New Mexico Oil Conservation Division
1000 Rio Brazos Road
Aztec, New Mexico

Attn: Ms. Brittany Hall
Email: brittany.hall@emnrd.nm.gov

Re: Response to Comments and Sampling Plan
C-23 Pipeline Leak
UL "E", Section 13, Township 20 South, Range 33 East
Lea County, New Mexico
NMOCD Incident No. nAPP2424928034
Tasman Project No. 8149

Dear Ms. Hall,

Tasman, Inc. (Tasman), on behalf of DCP Operating Company (DCP), submitted a Remediation Summary and Closure Report for the C-23 Pipeline Leak (site) on December 4, 2024 summarizing remedial activities conducted at the site. A response from the New Mexico Oil Conservation Division (NMOCD) to the submitted closure request was received by DCP on December 31, 2024 denying closure request. Responses to these comments are listed below.

Meeting with NMOCD January 29, 2025

On January 29, 2025, Tasman met with Cory Smith and Michael Bratcher to discuss the C-23 Pipeline Leak. During the meeting, we reviewed our sampling plan and emphasized the importance of not exposing the buried pipeline. Both Cory and Mike expressed their support for our proposed approach and are aligned with the outlined plan.

Confirmation Sampling Deficiencies

In the December 31, 2024 response, the NMOCD pointed out multiple instances where insufficient numbers of confirmation samples were collected from the remedial excavation. Due to the site being remediated without an approved Sampling Plan or Remediation Action Plan, samples should have been collected at a frequency of one sample every 200 square feet (sq. ft.) of excavation base and sidewall area. An internal review indicates that inadequate communication between the project manager and field staff resulted in inconsistent calculations of excavation areas and subsequently insufficient numbers of confirmation samples being collected. The attached Figure 1 shows the locations of confirmation samples and remedial excavation extents.

**Sampling Notifications**

Two confirmation sampling notifications were submitted for confirmation sampling events that took place at the site. Tasman misinterpreted the confirmation sampling notification requirements, believing that multiple notifications were not needed for consecutive days of confirmation sampling. In a meeting with the NMOCD on January 29, 2025, Tasman was informed of the requirement for a separate notification for each day of confirmation sampling. Tasman recognizes the importance of the notification process and will adhere to the requirements set forth in 19.15.29.12.D.(1).(a) NMAC.

Chain of Custody Form Discrepancies

Several chain of custody forms completed by a single individual incorrectly indicated confirmation samples as grab samples. Tasman has implemented a more robust chain of custody form review process to mitigate the incorrect labeling in the future.

Sampling Plan and Variance Request

Tasman, on behalf of DCP, requests that a sampling frequency of every 400 square feet (sq. ft.) be granted for the excavations identified as Excavation #1 through Excavation #8 on the attached Figure 2. These areas contain the third-party pipeline that was being installed when DCP's C-23 pipeline was struck, resulting in the release. The approval of this variance would bring these areas into compliance without the need to expose the third-party pipeline, with the exception of Excavation #4. One additional wall sample will need to be collected from the sidewall of this excavation. Tasman will utilize the geospatially mapped excavation extents to collect a composite sample, representing approximately 400 sq. ft. from the wall between Excavation #4 and Excavation #5 using a hand auger. Sample material will be collected from five separate locations at a depth of approximately six feet, which is half the original depth of Excavation #4. The remaining areas (Excavations #9 through #14) will be excavated to their original depths and new five-point confirmation samples will be collected every 200 sq. ft. from the base of each area. Previously collected sidewall samples from these areas satisfy the 200 sq. ft. frequency.

Commencement of activities will begin within two weeks for NMOCD approval of the above Sampling Plan. Upon completion of the above proposed activities a revised Remediation Summary and Closure Report will be submitted detailing the activities at the site.



Tasman appreciates your attention to this matter. Should you require any additional information or clarification, please do not hesitate to contact either of the undersigned.

Sincerely,
Tasman, Inc.

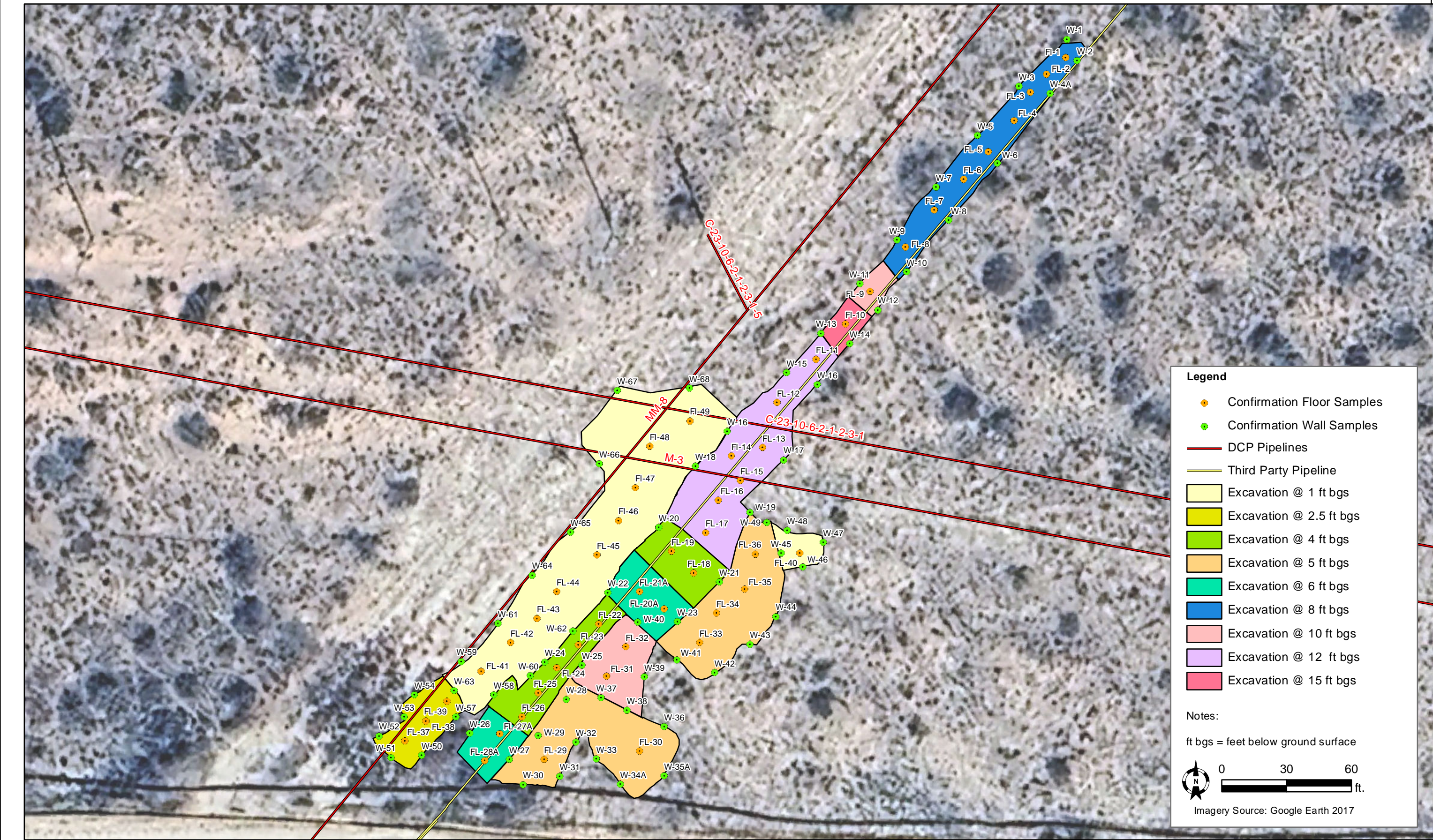
Brett Dennis
Senior Project Manager
bdennis@tasman-geo.com

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

Attachments:

Figure 1 – Excavation Overview Map

Figure 2 – Confirmation Sampling Evaluation Map



DATE:	November 2024
DESIGNED BY:	B. Martinez
DRAWN BY:	K. Stark

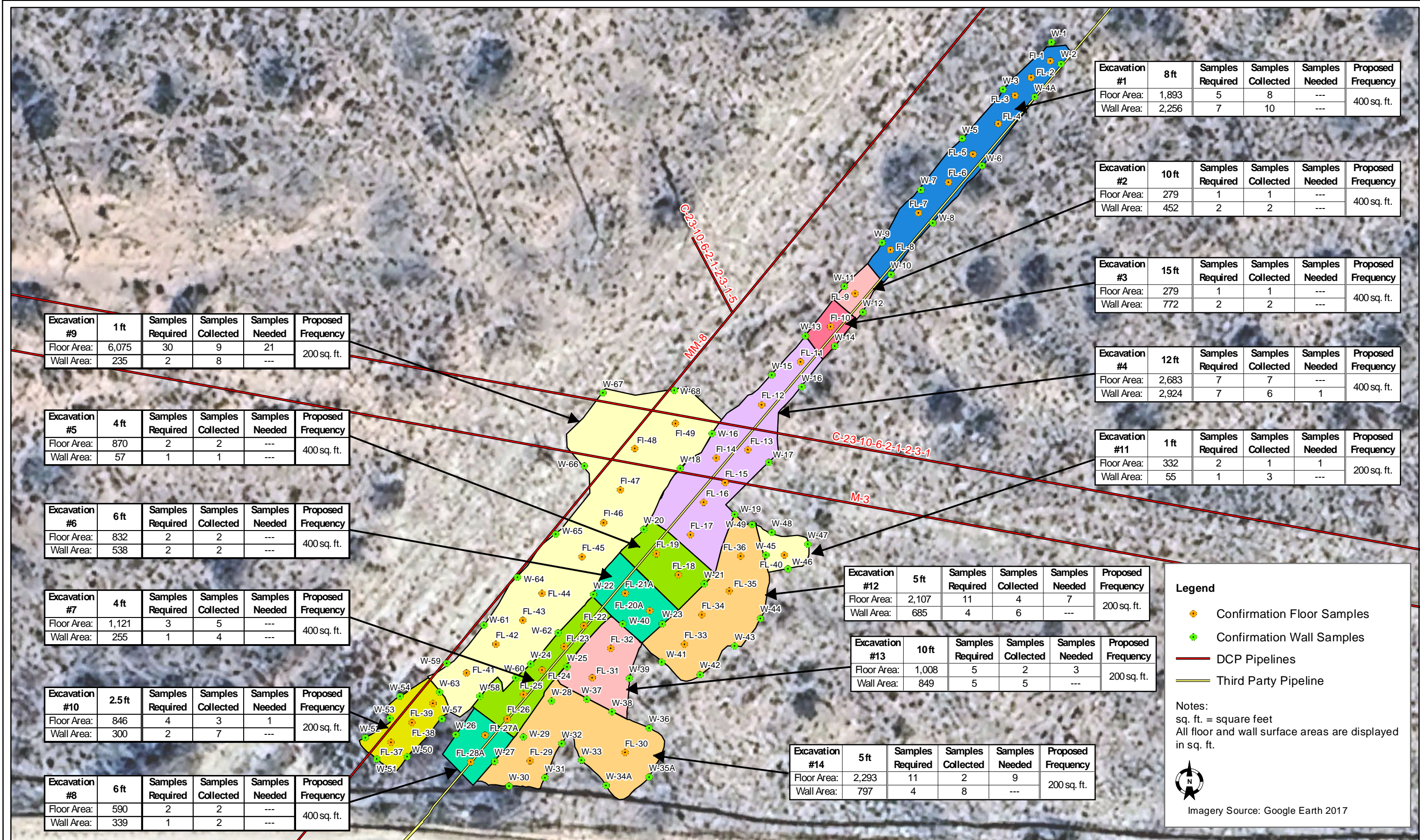


Tasman, Inc.
6855 W. 119th Ave
Broomfield, CO 80020

DCP Operating Compay, LP
C-23 Line Leak - nAPP2424928034
UL "E", Sec. 13, T20S, R33E
Lea County, New Mexico

Excavation Overview Map

Figure
1



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State of New Mexico

Energy, Minerals and Natural Resources

Oil Conservation Division

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Santa Fe, NM 87505

QUESTIONS

Action 455626

QUESTIONS

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 455626
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2424928034
Incident Name	NAPP2424928034 C-23 PIPELINE LEAK @ 0
Incident Type	Natural Gas Release
Incident Status	Remediation Closure Report Received

Location of Release Source	
Please answer all the questions in this group.	
Site Name	C-23 PIPELINE LEAK
Date Release Discovered	09/03/2024
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: Human Error Pipeline (Any) Condensate Released: 133 BBL Recovered: 35 BBL Lost: 98 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.

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QUESTIONS, Page 2

Action 455626

QUESTIONS (continued)

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 455626
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Nick Case Title: Environmental Email: Nicholas.L.Case@P66.com Date: 09/05/2024
--	---

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QUESTIONS, Page 3

Action 455626

QUESTIONS (continued)

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID:
	36785
	Action Number: 455626
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 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	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	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 ½ and 1 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	None
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

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	832
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	144
GRO+DRO (EPA SW-846 Method 8015M)	118
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	09/26/2024
On what date will (or did) the final sampling or liner inspection occur	03/25/2025
On what date will (or was) the remediation complete(d)	03/25/2025
What is the estimated surface area (in square feet) that will be reclaimed	21000
What is the estimated volume (in cubic yards) that will be reclaimed	2688
What is the estimated surface area (in square feet) that will be remediated	21000
What is the estimated volume (in cubic yards) that will be remediated	4740

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 455626

QUESTIONS (continued)

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 455626
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Stephen Weathers Title: Principal Environmental Specialist DCP Email: SWWeathers@dcpmidstream.com Date: 04/25/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 455626

QUESTIONS (continued)

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 455626
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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QUESTIONS, Page 6

Action 455626

QUESTIONS (continued)

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 455626
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	444852
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/25/2025
What was the (estimated) number of samples that were to be gathered	3
What was the sampling surface area in square feet	600

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	21000
What was the total volume (cubic yards) remediated	4740
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	21000
What was the total volume (in cubic yards) reclaimed	2688
Summarize any additional remediation activities not included by answers (above)	Please note that this submission is an addendum to the closure request submitted December 2024
<i>The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Stephen Weathers Title: Principal Environmental Specialist DCP Email: SWWeathers@dcprmidstream.com Date: 04/25/2025

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

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QUESTIONS (continued)

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QUESTIONS

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

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CONDITIONS

Action 455626

CONDITIONS

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CONDITIONS

Created By	Condition	Condition Date
scwells	None	5/19/2025