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APPROVED

J-8-2 LINE LEAK (03.18.22) Remediation Summary & Closure Report

NMOCD Incident No. nAPP2208155134
UL "F", Sec. 2, T18S, R35E
32.77818°, -103.42852°
Lea County, New Mexico

June 20, 2023



PREPARED ON BEHALF OF

DCP Midstream, LP
6900 E. Layton Avenue –
Suite 900
Denver, CO 80237-3658



PREPARED BY

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



June 20, 2023

DCP Midstream, LP
6900 E Layton Ave.
Denver, CO 80237-3658

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

Re: Remediation Summary & Closure Report
J-8-2 Line Leak (03.18.22)
UL "F", Section 2, Township 18 South, Range 35 East
Lea County, New Mexico
NMOCD Incident No. nAPP2208155134
Tasman Project No. 4118

Dear Mr. Weathers,

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

Tasman conducted initial assessment activities, identifying an approximately 800-square foot area that had been impacted by the release. The release area was then vertically, and horizontally delineated, and heavy equipment was used to remove approximately 1,452 cubic yards of impacted material from the release area. Based on laboratory analytical results from soil samples collected during confirmation sampling activities, impacted soil within the release area has been remediated below the applicable NMOCD Action Levels and in accordance with NMOCD standards. Additional project details are provided in the attached summary report.

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

Sincerely,
Tasman, Inc.

Brett Dennis
Senior Environmental Scientist
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Regional Project Manager
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1.0 INTRODUCTION

Tasman, Inc. (Tasman) is pleased to submit this Remediation Summary and Closure Report for the J-8-2 Line Leak (03.18.22) (site) on behalf of DCP Midstream, LP (DCP), documenting the results of field activities conducted in response to a release of natural gas and natural gas condensate to environmental media.

1.1 Site Description

The site is located in Unit Letter "F" of Section 2, Township 18 South, Range 35 East in Lea County, New Mexico. The release occurred from the J-8-2 pipeline, a 4-inch diameter steel natural gas pipeline. The release occurred on State land, leased to Seth Boyd.

1.2 Release Detail and Initial Response

On March 18, 2022, the J-8-2 pipeline was discovered by DCP personnel to have failed due to internal corrosion. At approximately 1:17 PM on March 22, 2022, DCP provided notice of the release to the New Mexico Oil Conservation District (NMOCD) by the online Notification of Release (NOR) permitting system. The release resulted in the loss of approximately 101 thousand cubic feet (mcf) of natural gas to the surrounding environmental media. DCP personnel shut in the pipeline to isolate the release. The line was later repaired and returned to service.

A copy of the NMOCD notification is provided in Appendix A.

2.0 SITE CHARACTERISTICS

2.1 Depth to Groundwater

Tasman reviewed available depth to groundwater information available through the New Mexico Office of the State Engineer (NMOSE) and US Geological Survey (USGS) for registered water wells within a half-mile radius of the site (USGS 324629103253601, OSE 14712 POD1, OSE 05235, OSE L15333 POD1 and OSE 04744 at a depth of 53 ft, 60 ft, 54 ft, 61 ft and 51 ft, respectively). Based on the available water well data, the average depth to groundwater in the vicinity of the site is approximately 55 feet below ground surface (bgs). The Site Characteristics Map included as Figure 1 illustrates the location of the registered water wells within the vicinity of the site, and a summary of depth to groundwater information is provided as Appendix B.

2.2 Karst Potential

Tasman utilized the publicly available karst potential map published by the Bureau of Land Management (BLM) Carlsbad Field Office (CFO) to determine the potential for encountering karst formations beneath the site. Review of the BLM CFO karst potential map indicates that the site is not located in an area of high potential to encounter karstic features.

2.3 Proximity to Sensitive Receptors and Site Characteristics Summary

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

Site Characteristics Summary		
Approximate depth to groundwater:	~ 55 ft bgs	
Within an area of high karst potential?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Within 300 ft. of any continuously flowing or significant watercourse?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Within 200 ft. of any lakebed, sinkhole, or playa lake?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Within 300 ft. of an occupied permanent residence, school, hospital, or institution?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Within 500 ft. of a spring or private, domestic fresh water well?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Within 1,000 ft. of any fresh water well?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Within the incorporated municipal boundaries or within a municipal well field?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Within 300 ft. of a wetland?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Within the area overlying a subsurface mine?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Within an unstable area?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Within a 100-year floodplain?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

3.0 REMEDIATION ACTION LEVELS

NMOCD assessment and cleanup levels for hydrocarbon and produced water releases are based on depth to groundwater and proximity to sensitive receptors as established in NMAC 19.15.29. Based on site characteristics described in Section 2.0, the NMOCD Action Levels for a site with a depth to groundwater of 50 to 100 feet bgs 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)	NA
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 RELEASE ASSESSMENT

On April 13, 2022, Tasman was retained by DCP to respond to a release of natural gas at the site. Initial observations indicated that the release was of natural gas only, surface evidence of the release was not apparent.

On April 13, 21 – 22, and May 2 – 3, 2022, Tasman advanced three soil borings via hand auger and ten vertical delineation trenches (referred to as verticals) via heavy equipment to delineate the release area laterally and horizontally. Collected soil samples were field screened using a photoionization detector (PID) for the presence of volatile organic vapors. Representative soil samples exhibiting the highest PID readings and the soil sample from the bottom of each vertical were submitted for laboratory analysis.

4.1 Release Assessment Data Evaluation

Laboratory analytical results indicated that soil samples HA-1 collected at 0 to 0.5 feet bgs to 15 feet bgs and V-5 collected at 13 feet bgs exhibited concentrations of TPH above the NMOCD Action Levels. All other soil samples were below NMOCD Action Levels and/or below laboratory reported detection levels (RDLs) for TPH, BTEX, and chlorides. A summary of field screening results and laboratory analytical results from the assessment activities are provided in Table 1 and copies of laboratory analytical reports are provided in Appendix C.



5.0 SOIL SAMPLING PROCEDURE

5.1 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.

5.2 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.

6.0 SUMMARY OF REMEDIAL ACTIVITIES

6.1 Remedial Activities

Beginning May 13, 2022, Tasman utilized heavy equipment to excavate impacted soil from within the delineated release margins. Excavated material was stockpiled on-site atop a polyethylene liner pending transportation to an NMOCD approved disposal facility.

The final excavation measured approximately 27 feet long by 37 feet wide by 22 feet deep. A total of 1,452 cubic yards of excavated material was exported to South Monument Surface Waste Facility.

Copies of solid manifests are provided in Appendix D and a photographic log is provided in Appendix E.

6.2 Confirmation Data Evaluation

On May 20, 2022, Tasman provided a 48-hour mobilization notice to the NMOCD via email (Appendix A). Beginning May 24, 2022, Tasman mobilized to the site to collect confirmation soil

J-8-2 Line Leak (03.18.22)
Remediation Summary and Closure Report



samples from the base and sidewalls of the remedial excavation. Four confirmation soil samples were collected from the base of the excavation and 17 confirmation soil samples were collected from the sidewalls of the excavation. Each confirmation soil sample, aside from Grab-1 and Grab-2, were collected as a five-point composite representing approximately 200 ft² or less of excavation base or sidewall area.

Detected concentrations of benzene, total BTEX and total TPH exceeded applicable NMOCD Action Levels in confirmation soil sample Grab-1 at 21.9 milligrams per kilogram (mg/kg), 891 mg/kg, and 9,314 mg/kg, respectively.

Benzene and total BTEX were detected above laboratory RDLs in the confirmation soil samples Wall-7 and Wall-8. The detected concentration of benzene at soil sample Wall-7 was reported as 0.064 mg/kg and total BTEX as 3.28 mg/kg and at soil sample Wall-8 as 0.156 mg/kg benzene and 1.36 mg/kg total BTEX. These detected concentrations of benzene and total BTEX were below the applicable NMOCD Action Levels. Detected concentrations of chlorides did not exceed applicable NMOCD Action Levels in all confirmation soil samples.

Beginning May 26, 2022, Tasman completed additional excavation to remove impacted material indicated by laboratory analytical results to exceed NMOCD Action Levels during the initial confirmation sampling event. Subsequently, confirmation soil samples Wall-9 through Wall-12 were collected from the from the sidewalls of the excavation and soil samples Bottom-2 through Bottom-4 were collected from the base of the excavation.

Concentrations of TPH were detected in confirmation soil sample Bottom-4 (16.4 mg/kg), above laboratory RDLs but were below the applicable NMOCD Action Levels.

Due to the elevated levels of benzene, total BTEX, total TPH and chlorides, from soil sample Grab-1 (collected from observed staining) an additional grab sample (Grab-2) was collected on June 8, 2022, resulting in concentrations below NMOCD Action Level.



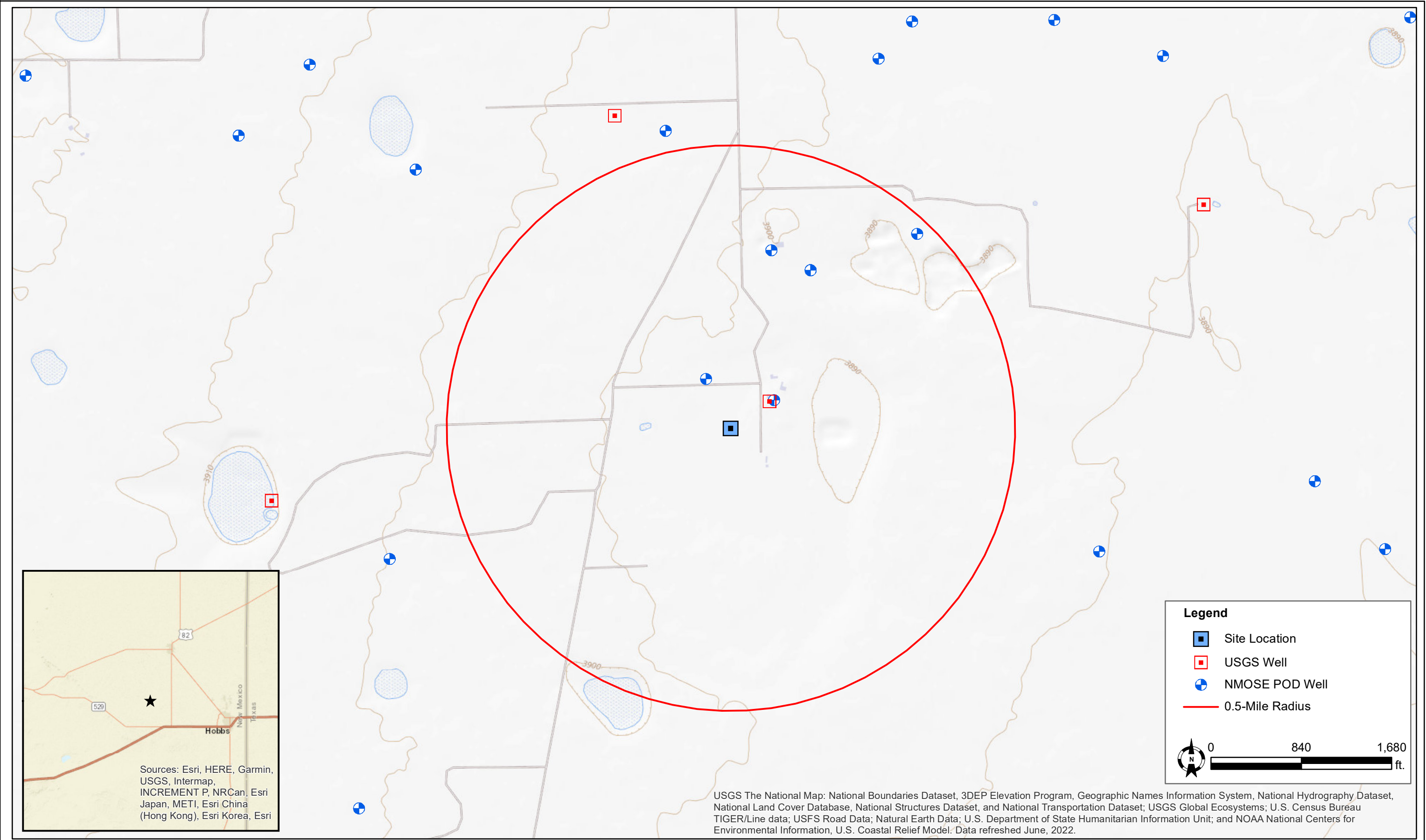
7.0 RESTORATION AND RECLAMATION


Areas affected by the release and associated remediation activities were restored to the condition which existed prior to the release to the maximum extent possible. On June 14 – 16, 2022, the excavated areas were backfilled with non-impacted “like” material and contoured and/or compacted to achieve erosion control, stability, and preservation of surface water flow to the extent practicable.

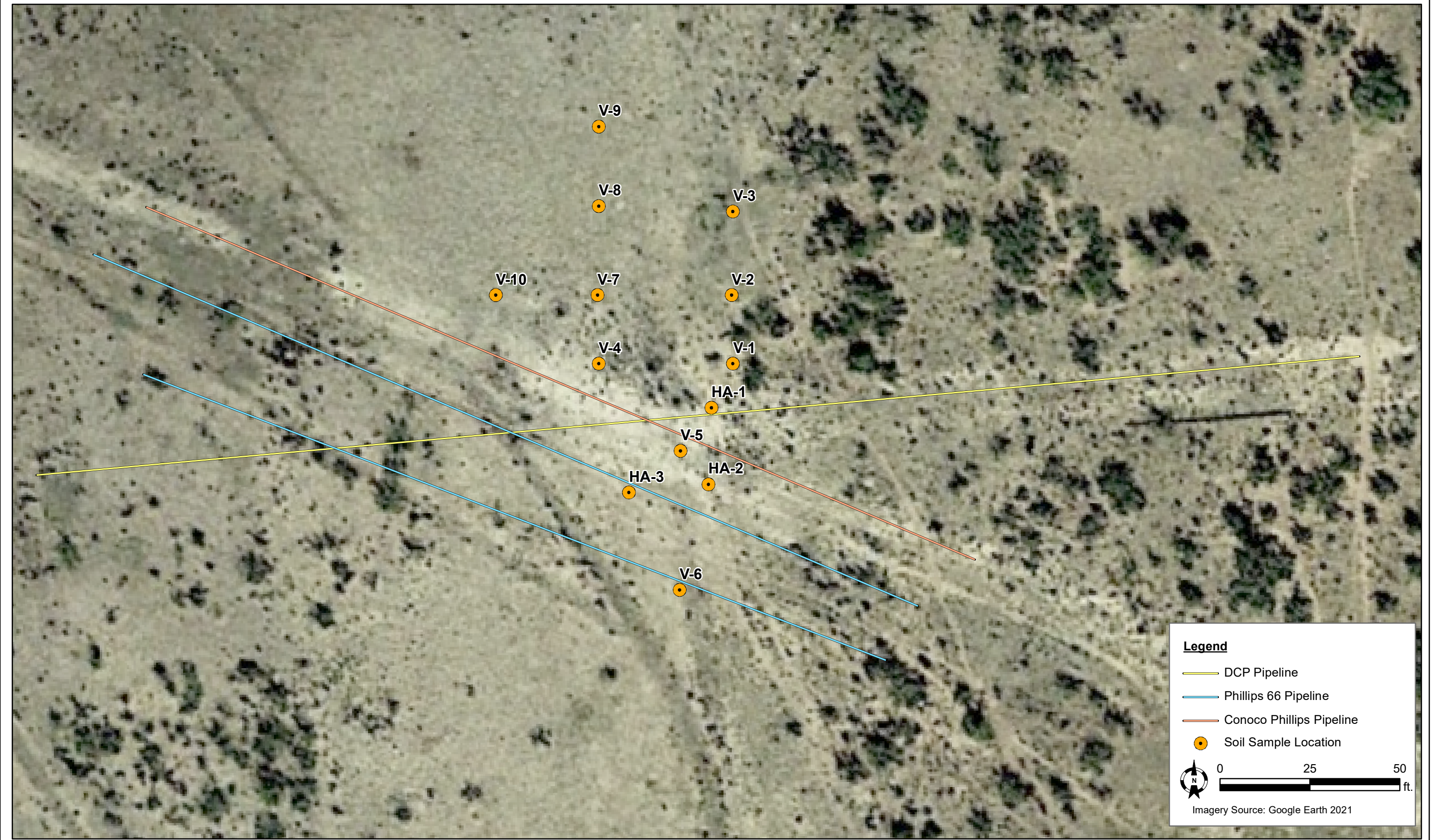
8.0 SITE CLOSURE REQUEST

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

Figures



<div>DATE: March 2023</div> <div>DESIGNED BY: B. Dennis</div> <div>DRAWN BY: B. Dennis</div>	<div> Tasman, Inc. 6855 W. 119th Ave Broomfield, CO 80020</div>	<div>DCP Midstream, LP J-8-2 Line Leak - nAPP2208155134 UL "F" Sec. 2, T18S, R35E Lea County, New Mexico</div>	<div>Site Location & Characteristics Map</div>	<div>Figure 1</div>
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DATE:	March 2023
DESIGNED BY:	B. Dennis
DRAWN BY:	B. Dennis



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

DCP Midstream, LP
J-8-2 Line Leak - nAPP2208155134
UL "F" Sec. 2, T18S, R35E
Lea County, New Mexico

Delineation Overview Map

Figure
2



DATE:	March 2023
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DCP Midstream, LP
J-8-2 Line Leak - nAPP2208155134
UL "F" Sec. 2, T18S, R35E
Lea County, New Mexico

Excavation Overview Map

Figure
3

Tables

TABLE 1 - SOIL ANALYTICAL SUMMARY - DELINEATION SOIL SAMPLES

DCP Midstream, LP

J-8-2 Line Leak (03.18.22)

NMOCD Incident No. nAPP2208155134

Sample ID	Sample Depth	Sample Date	Soil Status	PID (ppm)	Field Chloride (mg/kg)	Benzene (mg/kg)	Total BTEX ¹ (mg/kg)	TPH ² (mg/kg)				Chloride ³ (mg/kg)
								GRO	DRO	MRO	TOTAL	
HA-1*	Surface - 6"	4/13/2022	Excavated	----	----	0.309	32.0	63.2	48.4	<10.0	112	80.0
	2'		Excavated	----	----	8.75	291	1,370	1,070	198	2,638	128
	4'		Excavated	----	----	202	2,290	4,390	530	79.9	5,000	544
	7'	4/21/2022	Excavated	----	----	1.40	93.1	655	1,160	222	7,037	----
	9'		Excavated	----	----	6.23	217	1,240	1,680	314	3,234	----
	15'	5/2/2022	Excavated	----	----	0.172	28.1	187	611	101	899	----
	17'		Excavated	----	----	<0.05	<0.30	<10.0	<10.0	<10.0	<10.0	----
	19'		Excavated	----	----	<0.05	<0.30	<10.0	<10.0	<10.0	<10.0	----
	21'		Excavated	----	----	<0.05	<0.30	<10.0	<10.0	<10.0	<10.0	----
HA-2*	Surface - 6"	4/13/2022	In-Situ	----	----	1.08	7.31	26.7	<10.0	<10.0	26.7	48.0
	2'		In-Situ	----	----	0.089	0.543	<10.0	<10.0	<10.0	<10.0	16.0
	4'		In-Situ	----	----	<0.05	<0.30	<10.0	<10.0	<10.0	<10.0	32.0
HA-3*	Surface - 6"	4/13/2022	In-Situ	----	----	0.164	9.57	19.2	<10.0	<10.0	19.2	32.0
	2'		In-Situ	----	----	<0.05	0.882	<10.0	<10.0	<10.0	<10.0	16.0
	4'		In-Situ	----	----	<0.05	0.534	<10.0	<10.0	<10.0	<10.0	32.0
V-1*	Surface - 6"	4/21/2022	In-Situ	130	----	<0.05	1.06	<10.0	<10.0	<10.0	<10.0	----
	2'		In-Situ	23	----	<0.05	<0.30	<10.0	<10.0	<10.0	<10.0	----
	4'		In-Situ	116	----	<0.05	<0.30	<10.0	<10.0	<10.0	<10.0	----
V-2*	Surface - 6"	4/21/2022	In-Situ	109	----	<0.05	0.740	<10.0	<10.0	<10.0	<10.0	----
	2'		In-Situ	40.3	----	<0.05	<0.30	<10.0	<10.0	<10.0	<10.0	----
	4'		In-Situ	89	----	<0.05	<0.30	<10.0	<10.0	<10.0	<10.0	----
V-3*	Surface - 6"	4/21/2022	In-Situ	12.9	----	0.091	0.609	<10.0	<10.0	<10.0	<10.0	----
	2'		In-Situ	9.0	----	<0.05	<0.30	<10.0	<10.0	<10.0	<10.0	----
V-4*	Surface - 6"	4/21/2022	In-Situ	137	----	0.081	3.22	10.9	<10.0	<10.0	10.9	----
	2'		In-Situ	132	----	<0.05	<0.30	<10.0	<10.0	<10.0	<10.0	----
	4'		In-Situ	259	----	<0.05	<0.30	<10.0	<10.0	<10.0	<10.0	----
V-5*	Surface - 6"	4/21/2022	Excavated	350.9	----	0.303	6.45	31.9	34.4	<10.0	66.3	----
	2'		Excavated	799	----	<0.05	<0.30	<10.0	<10.0	<10.0	<10.0	----
	4'		Excavated	288	----	<0.05	<0.30	<10.0	<10.0	<10.0	<10.0	----
	13'	5/2/2022	Excavated	2497	----	7.49	222	864	768	99.1	1,731	----
	15'		Excavated	340	----	<0.05	<0.30	<10.0	<10.0	<10.0	<10.0	----
	17'		Excavated	1348	----	<0.05	<0.30	<10.0	17.7	<10.0	17.7	----
	19'		Excavated	1005	----	<0.05	<0.30	<10.0	<10.0	<10.0	<10.0	----
	21'		Excavated	844	----	0.276	5.21	42.5	26.3	<10.0	66.8	----
22'	5/3/2022	In-Situ	25.9	----	<0.050	<0.30	<10.0	17.4	<10.0	17.4	----	
V-6*	Surface - 6"	4/21/2022	In-Situ	84.2	----	0.067	1.45	<10.0	<10.0	<10.0	<10.0	----
	2'		In-Situ	106	----	<0.05	<0.30	<10.0	<10.0	<10.0	<10.0	----
	4'		In-Situ	218	----	<0.05	<0.30	<10.0	<10.0	<10.0	<10.0	----
V-7*	Surface - 6"	4/21/2022	In-Situ	260	----	0.096	3.16	10.1	<10.0	<10.0	10.1	----
	2'		In-Situ	209	----	<0.05	<0.30	<10.0	<10.0	<10.0	<10.0	----
	4'		In-Situ	331	----	<0.05	<0.30	<10.0	<10.0	<10.0	<10.0	----
V-8*	Surface - 6"	4/21/2022	In-Situ	94	----	0.205	3.23	<10.0	<10.0	<10.0	<10.0	----
	2'		In-Situ	128	----	<0.05	<0.30	<10.0	<10.0	<10.0	<10.0	----
	4'		In-Situ	402	----	<0.05	<0.30	<10.0	<10.0	<10.0	<10.0	----
V-9*	Surface - 6"	4/21/2022	In-Situ	11.9	----	0.066	0.452	<10.0	<10.0	<10.0	<10.0	----
	2'		In-Situ	38.7	----	<0.05	<0.30	<10.0	<10.0	<10.0	<10.0	----
	4'		In-Situ	45.0	----	<0.05	<0.30	<10.0	<10.0	<10.0	<10.0	----
V-10*	Surface - 6"	4/21/2022	In-Situ	212	----	0.285	9.06	30.0	17.3	<10.0	47.3	----
	2'		In-Situ	122	----	<0.05	<0.30	<10.0	14.0	<10.0	14.0	----
NMOCD Reclamation Standards ⁴ (Applicable for soils less than 4 ft. below grade surface)				N/A	N/A	10	50	N/A			100	600
NMOCD Remediation and Delineation Standards ⁵ (Applicable for soils greater than 4 ft. below grade surface)				N/A	N/A	10	50	N/A			100	600

Notes:

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

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

3. Chloride - Analyzed by EPA method SM4500

4. New Mexico Administrative Code (NMAC) 19.15.29.13(D) - Restoration, Reclamation, and Re-vegetation (Reclamation for areas no longer in use) for soils extending to 4 ft. below grade surface (bgs).

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

* = Denotes discrete/grab sample

Bold values denote concentrations above laboratory RDL

Red values denote concentrations above NMOCD Action Levels

BGS = Below ground surface

GRO = Gasoline range organics

DRO = Diesel range organics

MRO = Motor/lube oil range organics

PID = Photoionization detector

---- = Sample was not analyzed for this analyte

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

N/A = Not applicable

Ft. = feet

TABLE 2 - SOIL ANALYTICAL SUMMARY - CONFIRMATION SOIL SAMPLES

DCP Midstream, LP
J-8-2 Line Leak (03.18.22)
NMOCD Incident No. nAPP2208155134

Sample ID	Sample Depth (ft)	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	
5 PT COMP BOTTOM - 1	22'	5/24/2022	In-Situ	----	----	<0.05	<0.30	<10.0	11.5	<10.0	11.5	80.0
5 PT COMP BOTTOM - 2	22'	5/26/2022	In-Situ	----	----	<0.05	<0.30	<10.0	<10.0	<10.0	<10.0	80.0
5 PT COMP BOTTOM - 3	22'	6/8/2022	In-Situ	----	----	<0.05	<0.30	<10.0	<10.0	<10.0	<10.0	16.0
5 PT COMP BOTTOM - 4	22'	6/8/2022	In-Situ	----	----	<0.05	<0.30	<10.0	16.4	<10.0	16.4	16.0
5 PT COMP WALL - 1	----	5/24/2022	Excavated	----	----	<0.05	<0.30	<10.0	<10.0	<10.0	<10.0	704
5 PT COMP WALL - 2	----	5/24/2022	In-Situ	----	----	<0.05	<0.30	<10.0	<10.0	<10.0	<10.0	576
5 PT COMP WALL - 3	----	5/24/2022	Excavated	----	----	<0.05	<0.30	<10.0	<10.0	<10.0	<10.0	656
5 PT COMP WALL - 4	----	5/24/2022	In-Situ	----	----	<0.05	<0.30	<10.0	<10.0	<10.0	<10.0	368
5 PT COMP WALL - 5	----	5/24/2022	In-Situ	----	----	<0.05	<0.30	<10.0	<10.0	<10.0	<10.0	48.0
5 PT COMP WALL - 6	----	5/24/2022	In-Situ	----	----	<0.05	<0.30	<10.0	<10.0	<10.0	<10.0	32.0
5 PT COMP WALL - 7	----	5/24/2022	Excavated	----	----	0.064	3.28	18.0	82.3	<10.0	100.3	2,080
5 PT COMP WALL - 8	----	5/24/2022	In-Situ	----	----	0.156	1.36	<10.0	<10.0	<10.0	<10.0	224
5 PT COMP WALL - 9	----	5/26/2022	In-Situ	----	----	----	----	----	----	----	----	512
5 PT COMP WALL - 10	----	5/26/2022	Excavated	----	----	----	----	----	----	----	----	640
5 PT COMP WALL - 11	----	6/8/2022	In-Situ	----	----	<0.05	<0.30	<10.0	<10.0	<10.0	<10.0	32.0
5 PT COMP WALL - 12	----	6/8/2022	In-Situ	----	----	<0.05	<0.30	<10.0	<10.0	<10.0	<10.0	<16.0
5 PT COMP WALL - 13	----	6/8/2022	In-Situ	----	----	<0.05	<0.30	<10.0	<10.0	<10.0	<10.0	32.0
5 PT COMP WALL - 14	----	6/8/2022	In-Situ	----	----	<0.05	<0.30	<10.0	<10.0	<10.0	<10.0	48.0
GRAB - 1*	----	5/24/2022	Excavated	----	----	21.9	891	5320	3520	474	9,314	1,070
GRAB - 2*	----	6/8/2022	In-Situ	----	----	<0.05	<0.30	<10.0	<10.0	<10.0	<10.0	32.0
NMOCD Reclamation Standards ⁴ (Applicable for soils less than 4 ft. below grade surface)				N/A	N/A	10	50	N/A			100	600
NMOCD Remediation and Delineation Standards ⁵ (Applicable for soils greater than 4 ft. below grade surface)				N/A	N/A	10	50	N/A			100	600

Notes:

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

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

3. Chloride - Analyzed by EPA method SM4500

4. New Mexico Administrative Code (NMAC) 19.15.29.13(D) - Restoration, Reclamation, and Re-vegetation (Reclamation for areas no longer in use) for soils extending to 4 ft. below grade surface (bgs).

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

* = Denotes discrete/grab sample

Bold values denote concentrations above laboratory RDL**Red** values denote concentrations above NMOCD Action Levels

BGS = Below ground surface

GRO = Gasoline range organics

DRO = Diesel range organics

MRO = Motor/lube oil range organics

PID = Photoionization detector

--- = Sample was not analyzed for this analyte

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

N/A = Not applicable

Ft. = Feet

Appendix A – NMOCD Notifications

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
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 92084

QUESTIONS

Operator: DCP OPERATING COMPANY, LP 6900 E. Layton Ave Denver, CO 80237	OGRID: 36785
	Action Number: 92084
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source <i>Please answer all of the questions in this group.</i>	
Site Name	J-8-2 Line
Date Release Discovered	03/18/2022
Surface Owner	State

Incident Details <i>Please answer all of 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
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 dissolved chloride in the produced water >10,000 mg/l	Not answered.
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Cause: Corrosion Pipeline (Any) Natural Gas Vented Released: 101 Mcf Recovered: 0 Mcf Lost: 101 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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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 2

Action 92084

QUESTIONS (continued)

Operator: DCP OPERATING COMPANY, LP 6900 E. Layton Ave Denver, CO 80237	OGRID: 36785
	Action Number: 92084
	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)	Yes, according to supplied volumes this appears to be a "gas only" report.
Was this a major release as defined by 19.15.29.7(A) NMAC	No, minor release.
Reasons why this would be considered a submission for a notification of a major release	
If YES, was immediate notice given to the OCD, by whom	<i>Not answered.</i>
If YES, was immediate notice given to the OCD, to whom	<i>Not answered.</i>
If YES, was immediate notice given to the OCD, when	<i>Not answered.</i>
If YES, was immediate notice given to the OCD, by what means (phone, email, etc.)	<i>Not answered.</i>
<i>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.</i>	

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	<i>Not answered.</i>

Per 19.15.29.8 B. (4) 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 92084

ACKNOWLEDGMENTS

Operator: DCP OPERATING COMPANY, LP 6900 E. Layton Ave Denver, CO 80237	OGRID: 36785
	Action Number: 92084
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I acknowledge that I am authorized to submit notification of a releases 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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1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 92084

CONDITIONS

Operator: DCP OPERATING COMPANY, LP 6900 E. Layton Ave Denver, CO 80237	OGRID: 36785
	Action Number: 92084
	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.	3/22/2022

Laura Flores

From: Kyle Norman
Sent: Friday, May 20, 2022 11:56 AM
To: mike.bratcher@state.nm.us; Eads, Cristina, EMNRD; Hamlet, Robert, EMNRD; Hensley, Chad, EMNRD
Cc: Hyman, Albert L; Hyman, Janice L; JWCook@dcpmidstream.com; Miguel CardonaJr; Becky Griffin
Subject: DCP Midstream J-8-2 Line Leak nAPP2208155134 - Notification of Confirmation Sampling

All,

We will start to collect confirmation soil samples on Tuesday May 24th at ~9:00am at DCP Midstream J-8-2 Line Leak nAPP2208155134. I will let you know if the plans change. Please let me know if you have any questions or concerns.

Thank you

Kyle Norman
Regional Project Manager

Tasman, Inc.
2620 W. Marland Blvd.
Hobbs, NM 88240
C: 575-318-5017
knorman@tasman-geo.com
www.tasman-geo.com



Denver Business Journal 2021 Fast 50 Company



Appendix B – Depth to Groundwater Information



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced,
O=orphaned,
C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tw	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
L 14712 POD1		L	LE	1	3	2	02	18S	35E	647299	3627869	147	190	60	130
L 02503	R	L	LE	2	4	1	02	18S	35E	647106	3627930*	156	100		
L 05235		L	LE		1	2	02	18S	35E	647402	3628238*	502	114	54	60
L 15333 POD1		L	LE	1	1	2	02	18S	35E	647291	3628294	518	211	61	150
L 04744		L	LE	1	2	2	02	18S	35E	647704	3628341*	764	122	51	71

Average Depth to Water: **56 feet**

Minimum Depth: **51 feet**

Maximum Depth: **61 feet**

Record Count: 5

UTM NAD83 Radius Search (in meters):

Easting (X): 647175

Northing (Y): 3627789.257

Radius: 850

*UTM location was derived from PLSS - see Help

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

4/3/23 10:19 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



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

National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater

Geographic Area:

United States

GO

Click to hide News Bulletins

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

Groundwater levels for the Nation

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

Search Results -- 1 sites found

site_no list =

- 324629103253601

Minimum number of levels = 1

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

USGS 324629103253601 18S.35E.02.14230

Available data for this site

Groundwater: Field measurements

GO

Lea County, New Mexico

Hydrologic Unit Code 12080003

Latitude 32°46'43.9", Longitude 103°25'38.4" NAD83

Land-surface elevation 3,896.00 feet above NGVD29

The depth of the well is 100 feet below land surface.

This well is completed in the High Plains aquifer (N100HGHPLN) national aquifer.

This well is completed in the Ogallala Formation (121OGLL) local aquifer.

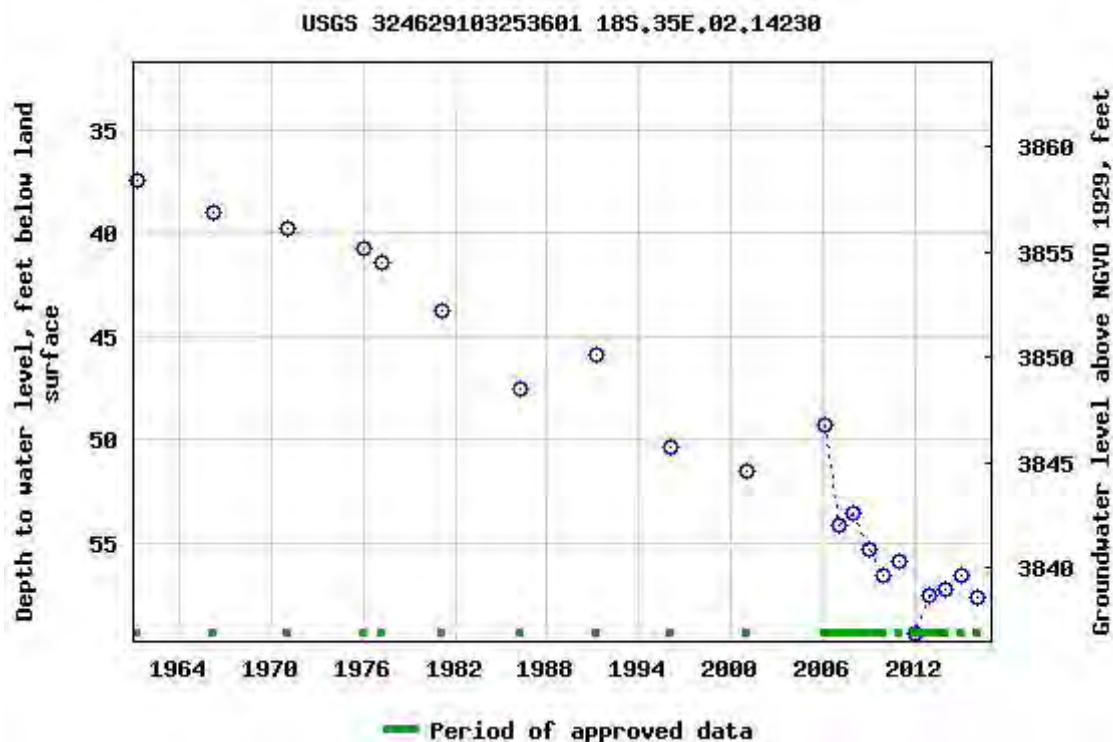
Output formats

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[Graph of data](#)

[Reselect period](#)



Breaks in the plot represent a gap of at least one year between field measurements.

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

Title: Groundwater for USA: Water Levels

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

Page Contact Information: [USGS Water Data Support Team](#)

Page Last Modified: 2023-04-03 12:16:03 EDT

0.59 0.5 nadww01



Appendix C – Certified Laboratory Analytical Reports



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

April 14, 2022

KYLE NORMAN

TASMAN GEOSCIENCES

6899 PECOS ST. UNIT C

DENVER, CO 80221

RE: DCP - J-8-2 LINE

Enclosed are the results of analyses for samples received by the laboratory on 04/13/22 16:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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: 04/13/2022
 Reported: 04/14/2022
 Project Name: DCP - J-8-2 LINE
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: HA - 1 @ S-6" (H221540-01)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.309	0.050	04/14/2022	ND	2.06	103	2.00	1.11	
Toluene*	3.57	0.050	04/14/2022	ND	2.08	104	2.00	0.241	
Ethylbenzene*	9.76	0.050	04/14/2022	ND	1.99	99.6	2.00	0.693	
Total Xylenes*	18.3	0.150	04/14/2022	ND	6.22	104	6.00	0.00300	
Total BTX	32.0	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 123 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/14/2022	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*	63.2	10.0	04/14/2022	ND	192	96.2	200	2.66	QM-07
DRO >C10-C28*	48.4	10.0	04/14/2022	ND	184	92.0	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 82.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.6 % 59.5-142

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: 04/13/2022
 Reported: 04/14/2022
 Project Name: DCP - J-8-2 LINE
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: HA - 1 @ 2' (H221540-02)

BTEx 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	8.75	1.00	04/14/2022	ND	2.06	103	2.00	1.11	
Toluene*	61.9	1.00	04/14/2022	ND	2.08	104	2.00	0.241	
Ethylbenzene*	87.4	1.00	04/14/2022	ND	1.99	99.6	2.00	0.693	
Total Xylenes*	133	3.00	04/14/2022	ND	6.22	104	6.00	0.00300	
Total BTEX	291	6.00	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	04/14/2022	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*	1370	10.0	04/14/2022	ND	192	96.2	200	2.66	
DRO >C10-C28*	1070	10.0	04/14/2022	ND	184	92.0	200	4.53	
EXT DRO >C28-C36	198	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 70.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 73.6 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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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: 04/13/2022
 Reported: 04/14/2022
 Project Name: DCP - J-8-2 LINE
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: HA - 1 @ 4' (H221540-03)

BTEx 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	202	5.00	04/14/2022	ND	2.06	103	2.00	1.11	
Toluene*	809	5.00	04/14/2022	ND	2.08	104	2.00	0.241	
Ethylbenzene*	581	5.00	04/14/2022	ND	1.99	99.6	2.00	0.693	
Total Xylenes*	695	15.0	04/14/2022	ND	6.22	104	6.00	0.00300	
Total BTEX	2290	30.0	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	544	16.0	04/14/2022	ND	432	108	400	0.00		

TPH 8015M	mg/kg		Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	4390	10.0	04/14/2022	ND	192	96.2	200	2.66	
DRO >C10-C28*	530	10.0	04/14/2022	ND	184	92.0	200	4.53	
EXT DRO >C28-C36	79.9	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 211 % 66.9-136

Surrogate: 1-Chlorooctadecane 109 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/13/2022
 Reported: 04/14/2022
 Project Name: DCP - J-8-2 LINE
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: HA - 2 @ S-6" (H221540-04)

BTEx 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.08	0.050	04/14/2022	ND	2.06	103	2.00	1.11	
Toluene*	2.48	0.050	04/14/2022	ND	2.08	104	2.00	0.241	
Ethylbenzene*	1.57	0.050	04/14/2022	ND	1.99	99.6	2.00	0.693	
Total Xylenes*	2.18	0.150	04/14/2022	ND	6.22	104	6.00	0.00300	
Total BTEX	7.31	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/14/2022	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*	26.7	10.0	04/14/2022	ND	192	96.2	200	2.66	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	184	92.0	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 75.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 77.8 % 59.5-142

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*=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: 04/13/2022
 Reported: 04/14/2022
 Project Name: DCP - J-8-2 LINE
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: HA - 2 @ 2' (H221540-05)

BTEx 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.089	0.050	04/14/2022	ND	2.06	103	2.00	1.11	
Toluene*	0.187	0.050	04/14/2022	ND	2.08	104	2.00	0.241	
Ethylbenzene*	0.108	0.050	04/14/2022	ND	1.99	99.6	2.00	0.693	
Total Xylenes*	0.160	0.150	04/14/2022	ND	6.22	104	6.00	0.00300	
Total BTEX	0.543	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/14/2022	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	04/14/2022	ND	192	96.2	200	2.66	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	184	92.0	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 107 % 66.9-136

Surrogate: 1-Chlorooctadecane 112 % 59.5-142

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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: 04/13/2022
 Reported: 04/14/2022
 Project Name: DCP - J-8-2 LINE
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: HA - 2 @ 4' (H221540-06)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.06	103	2.00	1.11	
Toluene*	0.055	0.050	04/14/2022	ND	2.08	104	2.00	0.241	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	1.99	99.6	2.00	0.693	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.22	104	6.00	0.00300	
Total BTX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/14/2022	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	04/14/2022	ND	192	96.2	200	2.66	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	184	92.0	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 106 % 59.5-142

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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: 04/13/2022
 Reported: 04/14/2022
 Project Name: DCP - J-8-2 LINE
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: HA - 3 @ S-6" (H221540-07)

BTEx 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.164	0.050	04/14/2022	ND	2.06	103	2.00	1.11	
Toluene*	1.12	0.050	04/14/2022	ND	2.08	104	2.00	0.241	
Ethylbenzene*	3.50	0.050	04/14/2022	ND	1.99	99.6	2.00	0.693	
Total Xylenes*	4.79	0.150	04/14/2022	ND	6.22	104	6.00	0.00300	
Total BTEX	9.57	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/14/2022	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*	19.2	10.0	04/14/2022	ND	192	96.2	200	2.66	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	184	92.0	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 59.5-142

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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: 04/13/2022
 Reported: 04/14/2022
 Project Name: DCP - J-8-2 LINE
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: HA - 3 @ 2' (H221540-08)

BTEx 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.06	103	2.00	1.11	
Toluene*	0.112	0.050	04/14/2022	ND	2.08	104	2.00	0.241	
Ethylbenzene*	0.273	0.050	04/14/2022	ND	1.99	99.6	2.00	0.693	
Total Xylenes*	0.496	0.150	04/14/2022	ND	6.22	104	6.00	0.00300	
Total BTEx	0.882	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/14/2022	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	04/14/2022	ND	192	96.2	200	2.66	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	184	92.0	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 90.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.2 % 59.5-142

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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: 04/13/2022
 Reported: 04/14/2022
 Project Name: DCP - J-8-2 LINE
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: HA - 3 @ 4' (H221540-09)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.06	103	2.00	1.11	
Toluene*	0.076	0.050	04/14/2022	ND	2.08	104	2.00	0.241	
Ethylbenzene*	0.164	0.050	04/14/2022	ND	1.99	99.6	2.00	0.693	
Total Xylenes*	0.294	0.150	04/14/2022	ND	6.22	104	6.00	0.00300	
Total BTX	0.534	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/14/2022	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	04/14/2022	ND	192	96.2	200	2.66	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	184	92.0	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 106 % 66.9-136

Surrogate: 1-Chlorooctadecane 108 % 59.5-142

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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 "C. D. Keene".

Celey D. Keene, Lab Director/Quality Manager



CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Tasman Geosciences, LLC		BILL TO		ANALYSIS REQUEST											
Project Manager: Kyle Norman		P.O. #:		<div style="display: flex; flex-direction: column; align-items: center;"> <div>Chlorides</div> <div>TPH 8015 M</div> <div>BTEX</div> <div>Texas TPH</div> <div>CompleteCations/Anions</div> <div>TDS</div> <div>HOLD</div> <div>24 Hour 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 #: nAPP2208155134 Project Owner: DCP Midstream		City: Hobbs													
Project Name: DCP		State: NM Zip: 88240													
Project Location: J-8-2 Line Leak		Phone #: 575-318-5017													
Sampler Name: Kyle Norman		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 :
HA21540															
1	HA - 1 @ S-6"		1			✓				✓			4/13/22	12:00	✓
2	HA - 1 @ 2'		1			✓				✓			4/13/22	12:10	✓
3	HA - 1 @ 4'		1			✓				✓			4/13/22	12:20	✓
4	HA - 2 @ S-6"		1			✓				✓			4/13/22	12:30	✓
5	HA - 2 @ 2'		1			✓				✓			4/13/22	12:40	✓
6	HA - 2 @ 4'		1			✓				✓			4/13/22	12:50	✓
7	HA - 3 @ S-6"		1			✓				✓			4/13/22	13:00	✓
8	HA - 3 @ 2'		1			✓				✓			4/13/22	13:10	✓
9	HA - 3 @ 4'		1			✓				✓			4/13/22	13:20	✓

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Relinquished By:	Date: 4-13-22	Received By:	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
	Time: 1400		Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date: 4-13-22	Received By:	REMARKS:	
	Time: 1400		email results to: knorman@tasman-geo.com, bgriffin@tasman-geo.com, Cook, JohnW<JWCook@dcpmidstream.com>Hyman,AlbertL <ALHyman@dcpmidstream.com> Hyman, Janice L <JHyman@dcpmidstream.com>	
Delivered By: (Circle One)	-2.18 C-0.5%	Sample Condition	CHECKED BY: (Initials)	
Sampler - UPS - Bus - Other:	-2.6% #3	Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	SR	

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



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

April 25, 2022

KYLE NORMAN

TASMAN GEOSCIENCES

6899 PECOS ST. UNIT C

DENVER, CO 80221

RE: DCP - J-8-2 LINE LEAK

Enclosed are the results of analyses for samples received by the laboratory on 04/22/22 11:58.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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: 04/22/2022
 Reported: 04/25/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 04/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: HA - 1 @ 7' (H221666-01)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.40	0.500	04/22/2022	ND	2.22	111	2.00	2.00	
Toluene*	19.8	0.500	04/22/2022	ND	2.21	110	2.00	1.73	QM-07
Ethylbenzene*	29.9	0.500	04/22/2022	ND	2.10	105	2.00	1.95	QM-07
Total Xylenes*	42.0	1.50	04/22/2022	ND	6.55	109	6.00	1.53	
Total BTX	93.1	3.00	04/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 69.9-140

TPH 8015M		mg/kg		Analyzed By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	655	10.0	04/23/2022	ND	200	100	200	0.194	
DRO >C10-C28*	1160	10.0	04/23/2022	ND	195	97.7	200	3.00	
EXT DRO >C28-C36	222	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 135 % 66.9-136

Surrogate: 1-Chlorooctadecane 127 % 59.5-142

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Analytical Results For:

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

Received: 04/22/2022
 Reported: 04/25/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 04/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: HA - 1 @ 9' (H221666-02)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	6.23	0.500	04/22/2022	ND	2.22	111	2.00	2.00	
Toluene*	62.8	0.500	04/22/2022	ND	2.21	110	2.00	1.73	
Ethylbenzene*	69.6	0.500	04/22/2022	ND	2.10	105	2.00	1.95	
Total Xylenes*	77.9	1.50	04/22/2022	ND	6.55	109	6.00	1.53	
Total BTX	217	3.00	04/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 131 % 69.9-140

TPH 8015M		mg/kg		Analyzed By: CK/						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	1240	10.0	04/23/2022	ND	200	100	200	0.194		
DRO >C10-C28*	1680	10.0	04/23/2022	ND	195	97.7	200	3.00		
EXT DRO >C28-C36	314	10.0	04/23/2022	ND						

Surrogate: 1-Chlorooctane 191 % 66.9-136

Surrogate: 1-Chlorooctadecane 140 % 59.5-142

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Analytical Results For:

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

Received: 04/22/2022
 Reported: 04/25/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 04/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 1 @ S-6" (H221666-03)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2022	ND	2.22	111	2.00	2.00	
Toluene*	0.321	0.050	04/22/2022	ND	2.21	110	2.00	1.73	
Ethylbenzene*	0.279	0.050	04/22/2022	ND	2.10	105	2.00	1.95	
Total Xylenes*	0.461	0.150	04/22/2022	ND	6.55	109	6.00	1.53	
Total BTX	1.06	0.300	04/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

TPH 8015M		mg/kg		Analyzed By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2022	ND	200	100	200	0.194	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	195	97.7	200	3.00	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 100 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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Analytical Results For:

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

Received: 04/22/2022
 Reported: 04/25/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 04/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 1 @ 2' (H221666-04)

BTEx 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2022	ND	2.22	111	2.00	2.00	
Toluene*	<0.050	0.050	04/22/2022	ND	2.21	110	2.00	1.73	
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.10	105	2.00	1.95	
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.55	109	6.00	1.53	
Total BTEx	<0.300	0.300	04/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

TPH 8015M		mg/kg		Analyzed By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2022	ND	200	100	200	0.194	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	195	97.7	200	3.00	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 108 % 66.9-136

Surrogate: 1-Chlorooctadecane 109 % 59.5-142

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Analytical Results For:

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

Received: 04/22/2022
 Reported: 04/25/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 04/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 1 @ 4' (H221666-05)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2022	ND	2.22	111	2.00	2.00	
Toluene*	<0.050	0.050	04/22/2022	ND	2.21	110	2.00	1.73	
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.10	105	2.00	1.95	
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.55	109	6.00	1.53	
Total BTX	<0.300	0.300	04/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

TPH 8015M		mg/kg		Analyzed By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2022	ND	200	100	200	0.194	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	195	97.7	200	3.00	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 82.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.2 % 59.5-142

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 Fax To:

Received: 04/22/2022
 Reported: 04/25/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 04/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 2 @ S-6" (H221666-06)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2022	ND	2.22	111	2.00	2.00	
Toluene*	0.334	0.050	04/22/2022	ND	2.21	110	2.00	1.73	
Ethylbenzene*	0.205	0.050	04/22/2022	ND	2.10	105	2.00	1.95	
Total Xylenes*	0.200	0.150	04/22/2022	ND	6.55	109	6.00	1.53	
Total BTX	0.740	0.300	04/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

TPH 8015M		mg/kg		Analyzed By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2022	ND	200	100	200	0.194	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	195	97.7	200	3.00	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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Analytical Results For:

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

Received: 04/22/2022
 Reported: 04/25/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 04/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 2 @ 2' (H221666-07)

BTX 8021B			mg/kg							
			Analyzed By: MS/							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2022	ND	2.22	111	2.00	2.00		
Toluene*	<0.050	0.050	04/22/2022	ND	2.21	110	2.00	1.73		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.10	105	2.00	1.95		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.55	109	6.00	1.53		
Total BTX	<0.300	0.300	04/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

TPH 8015M			mg/kg							
			Analyzed By: CK/							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/23/2022	ND	200	100	200	0.194		
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	195	97.7	200	3.00		
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND						

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 106 % 59.5-142

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Analytical Results For:

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

Received: 04/22/2022
 Reported: 04/25/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 04/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 2 @ 4' (H221666-08)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2022	ND	2.22	111	2.00	2.00	
Toluene*	<0.050	0.050	04/22/2022	ND	2.21	110	2.00	1.73	
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.10	105	2.00	1.95	
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.55	109	6.00	1.53	
Total BTX	<0.300	0.300	04/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

TPH 8015M		mg/kg		Analyzed By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2022	ND	200	100	200	0.194	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	195	97.7	200	3.00	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 97.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 100 % 59.5-142

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Analytical Results For:

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

Received: 04/22/2022
 Reported: 04/25/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 04/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 3 @ S-6" (H221666-09)

BTEx 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.091	0.050	04/22/2022	ND	2.22	111	2.00	2.00	
Toluene*	0.433	0.050	04/22/2022	ND	2.21	110	2.00	1.73	
Ethylbenzene*	0.085	0.050	04/22/2022	ND	2.10	105	2.00	1.95	
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.55	109	6.00	1.53	
Total BTEx	0.609	0.300	04/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

TPH 8015M		mg/kg	Analyzed By: CK/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2022	ND	200	100	200	0.194	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	195	97.7	200	3.00	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 106 % 59.5-142

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Analytical Results For:

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

Received: 04/22/2022
 Reported: 04/25/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 04/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 3 @ 2' (H221666-10)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2022	ND	2.22	111	2.00	2.00		
Toluene*	0.051	0.050	04/22/2022	ND	2.21	110	2.00	1.73		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.10	105	2.00	1.95		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.55	109	6.00	1.53		
Total BTEx	<0.300	0.300	04/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

TPH 8015M		mg/kg	Analyzed By: CK/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2022	ND	200	100	200	0.194	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	195	97.7	200	3.00	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 99.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

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Analytical Results For:

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

Received: 04/22/2022
 Reported: 04/25/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 04/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 4 @ S-6" (H221666-11)

BTEx 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.081	0.050	04/22/2022	ND	2.22	111	2.00	2.00	
Toluene*	0.687	0.050	04/22/2022	ND	2.21	110	2.00	1.73	
Ethylbenzene*	1.06	0.050	04/22/2022	ND	2.10	105	2.00	1.95	
Total Xylenes*	1.39	0.150	04/22/2022	ND	6.55	109	6.00	1.53	
Total BTEX	3.22	0.300	04/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

TPH 8015M		mg/kg	Analyzed By: CK/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	10.9	10.0	04/23/2022	ND	200	100	200	0.194	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	195	97.7	200	3.00	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 98.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

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Received: 04/22/2022
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 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 04/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 4 @ 2' (H221666-12)

BTX 8021B			mg/kg							
			Analyzed By: MS/							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2022	ND	2.22	111	2.00	2.00		
Toluene*	<0.050	0.050	04/22/2022	ND	2.21	110	2.00	1.73		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.10	105	2.00	1.95		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.55	109	6.00	1.53		
Total BTX	<0.300	0.300	04/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

TPH 8015M			mg/kg							
			Analyzed By: CK/							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/23/2022	ND	200	100	200	0.194		
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	195	97.7	200	3.00		
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND						

Surrogate: 1-Chlorooctane 111 % 66.9-136

Surrogate: 1-Chlorooctadecane 116 % 59.5-142

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 DENVER CO, 80221
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Received: 04/22/2022
 Reported: 04/25/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 04/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 4 @ 4' (H221666-13)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2022	ND	2.22	111	2.00	2.00		
Toluene*	<0.050	0.050	04/22/2022	ND	2.21	110	2.00	1.73		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.10	105	2.00	1.95		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.55	109	6.00	1.53		
Total BTEx	<0.300	0.300	04/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

TPH 8015M		mg/kg	Analyzed By: CK/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2022	ND	200	100	200	0.194	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	195	97.7	200	3.00	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 93.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.9 % 59.5-142

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 DENVER CO, 80221
 Fax To:

Received: 04/22/2022
 Reported: 04/25/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 04/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 5 @ S-6" (H221666-14)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.303	0.050	04/25/2022	ND	2.22	111	2.00	2.00	
Toluene*	1.95	0.050	04/25/2022	ND	2.21	110	2.00	1.73	
Ethylbenzene*	1.74	0.050	04/25/2022	ND	2.10	105	2.00	1.95	
Total Xylenes*	2.46	0.150	04/25/2022	ND	6.55	109	6.00	1.53	
Total BTX	6.45	0.300	04/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

TPH 8015M		mg/kg		Analyzed By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	31.9	10.0	04/23/2022	ND	200	100	200	0.194	
DRO >C10-C28*	34.4	10.0	04/23/2022	ND	195	97.7	200	3.00	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 108 % 66.9-136

Surrogate: 1-Chlorooctadecane 105 % 59.5-142

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Received: 04/22/2022
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 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 04/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 5 @ 2' (H221666-15)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2022	ND	2.22	111	2.00	2.00	
Toluene*	<0.050	0.050	04/22/2022	ND	2.21	110	2.00	1.73	
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.10	105	2.00	1.95	
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.55	109	6.00	1.53	
Total BTX	<0.300	0.300	04/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2022	ND	224	112	200	4.96	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	243	121	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 113 % 66.9-136

Surrogate: 1-Chlorooctadecane 120 % 59.5-142

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Received: 04/22/2022
 Reported: 04/25/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 04/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 5 @ 4' (H221666-16)

BTEx 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2022	ND	2.22	111	2.00	2.00	
Toluene*	<0.050	0.050	04/22/2022	ND	2.21	110	2.00	1.73	
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.10	105	2.00	1.95	
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.55	109	6.00	1.53	
Total BTEX	<0.300	0.300	04/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2022	ND	224	112	200	4.96	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	243	121	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 100 % 66.9-136

Surrogate: 1-Chlorooctadecane 110 % 59.5-142

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Received: 04/22/2022
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 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 04/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 6 @ S-6" (H221666-17)

BTEx 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.067	0.050	04/22/2022	ND	2.22	111	2.00	2.00	
Toluene*	0.356	0.050	04/22/2022	ND	2.21	110	2.00	1.73	
Ethylbenzene*	0.403	0.050	04/22/2022	ND	2.10	105	2.00	1.95	
Total Xylenes*	0.626	0.150	04/22/2022	ND	6.55	109	6.00	1.53	
Total BTEx	1.45	0.300	04/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2022	ND	224	112	200	4.96	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	243	121	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 107 % 66.9-136

Surrogate: 1-Chlorooctadecane 115 % 59.5-142

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Received: 04/22/2022
 Reported: 04/25/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 04/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 6 @ 2' (H221666-18)

BTEx 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2022	ND	2.22	111	2.00	2.00	
Toluene*	<0.050	0.050	04/22/2022	ND	2.21	110	2.00	1.73	
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.10	105	2.00	1.95	
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.55	109	6.00	1.53	
Total BTEx	<0.300	0.300	04/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2022	ND	224	112	200	4.96	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	243	121	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 112 % 59.5-142

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 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 04/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 6 @ 4' (H221666-19)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2022	ND	2.22	111	2.00	2.00		
Toluene*	<0.050	0.050	04/22/2022	ND	2.21	110	2.00	1.73		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.10	105	2.00	1.95		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.55	109	6.00	1.53		
Total BTEx	<0.300	0.300	04/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 69.9-140

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2022	ND	224	112	200	4.96	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	243	121	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 114 % 66.9-136

Surrogate: 1-Chlorooctadecane 123 % 59.5-142

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 Fax To:

Received: 04/22/2022
 Reported: 04/25/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 04/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 7 @ S-6" (H221666-20)

BTEx 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.096	0.050	04/22/2022	ND	2.22	111	2.00	2.00	
Toluene*	1.24	0.050	04/22/2022	ND	2.21	110	2.00	1.73	
Ethylbenzene*	1.07	0.050	04/22/2022	ND	2.10	105	2.00	1.95	
Total Xylenes*	0.760	0.150	04/22/2022	ND	6.55	109	6.00	1.53	
Total BTEx	3.16	0.300	04/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

TPH 8015M		mg/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	10.1	10.0	04/23/2022	ND	224	112	200	4.96	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	243	121	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 114 % 66.9-136

Surrogate: 1-Chlorooctadecane 124 % 59.5-142

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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: 04/22/2022
 Reported: 04/25/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 04/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 7 @ 2' (H221666-21)

BTEx 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2022	ND	2.23	111	2.00	0.306	
Toluene*	<0.050	0.050	04/22/2022	ND	2.21	111	2.00	0.261	
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.16	108	2.00	1.11	
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.71	112	6.00	1.11	
Total BTEX	<0.300	0.300	04/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2022	ND	224	112	200	4.96	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	243	121	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 107 % 66.9-136

Surrogate: 1-Chlorooctadecane 118 % 59.5-142

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

Received: 04/22/2022
 Reported: 04/25/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 04/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 7 @ 4' (H221666-22)

BTEX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2022	ND	2.23	111	2.00	0.306		
Toluene*	<0.050	0.050	04/22/2022	ND	2.21	111	2.00	0.261		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.16	108	2.00	1.11		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.71	112	6.00	1.11		
Total BTEX	<0.300	0.300	04/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2022	ND	224	112	200	4.96	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	243	121	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 104 % 66.9-136

Surrogate: 1-Chlorooctadecane 114 % 59.5-142

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

Received: 04/22/2022
 Reported: 04/25/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 04/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 8 @ S-6" (H221666-23)

BTX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.205	0.050	04/22/2022	ND	2.23	111	2.00	0.306	
Toluene*	2.31	0.050	04/22/2022	ND	2.21	111	2.00	0.261	
Ethylbenzene*	0.492	0.050	04/22/2022	ND	2.16	108	2.00	1.11	
Total Xylenes*	0.220	0.150	04/22/2022	ND	6.71	112	6.00	1.11	
Total BTX	3.23	0.300	04/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2022	ND	224	112	200	4.96	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	243	121	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 116 % 59.5-142

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 DENVER CO, 80221
 Fax To:

Received: 04/22/2022
 Reported: 04/25/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 04/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 8 @ 2' (H221666-24)

BTEx 8021B			mg/kg							
			Analyzed By: MS\							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2022	ND	2.23	111	2.00	0.306		
Toluene*	<0.050	0.050	04/22/2022	ND	2.21	111	2.00	0.261		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.16	108	2.00	1.11		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.71	112	6.00	1.11		
Total BTEX	<0.300	0.300	04/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

TPH 8015M			mg/kg							
			Analyzed By: CK							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/23/2022	ND	224	112	200	4.96		
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	243	121	200	2.47		
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND						

Surrogate: 1-Chlorooctane 108 % 66.9-136

Surrogate: 1-Chlorooctadecane 119 % 59.5-142

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 KYLE NORMAN
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 DENVER CO, 80221
 Fax To:

Received: 04/22/2022
 Reported: 04/25/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 04/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 8 @ 4' (H221666-25)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2022	ND	2.23	111	2.00	0.306		
Toluene*	<0.050	0.050	04/22/2022	ND	2.21	111	2.00	0.261		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.16	108	2.00	1.11		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.71	112	6.00	1.11		
Total BTEX	<0.300	0.300	04/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2022	ND	224	112	200	4.96	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	243	121	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 114 % 66.9-136

Surrogate: 1-Chlorooctadecane 124 % 59.5-142

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Analytical Results For:

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

Received: 04/22/2022
 Reported: 04/25/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 04/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 9 @ S-6" (H221666-26)

BTEx 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.066	0.050	04/22/2022	ND	2.23	111	2.00	0.306	
Toluene*	0.322	0.050	04/22/2022	ND	2.21	111	2.00	0.261	
Ethylbenzene*	0.064	0.050	04/22/2022	ND	2.16	108	2.00	1.11	
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.71	112	6.00	1.11	
Total BTEX	0.452	0.300	04/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2022	ND	224	112	200	4.96	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	243	121	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 106 % 66.9-136

Surrogate: 1-Chlorooctadecane 115 % 59.5-142

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

Received: 04/22/2022
 Reported: 04/25/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 04/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 9 @ 2' (H221666-27)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2022	ND	2.23	111	2.00	0.306		
Toluene*	<0.050	0.050	04/22/2022	ND	2.21	111	2.00	0.261		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.16	108	2.00	1.11		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.71	112	6.00	1.11		
Total BTEx	<0.300	0.300	04/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2022	ND	224	112	200	4.96	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	243	121	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 99.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 108 % 59.5-142

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Analytical Results For:

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

Received: 04/22/2022
 Reported: 04/25/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 04/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 9 @ 4' (H221666-28)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2022	ND	2.23	111	2.00	0.306		
Toluene*	<0.050	0.050	04/22/2022	ND	2.21	111	2.00	0.261		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.16	108	2.00	1.11		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.71	112	6.00	1.11		
Total BTEx	<0.300	0.300	04/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2022	ND	224	112	200	4.96	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	243	121	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 99.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 113 % 59.5-142

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

Received: 04/22/2022
 Reported: 04/25/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 04/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 10 @ S-6" (H221666-29)

BTEx 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.285	0.050	04/22/2022	ND	2.23	111	2.00	0.306	
Toluene*	3.48	0.050	04/22/2022	ND	2.21	111	2.00	0.261	
Ethylbenzene*	3.05	0.050	04/22/2022	ND	2.16	108	2.00	1.11	
Total Xylenes*	2.25	0.150	04/22/2022	ND	6.71	112	6.00	1.11	
Total BTEX	9.06	0.300	04/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

TPH 8015M		mg/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	30.0	10.0	04/23/2022	ND	224	112	200	4.96	
DRO >C10-C28*	17.3	10.0	04/23/2022	ND	243	121	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 112 % 66.9-136

Surrogate: 1-Chlorooctadecane 125 % 59.5-142

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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: 04/22/2022
 Reported: 04/25/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 04/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 10 @ 2' (H221666-30)

BTX 8021B			mg/kg							
			Analyzed By: MS\							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2022	ND	2.23	111	2.00	0.306		
Toluene*	<0.050	0.050	04/22/2022	ND	2.21	111	2.00	0.261		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.16	108	2.00	1.11		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.71	112	6.00	1.11		
Total BTX	<0.300	0.300	04/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

TPH 8015M			mg/kg							
			Analyzed By: CK							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/23/2022	ND	224	112	200	4.96		
DRO >C10-C28*	14.0	10.0	04/23/2022	ND	243	121	200	2.47		
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND						

Surrogate: 1-Chlorooctane 111 % 66.9-136

Surrogate: 1-Chlorooctadecane 124 % 59.5-142

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

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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



CARDINAL LABORATORIES

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Tasman Geosciences, LLC				BILL TO				ANALYSIS REQUEST																
Project Manager: Kyle Norman				P.O. #:				Hold Chlorides	TPH 8015 M	BTEX	Texas TPH	CompleteCations/Anions	TDS	HOLD	24 Hour RUSH									
Address: 2620 W Marland Blvd				Company: Tasman Geo																				
City: Hobbs State: NM Zip: 88240				Attn: Kyle Norman																				
Phone #: 575-318-5017 Fax #:				Address: 2620 W. Marland																				
Project #: nAPP2208155134 Project Owner: DCP Midstream				City: Hobbs																				
Project Name: DCP				State: NM Zip: 88240																				
Project Location: J-8-2 Line Leak				Phone #: 575-318-5017																				
Sampler Name: Becky Griffin				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										
#22116464																								
11	V-4 @ S-6"		1			✓				✓			4/21/22	12:40	✓	✓	✓					✓		
12	V-4 @ 2'		1			✓				✓			4/21/22	12:50	✓	✓	✓					✓		
13	V-4 @ 4'		1			✓				✓			4/21/22	13:00	✓	✓	✓					✓		
14	V-5 @ S-6"		1			✓				✓			4/21/22	13:10	✓	✓	✓					✓		
15	V-5 @ 2'		1			✓				✓			4/21/22	13:20	✓	✓	✓					✓		
16	V-5 @ 4'		1			✓				✓			4/21/22	13:30	✓	✓	✓					✓		
17	V-6 @ S-6"		1			✓				✓			4/21/22	13:40	✓	✓	✓					✓		
18	V-6 @ 2'		1			✓				✓			4/21/22	13:50	✓	✓	✓					✓		
19	V-6 @ 4'		1			✓				✓			4/21/22	14:00	✓	✓	✓					✓		
20	V-7 @ S-6"		1			✓				✓			4/21/22	14:10	✓	✓	✓					✓		

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Relinquished By:	Date: 4-22-22	Received By:	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
<i>Becky Griffin</i>	Time: 11:58	<i>Skodriem</i>	Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:		email results to: knorman@tasman-geo.com, bgriffin@tasman-geo.com, Cook, JohnW<JWCook@dcpmidstream.com>Hyman,AlbertL <ALHyman@dcpmidstream.com> Hyman, Janice L <JHyman@dcpmidstream.com>	
Delivered By: (Circle One)	-118 C-O-58	Sample Condition	CHECKED BY: (Initials)	
Sampler - UPS - Bus - Other:	-11.58 #113	Cool Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No	<i>OK</i>	

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Tasman Geosciences, LLC				BILL TO				ANALYSIS REQUEST																		
Project Manager: Kyle Norman				P.O. #:				<div>Hold Chlorides</div> <div>TPH 8015 M</div> <div>BTEX</div> <div>Texas TPH</div> <div>CompleteCations/Anions</div> <div>TDS</div> <div>HOLD</div> <div>24 Hour RUSH</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 #: nAPP2208155134 Project Owner: DCP Midstream				City: Hobbs																						
Project Name: DCP				State: NM Zip: 88240																						
Project Location: J-8-2 Line Leak				Phone #: 575-318-5017																						
Sampler Name: Becky Griffin				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															
H221664																										
21		V-7 @ 2'				1							4/21/22 14:40													
22		V-7 @ 4'				1							4/21/22 14:50													
23		V- 8 @ S-6"				1							4/21/22 15:00													
24		V- 8 @ 2'				1							4/21/22 15:10													
25		V- 8 @ 4'				1							4/21/22 15:20													
26		V- 9 @ S-6"				1							4/21/22 15:30													
27		V- 9 @ 2'				1							4/21/22 16:00													
28		V- 9 @ 4'				1							4/21/22 16:10													
29		V- 10 @ S-6"				1							4/21/22 16:20													
30		V- 10 @ 2'				1							4/21/22 16:30													
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Relinquished By: Becky Griffin				Date: 4-22-22 Received By: J. Rodriguez				Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				Add'l Phone #:														
Relinquished By: [Signature]				Date: 1158 Received By: [Signature]				Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				Add'l Fax #:														
Delivered By: (Circle One) -118 C-0-58				Sample Condition Cool Intact				CHECKED BY: (Initials) JRG				email results to: knorman@tasman-geo.com, bgriffin@tasman-geo.com, Cook, JohnW@JWCook@dcpmidstream.com>Hyman,AlbertL <ALHyman@dcpmidstream.com> Hyman, Janice L <JHyman@dcpmidstream.com>														
Sampler - UPS - Bus - Other: (-11.58 #113)				Yes No Yes No																						

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

April 25, 2022

KYLE NORMAN

TASMAN GEOSCIENCES

6899 PECOS ST. UNIT C

DENVER, CO 80221

RE: DCP - J-8-2 LINE LEAK

Enclosed are the results of analyses for samples received by the laboratory on 04/22/22 14:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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: 04/22/2022
 Reported: 04/25/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 04/22/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: HA - 1 @ 15' (H221668-01)

BTEX 8021B	mg/kg	Analyzed By: MS/						S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.172	0.050	04/25/2022	ND	2.23	111	2.00	0.306	
Toluene*	4.83	0.050	04/25/2022	ND	2.21	111	2.00	0.261	
Ethylbenzene*	9.22	0.050	04/25/2022	ND	2.16	108	2.00	1.11	
Total Xylenes*	13.9	0.150	04/25/2022	ND	6.71	112	6.00	1.11	
Total BTEX	28.1	0.300	04/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 186 % 69.9-140

TPH 8015M	mg/kg	Analyzed By: JH							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	187	10.0	04/25/2022	ND	222	111	200	9.16	
DRO >C10-C28*	611	10.0	04/25/2022	ND	201	100	200	9.23	
EXT DRO >C28-C36	101	10.0	04/25/2022	ND					

Surrogate: 1-Chlorooctane 96.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 59.5-142

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

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager





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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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Relinquished By: 		Date: 4-22-22		Received By: 		Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Add'l Phone #:	
Time: 1435		Date:		Received By:		Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Add'l Fax #:	
Relinquished By:		Date:		Received By:		REMARKS: email results to: knorman@tasman-geo.com, bgriffin@tasman-geo.com, Cook, JohnW<JWCook@dcpmidstream.com>Hyman,AlbertL <ALHyman@dcpmidstream.com> Hyman, Janice L <JHyman@dcpmidstream.com>			
Time:		Date:		Received By:					
Delivered By: (Circle One) 6.2e C-0.5e		Sample Condition		CHECKED BY: (Initials)					
Sampler - UPS - Bus - Other: 6.2e #113		Cool Intact		Y.O.					
		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					

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

May 06, 2022

KYLE NORMAN

TASMAN GEOSCIENCES

6899 PECOS ST. UNIT C

DENVER, CO 80221

RE: DCP - J-8-2 LINE LEAK

Enclosed are the results of analyses for samples received by the laboratory on 05/03/22 9:48.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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 "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly distinguishable.

Mike Snyder For 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: 05/03/2022
 Reported: 05/06/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 05/02/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: HA - 1 @ 17' (H221821-01)

BTX 8021B			mg/kg							
			Analyzed By: MS/							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/03/2022	ND	2.06	103	2.00	2.33		
Toluene*	<0.050	0.050	05/03/2022	ND	2.06	103	2.00	2.12		
Ethylbenzene*	<0.050	0.050	05/03/2022	ND	1.97	98.3	2.00	3.00		
Total Xylenes*	<0.150	0.150	05/03/2022	ND	6.14	102	6.00	3.09		
Total BTX	<0.300	0.300	05/03/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	05/03/2022	ND	219	109	200	0.213		
DRO >C10-C28*	<10.0	10.0	05/03/2022	ND	225	112	200	0.674		
EXT DRO >C28-C36	<10.0	10.0	05/03/2022	ND						

Surrogate: 1-Chlorooctane 96.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.9 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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Mike Snyder For 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: 05/03/2022
 Reported: 05/06/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 05/02/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: HA - 1 @ 19' (H221821-02)

BTEx 8021B			mg/kg							
			Analyzed By: MS/							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/03/2022	ND	2.06	103	2.00	2.33		
Toluene*	<0.050	0.050	05/03/2022	ND	2.06	103	2.00	2.12		
Ethylbenzene*	<0.050	0.050	05/03/2022	ND	1.97	98.3	2.00	3.00		
Total Xylenes*	<0.150	0.150	05/03/2022	ND	6.14	102	6.00	3.09		
Total BTEX	<0.300	0.300	05/03/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

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	05/03/2022	ND	219	109	200	0.213		
DRO >C10-C28*	<10.0	10.0	05/03/2022	ND	225	112	200	0.674		
EXT DRO >C28-C36	<10.0	10.0	05/03/2022	ND						

Surrogate: 1-Chlorooctane 97.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

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Mike Snyder For 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: 05/03/2022
 Reported: 05/06/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 05/02/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: HA - 1 @ 21' (H221821-03)

BTX 8021B			mg/kg							
			Analyzed By: MS/							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	0.075	0.050	05/03/2022	ND	2.06	103	2.00	2.33		
Toluene*	0.246	0.050	05/03/2022	ND	2.06	103	2.00	2.12		
Ethylbenzene*	0.153	0.050	05/03/2022	ND	1.97	98.3	2.00	3.00		
Total Xylenes*	<0.150	0.150	05/03/2022	ND	6.14	102	6.00	3.09		
Total BTX	0.581	0.300	05/03/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

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	05/03/2022	ND	219	109	200	0.213		
DRO >C10-C28*	<10.0	10.0	05/03/2022	ND	225	112	200	0.674		
EXT DRO >C28-C36	<10.0	10.0	05/03/2022	ND						

Surrogate: 1-Chlorooctane 109 % 66.9-136

Surrogate: 1-Chlorooctadecane 113 % 59.5-142

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Analytical Results For:

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

Received: 05/03/2022
 Reported: 05/06/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 05/02/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 5 @ 13' (H221821-06)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	7.49	0.500	05/03/2022	ND	2.06	103	2.00	2.33	
Toluene*	52.5	0.500	05/03/2022	ND	2.06	103	2.00	2.12	
Ethylbenzene*	73.2	0.500	05/03/2022	ND	1.97	98.3	2.00	3.00	
Total Xylenes*	88.8	1.50	05/03/2022	ND	6.14	102	6.00	3.09	
Total BTX	222	3.00	05/03/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 69.9-140

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	864	10.0	05/03/2022	ND	219	109	200	0.213		
DRO >C10-C28*	768	10.0	05/03/2022	ND	225	112	200	0.674		
EXT DRO >C28-C36	99.1	10.0	05/03/2022	ND						

Surrogate: 1-Chlorooctane 173 % 66.9-136

Surrogate: 1-Chlorooctadecane 164 % 59.5-142

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Analytical Results For:

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

Received: 05/03/2022
 Reported: 05/06/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 05/02/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 5 @ 15' (H221821-07)

BTEx 8021B			mg/kg							
			Analyzed By: MS/							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/05/2022	ND	2.09	104	2.00	0.731		
Toluene*	<0.050	0.050	05/05/2022	ND	2.08	104	2.00	0.756		
Ethylbenzene*	<0.050	0.050	05/05/2022	ND	2.00	99.9	2.00	0.916		
Total Xylenes*	<0.150	0.150	05/05/2022	ND	6.23	104	6.00	1.72		
Total BTEX	<0.300	0.300	05/05/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	05/05/2022	ND	205	103	200	7.55		
DRO >C10-C28*	<10.0	10.0	05/05/2022	ND	197	98.4	200	7.96		
EXT DRO >C28-C36	<10.0	10.0	05/05/2022	ND						

Surrogate: 1-Chlorooctane 75.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 76.7 % 59.5-142

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Analytical Results For:

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

Received: 05/03/2022
 Reported: 05/06/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 05/02/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 5 @ 17' (H221821-08)

BTEx 8021B			mg/kg							
			Analyzed By: MS/							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/05/2022	ND	2.09	104	2.00	0.731		
Toluene*	<0.050	0.050	05/05/2022	ND	2.08	104	2.00	0.756		
Ethylbenzene*	0.083	0.050	05/05/2022	ND	2.00	99.9	2.00	0.916		
Total Xylenes*	0.180	0.150	05/05/2022	ND	6.23	104	6.00	1.72		
Total BTEX	<0.300	0.300	05/05/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

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	05/05/2022	ND	205	103	200	7.55		
DRO >C10-C28*	17.7	10.0	05/05/2022	ND	197	98.4	200	7.96		
EXT DRO >C28-C36	<10.0	10.0	05/05/2022	ND						

Surrogate: 1-Chlorooctane 93.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.8 % 59.5-142

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Analytical Results For:

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

Received: 05/03/2022
 Reported: 05/06/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 05/02/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 5 @ 19' (H221821-09)

BTEx 8021B			mg/kg							
			Analyzed By: MS/							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/05/2022	ND	2.09	104	2.00	0.731		
Toluene*	<0.050	0.050	05/05/2022	ND	2.08	104	2.00	0.756		
Ethylbenzene*	<0.050	0.050	05/05/2022	ND	2.00	99.9	2.00	0.916		
Total Xylenes*	<0.150	0.150	05/05/2022	ND	6.23	104	6.00	1.72		
Total BTEX	<0.300	0.300	05/05/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

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	05/05/2022	ND	205	103	200	7.55		
DRO >C10-C28*	<10.0	10.0	05/05/2022	ND	197	98.4	200	7.96		
EXT DRO >C28-C36	<10.0	10.0	05/05/2022	ND						

Surrogate: 1-Chlorooctane 98.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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Analytical Results For:

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

Received: 05/03/2022
 Reported: 05/06/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 05/02/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 5 @ 21' (H221821-10)

BTX 8021B			mg/kg							
			Analyzed By: MS/							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	0.276	0.050	05/03/2022	ND	2.06	103	2.00	2.33		
Toluene*	1.80	0.050	05/03/2022	ND	2.06	103	2.00	2.12		
Ethylbenzene*	1.37	0.050	05/03/2022	ND	1.97	98.3	2.00	3.00		
Total Xylenes*	1.76	0.150	05/03/2022	ND	6.14	102	6.00	3.09		
Total BTX	5.21	0.300	05/03/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	42.5	10.0	05/03/2022	ND	219	109	200	0.213		
DRO >C10-C28*	26.3	10.0	05/03/2022	ND	225	112	200	0.674		
EXT DRO >C28-C36	<10.0	10.0	05/03/2022	ND						

Surrogate: 1-Chlorooctane 107 % 66.9-136

Surrogate: 1-Chlorooctadecane 109 % 59.5-142

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Analytical Results For:

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

Received: 05/03/2022
 Reported: 05/06/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 05/02/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SOUTH WALL - WEST (H221821-11)

TPH 8015M	mg/kg	Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	51.2	10.0	05/03/2022	ND	219	109	200	0.213	
DRO >C10-C28*	444	10.0	05/03/2022	ND	225	112	200	0.674	
EXT DRO >C28-C36	63.8	10.0	05/03/2022	ND					

Surrogate: 1-Chlorooctane 117 % 66.9-136

Surrogate: 1-Chlorooctadecane 137 % 59.5-142

Sample ID: SOUTH WALL - EAST (H221821-12)

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	05/03/2022	ND	219	109	200	0.213	
DRO >C10-C28*	197	10.0	05/03/2022	ND	225	112	200	0.674	
EXT DRO >C28-C36	44.4	10.0	05/03/2022	ND					

Surrogate: 1-Chlorooctane 95.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 114 % 59.5-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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 "Mike Snyder", is written over a horizontal line.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Tasman Geosciences, LLC				BILL TO				ANALYSIS REQUEST				
Project Manager: Kyle Norman				P.O. #:				<div style="display: flex; flex-direction: column; align-items: center;"> <div>Chlorides</div> <div>TPH 8015 M</div> <div>BTEX</div> <div>Texas TPH</div> <div>Complete Cations/Anions</div> <div>TDS</div> <div>HOLD</div> <div>24 Hour 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 #: nAPP2208155134 Project Owner: DCP Midstream				City: Hobbs								
Project Name: DCP				State: NM Zip: 88240								
Project Location: J-8-2 Line Leak				Phone #: 575-318-5017								
Sampler Name: Becky Griffin				Fax #:								
FOR LAB USE ONLY				MATRIX		PRESERV		SAMPLING				
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER
4221821												
1	HA - 1 @ 17'		1			✓				✓		
2	HA - 1 @ 19'		1			✓				✓		
3	HA - 1 @ 21'		1			✓				✓		
4	V- 5 @ 9'		1			✓				✓		
5	V- 5 @ 11'		1			✓				✓		
6	V- 5 @ 13'		1			✓				✓		
7	V- 5 @ 15'		1			✓				✓		
8	V- 5 @ 17'		1			✓				✓		
9	V- 5 @ 19'		1			✓				✓		
10	V- 5 @ 21'		1			✓				✓		

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Relinquished By:	Date: 5-3-22	Received By:	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
Time: 09:48			Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
Time:			email results to: knorman@tasman-geo.com, bgriffin@tasman-geo.com, Cook, JohnW<JWCook@dcpmidstream.com>Hyman, Albert L <ALHyman@dcpmidstream.com> Hyman, Janice L <JHyman@dcpmidstream.com>	
Delivered By: (Circle One) -10°C -0.58	Sample Condition	CHECKED BY: (Initials)		
Sampler - UPS - Bus - Other: -10.5°C #113	Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

May 09, 2022

KYLE NORMAN

TASMAN GEOSCIENCES

6899 PECOS ST. UNIT C

DENVER, CO 80221

RE: DCP - J-8-2 LINE LEAK

Enclosed are the results of analyses for samples received by the laboratory on 05/06/22 13:38.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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: 05/06/2022
 Reported: 05/09/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 05/03/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 5 @ 22' (H221922-01)

BTEx 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2022	ND	2.09	104	2.00	7.55	
Toluene*	<0.050	0.050	05/06/2022	ND	2.09	104	2.00	8.31	
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	1.98	99.0	2.00	7.16	
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.18	103	6.00	7.05	
Total BTEx	<0.300	0.300	05/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

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	05/07/2022	ND	195	97.5	200	3.84	
DRO >C10-C28*	17.4	10.0	05/07/2022	ND	204	102	200	2.71	
EXT DRO >C28-C36	<10.0	10.0	05/07/2022	ND					

Surrogate: 1-Chlorooctane 76.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.2 % 59.5-142

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

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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*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



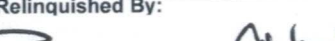


CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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

Relinquished By: 		Date: 5-6-22		Received By: 		Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Add'l Phone #:	
Time: 1338		Date:		Received By:		Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Add'l Fax #:	
Relinquished By:		Time:		Sample Condition		REMARKS: email results to: knorman@tasman-geo.com, bgriffin@tasman-geo.com, Cook, JohnW<JWCook@dcpmidstream.com>Hyman,AlbertL <ALHyman@dcpmidstream.com> Hyman, Janice L <JHyman@dcpmidstream.com>			
Delivered By: (Circle One) -0.8°C -0.5°C		Cool Intact		CHECKED BY: (Initials)					
Sampler - UPS - Bus - Other: -1.3°C #113		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No							

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



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

May 25, 2022

KYLE NORMAN

TASMAN GEOSCIENCES

6899 PECOS ST. UNIT C

DENVER, CO 80221

RE: DCP - J-8-2 LINE LEAK

Enclosed are the results of analyses for samples received by the laboratory on 05/24/22 15:43.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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: 05/24/2022
 Reported: 05/25/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 05/24/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 5 PT COMP BOTTOM - 1 @ 22' (H222206-01)

BTEX 8021B		mg/kg	Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/25/2022	ND	2.15	108	2.00	10.2	
Toluene*	<0.050	0.050	05/25/2022	ND	2.14	107	2.00	10.6	
Ethylbenzene*	<0.050	0.050	05/25/2022	ND	2.00	100	2.00	9.58	
Total Xylenes*	<0.150	0.150	05/25/2022	ND	6.20	103	6.00	9.20	
Total BTEX	<0.300	0.300	05/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/25/2022	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	05/25/2022	ND	217	109	200	1.27	
DRO >C10-C28*	11.5	10.0	05/25/2022	ND	211	105	200	3.38	
EXT DRO >C28-C36	<10.0	10.0	05/25/2022	ND					

Surrogate: 1-Chlorooctane 90.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.4 % 59.5-142

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: 05/24/2022
 Reported: 05/25/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 05/24/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 5 PT COMP WALL - 1 @ S - 22" (H222206-02)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/25/2022	ND	2.15	108	2.00	10.2		
Toluene*	<0.050	0.050	05/25/2022	ND	2.14	107	2.00	10.6		
Ethylbenzene*	<0.050	0.050	05/25/2022	ND	2.00	100	2.00	9.58		
Total Xylenes*	<0.150	0.150	05/25/2022	ND	6.20	103	6.00	9.20		
Total BTEx	<0.300	0.300	05/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	704	16.0	05/25/2022	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	05/25/2022	ND	217	109	200	1.27	
DRO >C10-C28*	<10.0	10.0	05/25/2022	ND	211	105	200	3.38	
EXT DRO >C28-C36	<10.0	10.0	05/25/2022	ND					

Surrogate: 1-Chlorooctane 89.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.4 % 59.5-142

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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: 05/24/2022
 Reported: 05/25/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 05/24/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 5 PT COMP WALL - 2 @ S - 22" (H222206-03)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/25/2022	ND	2.15	108	2.00	10.2		
Toluene*	<0.050	0.050	05/25/2022	ND	2.14	107	2.00	10.6		
Ethylbenzene*	<0.050	0.050	05/25/2022	ND	2.00	100	2.00	9.58		
Total Xylenes*	<0.150	0.150	05/25/2022	ND	6.20	103	6.00	9.20		
Total BTEx	<0.300	0.300	05/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	576	16.0	05/25/2022	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	05/25/2022	ND	217	109	200	1.27	
DRO >C10-C28*	<10.0	10.0	05/25/2022	ND	211	105	200	3.38	
EXT DRO >C28-C36	<10.0	10.0	05/25/2022	ND					

Surrogate: 1-Chlorooctane 87.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.2 % 59.5-142

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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: 05/24/2022
 Reported: 05/25/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 05/24/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 5 PT COMP WALL - 3 @ S - 22" (H222206-04)

BTX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/25/2022	ND	2.15	108	2.00	10.2		
Toluene*	<0.050	0.050	05/25/2022	ND	2.14	107	2.00	10.6		
Ethylbenzene*	<0.050	0.050	05/25/2022	ND	2.00	100	2.00	9.58		
Total Xylenes*	<0.150	0.150	05/25/2022	ND	6.20	103	6.00	9.20		
Total BTX	<0.300	0.300	05/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	656	16.0	05/25/2022	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	05/25/2022	ND	217	109	200	1.27	
DRO >C10-C28*	<10.0	10.0	05/25/2022	ND	211	105	200	3.38	
EXT DRO >C28-C36	<10.0	10.0	05/25/2022	ND					

Surrogate: 1-Chlorooctane 82.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.2 % 59.5-142

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*=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: 05/24/2022
 Reported: 05/25/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 05/24/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 5 PT COMP WALL - 4 @ S - 22" (H222206-05)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/25/2022	ND	2.15	108	2.00	10.2		
Toluene*	<0.050	0.050	05/25/2022	ND	2.14	107	2.00	10.6		
Ethylbenzene*	<0.050	0.050	05/25/2022	ND	2.00	100	2.00	9.58		
Total Xylenes*	<0.150	0.150	05/25/2022	ND	6.20	103	6.00	9.20		
Total BTEx	<0.300	0.300	05/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	05/25/2022	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	05/25/2022	ND	217	109	200	1.27	
DRO >C10-C28*	<10.0	10.0	05/25/2022	ND	211	105	200	3.38	
EXT DRO >C28-C36	<10.0	10.0	05/25/2022	ND					

Surrogate: 1-Chlorooctane 88.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.3 % 59.5-142

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: 05/24/2022
 Reported: 05/25/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 05/24/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 5 PT COMP WALL - 5 @ S - 22" (H222206-06)

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/25/2022	ND	2.15	108	2.00	10.2		
Toluene*	<0.050	0.050	05/25/2022	ND	2.14	107	2.00	10.6		
Ethylbenzene*	<0.050	0.050	05/25/2022	ND	2.00	100	2.00	9.58		
Total Xylenes*	<0.150	0.150	05/25/2022	ND	6.20	103	6.00	9.20		
Total BTEX	<0.300	0.300	05/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	05/25/2022	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	05/25/2022	ND	217	109	200	1.27	
DRO >C10-C28*	<10.0	10.0	05/25/2022	ND	211	105	200	3.38	
EXT DRO >C28-C36	<10.0	10.0	05/25/2022	ND					

Surrogate: 1-Chlorooctane 77.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.6 % 59.5-142

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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: 05/24/2022
 Reported: 05/25/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 05/24/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 5 PT COMP WALL - 6 @ S - 22" (H222206-07)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/25/2022	ND	2.09	105	2.00	0.0790		
Toluene*	<0.050	0.050	05/25/2022	ND	2.06	103	2.00	0.982		
Ethylbenzene*	<0.050	0.050	05/25/2022	ND	1.94	96.9	2.00	0.752		
Total Xylenes*	<0.150	0.150	05/25/2022	ND	6.02	100	6.00	0.858		
Total BTEx	<0.300	0.300	05/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	05/25/2022	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	05/25/2022	ND	217	109	200	1.27	
DRO >C10-C28*	<10.0	10.0	05/25/2022	ND	211	105	200	3.38	
EXT DRO >C28-C36	<10.0	10.0	05/25/2022	ND					

Surrogate: 1-Chlorooctane 83.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.4 % 59.5-142

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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: 05/24/2022
 Reported: 05/25/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 05/24/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 5 PT COMP WALL - 7 @ S - 22" (H222206-08)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.064	0.050	05/25/2022	ND	2.09	105	2.00	0.0790	
Toluene*	0.891	0.050	05/25/2022	ND	2.06	103	2.00	0.982	
Ethylbenzene*	0.921	0.050	05/25/2022	ND	1.94	96.9	2.00	0.752	
Total Xylenes*	1.40	0.150	05/25/2022	ND	6.02	100	6.00	0.858	
Total BTX	3.28	0.300	05/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2080	16.0	05/25/2022	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*	18.0	10.0	05/25/2022	ND	217	109	200	1.27	
DRO >C10-C28*	82.3	10.0	05/25/2022	ND	211	105	200	3.38	
EXT DRO >C28-C36	<10.0	10.0	05/25/2022	ND					

Surrogate: 1-Chlorooctane 84.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.3 % 59.5-142

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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: 05/24/2022
 Reported: 05/25/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 05/24/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 5 PT COMP WALL - 8 @ S - 22" (H222206-09)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	0.156	0.050	05/25/2022	ND	2.09	105	2.00	0.0790		
Toluene*	0.687	0.050	05/25/2022	ND	2.06	103	2.00	0.982		
Ethylbenzene*	0.260	0.050	05/25/2022	ND	1.94	96.9	2.00	0.752		
Total Xylenes*	0.255	0.150	05/25/2022	ND	6.02	100	6.00	0.858		
Total BTEX	1.36	0.300	05/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	05/25/2022	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	05/25/2022	ND	217	109	200	1.27	
DRO >C10-C28*	<10.0	10.0	05/25/2022	ND	211	105	200	3.38	
EXT DRO >C28-C36	<10.0	10.0	05/25/2022	ND					

Surrogate: 1-Chlorooctane 85.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.3 % 59.5-142

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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: 05/24/2022
 Reported: 05/25/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 05/24/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: GRAB - 1 (H222206-10)

BTEx 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	21.9	5.00	05/25/2022	ND	2.09	105	2.00	0.0790	
Toluene*	276	5.00	05/25/2022	ND	2.06	103	2.00	0.982	
Ethylbenzene*	273	5.00	05/25/2022	ND	1.94	96.9	2.00	0.752	
Total Xylenes*	320	15.0	05/25/2022	ND	6.02	100	6.00	0.858	
Total BTEx	891	30.0	05/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1070	16.0	05/25/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	5320	50.0	05/25/2022	ND	217	109	200	1.27	
DRO >C10-C28*	3520	50.0	05/25/2022	ND	211	105	200	3.38	
EXT DRO >C28-C36	474	50.0	05/25/2022	ND					

Surrogate: 1-Chlorooctane 268 % 66.9-136

Surrogate: 1-Chlorooctadecane 184 % 59.5-142

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Notes and Definitions

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

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Tasman Geosciences, LLC						BILL TO								ANALYSIS REQUEST						
Project Manager: Kyle Norman						P.O. #:						<div style="display: flex; justify-content: space-around;"> <div>Chlorides TPH 8015 M</div> <div>BTEX Texas TPH</div> <div>CompleteCations/Anions</div> <div>TDS</div> <div>HOLD</div> <div>24 Hour 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 #: nAPP2208155134 Project Owner: DCP Midstream						City: Hobbs														
Project Name: DCP						State: NM Zip: 88240														
Project Location: J-8-2 Line Leak						Phone #: 575-318-5017														
Sampler Name: Kyle Norman						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													
	1	5 Pt Comp Bottom-1 @ 22'	1	✓	✓	5/24/22	09:00	✓	✓	✓										
	2	5 Pt Comp Wall - 1 @ S- 22"	1	✓	✓	5/24/22	09:10	✓	✓	✓					✓					
	3	5 Pt Comp Wall - 2 @ S- 22"	1	✓	✓	5/24/22	09:20	✓	✓	✓					✓					
	4	5 Pt Comp Wall - 3 @ S- 22"	1	✓	✓	5/24/22	09:30	✓	✓	✓					✓					
	5	5 Pt Comp Wall - 4 @ S- 22"	1	✓	✓	5/24/22	09:40	✓	✓	✓					✓					
	6	5 Pt Comp Wall - 5 @ S- 22"	1	✓	✓	5/24/22	09:50	✓	✓	✓					✓					
	7	5 Pt Comp Wall - 6 @ S- 22"	1	✓	✓	5/24/22	10:00	✓	✓	✓					✓					
	8	5 Pt Comp Wall - 7 @ S- 22"	1	✓	✓	5/24/22	10:10	✓	✓	✓					✓					
	9	5 Pt Comp Wall - 8 @ S- 22"	1	✓	✓	5/24/22	10:20	✓	✓	✓					✓					
	10	Grab -1	1	✓	✓	5/24/22	10:30	✓	✓	✓					✓					

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Relinquished By: <i>Becky H</i>		Date: <i>5-24-2008</i>		Received By: <i>S. Rodriguez</i>		Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Add'l Phone #:	
Time: <i>1543</i>		Time:		Time:		Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Add'l Fax #:	
Relinquished By:		Date:		Received By:		REMARKS:			
Time:		Time:		Time:		email results to: knorman@tasman-geo.com, bgriffin@tasman-geo.com, Cook, JohnW<JWCook@dcpmidstream.com>Hyman, Albert L <ALHyman@dcpmidstream.com> Hyman, Janice L <JHyman@dcpmidstream.com>			
Delivered By: (Circle One)		-0.9% C-0.5%		Sample Condition		CHECKED BY:		24 HR PUSH	
Sampler - UPS - Bus - Other:		-1.4% #113		Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<i>SR</i>			

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



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

May 26, 2022

KYLE NORMAN

TASMAN GEOSCIENCES

6899 PECOS ST. UNIT C

DENVER, CO 80221

RE: DCP - J-8-2 LINE LEAK

Enclosed are the results of analyses for samples received by the laboratory on 05/26/22 13:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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: 05/26/2022
 Reported: 05/26/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 05/26/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: 5 PT COMP WALL - 9 @ S - 22" (H222249-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	05/26/2022	ND	432	108	400	0.00	

Sample ID: 5 PT COMP WALL - 10 @ S - 22" (H222249-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	05/26/2022	ND	432	108	400	0.00	

Sample ID: 5 PT COMP BOTTOM - 2 @ 22' (H222249-03)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/26/2022	ND	2.10	105	2.00	0.167	
Toluene*	<0.050	0.050	05/26/2022	ND	2.07	103	2.00	0.321	
Ethylbenzene*	<0.050	0.050	05/26/2022	ND	2.04	102	2.00	0.0474	
Total Xylenes*	<0.150	0.150	05/26/2022	ND	6.31	105	6.00	0.432	
Total BTEX	<0.300	0.300	05/26/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/26/2022	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

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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: 05/26/2022
 Reported: 05/26/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 05/26/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: 5 PT COMP BOTTOM - 2 @ 22' (H222249-03)

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	05/26/2022	ND	194	97.0	200	1.27	
DRO >C10-C28*	<10.0	10.0	05/26/2022	ND	190	95.0	200	0.762	
EXT DRO >C28-C36	<10.0	10.0	05/26/2022	ND					
<hr/>									
Surrogate: 1-Chlorooctane	107 %	66.9-136							
Surrogate: 1-Chlorooctadecane	116 %	59.5-142							

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

SAME DAY!

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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Relinquished By:		Date:	Received By:	Phone Result:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
[Signature]		Time:	[Signature]	Fax Result:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Relinquished By:		Date:	Received By:	REMARKS:		
[Signature]		Time:	[Signature]	email results to: knorman@tasman-geo.com, bgriffin@tasman-geo.com, Hyman, Albert L <ALHyman@dcpmidstream.com> Weathers, Stephen W <SWWeathers@dcpmidstream.com>		
Delivered By: (Circle One)		Sample Condition	CHECKED BY:			
1.60 1.05 1.012 #113		Cool Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No	[Signature]			
Sampler - UPS - Bus - Other:						

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



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

June 13, 2022

KYLE NORMAN

TASMAN GEOSCIENCES

6899 PECOS ST. UNIT C

DENVER, CO 80221

RE: DCP - J-8-2 LINE LEAK

Enclosed are the results of analyses for samples received by the laboratory on 06/08/22 15:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at

www.tceq.texas.gov/field/ga/lab_accred_certif.html.

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

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

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

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

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

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

Sincerely,

A handwritten signature in dark ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:TASMAN GEOSCIENCES
6899 PECOS ST. UNIT C
DENVER CO, 80221Project: DCP - J-8-2 LINE LEAK
Project Number: nAPP2208155134
Project Manager: KYLE NORMAN
Fax To:Reported:
13-Jun-22 14:50

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
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GRAB - 2	H222439-01	Soil	08-Jun-22 11:00	08-Jun-22 15:25
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06/13/22 - Client added Chloride analysis on 06/13/22. This is the revised report and will replace the one sent on 06/09/22.

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: DCP - J-8-2 LINE LEAK
Project Number: nAPP2208155134
Project Manager: KYLE NORMAN
Fax To:

Reported:
13-Jun-22 14:50

GRAB - 2
H222439-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	2060915	AC	09-Jun-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	2060821	JH	09-Jun-22	8021B	
Toluene*	<0.050	0.050	mg/kg	50	2060821	JH	09-Jun-22	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	2060821	JH	09-Jun-22	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	2060821	JH	09-Jun-22	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	2060821	JH	09-Jun-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	99.1 %	69.9-140	2060821	JH	09-Jun-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	2060822	MS	09-Jun-22	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	2060822	MS	09-Jun-22	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	2060822	MS	09-Jun-22	8015B	

Surrogate: 1-Chlorooctane	118 %	66.9-136	2060822	MS	09-Jun-22	8015B	
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Surrogate: 1-Chlorooctadecane	121 %	59.5-142	2060822	MS	09-Jun-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: DCP - J-8-2 LINE LEAK
Project Number: nAPP2208155134
Project Manager: KYLE NORMAN
Fax To:

Reported:
13-Jun-22 14:50

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch 2060915 - 1:4 DI Water									
Blank (2060915-BLK1)					Prepared & Analyzed: 09-Jun-22				
Chloride	ND	16.0	mg/kg						
LCS (2060915-BS1)					Prepared & Analyzed: 09-Jun-22				
Chloride	416	16.0	mg/kg	400	104	80-120			
LCS Dup (2060915-BSD1)					Prepared & Analyzed: 09-Jun-22				
Chloride	416	16.0	mg/kg	400	104	80-120	0.00	20	

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Analytical Results For:

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

Project: DCP - J-8-2 LINE LEAK
Project Number: nAPP2208155134
Project Manager: KYLE NORMAN
Fax To:

Reported:
13-Jun-22 14:50

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2060821 - Volatiles**Blank (2060821-BLK1)**

Prepared: 08-Jun-22 Analyzed: 09-Jun-22

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0502		mg/kg	0.0500		100	69.9-140			

LCS (2060821-BS1)

Prepared: 08-Jun-22 Analyzed: 09-Jun-22

Benzene	2.05	0.050	mg/kg	2.00		102	83.4-122			
Toluene	2.04	0.050	mg/kg	2.00		102	84.2-126			
Ethylbenzene	1.92	0.050	mg/kg	2.00		96.0	84.2-121			
m,p-Xylene	4.05	0.100	mg/kg	4.00		101	89.9-126			
o-Xylene	1.94	0.050	mg/kg	2.00		96.8	84.3-123			
Total Xylenes	5.99	0.150	mg/kg	6.00		99.8	89.1-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0482		mg/kg	0.0500		96.5	69.9-140			

LCS Dup (2060821-BSD1)

Prepared: 08-Jun-22 Analyzed: 09-Jun-22

Benzene	1.96	0.050	mg/kg	2.00		98.0	83.4-122	4.40	12.6	
Toluene	1.97	0.050	mg/kg	2.00		98.6	84.2-126	3.18	13.3	
Ethylbenzene	1.84	0.050	mg/kg	2.00		91.9	84.2-121	4.37	13.9	
m,p-Xylene	3.87	0.100	mg/kg	4.00		96.6	89.9-126	4.63	13.6	
o-Xylene	1.83	0.050	mg/kg	2.00		91.5	84.3-123	5.64	14.1	
Total Xylenes	5.70	0.150	mg/kg	6.00		94.9	89.1-124	4.95	13.4	
Surrogate: 4-Bromofluorobenzene (PID)	0.0486		mg/kg	0.0500		97.3	69.9-140			

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: DCP - J-8-2 LINE LEAK
Project Number: nAPP2208155134
Project Manager: KYLE NORMAN
Fax To:

Reported:
13-Jun-22 14:50

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2060822 - General Prep - Organics**Blank (2060822-BLK1)**

Prepared & Analyzed: 08-Jun-22

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	60.8		mg/kg	50.0		122	66.9-136			
Surrogate: 1-Chlorooctadecane	61.6		mg/kg	50.0		123	59.5-142			

LCS (2060822-BS1)

Prepared & Analyzed: 08-Jun-22

GRO C6-C10	202	10.0	mg/kg	200		101	78.5-128			
DRO >C10-C28	204	10.0	mg/kg	200		102	75.8-135			
Total TPH C6-C28	406	10.0	mg/kg	400		102	81.5-127			
Surrogate: 1-Chlorooctane	69.9		mg/kg	50.0		140	66.9-136			S-04
Surrogate: 1-Chlorooctadecane	68.0		mg/kg	50.0		136	59.5-142			

LCS Dup (2060822-BSD1)

Prepared & Analyzed: 08-Jun-22

GRO C6-C10	198	10.0	mg/kg	200		99.2	78.5-128	2.04	21.4	
DRO >C10-C28	197	10.0	mg/kg	200		98.4	75.8-135	3.39	17.9	
Total TPH C6-C28	395	10.0	mg/kg	400		98.8	81.5-127	2.72	17.6	
Surrogate: 1-Chlorooctane	71.7		mg/kg	50.0		143	66.9-136			S-04
Surrogate: 1-Chlorooctadecane	70.4		mg/kg	50.0		141	59.5-142			

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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



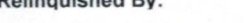


• CARDINAL LABORATORIES

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(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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Relinquished By: 		Date: 6-8-22		Received By: 		Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Add'l Phone #:	
Relinquished By:		Time: 15:25		Received By:		Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Add'l Fax #:	
Delivered By: (Circle One)		Date:		Sample Condition		REMARKS: email results to: knorman@tasman-geo.com, bggriffin@tasman-geo.com, swweathers@dcpmidstream.com, ALHyman@dcpmidstream.com, Hyman, Janice L JHyman@dcpmidstream.com			
Sampler - UPS - Bus - Other:		Time:		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/>					
Handwritten: 1113-9.4		Handwritten: 8.9c		CHECKED BY: (Initials) 					

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



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

June 09, 2022

KYLE NORMAN

TASMAN GEOSCIENCES

6899 PECOS ST. UNIT C

DENVER, CO 80221

RE: DCP - J-8-2 LINE LEAK

Enclosed are the results of analyses for samples received by the laboratory on 06/08/22 15:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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: 06/08/2022
 Reported: 06/09/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Yvonne Muniz

Sample ID: 5 PT COMP WALL - 11 @ S - 22' (H222440-01)

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	06/09/2022	ND	2.05	102	2.00	4.40	
Toluene*	<0.050	0.050	06/09/2022	ND	2.04	102	2.00	3.18	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.92	96.0	2.00	4.37	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	5.99	99.8	6.00	4.95	
Total BTEx	<0.300	0.300	06/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

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	06/09/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	181	90.3	200	3.11	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	193	96.4	200	0.552	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					

Surrogate: 1-Chlorooctane 76.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.8 % 59.5-142

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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: 06/08/2022
 Reported: 06/09/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Yvonne Muniz

Sample ID: 5 PT COMP WALL - 12 @ S - 22' (H222440-02)

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	06/09/2022	ND	2.05	102	2.00	4.40		
Toluene*	<0.050	0.050	06/09/2022	ND	2.04	102	2.00	3.18		
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.92	96.0	2.00	4.37		
Total Xylenes*	<0.150	0.150	06/09/2022	ND	5.99	99.8	6.00	4.95		
Total BTEx	<0.300	0.300	06/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

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	06/09/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	181	90.3	200	3.11	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	193	96.4	200	0.552	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					

Surrogate: 1-Chlorooctane 93.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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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: 06/08/2022
 Reported: 06/09/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Yvonne Muniz

Sample ID: 5 PT COMP WALL - 13 @ S - 22' (H222440-03)

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	06/09/2022	ND	2.05	102	2.00	4.40		
Toluene*	<0.050	0.050	06/09/2022	ND	2.04	102	2.00	3.18		
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.92	96.0	2.00	4.37		
Total Xylenes*	<0.150	0.150	06/09/2022	ND	5.99	99.8	6.00	4.95		
Total BTEX	<0.300	0.300	06/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

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	06/09/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	181	90.3	200	3.11	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	193	96.4	200	0.552	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					

Surrogate: 1-Chlorooctane 90.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.3 % 59.5-142

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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: 06/08/2022
 Reported: 06/09/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Yvonne Muniz

Sample ID: 5 PT COMP WALL - 14 @ S - 22' (H222440-04)

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	06/09/2022	ND	2.05	102	2.00	4.40		
Toluene*	<0.050	0.050	06/09/2022	ND	2.04	102	2.00	3.18		
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.92	96.0	2.00	4.37		
Total Xylenes*	<0.150	0.150	06/09/2022	ND	5.99	99.8	6.00	4.95		
Total BTEX	<0.300	0.300	06/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

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	06/09/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	181	90.3	200	3.11	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	193	96.4	200	0.552	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					

Surrogate: 1-Chlorooctane 84.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.4 % 59.5-142

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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: 06/08/2022
 Reported: 06/09/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Yvonne Muniz

Sample ID: 5 PT COMP BOTTOM - 3 @ 22' (H222440-05)

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	06/09/2022	ND	2.05	102	2.00	4.40	
Toluene*	<0.050	0.050	06/09/2022	ND	2.04	102	2.00	3.18	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.92	96.0	2.00	4.37	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	5.99	99.8	6.00	4.95	
Total BTEX	<0.300	0.300	06/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

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	06/09/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	181	90.3	200	3.11	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	193	96.4	200	0.552	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					

Surrogate: 1-Chlorooctane 95.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 105 % 59.5-142

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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: 06/08/2022
 Reported: 06/09/2022
 Project Name: DCP - J-8-2 LINE LEAK
 Project Number: nAPP2208155134
 Project Location: NONE GIVEN

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Yvonne Muniz

Sample ID: 5 PT COMP BOTTOM - 4 @ 22' (H222440-06)

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	06/09/2022	ND	2.05	102	2.00	4.40		
Toluene*	<0.050	0.050	06/09/2022	ND	2.04	102	2.00	3.18		
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.92	96.0	2.00	4.37		
Total Xylenes*	<0.150	0.150	06/09/2022	ND	5.99	99.8	6.00	4.95		
Total BTEX	<0.300	0.300	06/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

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	06/09/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	181	90.3	200	3.11	
DRO >C10-C28*	16.4	10.0	06/09/2022	ND	193	96.4	200	0.552	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					

Surrogate: 1-Chlorooctane 86.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.2 % 59.5-142

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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



CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Tasman Geosciences, LLC Project Manager: Kyle Norman Address: 2620 W Marland Blvd City: Hobbs State: NM Zip: 88240 Phone #: 575-318-5017 Fax #: Project #: nAPP2208155134 Project Owner: DCP Midstream Project Name: DCP Project Location: J-8-2 Line Leak Sampler Name: Becky Griffin				BILL TO P.O. #: Company: Tasman Geo Attn: Kyle Norman Address: 2620 W. Marland City: Hobbs State: NM Zip: 88240 Phone #: 575-318-5017 Fax #:				ANALYSIS REQUEST Chlorides TPH 8015 M BTEX Texas TPH Complete Cations/Anions TDS HOLD 24 Hour RUSH									
Lab I.D.	Sample I.D.	(GRABOR (COMP. # CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	Chlorides	TPH 8015 M	BTEX	Texas TPH	Complete Cations/Anions	TDS	HOLD	24 Hour RUSH		
H22240																	
1	5 Pt Comp Wall - 11 @ S-22'	1	GROUNDWATER			6/8/22	08:00	✓	✓	✓							
2	5 Pt Comp Wall - 12 @ S-22'	1	WASTEWATER			6/8/22	08:30	✓	✓	✓							
3	5 Pt Comp Wall - 13 @ S-22'	1	SOIL			6/8/22	09:00	✓	✓	✓							
4	5 Pt Comp Wall - 14 @ S-22'	1	OIL			6/8/22	09:30	✓	✓	✓							
5	5 Pt Comp Bottom -3 @ 22'	1	SLUDGE			6/8/22	10:00	✓	✓	✓							
6	5 Pt Comp Bottom - 4 @ 22'	1	OTHER			6/8/22	10:30	✓	✓	✓							

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Relinquished By: Relinquished By:	Date: 6-8-22 Time: 15:25 Date: Time:	Received By: Received By:	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No REMARKS: email results to: knorman@tasman-geo.com, bgriffin@tasman-geo.com, swweathers@dcpmidstream.com, ALHyman@dcpmidstream.com, Hyman, Janice L JHyman@dcpmidstream.com
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	#113 -8.9 -9.4	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

Appendix D – Manifests

Manifest # _____

SOUTH MONUMENT SURFACE WASTE FACILITY

LANDFARM - DIRT SALES

(575)390-7996 CELL (575)390-3665 CELL (575)397-6109 WORK

LEASE OPERATOR

DCP

ORIGINATING LOCATION

LEASE DCP-J-8-2

S _____ R _____ T _____

TRANSPORTER NAME & ADDRESS

Tasman (DJ Truck)

DESCRIPTION OF WASTE

Non-Hazardous Hydrocarbons

QUANTITY

48 YDS

FACILITY CONTACT:

SIGNATURE OF CONTACT

DATE

CELL NUMBER MATERIAL PLACED IN: _____

NAME OF TRANSPORTER (DRIVER):

Sergio Diaz

SIGNATURE OF DRIVER

5/4/22

DATE

DISPOSAL SITE

South Monument Surface Waste Facility
P. O. Box 418
Hobbs, NM 88241-0418
S25 T20S R36E N/2 NE/4PERMIT #NM-01-0032
N/2 NE/4 S25/T20S/R36E
575-390-7996 CELL
575-391-8391 HOME

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C regulations; and not mixed with non-exempt waste."

FACILITY REPRESENTATIVE

DATE

Manifest # _____

SOUTH MONUMENT SURFACE WASTE FACILITY
LANDFARM - DIRT SALES
(575) 390-7996 CELL (575) 390-3665 CELL (575) 397-6109 WORK

LEASE OPERATOR

DCP Midstream

ORIGINATING LOCATION

LEASE J-8-2

S _____ R _____ T _____

TRANSPORTER NAME & ADDRESS

DS Truck Services / Tasman

DESCRIPTION OF WASTE

Non-Hazardous Hydrocarbons

QUANTITY

144

YDS

FACILITY CONTACT:

SIGNATURE OF CONTACT

DATE

CELL NUMBER MATERIAL PLACED IN:

NAME OF TRANSPORTER (DRIVER):

SIGNATURE OF DRIVER

DATE

DISPOSAL SITE

South Monument Surface Waste Facility
P. O. Box 418
Hobbs, NM 88241-0418
S25 T20S R36E N/2 NE/4

PERMIT #NM-01-0032
N/2 NE/4 S25/T20S/R36E
575-390-7996 CELL
575-391-8391 HOME

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C regulations; and not mixed with non-exempt waste."

FACILITY REPRESENTATIVE

DATE

Manifest # _____

SOUTH MONUMENT SURFACE WASTE FACILITY**LANDFARM - DIRT SALES**

(575) 390-7996 CELL (575) 390-3665 CELL (575) 397-6109 WORK

LEASE OPERATOR _____

ORIGINATING LOCATION _____

LEASE J-8-2

S _____ R _____ T _____

DCP - Midstream
TRANSPORTER NAME & ADDRESS _____DJ Truck Services / Tasman
DESCRIPTION OF WASTE _____

QUANTITY _____

Non-Hazardous Hydrocarbons

96 YDS

FACILITY CONTACT: _____

SIGNATURE OF CONTACT _____

DATE _____

CELL NUMBER MATERIAL PLACED IN: _____

NAME OF TRANSPORTER (DRIVER): _____

Carlos Martinez
SIGNATURE OF DRIVER _____5/19/22
DATE _____**DISPOSAL SITE**South Monument Surface Waste Facility
P. O. Box 418
Hobbs, NM 88241-0418
S25 T20S R36E N/2 NE/4PERMIT #NM-01-0032
N/2 NE/4 S25/T20S/R36E
575-390-7996 CELL
575-391-8391 HOME

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C regulations; and not mixed with non-exempt waste."

FACILITY REPRESENTATIVE _____

DATE _____

Manifest # _____

SOUTH MONUMENT SURFACE WASTE FACILITY**LANDFARM - DIRT SALES**

(575) 390-7996 CELL (575) 390-3665 CELL (575) 397-6109 WORK

LEASE OPERATOR

DCP Midstream

ORIGINATING LOCATION

LEASE 5-8-2

S _____ R _____ T _____

TRANSPORTER NAME & ADDRESS

Tasman / DS Truck

DESCRIPTION OF WASTE

Non-Hazardous Hydrocarbons

QUANTITY

36

YDS

FACILITY CONTACT:

SIGNATURE OF CONTACT

DATE

CELL NUMBER MATERIAL PLACED IN:

NAME OF TRANSPORTER (DRIVER):

Sol Jimenez

SIGNATURE OF DRIVER

5/20/20

DATE

DISPOSAL SITESouth Monument Surface Waste Facility
P. O. Box 418
Hobbs, NM 88241-0418
S25 T20S R36E N/2 NE/4PERMIT #NM-01-0032
N/2 NE/4 S25/T20S/R36E
575-390-7996 CELL
575-391-8391 HOME

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C regulations; and not mixed with non-exempt waste."

FACILITY REPRESENTATIVE

DATE

Manifest # _____

SOUTH MONUMENT SURFACE WASTE FACILITY
LANDFARM - DIRT SALES

(575) 390-7996 CELL (575) 390-3665 CELL (575) 397-6109 WORK

LEASE OPERATOR _____

ORIGINATING LOCATION _____

LEASE 5-8-2

S _____ R _____ T _____

TRANSPORTER NAME & ADDRESS
DEPDESCRIPTION OF WASTE
DI Truckin Tarman

QUANTITY _____

Non-Hazardous Hydrocarbons

94 YDS

FACILITY CONTACT: _____

SIGNATURE OF CONTACT _____

DATE _____

CELL NUMBER MATERIAL PLACED IN: _____

NAME OF TRANSPORTER (DRIVER): _____

SIGNATURE OF DRIVER
SolDATE 5-23-22**DISPOSAL SITE**South Monument Surface Waste Facility
P. O. Box 418
Hobbs, NM 88241-0418
S25 T20S R36E N/2 NE/4PERMIT #NM-01-0032
N/2 NE/4 S25/T20S/R36E
575-390-7996 CELL
575-391-8391 HOME

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C regulations; and not mixed with non-exempt waste."

FACILITY REPRESENTATIVE _____

DATE _____

Manifest # _____

SOUTH MONUMENT SURFACE WASTE FACILITY**LANDFARM - DIRT SALES**

(575) 390-7996 CELL (575) 390-3665 CELL (575) 397-6109 WORK

LEASE OPERATOR

ORIGINATING LOCATION

LEASE J-8-2

S _____ R _____ T _____

TRANSPORTER NAME & ADDRESS

D.J. Trucking Tarman

DESCRIPTION OF WASTE

QUANTITY

Non-Hazardous Hydrocarbons

96

YDS

FACILITY CONTACT:

SIGNATURE OF CONTACT

DATE

CELL NUMBER MATERIAL PLACED IN:

NAME OF TRANSPORTER (DRIVER):

Sol

SIGNATURE OF DRIVER

6-24-22

DATE

DISPOSAL SITESouth Monument Surface Waste Facility
P. O. Box 418
Hobbs, NM 88241-0418
S25 T20S R36E N/2 NE/4PERMIT #NM-01-0032
N/2 NE/4 S25/T20S/R36E
575-390-7996 CELL
575-391-8391 HOME

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C regulations; and not mixed with non-exempt waste."

FACILITY REPRESENTATIVE

DATE

Manifest # _____

SOUTH MONUMENT SURFACE WASTE FACILITY**LANDFARM - DIRT SALES**

(575) 390-7996 CELL (575) 390-3665 CELL (575) 397-6109 WORK

LEASE OPERATOR

ORIGINATING LOCATION

LEASE J-8-2S R T

TRANSPORTER NAME & ADDRESS

15 Trucks / Ser

DESCRIPTION OF WASTE

96 yds
QUANTITY

Non-Hazardous Hydrocarbons

96 yrd YDSUlises / Sergio

FACILITY CONTACT:

SIGNATURE OF CONTACT

5/25/22
DATE

CELL NUMBER MATERIAL PLACED IN: _____

NAME OF TRANSPORTER (DRIVER):

SIGNATURE OF DRIVER

DATE

DISPOSAL SITESouth Monument Surface Waste Facility
P. O. Box 418
Hobbs, NM 88241-0418
S25 T20S R36E N/2 NE/4PERMIT #NM-01-0032
N/2 NE/4 S25/T20S/R36E
575-390-7996 CELL
575-391-8391 HOME

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FACILITY REPRESENTATIVE

DATE

Manifest # _____

SOUTH MONUMENT SURFACE WASTE FACILITY**LANDFARM - DIRT SALES**

(575) 390-7996 CELL (575) 390-3665 CELL (575) 397-6109 WORK

LEASE OPERATOR

DCP

ORIGINATING LOCATION

LEASE J-8-2

S R T

TRANSPORTER NAME & ADDRESS

TASMAN (DJ Truck)

DESCRIPTION OF WASTE

QUANTITY

Non-Hazardous Hydrocarbons

72

YDS

FACILITY CONTACT:

SIGNATURE OF CONTACT

DATE

CELL NUMBER MATERIAL PLACED IN:

NAME OF TRANSPORTER (DRIVER):

Sergio Diaz

SIGNATURE OF DRIVER

5-26-22

DATE

DISPOSAL SITE

South Monument Surface Waste Facility
P. O. Box 418
Hobbs, NM 88241-0418
S25 T20S R36E N/2 NE/4

PERMIT #NM-01-0032
N/2 NE/4 S25/T20S/R36E
575-390-7996 CELL
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FACILITY REPRESENTATIVE

DATE

Manifest # _____

SOUTH MONUMENT SURFACE WASTE FACILITY**LANDFARM - DIRT SALES**

(575) 390-7996 CELL (575) 390-3665 CELL (575) 397-6109 WORK

LEASE OPERATOR

ORIGINATING LOCATION

LEASE

J-8-2

S _____ R _____ T _____

TRANSPORTER NAME & ADDRESS

Tasman (DJ Truck Services)

DESCRIPTION OF WASTE

QUANTITY

Non-Hazardous Hydrocarbons

96

YDS

FACILITY CONTACT:

SIGNATURE OF CONTACT

DATE

CELL NUMBER MATERIAL PLACED IN:

NAME OF TRANSPORTER (DRIVER):

Sergio Diaz

SIGNATURE OF DRIVER

5/27/22

DATE

DISPOSAL SITESouth Monument Surface Waste Facility
P. O. Box 418
Hobbs, NM 88241-0418
S25 T20S R36E N/2 NE/4PERMIT #NM-01-0032
N/2 NE/4 S25/T20S/R36E
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FACILITY REPRESENTATIVE

DATE

Manifest # _____

SOUTH MONUMENT SURFACE WASTE FACILITY
LANDFARM - DIRT SALES
(575) 390-7996 CELL (575) 390-3665 CELL (575) 397-6109 WORK

LEASE OPERATOR

DCP

ORIGINATING LOCATION

LEASE J-8-2

S _____ R _____ T _____

TRANSPORTER NAME & ADDRESS

Tasman (DJ Truck Services)

DESCRIPTION OF WASTE

Non-Hazardous Hydrocarbons

QUANTITY

192

YDS

FACILITY CONTACT:

SIGNATURE OF CONTACT

DATE

CELL NUMBER MATERIAL PLACED IN:

NAME OF TRANSPORTER (DRIVER):

SIGNATURE OF DRIVER

DATE 6-2-22

DISPOSAL SITE

South Monument Surface Waste Facility
P. O. Box 418
Hobbs, NM 88241-0418
S25 T20S R36E N/2 NE/4

PERMIT #NM-01-0032
N/2 NE/4 S25/T20S/R36E
575-390-7996 CELL
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FACILITY REPRESENTATIVE

DATE

Manifest # _____

SOUTH MONUMENT SURFACE WASTE FACILITY**LANDFARM - DIRT SALES**

(575) 390-7996 CELL (575) 390-3665 CELL (575) 397-6109 WORK

LEASE OPERATOR

ORIGINATING LOCATION

LEASE J-8-2.

S _____ R _____ T _____

TRANSPORTER NAME & ADDRESS

Tasman (DJ Truck Services)

DESCRIPTION OF WASTE

QUANTITY

Non-Hazardous Hydrocarbons

72 YDS

FACILITY CONTACT:

SIGNATURE OF CONTACT

DATE

CELL NUMBER MATERIAL PLACED IN: _____

NAME OF TRANSPORTER (DRIVER):

Sergio Diaz

SIGNATURE OF DRIVER

6/1/22

DATE

DISPOSAL SITE

South Monument Surface Waste Facility
P. O. Box 418
Hobbs, NM 88241-0418
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(575) 390-7996 CELL (575) 390-3665 CELL (575) 397-6109 WORK

LEASE OPERATOR _____

ORIGINATING LOCATION _____

DJ Truck Services

LEASE J-8-2

S _____ R _____ T _____

TRANSPORTER NAME & ADDRESS _____

Tasman / DCP

DESCRIPTION OF WASTE _____

QUANTITY _____

Non-Hazardous Hydrocarbons

192 YDS

FACILITY CONTACT: _____

SIGNATURE OF CONTACT _____

DATE _____

CELL NUMBER MATERIAL PLACED IN: _____

NAME OF TRANSPORTER (DRIVER): _____

SIGNATURE OF DRIVER _____

DATE _____

DISPOSAL SITE

South Monument Surface Waste Facility

P. O. Box 418

Hobbs, NM 88241-0418

S25 T20S R36E N/2 NE/4

PERMIT #NM-01-0032

N/2 NE/4 S25/T20S/R36E

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DATE _____

Manifest # _____

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LANDFARM - DIRT SALES

(575)390-7996 CELL (575)390-3665 CELL (575)397-6109 WORK

LEASE OPERATOR

ORIGINATING LOCATION

DJ Truck Services

LEASE J-8-2

TRANSPORTER NAME & ADDRESS

S _____ R _____ T _____

Tasman / DCP

DESCRIPTION OF WASTE

QUANTITY

Non-Hazardous Hydrocarbons

96 YDS

FACILITY CONTACT:

SIGNATURE OF CONTACT

DATE

CELL NUMBER MATERIAL PLACED IN:

NAME OF TRANSPORTER (DRIVER):

SIGNATURE OF DRIVER

DATE

DISPOSAL SITESouth Monument Surface Waste Facility
P. O. Box 418
Hobbs, NM 88241-0418
S25 T20S R36E N/2 NE/4PERMIT #NM-01-0032
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FACILITY REPRESENTATIVE

DATE

Manifest # _____

SOUTH MONUMENT SURFACE WASTE FACILITY
LANDFARM - DIRT SALES
(575) 390-7996 CELL (575) 390-3665 CELL (575) 397-6109 WORK

LEASE OPERATOR

DCP

ORIGINATING LOCATION

LEASE J-8-2

S R T

TRANSPORTER NAME & ADDRESS

Tasman (DJ Truck Services)

DESCRIPTION OF WASTE

Non-Hazardous Hydrocarbons

QUANTITY

72 YDS

FACILITY CONTACT:

SIGNATURE OF CONTACT

DATE

CELL NUMBER MATERIAL PLACED IN:

NAME OF TRANSPORTER (DRIVER):

Sergio Diaz
SIGNATURE OF DRIVER6/8/22
DATE

DISPOSAL SITE

South Monument Surface Waste Facility
P. O. Box 418
Hobbs, NM 88241-0418
S25 T20S R36E N/2 NE/4

PERMIT #NM-01-0032
N/2 NE/4 S25/T20S/R36E
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FACILITY REPRESENTATIVE

DATE

Manifest # _____

SOUTH MONUMENT SURFACE WASTE FACILITY**LANDFARM - DIRT SALES**

(575) 390-7996 CELL (575) 390-3665 CELL (575) 397-6109 WORK

LEASE OPERATOR _____

ORIGINATING LOCATION _____

LEASE J-8-2

S _____ R _____ T _____

DJ Trucks Services
TRANSPORTER NAME & ADDRESS _____Tasman / DCP
DESCRIPTION OF WASTE _____

QUANTITY _____

Non-Hazardous Hydrocarbons

72 YDS

FACILITY CONTACT: _____

SIGNATURE OF CONTACT _____

DATE _____

CELL NUMBER MATERIAL PLACED IN: _____

NAME OF TRANSPORTER (DRIVER): _____

SIGNATURE OF DRIVER _____

6/9/22
DATESouthwest Monument
DISPOSAL SITESouth Monument Surface Waste Facility
P. O. Box 418
Hobbs, NM 88241-0418
S25 T20S R36E N/2 NE/4PERMIT #NM-01-0032
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FACILITY REPRESENTATIVE _____

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SOUTH MONUMENT SURFACE WASTE FACILITY**LANDFARM - DIRT SALES**

(575) 390-7996 CELL (575) 390-3665 CELL (575) 397-6109 WORK

LEASE OPERATOR

DCP

ORIGINATING LOCATION

LEASE J-8-2

S _____ R _____ T _____

TRANSPORTER NAME & ADDRESS

Tasman / DJ Truck Services

DESCRIPTION OF WASTE

Non-Hazardous Hydrocarbons

QUANTITY

12

YDS

FACILITY CONTACT:

SIGNATURE OF CONTACT

DATE

CELL NUMBER MATERIAL PLACED IN:

NAME OF TRANSPORTER (DRIVER):

TASMAN - DJ Truck Services
SIGNATURE OF DRIVER6-15-22
DATEEnrique
DISPOSAL SITESouth Monument Surface Waste Facility
P. O. Box 418
Hobbs, NM 88241-0418
S25 T20S R36E N/2 NE/4PERMIT #NM-01-0032
N/2 NE/4 S25/T20S/R36E
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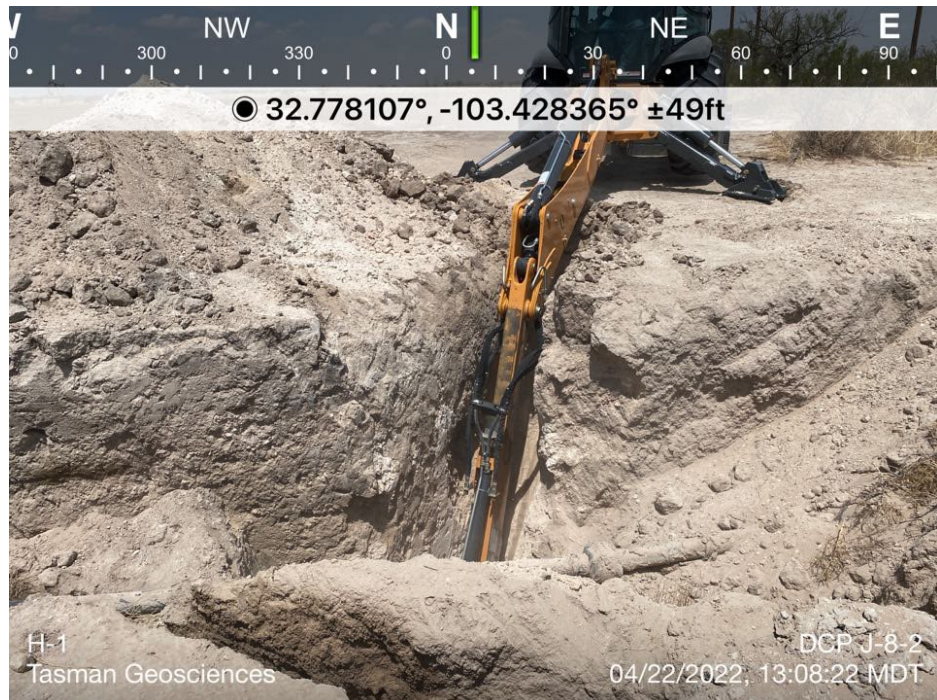
FACILITY REPRESENTATIVE

DATE

Appendix E – Photographic Log

DCP Midstream

J-8-2 Line Leak (03.18.22) (nAPP2208155134)



DCP Midstream

J-8-2 Line Leak (03.18.22) (nAPP2208155134)



DCP Midstream

J-8-2 Line Leak (03.18.22) (nAPP2208155134)



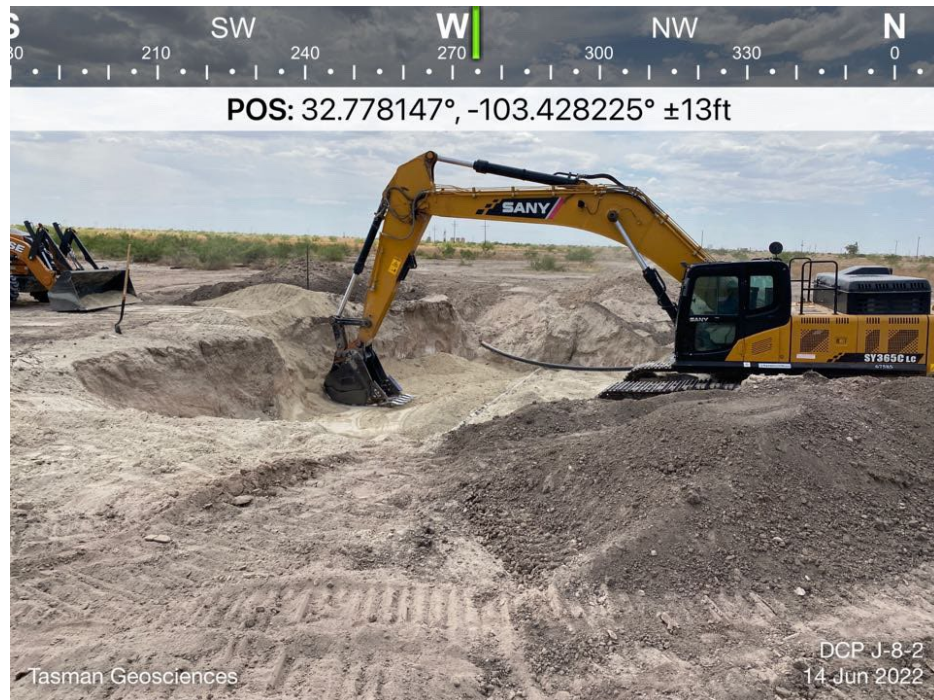
DCP Midstream

J-8-2 Line Leak (03.18.22) (nAPP2208155134)



DCP Midstream

J-8-2 Line Leak (03.18.22) (nAPP2208155134)



DCP Midstream

J-8-2 Line Leak (03.18.22) (nAPP2208155134)



DCP Midstream

J-8-2 Line Leak (03.18.22) (nAPP2208155134)



Appendix F – Characterization/Closure Form (FORM C-141)

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	nAPP2208155134
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party DCP Operating Company, LP	OGRID 36785
Contact Name Stephen W Weathers	Contact Telephone 303-605-1718
Contact email stephen.weathers@p66.com	Incident # (assigned by OCD) nAPP2208155134
Contact mailing address 370 17 th Street, suite 2500 Denver, CO	80202

Location of Release Source

Latitude 32.77815 Longitude -103.42852
(NAD 83 in decimal degrees to 5 decimal places)

Site Name J-8-2 Line	Site Type Pipeline
Date Release Discovered 03/08/2022	API# (if applicable)

Unit Letter	Section	Township	Range	County
F	2	18S	35E	Lea

Surface Owner: ☒ State ☐ Federal ☐ Tribal ☐ Private (Name: NMSLO)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Natural Gas	Volume Released (Mcf) 101	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)


Cause of Release: On March 18, 2022, the J-8-2 pipeline was discovered by DCP personnel to have failed due to internal corrosion.

Incident ID	nAPP2208155134
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped.	
<input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment.	
<input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
<input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. 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 attach all information needed for closure evaluation.	
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.	
Printed Name: <u>Kyle Norman</u>	Title: <u>Project Manager</u>
Signature: <u></u>	Date: <u>6/20/2023</u>
email: <u>knorman@tasman-geo.com</u>	Telephone: <u>575-318-5017</u>
<u>OCD Only</u>	
Received by: _____	Date: _____

Incident ID	nAPP2208155134
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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?	<u>~55</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: *Each of the following items must be included in the report.*

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

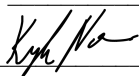
If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	nAPP2208155134
District RP	
Facility ID	
Application ID	

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.

Printed Name: Kyle Norman Title: Project Manager
Signature:  Date: 6/20/2023
email: knorman@tasman-geo.com Telephone: 575-318-5017

OCD Only

Received by: Shelly Wells Date: 6/21/2023

Incident ID	nAPP2208155134
District RP	
Facility ID	
Application ID	


Closure

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 (electronic submittals in .pdf format are preferred) 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.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

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.

Printed Name: Kyle Norman Title: Project Manager
Signature:  Date: 6/20/2023
email: knorman@tasman-geo.com Telephone: 575-318-5017

OCD Only

Received by: Shelly Wells Date: 6/21/2023

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by:  Date: 09/19/2023
Printed Name: Nelson Velez Title: Environmental Specialist - Adv

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

District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
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

CONDITIONS

Action 230655

CONDITIONS

Operator: DCP OPERATING COMPANY, LP 6900 E. Layton Ave Denver, CO 80237	OGRID: 36785
	Action Number: 230655
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	9/19/2023