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: <u>stephen.weathers@p66.com</u>

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 bdennis@tasman-geo.com Kyle Norman Regional Project Manager <u>knorman@tasman-geo.com</u>



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Received by QCD: 6(30/2023) 11:26:03 AM Remediation Summary and Closure Report



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?	🗆 Yes	⊠ No
Within 300 ft. of any continuously flowing of significant watercourse?	🗆 Yes	⊠ No
Within 200 ft. of any lakebed, sinkhole, or playa lake?	🗆 Yes	⊠ No
Within 300 ft. of an occupied permanent residence, school, hospital, or institution?	🗆 Yes	⊠ No
Within 500 ft. of a spring or private, domestic fresh water well?	🗹 Yes	🗆 No
Within 1,000 ft. of any fresh water well?	🗆 Yes	⊠ No
Within the incorporated municipal boundaries or within a municipal well field?	🗆 Yes	⊠ No
Within 300 ft. of a wetland?	🗆 Yes	⊠ No
Within the area overlying a subsurface mine?	🗆 Yes	⊠ No
Within an unstable area?	🗆 Yes	⊠ No
Within a 100-year floodplain?	🗆 Yes	⊠ No

3.0 REMEDIATION 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	GRO – gasoline range organics
DRO – diesel range organics	MRO – motor/lube oil range organics
BTEX – benzene, toluene, ethylbenzene, total xylenes	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



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









Lea County, New Mexico

B. Dennis Released to Imaging: 9/19/2023 7:21:51 AM

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DATE:

March 2023 DESIGNED BY:

B. Dennis

DRAWN BY:



TASMAN 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



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		Soil	PID	Field Chloride	Benzene	Total BTEX ¹		TPH ² (mg/kg)		Chloride ³
Sample ID	Depth	Sample Date	Status	(ppm)	(mg/kg)	(mg/kg)	(mg/kg)	GRO	DRO	MRO	TOTAL	(mg/kg)
	Surface - 6"		Excavated			0.309	32.0	63.2	48.4	<10.0	112	80.0
	2'	4/13/2022	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'		Excavated			1.40	93.1	655	1,160	222	7,037	
HA-1*	9'	4/21/2022	Excavated			6.23	217	1.240	1.680	314	3.234	
	15'	4/22/2022	Excavated			0.172	28.1	187	611	101	899	
	17'		Excavated			< 0.05	< 0.30	<10.0	<10.0	<10.0	<10.0	
	19'	5/2/2022	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	
	Surface - 6"		In-Situ			1.08	7.31	26.7	<10.0	<10.0	26.7	48.0
HA-2*	2'	4/13/2022	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
	Surface - 6"		In-Situ			0.164	9.57	19.2	<10.0	<10.0	19.2	32.0
HA-3*	2'	4/13/2022	In-Situ			<0.05	0.882	<10.0	<10.0	<10.0	<10.0	16.0
	4'	1	In-Situ			<0.05	0.534	<10.0	<10.0	<10.0	<10.0	32.0
	Surface - 6"		In-Situ	130		<0.05	1.06	<10.0	<10.0	<10.0	<10.0	
V-1*	2'	4/21/2022	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	
	Surface - 6"		In-Situ	109		<0.05	0.740	<10.0	<10.0	<10.0	<10.0	
V-2*	2'	4/21/2022	In-Situ	40.3		<0.05	<0.30	<10.0	<10.0	<10.0	<10.0	
• -	4'	1/22/2022	In-Situ	89		<0.05	<0.30	<10.0	<10.0	<10.0	<10.0	
	Surface - 6"		In-Situ	12.9		0.091	0.609	<10.0	<10.0	<10.0	<10.0	
V-3*	2'	4/21/2022	In-Situ	9.0		<0.05	<0.30	<10.0	<10.0	<10.0	<10.0	
	Surface - 6"	,	In-Situ	137		0.081	3.22	10.9	<10.0	<10.0	10.9	
V-4*	2'	4/21/2022	In-Situ	137		<0.05	<0.30	<10.0	<10.0	<10.0	<10.0	
V-4	4'	4/21/2022	In-Situ	259		<0.05	<0.30	<10.0	<10.0	<10.0	<10.0	
	Surface - 6"		Excavated	350.9		0.303	6.45	31.9	34.4	<10.0	66.3	
	2'	4/21/2022	Excavated	799		<0.05	<0.30	<10.0	<10.0	<10.0	<10.0	
	4'	4/21/2022	Excavated	288		<0.05	<0.30	<10.0	<10.0	<10.0	<10.0	
	13'		Excavated	2497		7.49	222	864	768	99.1	1,731	
V-5*	15'	-	Excavated	340		<0.05	< 0.30	<10.0	<10.0	<10.0	<10.0	
1-5	17	5/2/2022	Excavated	1348		<0.05	<0.30	<10.0	17.7	<10.0	17.7	
	19'	5/2/2022	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	
	Surface - 6"	3/3/2022	In-Situ	84.2		0.067	1.45	<10.0	<10.0	<10.0	<10.0	
V-6*	2'	4/21/2022	In-Situ	106		<0.05	<0.30	<10.0	<10.0	<10.0	<10.0	
•-•	4'	., 2.1, 2022	In-Situ In-Situ	218		<0.05	<0.30	<10.0	<10.0	<10.0	<10.0	
	Surface - 6"		In-Situ	260		0.096	3.16	10.1	<10.0	<10.0	10.1	
V-7*	2'	4/21/2022	In-Situ In-Situ	200		<0.05	<0.30	<10.0	<10.0	<10.0	<10.0	
•-/	4'	., 2.1, 2022	In-Situ In-Situ	331		<0.05	<0.30	<10.0	<10.0	<10.0	<10.0	
	4 Surface - 6"		In-Situ	94		0.205	3.23	<10.0	<10.0	<10.0	<10.0	
V-8*	2'	4/21/2022		94 128		<0.05	<0.30	<10.0	<10.0	<10.0	<10.0	
v-o.	2' 4'	4/21/2022	In-Situ 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	
V-9*	2'	4/21/2022	In-Situ In-Situ	38.7 45.0		<0.05	<0.30 <0.30	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	
	-											
V-10*	Surface - 6" 2'	4/21/2022	In-Situ In-Situ	212 122		0.285 <0.05	9.06 <0.30	30.0 <10.0	17.3 14.0	<10.0 <10.0	47.3 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
		nd Delineation S than 4 ft. below gra		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

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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	nple Somela Data Soil	PID	Field Chloride	Benzene	Total BTEX ¹	TPH ² (mg/kg)				Chloride ³	
Sample ID	Depth (ft)	Sample Date	Status	(ppm)	(mg/kg)	(mg/kg)	(mg/kg)	GRO	DRO	MRO	TOTAL	(mg/kg)
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 Rec (Applicable for soils les	lamation Standar s than 4 ft. below gra			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 MRO = Motor/lube oil range organics

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

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

Page 18:0f 162

Action 92084

QUESTIONS

Operator:	OGRID:					
DCP OPERATING COMPANY, LP	36785					
6900 E. Layton Ave	Action Number:					
Denver, CO 80237	92084					
	Action Type:					
	[NOTIFY] Notification Of Release (NOR)					
QUESTIONS						
Location of Release Source						
Please answer all of the questions in this group.						

Site Name	J-8-2 Line
Date Release Discovered	03/18/2022
Surface Owner	State

Incident Details

Please answer all of the questions in this group.				
Incident Type	Natural Gas Release			
Did this release result in a fire or is the result of a fire	No			
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	Νο			

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.					
Crude Oil Released (bbls) Details	Not answered.				
Produced Water Released (bbls) Details	Not answered.				
Is the concentration of 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.				

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 (continued)

Operator:	OGRID:
DCP OPERATING COMPANY, LP	36785
6900 E. Layton Ave	Action Number:
Denver, CO 80237	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	Not answered.				
If YES, was immediate notice given to the OCD, to whom	Not answered.				
If YES, was immediate notice given to the OCD, when	Not answered.				
If YES, was immediate notice given to the OCD, by what means (phone, email, etc.)	Not answered.				
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.					

Initial Response

The responsible party must undertake the following actions immediately unless they could create a s	afety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after disc	overy 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.

QUESTIONS, Page 2

Action 92084

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

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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

ACKNOWLEDGMENTS

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

ACKNOWLEDGMENTS

· · · · ·	
$\overline{\checkmark}$	I acknowledge that I am authorized to submit notification of a releases on behalf of my operator.
	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
	l 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.
V	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.
V	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.
M	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.

ACKNOWLEDGMENTS

Action 92084

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

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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

Operator:	OGRID:
DCP OPERATING COMPANY, LP	36785
6900 E. Layton Ave	Action Number:
Denver, CO 80237	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

Action 92084

Laura Flores

From:	Kyle Norman
Sent:	Friday, May 20, 2022 11:56 AM
То:	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	(R=POD replaced,		1												
& no longer serves a	O=orpha	· ·		(~~~~			1_NIM		2_0W 4_0	E)				
water right file.)	C=the fil	e is								3=SW 4=S	E) NAD83 UTM in m		(In f	4)	
water fight file.)	closed)			(qua	rtei	s are	smane	est to lar	gest) (1	VAD85 UTM III II	leters)	(1111)	eet)	
		POD													
		Sub-		Q	Q	Q								W	Vater
POD Number	Code	basin	County	64	16	4	Sec	Tws	Rng	Х	Y	DistanceDep	othWellDept	hWater Co	olumn
<u>L 14712 POD1</u>		L	LE	1	3	2	02	18S	35E	647299	3627869 🌍	147	190	60	130
<u>L 02503</u>	R	L	LE	2	4	1	02	18S	35E	647106	3627930* 🌍	156	100		
<u>L 05235</u>		L	LE		1	2	02	18S	35E	647402	3628238* 🌍	502	114	54	60
<u>L 15333 POD1</u>		L	LE	1	1	2	02	18S	35E	647291	3628294 🌍	518	211	61	150
<u>L 04744</u>		L	LE	1	2	2	02	18S	35E	647704	3628341* 🌍	764	122	51	71
											Averag	ge Depth to Wate	er:	56 fee	et
												Minimum De	pth:	51 fee	et
												Maximum Dep	oth:	61 fee	et
Record Count: 5															
UTMNAD83 Radius	<u>Search (in</u>	<u>meters)</u>	<u>:</u>												
Easting (X): 647	175		North	ing	(Y)):	3627	789.25	57		Radius: 850				
*UTM location was derived f	rom PLSS -	· see Help													

4/3/23 10:19 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

GO



USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources	Data Category:	Geographic Area:
	Groundwater	✓ United States

Click to hideNews Bulletins

- Explore the NEW <u>USGS National Water Dashboard</u> interactive map to access realtime water data from over 13,500 stations nationwide.
- Full News 🔊

Groundwater levels for the Nation

Important: <u>Next Generation Monitoring Location Page</u>

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 V 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 (1210GLL) local aquifer.

Output formats

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



Breaks in the plot represent a gap of at least one year between field measurements. Download a presentation-quality graph

Questions about sites/data? Feedback on this web site Automated retrievals Help Data Tips Explanation of terms Subscribe for system changes News

Accessibility FOIA Privacy Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey Title: Groundwater for USA: Water Levels URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels? USA.gov

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



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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



		TASMAN GEOSCIENCES KYLE NORMAN 6899 PECOS ST. UNIT C DENVER CO, 80221 Fax To:		
Received:	04/13/2022		Sampling Date:	04/13/2022
Reported:	04/14/2022		Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE		Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

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

BTEX 8021B	mg/	kg	Analyze	d 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 BTEX	32.0	0.300	04/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	123 9	69.9-14	10						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	87.6	% 59.5-14	12						

Cardinal Laboratories

*=Accredited Analyte

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		TASMAN GEOSCIENCES KYLE NORMAN 6899 PECOS ST. UNIT C DENVER CO, 80221 Fax To:		
Received:	04/13/2022		Sampling Date:	04/13/2022
Reported:	04/14/2022		Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE		Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

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

BTEX 8021B	mg	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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	% 69.9-14	10						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	128	16.0	04/14/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	73.6	% 59.5-14	12						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		TASMAN GEOSCIENCES KYLE NORMAN 6899 PECOS ST. UNIT C DENVER CO, 80221 Fax To:		
Received:	04/13/2022		Sampling Date:	04/13/2022
Reported:	04/14/2022		Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE		Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

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

BTEX 8021B	mg,	′kg	Analyze	d 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	% 69.9-14	0						
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	Analyze	d 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 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	109	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		TASMAN GEOSCIENCES KYLE NORMAN 6899 PECOS ST. UNIT C DENVER CO, 80221 Fax To:		
Received:	04/13/2022		Sampling Date:	04/13/2022
Reported:	04/14/2022		Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE		Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

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

BTEX 8021B	mg/	/kg	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500Cl-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	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	77.8	% 59.5-14	2						

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*=Accredited Analyte

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		TASMAN GEOSCIENCES KYLE NORMAN 6899 PECOS ST. UNIT C DENVER CO, 80221 Fax To:		
Received:	04/13/2022		Sampling Date:	04/13/2022
Reported:	04/14/2022		Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE		Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

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

BTEX 8021B	mg	/kg	Analyze	d 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	% 69.9-14	0						
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	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	112	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		TASMAN GEOSCIENCES KYLE NORMAN 6899 PECOS ST. UNIT C DENVER CO, 80221 Fax To:		
Received:	04/13/2022		Sampling Date:	04/13/2022
Reported:	04/14/2022		Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE		Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

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

BTEX 8021B	mg/	′kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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 BTEX	<0.300	0.300	04/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
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	Analyze	d 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 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	106 9	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		TASMAN GEOSCIENCES KYLE NORMAN 6899 PECOS ST. UNIT C DENVER CO, 80221 Fax To:		
Received:	04/13/2022		Sampling Date:	04/13/2022
Reported:	04/14/2022		Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE		Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

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

BTEX 8021B	mg/	/kg	Analyze	d 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	% 69.9-14	0						
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	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	107	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		TASMAN GEOSCIENCES KYLE NORMAN 6899 PECOS ST. UNIT C DENVER CO, 80221 Fax To:		
Received:	04/13/2022		Sampling Date:	04/13/2022
Reported:	04/14/2022		Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE		Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

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

BTEX 8021B Analyte	mg/kg		Analyzed By: MS/						
	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	% 69.9-14	0						
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 % 66.9-13		6						
Surrogate: 1-Chlorooctadecane	93.2	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager


		TASMAN GEOSCIENCES KYLE NORMAN 6899 PECOS ST. UNIT C DENVER CO, 80221 Fax To:		
Received:	04/13/2022		Sampling Date:	04/13/2022
Reported:	04/14/2022		Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE		Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

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

BTEX 8021B	mg	/kg	Analyze	d 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 BTEX	0.534	0.300	04/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	108	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Nam										B	ILL	. TO							VSI		QUE	CT.		
Project Manage	er: Kyle Norman							Ρ.	0. #.	Statement of the local division of the local				T			r í		-136			51	_	_
Address: 262	0 W Marland Blvd							c	ompa	any:	Tas	man G	eo	1										
City: Hobbs	State: NM	Zij	p: 8	824	0							man		1				SU						
Phone #: 575-	318-5017 Fax #:											W. Ma	arland					ic						
Project #: nAP	P2208155134 Project Own	er: D	CP	Mi	dstre	am			ty: H				inana	1	Σ		_	Ā			I			
Project Name:									-			n. 8824	0	es l	2		TPH	JS/			USH			
Project Locatio	n: J-8-2 Line Leak							State: NM Zip: 88240 Phone #: 575-318-5017			<u>ē</u>	801		F	.õ	S				1				
Sampler Name:	Kyle Norman								x #:	<i>n</i> . 0	10-	510-5	017	Chlorides		BTEX	Texas	at	TDS	HOLD	Hour			
FOR LAB USE ONLY		Т	Г	Г	I	ATR	IX			SER	V.	SAMPL	NG	5	TPH		X	e		T	우			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL		DATE	TIME					CompleteCations/Anions			24			
a	HA - 1 @ S-6"	-	1				-			/	4/	13/22	12:00	1	1	1					1			T
3	HA - 1 @ 2'	-	1			/			•		4/	13/22	12:10	\checkmark	1	1					1			
y	HA - 1 @ 4'	+				1	-				4/	13/22	12:20	1	1	1					1			
	HA - 2 @ S-6" HA - 2 @ 2'				_	/		_	1			13/22	12:30	1	1	1					1			
-	HA - 2 @ 4'						-	-	1	/	-	13/22	12:40	1	1	1					1			
	HA - 3 @ S-6"		1		1	/			1	/		13/22	12:50	1	1	1					1			
	HA - 3 @ 2'		1		1	/		-	1	/		13/22	13:00	1	1	~					1			
	HA - 3 @ 4'		1			/			1	/		13/22	13:10	1	1	~					1			
	v ·				-				1		4/1	13/22	13:20	V	1	V					V			1

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service. In no event shall Gardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affliates 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.

Relinguished By: eceived By: Phone Result: □ Yes No No Add'l Phone #: Fax Result: Yes No No Add'l Fax #: REMARKS: Relinquished By: email results to: knorman@tasman-geo.com, bgriffin@tasman-geo.com, Cook. Detivered By: JohnW<JWCook@dcpmidstream.com>Hyman,AlbertL (Circle One) Sample Condition CHECKED BY: 2 5 C <ALHyman@dcpmidstream.com> Hyman, Janice L Cool Intact (Initials) Sampler - UPS - Bus Other Yes Yes No No <JHyman@dcpmidstream.com> or

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

Received by OCD: 6/20/2023 11:26:03 AM



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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



	TASMAN GEOSCIENCES KYLE NORMAN 6899 PECOS ST. UNIT (DENVER CO, 80221 Fax To:		
Received:	04/22/2022	Sampling Date:	04/21/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

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

BTEX 8021B	mg,	′kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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 BTEX	93.1	3.00	04/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	69.9-14	0						
TPH 8015M	mg,	′kg	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	127	% 59.5-14							

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		TASMAN GEOSCIENCES		
		KYLE NORMAN		
		6899 PECOS ST. UNIT C		
		DENVER CO, 80221		
		Fax To:		
Received:	04/22/2022		Sampling Date:	04/21/2022
Reported:	04/25/2022		Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LI	EAK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

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

BTEX 8021B	mg/	kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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 BTEX	217	3.00	04/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	131 9	69.9-14	10						
TPH 8015M	mg/	kg	Analyze	d By: CK/					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	140 9	59.5-14							

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		TASMAN GEOSCIENCES		
		KYLE NORMAN		
		6899 PECOS ST. UNIT C		
		DENVER CO, 80221		
		Fax To:		
Received:	04/22/2022		Sampling Date:	04/21/2022
Reported:	04/25/2022		Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LEA	К	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

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

BTEX 8021B	mg/	/kg	Analyze	d 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 BTEX	1.06	0.300	04/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
TPH 8015M	mg/	/kg	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	103	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	TASMAN GEOSCIENCES KYLE NORMAN 6899 PECOS ST. UNIT C DENVER CO, 80221 Fax To:		
Received:	04/22/2022	Sampling Date:	04/21/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

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

BTEX 8021B	mg/	kg	Analyze	d 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 %	69.9-14	0						
TPH 8015M	mg/	kg	Analyze	d 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 %	66.9-13	6						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		TASMAN GEOSCIENCES		
		KYLE NORMAN		
		6899 PECOS ST. UNIT C		
		DENVER CO, 80221		
		Fax To:		
Received:	04/22/2022		Sampling Date:	04/21/2022
Reported:	04/25/2022		Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LE	AK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

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

BTEX 8021B	mg/	kg	Analyze	d 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 %	69.9-14	0						
TPH 8015M	mg/	kg	Analyze	d 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 9	% 66.9-13	6						

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Celey D. Keene, Lab Director/Quality Manager



		TASMAN GEOSCIENCES		
		KYLE NORMAN		
		6899 PECOS ST. UNIT C		
		DENVER CO, 80221		
		Fax To:		
Received:	04/22/2022		Sampling Date:	04/21/2022
Reported:	04/25/2022		Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LE	AK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

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

BTEX 8021B	mg/	/kg	Analyze	d 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 BTEX	0.740	0.300	04/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 69.9-14	0						
TPH 8015M	mg/	/kg	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	102	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



	TASMAN GEOSCIENCES KYLE NORMAN 6899 PECOS ST. UNIT C DENVER CO, 80221 Fax To:		
Received:	04/22/2022	Sampling Date:	04/21/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

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

BTEX 8021B	mg/	kg	Analyze	d 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 %	69.9-14	0						
TPH 8015M	mg/	kg	Analyze	d 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 %	66.9-13	6						

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Celey D. Keene, Lab Director/Quality Manager



NONE GIVEN

Analytical Results For:

	TASMAN G	EOSCIENCES	
	KYLE NOR	MAN	
	6899 PECC	DS ST. UNIT C	
	DENVER C	O, 80221	
	Fax To:		
Received:	04/22/2022	Sampling Date:	04/21/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134	Sample Received By:	Shalyn Rodriguez

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

Project Location:

BTEX 8021B	mg/	'kg	Analyze	d 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 9	% 69.9-14	0						
TPH 8015M	mg/	'kg	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	100 9	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



		TASMAN GEOSCIENCES		
		KYLE NORMAN		
		6899 PECOS ST. UNIT C		
		DENVER CO, 80221		
		Fax To:		
Received:	04/22/2022		Sampling Date:	04/21/2022
Reported:	04/25/2022		Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LE	AK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

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

BTEX 8021B	mg/	/kg	Analyze	d 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	% 69.9-14	0						
TPH 8015M	mg/	/kg	Analyze	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	106	% 59.5-14							

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Celey D. Keene, Lab Director/Quality Manager



		TASMAN GEOSCIENCES		
		KYLE NORMAN		
		6899 PECOS ST. UNIT C		
		DENVER CO, 80221		
		Fax To:		
Received:	04/22/2022		Sampling Date:	04/21/2022
Reported:	04/25/2022		Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LE	AK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

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

BTEX 8021B	mg/	′kg	Analyze	d 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 9	% 69.9-14	0						
TPH 8015M	mg/	′kg	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	101 9	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



		TASMAN GEOSCIENCES		
		KYLE NORMAN		
		6899 PECOS ST. UNIT C		
		DENVER CO, 80221		
		Fax To:		
Received:	04/22/2022		Sampling Date:	04/21/2022
Reported:	04/25/2022		Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LE	EAK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

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

BTEX 8021B	mg	/kg	Analyze	d 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	% 69.9-14	10						
TPH 8015M	mg	/kg	Analyze	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	% 66.9-13	36						
Surrogate: 1-Chlorooctadecane									

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Celey D. Keene, Lab Director/Quality Manager



	TASMAN GEOSCIENCES KYLE NORMAN 6899 PECOS ST. UNIT C DENVER CO, 80221 Fax To:		
Received:	04/22/2022	Sampling Date:	04/21/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

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

BTEX 8021B	mg/	kg	Analyze	d 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 9	69.9-14	0						
TPH 8015M	mg/	kg	Analyze	d 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 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	116 %	59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		TASMAN GEOSCIENCES KYLE NORMAN 6899 PECOS ST. UNIT C		
		DENVER CO, 80221		
		Fax To:		
Received:	04/22/2022		Sampling Date:	04/21/2022
Reported:	04/25/2022		Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LE	AK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

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

BTEX 8021B	mg/	kg	Analyze	d 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 9	69.9-14	0						
TPH 8015M	mg/	kg	Analyze	d 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	<i>93.7</i>	% 66.9-13	6						

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Celey D. Keene, Lab Director/Quality Manager



		TASMAN GEOSCIENCES		
		KYLE NORMAN		
		6899 PECOS ST. UNIT C		
		DENVER CO, 80221		
		Fax To:		
Received:	04/22/2022		Sampling Date:	04/21/2022
Reported:	04/25/2022		Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LEA	К	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

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

BTEX 8021B	mg/	/kg	Analyze	d 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 BTEX	6.45	0.300	04/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 69.9-14	0						
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 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	105 9	% 59.5-14	a						

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Celey D. Keene, Lab Director/Quality Manager



		TASMAN GEOSCIENCES		
		KYLE NORMAN		
		6899 PECOS ST. UNIT C		
		DENVER CO, 80221		
		Fax To:		
Received:	04/22/2022		Sampling Date:	04/21/2022
Reported:	04/25/2022		Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LE	AK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

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

BTEX 8021B	mg,	′kg	Analyze	d 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 9	% 69.9-14	0						
TPH 8015M	mg/	′kg	Analyze	d 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 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	120	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



		TASMAN GEOSCIENCES		
		KYLE NORMAN		
		6899 PECOS ST. UNIT C		
		DENVER CO, 80221		
		Fax To:		
Received:	04/22/2022		Sampling Date:	04/21/2022
Reported:	04/25/2022		Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LE	EAK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

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

BTEX 8021B	mg/	kg	Analyze	d 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 %	69.9-14	0						
TPH 8015M	mg/	kg	Analyze	d 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 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	110 %	59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



		TASMAN GEOSCIENCES		
		KYLE NORMAN		
		6899 PECOS ST. UNIT C		
		DENVER CO, 80221		
		Fax To:		
Received:	04/22/2022		Sampling Date:	04/21/2022
Reported:	04/25/2022		Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LE	AK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

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

BTEX 8021B	mg	′kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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	% 69.9-14	0						
TPH 8015M	mg	′kg	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	115	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



	TASMAN GEOSCIENCES KYLE NORMAN 6899 PECOS ST. UNIT C DENVER CO, 80221 Fax To:		
Received:	04/22/2022	Sampling Date:	04/21/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

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

BTEX 8021B	mg/	kg	Analyze	d 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 9	69.9-14	0						
TPH 8015M	mg/	kg	Analyze	d 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 9	66.9-13	6						

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Celey D. Keene, Lab Director/Quality Manager



		TASMAN GEOSCIENCES		
		KYLE NORMAN		
		6899 PECOS ST. UNIT C		
		DENVER CO, 80221		
		Fax To:		
Received:	04/22/2022		Sampling Date:	04/21/2022
Reported:	04/25/2022		Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LE	AK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

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

BTEX 8021B	mg,	′kg	Analyze	d 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	% 69.9-14	0						
TPH 8015M	mg	′kg	Analyze	d 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					
Summer at a 1 Chilence estimate	11.4		1						
Surrogate: 1-Chlorooctane	114 9	66.9-13	0						

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Celey D. Keene, Lab Director/Quality Manager



KYLE NORMAN 6899 PECOS ST	г. UNIT C	
,	J221	
Fax To:		
04/22/2022	Sampling Date:	04/21/2022
04/25/2022	Sampling Type:	Soil
DCP - J-8-2 LINE LEAK	Sampling Condition:	Cool & Intact
nAPP2208155134	Sample Received By:	Shalyn Rodriguez
NONE GIVEN		
	KYLE NORMAN 6899 PECOS ST DENVER CO, 80 Fax To: 04/22/2022 04/25/2022 DCP - J-8-2 LINE LEAK nAPP2208155134	6899 PECOS ST. UNIT C DENVER CO, 80221 Fax To:04/22/2022Sampling Date: Sampling Type:04/25/2022Sampling Type: Sampling Condition: nAPP220815513404/25/2022Sampling Condition: Sample Received By:

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

BTEX 8021B	mg/	kg	Analyze	d 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 9	% 69.9-14	0						
TPH 8015M	mg/	kg	Analyze	d 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 9	66.9-13	6						

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Celey D. Keene, Lab Director/Quality Manager



	TASMAN GEOSCIENCES KYLE NORMAN 6899 PECOS ST. UNIT C DENVER CO, 80221 Fax To:		
Received:	04/22/2022	Sampling Date:	04/21/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

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

BTEX 8021B	mg/	kg	Analyze	d 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 %	69.9-14	0						
TPH 8015M	mg/	kg	Analyze	d 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 %	66.9-13	6						

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Celey D. Keene, Lab Director/Quality Manager



	KYLE NO 6899 PEC	GEOSCIENCES RMAN COS ST. UNIT C CO, 80221	
	Fax To:		
Received:	04/22/2022	Sampling Date:	04/21/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

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

BTEX 8021B	mg/	kg	Analyze	d 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 %	69.9-14	0						
TPH 8015M	mg/	kg	Analyze	d 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 %	66.9-13	6						

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Celey D. Keene, Lab Director/Quality Manager



		TASMAN GEOSCIENCES		
		KYLE NORMAN		
		6899 PECOS ST. UNIT C		
		DENVER CO, 80221		
		Fax To:		
Received:	04/22/2022		Sampling Date:	04/21/2022
Reported:	04/25/2022		Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LE	EAK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

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

BTEX 8021B	mg,	/kg	Analyze	d 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 BTEX	3.23	0.300	04/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	10						
TPH 8015M	mg/	/kg	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	116 9	% 59.5-14	12						

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Celey D. Keene, Lab Director/Quality Manager



	TASMAN GEOSCIENCES KYLE NORMAN 6899 PECOS ST. UNIT C DENVER CO, 80221 Fax To:		
Received:	04/22/2022	Sampling Date:	04/21/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

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

BTEX 8021B	mg/	kg	Analyze	d 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 %	69.9-14	0						
TPH 8015M	mg/	kg	Analyze	d 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 %	66.9-13	6						

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Celey D. Keene, Lab Director/Quality Manager



KYLE NORMAN 6899 PECOS ST	г. UNIT C	
,	J221	
Fax To:		
04/22/2022	Sampling Date:	04/21/2022
04/25/2022	Sampling Type:	Soil
DCP - J-8-2 LINE LEAK	Sampling Condition:	Cool & Intact
nAPP2208155134	Sample Received By:	Shalyn Rodriguez
NONE GIVEN		
	KYLE NORMAN 6899 PECOS ST DENVER CO, 80 Fax To: 04/22/2022 04/25/2022 DCP - J-8-2 LINE LEAK nAPP2208155134	6899 PECOS ST. UNIT C DENVER CO, 80221 Fax To:04/22/2022Sampling Date: Sampling Type:04/25/2022Sampling Type: Sampling Condition: nAPP220815513404/25/2022Sampling Condition: Sample Received By:

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

BTEX 8021B	mg/	kg	Analyze	d 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 %	69.9-14	0						
TPH 8015M	mg/	kg	Analyze	d 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 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	124 %	59.5-14							

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Celey D. Keene, Lab Director/Quality Manager



KYLE NORMAN 6899 PECOS ST	г. UNIT C	
,	J221	
Fax To:		
04/22/2022	Sampling Date:	04/21/2022
04/25/2022	Sampling Type:	Soil
DCP - J-8-2 LINE LEAK	Sampling Condition:	Cool & Intact
nAPP2208155134	Sample Received By:	Shalyn Rodriguez
NONE GIVEN		
	KYLE NORMAN 6899 PECOS ST DENVER CO, 80 Fax To: 04/22/2022 04/25/2022 DCP - J-8-2 LINE LEAK nAPP2208155134	6899 PECOS ST. UNIT C DENVER CO, 80221 Fax To:04/22/2022Sampling Date: Sampling Type:04/25/2022Sampling Type: Sampling Condition: nAPP220815513404/25/2022Sampling Condition: Sample Received By:

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

BTEX 8021B	mg/	/kg	Analyze	d 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	% 69.9-14	10						
TPH 8015M	mg/	/kg	Analyze	d 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	% 66.9-13	6						

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Celey D. Keene, Lab Director/Quality Manager



		TASMAN GEOSCIENCES		
		KYLE NORMAN		
		6899 PECOS ST. UNIT C		
		DENVER CO, 80221		
		Fax To:		
Received:	04/22/2022		Sampling Date:	04/21/2022
Reported:	04/25/2022		Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LE	AK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

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

BTEX 8021B	mg/	kg	Analyze	d 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 %	69.9-14	0						
TPH 8015M	mg/	kg	Analyze	d 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					
Summer of the L Children external	00.70	66.9-13	6						
Surrogate: 1-Chlorooctane	99 .7 9	0 00.9-13	0						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	TASMAN GEO	DSCIENCES	
	KYLE NORMA	N	
	6899 PECOS	ST. UNIT C	
	DENVER CO,	80221	
	Fax To:		
Received:	04/22/2022	Sampling Date:	04/21/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

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

BTEX 8021B	mg/	kg	Analyze	d 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 9	69.9-14	0						
TPH 8015M	mg/	kg	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	113 %	6 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	TASMAN GEOSCI	ENCES	
	KYLE NORMAN		
	6899 PECOS ST.	UNIT C	
	DENVER CO, 802	21	
	Fax To:		
Received:	04/22/2022	Sampling Date:	04/21/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

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

BTEX 8021B	mg/	/kg	Analyze	d 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	% 69.9-14	0							
TPH 8015M	mg/	/kg	Analyze	d 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 9	% 66.9-13	6							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	TASMAN GEOSCIENCES KYLE NORMAN 6899 PECOS ST. UNIT C DENVER CO, 80221 Fax To:		
Received:	04/22/2022	Sampling Date:	04/21/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

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

BTEX 8021B	mg/	kg	Analyze	d 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 6.71	108	2.00	1.11	
Total Xylenes*	<0.150	0.150	04/22/2022	ND		112	6.00	1.11	
Total BTEX	<0.300	0.300	04/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	69.9-14	0						
TPH 8015M	mg/	kg	Analyze	d 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 9	66.9-13	6						
0									

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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 SM4500CI-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

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

RDINAL LABORATORIES

HA - 1 @ 7'

HA - 1 @ 9'

V-1@S-6"

V-1@2'

V-1@4'

V-2@2'

V-2@4'

V-3@S-6"

V-3@2'

V-2@S-6"

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Company Name: Tasman Geosciences, LLC					BILL TO ANALYSIS REQUEST											ST						
Project Manager:	Project Manager: Kyle Norman					P.0). #:													ſ		
Address: 2620 W Marland Blvd						Co	mpa	ny: T	asman G	Geo					S			· .				
City: Hobbs	State: NM	Zi	p: 8	8240)			Attn: Kyle Norman								ons	÷					
Phone #: 575-318	-5017 Fax #:							Address: 2620 W. Marland				S				Inic			Т			
Project #: nAPP2208155134 Project Owner: DCP Midstream							City: Hobbs					b	Σ		II	SIF		S I	S			
Project Name: DC	P							State: NM Zip: 88240			Chlorides	15	×	TPH	Cations	10		RUSI				
Project Location:	J-8-2 Line Leak							Phone #: 575-318-5017				ह	801	X		atic	DS	PL				
Sampler Name: Ky	le Norman							Fax	x #:						BT	exas		F	Ιĭ	our		
FOR LAB USE ONLY					M	ATRI	X		PRE	SERV	SAMPL	ING	P	Hd		Le	ete			I		ŀ
Lab I.D.	Sample I.D.	G)RAB OR (C)OMP.	CONTAINERS	GROUNDWATER	VASTEWATER	SUL	SLUDGE	OTHER :		ICE / COOL OTHER :	DATE	TIME	Hold				Comple			24		

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101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603

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 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 consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Nam	e: Tasman Geosciences, LLC									BI	LL TO						ANAL	LYSI	S RE	QUES	Т		
Project Manage	er: Kyle Norman							P.O. #:						T								Τ	Т
	Address: 2620 W Marland Blvd							Company: Tasman Geo															
City: Hobbs	State: NM	Zi	p: 8	824	0			Attn: Kyle Norman									Suc						
Phone #: 575-318-5017 Fax #:										20 W. Ma	arland	1				ic							
Project #: nAPP2208155134 Project Owner: DCP Midstream								: Ho				<u>e</u>	Σ		-	A			[
Project Name: DCP											0	Chlorides	2		TPH	US			NSH				
Project Location: J-8-2 Line Leak							State: NM Zip: 88240					12	5	H 801	F	tio	S						
Sampler Name: Becky Griffin							Phone #: 575-318-5017						8	E	exas	a	TDS	HOLD	Hour				
FOR LAB USE ONLY		Т	Т	Т	M	ATR	X	-	PRES	ERV.	SAMPLI	NG	10	TPH	ш	ě	e		L T	윈			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SUL	SLUDGE	OTHER :	ACID/BASE: ICE / COOL	OTHER :	DATE	TIME	Hold				CompleteCations/Anions			24			
11	V-4 @ S-6"		1		1	/			1		4/21/22	12:40	1	1	1					1			
12	V-4 @ 2'		1		1	1			1		4/21/22	12:50	1	1	1					1			
15	V-4 @ 4'		1		۷				1		4/21/22	13:00	1	1	1					1			
14	V-5 @ S-6"		1		V				1		4/21/22	13:10	1	1	1					1			
	V-5 @ 2'	+	1		۷			+	1		4/21/22	13:20	1	1	1			-		1			
	V-5 @ 4'	+			٧	-		+	1		4/21/22	13:30	1	1	1					1			
.A	V-6 @ S-6"	-			V	/		+	1		4/21/22	13:40	1	1	1					1			
10	V-6 @ 2'	+	1		V	/		+	1		4/21/22	13:50	1	1	1					1			
0.0	V-6 @ 4' V-7 @ S-6"				V	/			V		4/21/22 4/21/22	14:00 14:10	1	1	1					1			

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affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise.

	Relinquished By:	4-22-22 Received By:	Phone Result: Ves No Add'I Phone #:
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		Dute. Received by.	email results to: knorman@tasman-geo.com,
	\bigcirc	Time:	bgriffin@tasman-geo.com, Cook,
	Delivered By: (Circle One)	Sample Condition CHECKED BY:	JohnW <jwcook@dcpmidstream.com>Hyman,AlbertL</jwcook@dcpmidstream.com>
		- 11°) C - O. S° Sample Condition CHECKED BY: Cogl Intact (Initials)	<alhyman@dcpmidstream.com> Hyman, Janice L</alhyman@dcpmidstream.com>
1	Sampler - UPS - Bus - Other:	IL CO HILD Ves Yes	
I	•	-11.5č#1151 No OK	<jhyman@dcpmidstream.com></jhyman@dcpmidstream.com>
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Page 73 of 162

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Tasman Geosciences, LLC							BILL TO ANALYSIS REQUEST																	
Project Manage	r: Kyle Norman							P.O. #:																
	0 W Marland Blvd							Company: Tasman Geo									S							
City: Hobbs State: NM Zip: 88240								Attn: Kyle Norman									NO							
Phone #: 575-318-5017 Fax #:										20 W. Ma	rland	S				nic								
Project #: nAPP2208155134 Project Owner: DCP Midstream								City: Hobbs					l e	Σ			A/S		~	USH				
Project Name: DCP								Stat	te: N	M	Zip: 8824	0	Chlorides	2		ā	SUC			RU				
Project Location: J-8-2 Line Leak								State: NM Zip: 88240 C Phone #: 575-318-5017 C C						801		H	tio	TDS						
Sampler Name: Becky Griffin							Fax					0		BTEX	exas TPH	C	F	HOLD	Hour					
FOR LAB USE ONLY		Г	Г	Γ	M	ATR	_			ERV.	SAMPLI	NG	10	TPH	-	e,	te		-	Ĭ				
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	AINE	GROUNDWATER	WASTEWATER	SUL	SLUDGE	OTHER :	ACID/BASE:	OTHER :	DATE	TIME	Hold				CompleteCations/Anion			24				
21	V-7 @ 2'		1			1			1	1	4/21/22	14:40	1	1	1					1				
	V-7 @ 4'		1		1	1			1	1	4/21/22	14:50	1	1	1					1				
83	V-8@S-6"		1		1				1	1	4/21/22	15:00	1	1	1					1				_
24	V- 8 @ 2'		1		1	/			V	1	4/21/22	15:10	1	1	1					1				
25	V- 8 @ 4'		1		١	/			1	1	4/21/22	15:20	1	1	1					1		_		_
26	V- 9 @ S-6"		1		1				1		4/21/22	15:30	1	1	1					1	_	_	_	
	V-9@2'		1		١	1		4	1		4/21/22	16:00	4	1	1					1	_	_		
28 29 30	V-9@4'		1		١	1			1		4/21/22	16:10	1	1	1					1		_	_	
29	V- 10 @ S-6"		1		١	1			1		4/21/22	16:20	1	1	1					1		-	-	
50	V- 10 @ 2'		1		1				V		4/21/22	16:30	1	1	1		Sec.			1				

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1	amiliates or successors arising out of or related to the perfor	mance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above sta	led reasons of ounerwise.
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			JohnW <jwcook@dcpmidstream.com>Hyman,AlbertL</jwcook@dcpmidstream.com>
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	Sampler - UPS - Bus - Other:	(-11.5° #113 1 Yest Yes NC	<jhyman@dcpmidstream.com></jhyman@dcpmidstream.com>

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Received by OCD: 6/20/2023 11:26:03 AM



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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



	к 6 С	FASMAN GEOSCIENCES KYLE NORMAN 5899 PECOS ST. UNIT C DENVER CO, 80221 Fax To:		
Received:	04/22/2022		Sampling Date:	04/22/2022
Reported:	04/25/2022		Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LEAK	ζ.	Sampling Condition:	** (See Notes)
Project Number:	nAPP2208155134		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

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

BTEX 8021B	mg/	'kg	Analyze	d 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 9	% 69.9-14	0							
TPH 8015M	mg/	kg	Analyze	d 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	% 66.9-13	6							
Surroguie. 1 Chiorobelune										

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603

Company Name: Tasman Geosciences, LLC								T	BILL TO ANALYSIS REQUEST															
Project Manage	r: Kyle Norman							P.O. #:																
	0 W Marland Blvd							Company: Tasman Geo										S						
City: Hobbs		Zip	: 88	324	0			At	tn:	Kyl	e N	lorman						UO						
Phone #: 575-318-5017 Fax #:										20 W. Ma	rland	S				,ui								
Project #: nAPP2208155134 Project Owner: DCP Midstream						Ci	ty: I	Hot	obs			l e	Σ		Т	S/A			5					
Project Name: DCP							State: NM Zip: 88240						G	10	\mathbf{x}	TPH	Suc			RUSH				
Project Location: J-8-2 Line Leak							Phone #: 575-318-5017						Chlorides	801	μ.	5	atic	TDS	HOLD					
								1	x #:		75-516-5017				BTEX	Texas	õ	F	14	Hour				
FOR LAB USE ONLY	Sampler Name: Becky Griffin FOR LAB USE ONLY MATRIX				IX	-	PRESER			SAMPLI	SAMPLING		TPH	_	ē	te		-						
Lab I.D. HZZ1668	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Hold	F			CompleteCations/Anions			24			
	HA - 1 @ 15'		1			1				1		4/22/22	13:30	\checkmark	1	1					1			
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							+	+																

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 demed 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 consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, artificate or successors arising out of or related to the performance of services hyce cardinal: regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinguished By:		Phone Result: Ves No Add'l Phone #:
(x cx		Fax Result: 🗆 Yes 🗵 No 🛛 Add'I Fax #:
TR. CRUATT	1435 A HUMANA MARKE	REMARKS:
Relinquished By:	Date: Received By:	email results to: knorman@tasman-geo.com,
3330	Time:	bgriffin@tasman-geo.com, Cook,
		JohnW <jwcook@dcpmidstream.com>Hyman,AlbertL</jwcook@dcpmidstream.com>
Delivered By: (Circle One)		<alhyman@dcpmidstream.com> Hyman, Janice L</alhyman@dcpmidstream.com>
Sampler - UPS - Bus - Other:	leize #13 Die No YO-	<jhyman@dcpmidstream.com></jhyman@dcpmidstream.com>

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

Received by OCD: 6/20/2023 11:26:03 AM



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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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,

Whe Singh

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



nAPP2208155134

NONE GIVEN

Shalyn Rodriguez

Sample Received By:

Analytical Results For:

	TASMAN GEOSCIENC	ES	
	KYLE NORMAN		
	6899 PECOS ST. UNI	ГС	
	DENVER CO, 80221		
	Fax To:		
Received:	05/03/2022	Sampling Date:	05/02/2022
Reported:	05/06/2022	Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LEAK	Sampling Condition:	Cool & Intact

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

Project Number:

Project Location:

BTEX 8021B	mg/	'kg	Analyze	d 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	102 9	% 69.9-14	10						
TPH 8015M	mg/	kg	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	98.9	% 59.5-14							

Cardinal Laboratories

*=Accredited Analyte

Mite Sugar

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



NONE GIVEN

Analytical Results For:

	TASMAN GEOSCIENCES KYLE NORMAN 6899 PECOS ST. UNIT C DENVER CO, 80221 Fax To:		
Received:	05/03/2022	Sampling Date:	05/02/2022
Reported:	05/06/2022	Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134	Sample Received By:	Shalyn Rodriguez

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

Project Location:

BTEX 8021B	mg/	/kg	Analyze	d 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	% 69.9-14	0						
TPH 8015M	mg	/kg	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	101	% 59.5-14	2						

Cardinal Laboratories

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Mite Sugar

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



	TASMAN GEOSCIENCES KYLE NORMAN 6899 PECOS ST. UNIT C DENVER CO, 80221			
	Fax To:			
05/03/2022		Sampling Date:		05/02/2022
05/06/2022		Sampling Type:		Soil
DCP - J-8-2 LINE LEA	АK	Sampling Condition:		Cool & Intact
nAPP2208155134		Sample Received By:		Shalyn Rodriguez
NONE GIVEN				
	05/06/2022 DCP - J-8-2 LINE LEA nAPP2208155134	KYLE NORMAN 6899 PECOS ST. UNIT C DENVER CO, 80221 Fax To: 05/03/2022 05/06/2022 DCP - J-8-2 LINE LEAK nAPP2208155134	KYLE NORMAN 6899 PECOS ST. UNIT C DENVER CO, 80221 Fax To:Sampling Date: Sampling Type:05/03/2022Sampling Type: Sampling Condition: nAPP2208155134Sample Received By:	KYLE NORMAN 6899 PECOS ST. UNIT C DENVER CO, 80221 Fax To:Sampling Date:05/03/2022Sampling Date:05/06/2022Sampling Type:DCP - J-8-2 LINE LEAK NAPP2208155134Sampling Condition:sample Received By:Sample Received By:

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

BTEX 8021B	mg/	′kg	Analyze	d 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 BTEX	0.581	0.300	05/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
TPH 8015M	mg/	′kg	Analyze	d 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 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	113 9	% 59.5-14	2						

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Mite Sugar

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



		TASMAN GEOSCIENCES		
		KYLE NORMAN		
		6899 PECOS ST. UNIT C		
		DENVER CO, 80221		
		Fax To:		
Received:	05/03/2022		Sampling Date:	05/02/2022
Reported:	05/06/2022		Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LE	EAK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

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

BTEX 8021B	mg/	kg	Analyze	d 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 BTEX	222	3.00	05/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	122 9	69.9-14	0						
TPH 8015M	mg/	kg	Analyze	d 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 9	% 66.9-13	6						

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Mite Sugar

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



		TASMAN GEOSCIENCES		
		KYLE NORMAN		
		6899 PECOS ST. UNIT C		
		DENVER CO, 80221		
		Fax To:		
Received:	05/02/2022		Compling Data	05/02/2022
Receiveu.	05/03/2022		Sampling Date:	05/02/2022
Reported:	05/06/2022		Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LE	EAK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

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

BTEX 8021B	mg/	′kg	Analyze	d 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 9	% 69.9-14	0						
TPH 8015M	mg/	′kg	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	76.7	% 59.5-14	2						

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Mite Sugar

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



	TASMAN GEOSCIENCES KYLE NORMAN 6899 PECOS ST. UNIT C DENVER CO, 80221 Fax To:		
Received:	05/03/2022	Sampling Date:	05/02/2022
Reported:	05/06/2022	Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

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

BTEX 8021B	mg/	'kg	Analyze	d 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 9	% 69.9-14	0						
TPH 8015M	mg/	'kg	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	95.8	% 59.5-14	2						

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Mite Sugar

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



	TASMAN GEOSCIEN KYLE NORMAN 6899 PECOS ST. UN	NIT C	
	DENVER CO, 80221		
	Fax To:		
Received:	05/03/2022	Sampling Date:	05/02/2022
Reported:	05/06/2022	Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

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

BTEX 8021B	mg,	/kg	Analyze	d 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	% 69.9-14	0						
TPH 8015M	mg,	/kg	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	102	% 59.5-14	2						

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Mite Sugar

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



		TASMAN GEOSCIENCES		
		KYLE NORMAN		
		6899 PECOS ST. UNIT C		
		DENVER CO, 80221		
		Fax To:		
Received:	05/03/2022		Sampling Date:	05/02/2022
Reported:	05/06/2022		Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LE	EAK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

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

BTEX 8021B	mg,	/kg	Analyze	d 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 BTEX	5.21	0.300	05/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	10						
TPH 8015M	mg,	/kg	Analyze	d 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	% 66.9-13	6						
3									

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Mite Sugar

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



		TASMAN GEOSCIENCES KYLE NORMAN 6899 PECOS ST. UNIT C DENVER CO, 80221 Fax To:		
Received:	05/03/2022		Sampling Date:	05/02/2022
Reported:	05/06/2022		Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LE	AK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

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

TPH 8015M	mg/	kg	Analyze	d 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 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	137 %	6 59.5-14	2						

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

TPH 8015M	mg/k	(g	Analyze	d 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 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	114 %	59.5-14	2						

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Mite Sugar

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



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

Mite Sugar

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

Company Nam	rasman deusciences, LLC									BI	LL TO	Sec.					ANA	YSI	S RE	QUE	ST		
Project Manag	er: Kyle Norman							P.O. #:				T										Т	
	20 W Marland Blvd							Company: Tasman Geo			1												
City: Hobbs	State: NM	A Zi	p: 8	824	0					-	Vorman		1				Su Su						
Phone #: 575	-318-5017 Fax #:				•				-		20 W. Ma	arland	1				l ic						
oroject #: nAP	P2208155134 Project Ow	vner: D	CP	Mi	dstrea	m			: Ho					Σ		-	A			핐			
Project Name:					aotrou						Zip: 8824	0	Chlorides	5 0		exas TPH	JSL			RUSI			
	on: J-8-2 Line Leak												<u>.</u>	5		F	jo l	S		R			
	: Becky Griffin							Fax		57	5-318-5	017	2	TPH 801	BTEX	as	at	TDS	HOLD	Hour			
FOR LAB USE ONLY			Т	T	MA	TRIX	_	the second division in which the second division is not the second division of the second d	#. RES	ERV	SAMPL	NG	1	T		Xe	e O		I	우			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER SOIL	OIL	SLUDGE	OTHER :	ICE / COOL	OTHER :	DATE	ТІМЕ		T			CompleteCations/Anions			24			
1	HA - 1 @ 17'		1		1				1		5/2/22	01:00		1	1					1		-	+
2	HA - 1 @ 19'		1		1				1		5/2/22	01:10		1	1					1			1
3	HA - 1 @ 21'		1		1				\checkmark		5/2/22	01:20		1	1					1			
4	V- 5 @ 9'		1		1				1		5/2/22	01:30					0		1	1			1
5	V- 5 @ 11'		1		1				1		5/2/22	01:40					0		1	1			
é	V- 5 @ 13'		1		1		-		1		5/2/22	01:50		1	1		Vi			1			
G	V- 5 @ 15'		1		1		_		1		5/2/22	02:00		1	N	A	12		1	1			
X	V- 5 @ 17'		1		1		_		1		5/2/22	02:10		1	N	10%	50		1	1			
10	V-5@19		1		1	-	_	1	1		5/2/22	02:20		V	V	. 9	'A.		1	1			
EASE NOTE: Liability a	V-5 @ 21'		1		1				1		5/2/22	02:30		1	1					1			
rvice. In no event shall C filiates or successors arisi	nd Damages. Cardinal's liability and client's exclusive remedy ng those for negligence and any other cause whatsoever shall ardinal be liable for incidental or consequental damages, inclu- ng out of or related to the performance of services hereunder	I be deemed	t limita	tion b	iss made in	writing	and re	ceived	by Card	dinal wi	thin 30 days afte	completion of th	e applicab	le									
elinquished B		2 Re	eeiv	/ed	By:							Phone Res Fax Result	sult: t:	□ Yes			Add'l P Add'l F		t:				

Relinquished By: S-3.22 Received By: Time: Out State: S-3.22	Phone Result: Yes No Add'I Phone #: Fax Result: Yes No Add'I Fax #: REMARKS:
Relinquished By: Date: Received By: Time:	email results to: knorman@tasman-geo.com, bgriffin@tasman-geo.com, Cook,
Delivered By: (Circle One) -10% \ C & Sample Condition CHECKED BY:	JohnW <jwcook@dcpmidstream.com>Hyman,AlbertL <alhyman@dcpmidstream.com> Hyman, Janice L <jhyman@dcpmidstream.com></jhyman@dcpmidstream.com></alhyman@dcpmidstream.com></jwcook@dcpmidstream.com>

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

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ARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Tasman Geosciences, LLC BILL TO													ANA	LYSI	S RE	QUE	ST							
Project Manag	er: Kyle Norman							Р	.0.	#:										Ι		T.		
	20 W Marland Blvd							c	om	pan	y : T	asman (Geo	1				0						
City: Hobbs	State: NM	Zip	o: 8	824	0			Attn: Kyle Norman						1				L SC						
Phone #: 575-	-318-5017 Fax #:											20 W. M	arland	S				Ŀ						
Project #: nAPP2208155134 Project Owner: DCP Midstream					c	ity:	Но	bbs			de l	Σ			A			L S						
Project Name:	DCP							SI	tate	: N	M	Zip: 882	40	Chlorides	10		Texas TPH	ns			RUSH			
Project Locatio	on: J-8-2 Line Leak											5-318-5		Ĕ	801	BTEX	F	tio	TDS	HOLD	L K			
Sampler Name	Becky Griffin								ax #					0		1 m	as	Ca		19	Hour			
FOR LAB USE ONLY			Г		M	ATF	RIX	_	PR	RES	ERV.	SAMPL	ING	σ	TPH	-	e.	te(1	Ĭ			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SUL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Hold	T			CompleteCations/Anions			24			
11	South Wall - West		1		V	1				1		5/2/22	11:00		1						1			
12	South Wall - East		1		V	1	_			1		5/2/22	11:20		1						1			
PLEASE NOTE: Liability and analyses. All claims including	nd Damages. Cardinafs liability and client's exclusive remedy for a	ny clain	arisir	ng whe	her base	ed in a	contract	ortor	t, shal	II be li	mited to	o the amount pa	d by the client for	the										
	ng those for negligence and any other cause whatsoever shall be ardinal be liable for incidental or consequental damages, including ng out of or related to the performance of services hereunder by C														le									
Relinquished By Relinquished By	Time 948	Re			By:	R	iO	p	K	Q	rune		Phone Res Fax Result REMARKS	sult: t: b:	□ Yes		No	Add'l F						
Delivered By: Date: Received By: Delivered By: Time: Delivered By: Col Sampler - UPS - Bus - Other: Col Col Sample Condition Col Intact Ves Ves No No								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></jhyman@dcpmidstream.com></alhyman@dcpmidstream.com></jwcook@dcpmidstream.com>																

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

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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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



	TASMAN GEOSCIENCI KYLE NORMAN 6899 PECOS ST. UNIT DENVER CO, 80221 Fax To:		
Received:	05/06/2022	Sampling Date:	05/03/2022
Reported:	05/09/2022	Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

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

BTEX 8021B	mg/	kg	Analyze	d 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 %	69.9-14	0						
TPH 8015M	mg/	kg	Analyze	d 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 9	% 66.9-13	6						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

bgriffin@tasman-geo.com, Cook,

<JHyman@dcpmidstream.com>

JohnW<JWCook@dcpmidstream.com>Hyman,AlbertL

<ALHyman@dcpmidstream.com> Hyman, Janice L

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RDINAL 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

In News	Geosciences, LLC		1	,				T			BI	LL TO	6					ANA	LYSIS	S RE	QUE	ST			
Project Manager: Kyle Nor								Р	2.0.	#:															
Address: 2620 W Marla			c			Company: Tasman Geo								S											
City: Hobbs	State: NM	Zip	: 88	3240)			A	ttn	: K	yle N	lorman						jo l							
Phone #: 575-318-5017	Fax #:							A	ddi	res	s : 26	20 W. N	larland					AU			II				
Project #: nAPP220815513	34 Project Owne	r: D	CP	Mid	stre	am	1	c	ity:	H	obbs			S	Σ		I	Cations/Anions			USH				-
Project Name: DCP								s	itate	e: N	M	Zip: 882	40	Chlorides	TPH 8015	×	Texas TPH	0	0		L R				
Project Location: J-8-2 Lin	ne Leak							Р	ho	ne #	#: 57	5-318-	5017	1 P	8	BTEX	S	ati	TDS	HOLD					
Sampler Name: Becky Griffi	in							F	ax	and in case of				통	II	m	Xa			II	Hour				
FOR LAB USE ONLY			Γ		1	TAN	RIX	_	P	RE	SERV.	SAMP	LING	10	4		He	ete							
	ample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL OTHER :	DATE	TIME					Complete			24				
H221922		Ĩ	#		>	1					/	5/3/22	02:00		1	1					1				
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PLEASE NOTE: Liability and Damages. Cardin analyses. All claims including those for negliger service. In no event shall Cardinal be liable for i	nce and any other cause whatsoever shall b	e deeme	ed waiv	ved unl tation	ess ma	ade in ss inte	writing	and re	eceive is of u	ise, or	r loss of p	within 30 days	by client, its subsi	diaries,	able										
affiliates or successors arising out of or related to Relinquished By:	to the performance of services hereunder by Date:	Cardina	al, rega	ived	of whe	ether s	uch cla	aim is t	based	upon	h any of th	ne above stated	Phone F	Result:			No		Phone						
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CHECKED BY:

(Initials)

Sample Condition

Cool Intact

4

Page 4 of

Yes Yes No No Ŧ † Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

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Time:

Received by OCD: 6/20/2023 11:26:03 AM

Relinguished By

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:



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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



		TASMAN GEOSCIENCES KYLE NORMAN 6899 PECOS ST. UNIT C DENVER CO, 80221 Fax To:		
Received:	05/24/2022		Sampling Date:	05/24/2022
Reported:	05/25/2022		Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LE	EAK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

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

•	-	•							
BTEX 8021B	mg	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 66.9-13	6						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		TASMAN GEOSCIENCES KYLE NORMAN 6899 PECOS ST. UNIT C DENVER CO, 80221 Fax To:		
Received:	05/24/2022		Sampling Date:	05/24/2022
Reported:	05/25/2022		Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LE	AK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

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

BTEX 8021B	mg	/kg	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	97.4	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		TASMAN GEOSCIENCES KYLE NORMAN 6899 PECOS ST. UNIT C DENVER CO, 80221 Fax To:		
Received:	05/24/2022		Sampling Date:	05/24/2022
Reported:	05/25/2022		Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LE	AK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

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

BTEX 8021B	mg	/kg	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	93.2	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		TASMAN GEOSCIENCES KYLE NORMAN 6899 PECOS ST. UNIT C DENVER CO, 80221 Fax To:		
Received:	05/24/2022		Sampling Date:	05/24/2022
Reported:	05/25/2022		Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LE	AK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

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

BTEX 8021B	mg	/kg	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	87.2	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		TASMAN GEOSCIENCES KYLE NORMAN 6899 PECOS ST. UNIT C DENVER CO, 80221 Fax To:		
Received:	05/24/2022		Sampling Date:	05/24/2022
Reported:	05/25/2022		Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LEA	K	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

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

BTEX 8021B	mg	/kg	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500Cl-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	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	94.3	% 59.5-14	2						

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*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		TASMAN GEOSCIENCES KYLE NORMAN 6899 PECOS ST. UNIT C DENVER CO, 80221 Fax To:		
Received:	05/24/2022		Sampling Date:	05/24/2022
Reported:	05/25/2022		Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LE	AK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

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

BTEX 8021B	mg	/kg	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/25/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	81.6	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		TASMAN GEOSCIENCES KYLE NORMAN 6899 PECOS ST. UNIT C DENVER CO, 80221 Fax To:		
Received:	05/24/2022		Sampling Date:	05/24/2022
Reported:	05/25/2022		Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LE	AK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

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

BTEX 8021B	mg	/kg	Analyze	d 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	% 69.9-14	0						
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	05/25/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	87.4	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		TASMAN GEOSCIENCES KYLE NORMAN 6899 PECOS ST. UNIT C DENVER CO, 80221 Fax To:		
Received:	05/24/2022		Sampling Date:	05/24/2022
Reported:	05/25/2022		Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LE	AK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

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

BTEX 8021B	mg,	′kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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 BTEX	3.28	0.300	05/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 69.9-14	10						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	2080	16.0	05/25/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	90.3	% 59.5-14	12						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	TASMAN GE KYLE NORM 6899 PECOS DENVER CO Fax To:	AN ST. UNIT C	
Received: Reported: Project Name: Project Number: Project Location:	05/24/2022 05/25/2022 DCP - J-8-2 LINE LEAK nAPP2208155134 NONE GIVEN	Sampling Date: Sampling Type: Sampling Condition: Sample Received By:	05/24/2022 Soil Cool & Intact Shalyn Rodriguez

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

BTEX 8021B	mg	/kg	Analyze	ed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	224	16.0	05/25/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	91.3	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

	TASMAN GEO KYLE NORMAI 6899 PECOS S DENVER CO, 8 Fax To:	N ST. UNIT C	
Received:	05/24/2022	Sampling Date:	05/24/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GRAB - 1 (H222206-10)

BTEX 8021B	mg	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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	% 69.9-14	10						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	184	% 59.5-14	12						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

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

Cardinal Laboratories

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Tasman Geosciences, LLC Project Manager: Kyle Norman							BILL TO ANALYSIS REQUEST																
							P.0). #:						T	T		T			<u> </u>	_		
Address: 2620 W Marland Blvd							Co	mpa	ny:	Tasman	Geo												
City: Hobbs State: NM Zip: 88240							Attn: Kyle Norman						1.5			US I							
Phone #: 575-318-5017 Fax #: Project #: nAPP2208155134 Project Owner: DCP Midstream Project Name: DCP							Address: 2620 W. M				bacha					9							
								y: H			ananu		-		F	IS/Ar			II				
											40			Z					ISI				
							State: NM Zip: 8824				10		1	BTEX	臣	0	S						
	: Kyle Norman			25				Phone #: 575-318-5017					Ī	TPH 8015	12	exas TPH	eCati	TDS	HOLD	1			
FOR LAB USE ONLY		Т	Т	T	M	ATRI	_	Fax #: PRESERV. SAMPLING					-6		B					Hour			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	DTHER :	ACID/BASE:	OTHER :	DATE	TIME		14		Te	CompleteCations/Anions			24 F			
1	5 Pt Comp Bottom-1 @ 22'	Ť	1	Ŭ	> 0	1	0			1	5/24/22			1							_		+
3	5 Pt Comp Wall - 1 @ S- 22"		1		1	1		+	1		5/24/22	09:00 09:10	1	✓ ✓	1					1			-
	5 Pt Comp Wall - 2 @ S- 22"		1		1	1		1	1	-	5/24/22	09:20		1	×					1			-
4	5 Pt Comp Wall - 3 @ S- 22"		1		1	'		1	1	1	5/24/22	09:20	1	1	1					1			-
5	5 Pt Comp Wall - 4 @ S- 22"		1		1	'		1	1	1	5/24/22	09:40	1	1						1		+	
4	5 Pt Comp Wall - 5 @ S- 22"		1		1			T	1	1	5/24/22	09:50	1	1				_		1			+
	5 Pt Comp Wall - 6 @ S- 22"		1		1				1	1	5/24/22	10:00	1	1	1					4	_		
a	5 Pt Comp Wall - 7 @ S- 22"		1		1			1	1	1	5/24/22	10:10	1	1						1			+
1	5 Pt Comp Wall - 8 @ S- 22"		1		1			T	1	1	5/24/22	10:20	1	1						1			
EASE NOTE: Liability an	Grab -1		1		\checkmark				1		E ID A IDD	10:30	1	1	1					1	_	-	
lyses. All claims includin	d Damages. Cardinal's liability and client's exclusive remedy for ig those for negligence and any other cause whatsoever shall be ardinal be liable for incidental or consequental damages, includir	any clair deemed	m arisi d waive	ng whet ed unles	ther base as made i	d in cont n writing	tract or and re	tort, si ceived	hall be I d by Car	limited for the second	to the amount pai	d by the client fo	r the							•			
liates or successors arisir	ng out of or related to the performance of services hereunder by	ig withou Cardinal,	t limita regar	tion, bu dless of	siness in f whether	terruptio such cla	aim is b	s of us ased u	e, or los upon an	ss of provide the	ofits incurred by above stated real	lient, its subsidia	aries, se										
Relinquished By: Beck A By: Relinquished By: Received By: Date: Date: Time:						z	Phone Result: Yes No Add'l Phone #: Fax Result: Yes No Add'l Fax #: REMARKS: email results to: knorman@tasman-geo.com, bgriffin@tasman-geo.com, Cook, Image: Cook and the second secon								24 2	HU	2						
	(Circle One) -0.9°_{c}) C°_{c} - Bus - Other: 1.4°_{c}	.5	-	C	ample ool	Intact	t			ECKI		JohnW <alhy< td=""><td>/<jw man(</jw </td><td>Coo @dc</td><td>k@do pmid</td><td>cpmio strea</td><td>dstre m.co</td><td>am.o m></td><td>com> Hym</td><td>Hyma an, Ja</td><td>an,Albe anice L</td><td>rtL</td><td></td></alhy<>	/ <jw man(</jw 	Coo @dc	k@do pmid	cpmio strea	dstre m.co	am.o m>	com> Hym	Hyma an, Ja	an,Albe anice L	rtL	

<JHyman@dcpmidstream.com>

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

42 #113

Yes Yes

<u>Ω</u>

Page 13 of

Received by OCD: 6/20/2023 11:26:03 AM

Page 108 of 162


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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



	TASMAN GEOSCII KYLE NORMAN 6899 PECOS ST. I DENVER CO, 8023 Fax To:	UNIT C	
Received:	05/26/2022	Sampling Date:	05/26/2022
Reported:	05/26/2022	Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134	Sample Received By:	Jodi Henson
Project Location:	NONE GIVEN		

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

Chloride, SM4500Cl-B	mg	/kg	Analyze	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, SM4500Cl-B	mg	/kg	Analyze	lyzed 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)

Result <0.050	Reporting Limit 0.050	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	0 110
	0.050	05/26/2022			, a recovery		RPD	Qualifier
.0.050		05/26/2022	ND	2.10	105	2.00	0.167	
<0.050	0.050	05/26/2022	ND	2.07	103	2.00	0.321	
<0.050	0.050	05/26/2022	ND	2.04	102	2.00	0.0474	
<0.150	0.150	05/26/2022	ND	6.31	105	6.00	0.432	
<0.300	0.300	05/26/2022	ND					
102 %	69.9-14	0						
mg/	kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
80.0	16.0	05/26/2022	ND	432	108	400	0.00	
mg/	kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
	<0.050 <0.150 <0.300 <i>102 %</i> mg/ 80.0 mg/	<0.050 0.050 <0.150 0.150 <0.300 0.300 <i>102 % 69.9-14</i> mg/kg Result Reporting Limit 80.0 16.0 mg/kg	<0.050 0.050 05/26/2022 <0.150 0.150 05/26/2022 <0.300 0.300 05/26/2022 102 % 69.9-140 mg/kg Analyze Result Reporting Limit Analyzed 80.0 16.0 05/26/2022 mg/kg Analyze	 <0.050 0.050 0.050 05/26/2022 ND <0.150 05/26/2022 ND <0.300 05/26/2022 ND <i>102 % 69.9-140 Analyzed By: AC</i> Result Reporting Limit Analyzed Method Blank 80.0 16.0 05/26/2022 ND <i>mg/kg Analyzed By: MS</i>	<0.050	<0.050	<0.050	<0.050

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

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	Sampling Date:	05/26/2022
Reported:	05/26/2022	Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134	Sample Received By:	Jodi Henson
Project Location:	NONE GIVEN		

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

TPH 8015M	mg	/kg	Analyze	d 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					
Surrogate: 1-Chlorooctane	107	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	116 9	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



SAME DAY.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603 (505) 293-2326 EAX (505) 393-2476 (325) 673-7001 EAX (325)673-7020

Company Name	(505) 393-2326 F	THE OWNER OF THE OWNER OWNER OF THE OWNER										LL TO					/	ANAL	YSIS	RE	QUE	ST			
	r: Kyle Norman	000, 220							P.O.	#:															
) W Marland Blv	d							Company: Tasman Geo								SL								
City: Hobbs		State: NM	Zip	: 88	240)			Attn	: K	yle N	lorman						Cations/Anions							
Phone #: 575-3	318-5017	Fax #:							Add	res	s: 26	20 W. M	arland					An							
Project #: nAPF	2208155134	Project Owner	r: D(CP	Mid	strea	m		City	: H	obbs			S	Σ		I	S/			RUSH				
Project Name: [Stat	e: N	MV	Zip: 8824	40	l m	15	×	HH I	10	0	0	12				
	n: J-8-2 Line Leak	(Pho	ne	#: 57	5-318-5	6017	Chlorides	TPH 8015	BTEX	Texas TPH	at	TDS	НОГР	1				
Sampler Name:									Fax	-				통	I	m	Xe			ーエ	Hour				
FOR LAB USE ONLY						M	ATRI	X	1	PRE	SERV.	SAMPI	ING	10	6		μ	ete							
Lab I.D. HZZZZY9	Sample	I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL OTHER :	DATE	TIME					Complete			N				
112000 14	5 Pt Comp Wall - 9 0	@ S-22'	Ĭ	1	Ŭ		1				~	5/26/22	12:00	~							~				
2	5 Pt Comp Wall - 10			1			/				~	5/26/22	12:15	1						-	~				
	5 Pt Comp Bottom -2			1		6	/	-			~	5/26/22	12:30	ľ	~	~			-		-				
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analyses. All claims includ	and Damages. Cardinal's liability an ing those for negligence and any of Cardinal be liable for incidental or c	ther cause whatsoever shall be	e deemo	ed waiv	red uni	ess mac	interru	ing an	loss of	use, o	or loss of p	profits incurred t	y client, its subsid	diaries	cable										
affiliates or successors arise Relinquished B	sing out of or related to the perform	Date 3/26/22 Times: 30	Cardina	al, rega	ved	of wheth	her suc	h claim	is base	N	in any of t	PM	Phone R Fax Res REMAR	esult: ult: KS:		es 🛛	No No	Add'	I Phone I Fax #						
Relinquished E	ly:	Date: Time:	R	ecei	ved	By:							emai bgriff	in@	tasm	an-o	geo.o	com,	, Hyr	man,	Albe	ertL		epher	ו W
	: (Circle One)	1.62 #	11	3		Samp Cool	es [s		CHEO	KED BY:	- <sw< td=""><td>Wea</td><td>ather</td><td>s@c</td><td>lcpm</td><td>idst</td><td>rean</td><td>n.cor</td><td>n></td><td></td><td>, ou</td><td>prior</td><td></td></sw<>	Wea	ather	s@c	lcpm	idst	rean	n.cor	n>		, ou	prior	

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



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 accreditated 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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



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

Analytical Results For:

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.

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keine

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 LEAKReported:Project Number:nAPP220815513413-Jun-22 14:50Project Manager:KYLE NORMANFax To:Fax To:									
GRAB - 2 H222439-01 (Soil)											
Analyte	Result	Reporting MDL Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes		
		Cardin	al Laborat	ories							
<u>Inorganic Compounds</u> Chloride	32.0	16.0	mg/kg	4	2060915	AC	09-Jun-22	4500-Cl-B			
Volatile Organic Compound	ls by EPA Method 802	1									
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	ЛН	09-Jun-22	8021B			
Total Xylenes*	< 0.150	0.150	mg/kg	50	2060821	ЈН	09-Jun-22	8021B			
Total BTEX	< 0.300	0.300	mg/kg	50	2060821	ЛН	09-Jun-22	8021B			
Surrogate: 4-Bromofluorobenzene (P	PID)	99.1 %	69.9	-140	2060821	ЛН	09-Jun-22	8021B			
Petroleum Hydrocarbons by	y 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	rrogate: 1-Chlorooctane 118 %				2060822	MS	09-Jun-22 8015B				
Surrogate: 1-Chlorooctadecane		121 %	59.5	-142	2060822	MS	09-Jun-22	8015B			

Cardinal Laboratories

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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
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Inorganic Compounds - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	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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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



TASMAN GEOSCIENCES 6899 PECOS ST. UNIT C DENVER CO, 80221	•	DCP - J-8-2 LINE LEAK nAPP2208155134 KYLE NORMAN	Reported: 13-Jun-22 14:50
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Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2060821 - Volatiles										
Blank (2060821-BLK1)				Prepared: ()8-Jun-22 A	nalyzed: 0	9-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: ()8-Jun-22 A	nalyzed: 0	9-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: ()8-Jun-22 A	nalyzed: 0	9-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			

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



TASMAN GEOSCIENCES 6899 PECOS ST. UNIT C DENVER CO, 80221		DCP - J-8-2 LINE LEAK nAPP2208155134 KYLE NORMAN	Reported: 13-Jun-22 14:50
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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
	Result	Linit	Ollits	Lever	Result	70KEC	Linits	KI D	Liiiit	Notes
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. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name	: Tasman Geosciences, LLC						Τ	BILL TO ANALYSIS REQUEST																	
roject Manage	er: Kyle Norman							P.O. #:																	
	0 W Marland Blvd							Company: Tasman Geo							S										
sity: Hobbs State: NM Zip: 88240				Att	ttn: Kyle Nor		Attn: Kyle Norman						u				2								
Phone #: 575-3	318-5017 Fax #:							Address: 2620 W. Marland			rland	S				, in				0					
Project #: nAP	P2208155134 Project Owr	ner: D	CP	Mids	strea	am		Cit	ity: Hobbs		City: Hobbs		-	de l	Σ		Т	S/A			5	G			
Project Name: DCP Project Location: J-8-2 Line Leak Sampler Name: Becky Griffin				Sta	te: N	M	Zip: 8824	0	Chlorides	2	X	Texas TPH	ü			RUSH	0								
				Phone #: 575-31						TPH 801	BTEX	l s	atic	TDS	НОГР	L.	2								
				Fax #:					10		B	xa	Ű	F	14	Hour	1								
FOR LAB USE ONLY			Г		M	ATRI	x	PRESERV. SAMPLING		NG	P	1		e	ete		-		2						
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL OTHER :	DATE	TIME	PIOH				CompleteCations/Anions			24	Of al				
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PLEASE NOTE: Liability and Damages. Cardina's liability and client's exclusive remedy for any claim ansing 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 consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,

Relinquished By:	Date: B-22 Received By: G-8-27 Work Market District Commence and the second commence of th	Phone Result: Yes No Add'I Phone #: Fax Result: Yes No Add'I Fax #: REMARKS:
Relinquished By:	Date: Received By: Time:	 email results to: knorman@tasman-geo.com, bgriffin@tasman-geo.com, swweathers@dcpmidstream.com ALHyman@dcpmidstream.com, Hyman, Janice L
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	HI3-914 Sample Condition Cool Intact Ves Nres No No	CHECKED BY: (Initials) JHyman@dcpmidstream.com

6

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AM

Received by OCD: 6/20/2023 11:26:03



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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



		TASMAN GEOSCIENCES KYLE NORMAN 6899 PECOS ST. UNIT C DENVER CO, 80221 Fax To:		
Received:	06/08/2022		Sampling Date:	06/08/2022
Reported:	06/09/2022		Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LI	EAK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134		Sample Received By:	Yvonne Muniz
Project Location:	NONE GIVEN			

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

BTEX 8021B	mg	/kg	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	81.8	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



	TASMAN GEOSCIENCES KYLE NORMAN 6899 PECOS ST. UNIT C DENVER CO, 80221 Fax To:		
Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134	Sample Received By:	Yvonne Muniz
Project Location:	NONE GIVEN		

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

BTEX 8021B	mg	/kg	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	alyzed 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	103	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



	TASMAN GEOSCIENCES KYLE NORMAN 6899 PECOS ST. UNIT C DENVER CO, 80221 Fax To:		
Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134	Sample Received By:	Yvonne Muniz
Project Location:	NONE GIVEN		

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

BTEX 8021B	mg/	′kg	Analyze	d 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 \$	% 69.9-14	0						
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	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	98.3	% 59.5-14	2						

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*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



	TASMAN GEOSCIENCES KYLE NORMAN 6899 PECOS ST. UNIT C DENVER CO, 80221 Fax To:		
Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134	Sample Received By:	Yvonne Muniz
Project Location:	NONE GIVEN		

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

BTEX 8021B	mg/	/kg	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	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	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	92.4	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



	TASMAN GEOSCIENCES KYLE NORMAN 6899 PECOS ST. UNIT C DENVER CO, 80221 Fax To:		
Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134	Sample Received By:	Yvonne Muniz
Project Location:	NONE GIVEN		

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

•	_	•	-						
BTEX 8021B	mg/kg		Analyze	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 5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/09/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	105	% 59.5-14							

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



	TASMAN GEOSCIENCES KYLE NORMAN 6899 PECOS ST. UNIT C DENVER CO, 80221 Fax To:		
Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	DCP - J-8-2 LINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	nAPP2208155134	Sample Received By:	Yvonne Muniz
Project Location:	NONE GIVEN		

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

BTEX 8021B	mg	/kg	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	95.2	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

Address: 2620 V						Company Name: Tasman Geosciences, LLC						BILL TO ANALYSIS REQUEST												
Address: 2620 V		Project Manager: Kyle Norman							P.O. #:			Ι				s								
City Llobbo	Address: 2620 W Marland Blvd							c	Company: Tasman Geo															
City: Hobbs State: NM Zip: 88240						A	Attn: Kyle Norman			1				Cations/Anion										
Phone #: 575-318-5017 Fax #:						Address: 2620 W. Marland				1														
Project #: nAPP22	208155134	Project Owne	er: D	CP	Mids	strea	m	c	ity:	Hobb	os			0	Σ			S/A			LS S			
				s	State: NM Zip: 88240			Chlorides			TPH	Suc			RUS									
Project Location:	J-8-2 Line Leak							P	hone	#: 5		5-318-5		1 ž	0	Π	F	atic	TDS	L				
Sampler Name: Be	ecky Griffin								ax #:				011	2	TPH 8015	BTEX	Texas	S		HOLD	Hour			
FOR LAB USE ONLY			T.	Γ		MA	TRIX		PR	ESER	V.	SAMPLI	NG	C	L L		e.			-	ĭ			
Lab I.D.	Sample I	.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER SOIL	L	SLUDGE OTHER	ACID/BASE:	ICE / COOL	TEX:				F			Complete			24			
H2ZZ440			9	#	5	SC N	OIL	S IC	AC	00	5	DATE	TIME									_		
	Pt Comp Wall - 11 @			1		1				√		6/8/22	08:00	V.	1	1					1			
	Pt Comp Wall - 12 @					1		-		V /	1	6/8/22	08:30	V	1	1					V			
	Pt Comp Wall - 13 @			1		¥				V /		6/8/22	09:00	1	1	1					1		-	
	Pt Comp Wall - 14 @ Pt Comp Bottom -3 @			1		✓ ✓		-		v 1	-	6/8/22 6/8/22	09:30	V /	*	*					*			
	Pt Comp Bottom - 4			1		1				1	+	6/8/22	10:00 10:30	1	 ✓ 	 ✓ 					✓ ✓			
PLEASE NOTE: Liphility and Do	mone Confects lability and al																							
PLEASE NOTE: Liability and Dar analyses. All claims including tho service. In no event shall Cardina affiliates or successors arising out Relinquished By: Relinguished By:	amages. Cardinal's liability and clip lose for negligence and any other nal be liable for incidental or conse ut of or related to the performance	cause whatsoever shall be quental damages, including	deemed g withou Cardinal, Re	t limita regare ceiv	tion, bus	whether y:	writing	and rec	eived by of use	Cardinal	l with	hin 30 days after its incurred by cl	completion of th	he applicat ries, se. sult: t: S:	□ Yes		No	Add'l F						

-9

Sample Condition

Cool Intact

No 🗌 No

 Fax Result:
 Yes
 No
 Add'I Fax #:

 REMARKS:
 email results to: knorman@tasman-geo.com, bgriffin@tasman-geo.com, swweathers@dcpmidstream.com, ALHyman@dcpmidstream.com, Hyman, Janice L JHyman@dcpmidstream.com

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

Time:

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Sampler - UPS - Bus - Other:

Page 9 of 9

Appendix D – Manifests

	Manifest #
SOUTH MONUMENT SURF2 LANDFARM - I (575)390-7996 CELL (575)390-39	ACE WASTE FACILITY
LEASE OPERATOR	ORIGINATING LOCATION
	LEASE DCP - J-8-2
DCT	SRT
TRANSPORTER NAME & ADDRESS	
Tasman (DJ Truck)	
DESCRIPTION OF WASTE	QUANTITY
Non-Hazardous Hydrocarbons	<u>48</u> yds
FACILITY CONTACT:	
SIGNATURE OF CONTACT	DATE
CELL NUMBER MATERIAL PLACED IN:	·····
NAME OF TRANSPORTER (DRIVER) :	
Severo Diciz SIGNATURE OF DRIVER	5/4/22_ DATE
DISPOSAL SITE South Monument Surface Waste Facil: ty 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 exempt waste as defined by the Environmental generated from oil and gas exploration and p "Conservation and Recovery Act (RCR), Subtit exempt waste."	networkien energy (ark). The second from Resource

FACILITY REPRESENTATIVE

DATE

1920-		Manifest #	
	SOUTH MONUMENT SURFA LANDFARM - D (575)390-7996 CELL (575)390-36	CE WASTE FACILITY DIRT SALES 65 CELL (575)397-6109 WORK	
	LEASE OPERATOR	ORIGINATING LOCATION	
	DCP Midstream	LEASE J-8-2.	
	TRANSPORTER NAME & ADDRESS	SRT	
		asman	
	DESCRIPTION OF WASTE		
	Non-Hazardous Hydrocarbons	QUANTITY	
	FACILITY CONTACT:		
Stafforder 1	SIGNATURE OF CONTACT	DATE	
	CELL NUMBER MATERIAL PLACED IN:		
	NAME OF TRANSPORTER (DRIVER) :		
i	Cacles Martinez	5/18/22 DATE	
:] !	DISPOSAL SITE South Monument Surface Waste Facil: ty P. O. Box 418 Hobbs, NM 88241-0418 S25 T20S R36E N/2 NE/4	PERMIT #NM-01-0032 N/2 NE/4 \$25/T20\$/R36E 575-390-7996 CELL 575-391-8391 HOME	
C	"As a condition of acceptance for disposal, I exempt waste as defined by the Environmental Pro- generated from oil and gas exploration and produc Conservation and Recovery Act (RCRA) Subtitle C exempt waste."	(EPA). The waste ar	

FACILITY REPRESENTATIVE

DATE

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	Manifest # URFACE WASTE FACILITY - DIRT SALES 90-3665 CELL (575)397-6109 WOR	
LEASE OPERATOR		
	ORIGINATING LOCATION	
TRANSPORTER NAME & ADDRESS	LEASE <u>) - 8 - 2</u> SRT	
DESCRIPTION OF WASTE Non-Hazardous Hydrocarbons	JUANTITY	
FACILITY CONTACT:	<u> </u>	_
SIGNATURE OF CONTACT	DATE	
CELL NUMBER MATERIAL PLACED IN:	· · · · · · · · · · · · · · · · · · ·	
NAME OF TRANSPORTER (DRIVER) :		
<u>Carlos</u> Martinez SIGNATURE OF DRIVER	5/19/22 DATE	
DISPOSAL SITE		
South Monument Surface Waste Facil: ty P. O. Box 418 Hobbs, NM 88241-0418 S25 T20S R36E N/2 NE/4	PERMIT #NM-01-0032 N/2 NE/4 \$25/T20\$/R36E 575-390-7996 CELL 575-391-8391 Home	
"As a condition of acceptance for dispos exempt waste as defined by the Environment generated from oil and gas exploration and Conservation and Recovery Act (RCR), Subt exempt waste."	al, I hereby certify that this waste i tal Protection Agency (EPA). Whe waste	

FACILITY REPRESENTATIVE

DATE

SOUTH MONUMENT SUR LANDFARM - (575)390-7996 CELL (575)390- LEASE OPERATOR	DIRT SALES -3665 CELL (575)397-6109 WORK	
DCP Midstream	ORIGINATING LOCATION LEASE $5-8-2$.	-
TRANSPORTER NAME & ADDRESS	ST	
Tasman / D.S. Truck		
DESCRIPTION OF WASTE	QUANTITY	
Non-Hazardous Hydrocarbons	36 YDS	
FACILITY CONTACT:		
22 (A. 1997) - A. 19		
SIGNATURE OF CONTACT	DATE	
CELL NUMBER MATERIAL PLACED IN:		
NAME OF TRANSPORTER (DRIVER) :		
Sol Jimenez SIGNATURE OF DRIVER	5/20/20 DATE	
DISPOSAL SITE		
South Monument Surface Waste Facil: ty 2. 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	
1205 RS6E N/2 NE/4	I hereby certify that this waste is an	

FACILITY REPRESENTATIVE

DATE

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SOUTH MONUMENT SU LANDFARM (575) 390-7996 CELL (575) 39 LEASE OPERATOR	0-3665 CELL (575)397-6109 WC	DR ⁱ K
TRANSPORTER NAME & ADDRESS	ORIGINATING LOCATION LEASE <u>J'-8-7</u> ST	
DE Truckin Tazanon DESCRIPTION OF WASTE Non-Hazardous Hydrocarbons	QUANTITY 96 YDS	•
FACILITY CONTACT: SIGNATURE OF CONTACT CELL NUMBER MATERIAL PLACED IN:	DATE	
NAME OF TRANSPORTER (DRIVER) :	5-23-22 DATE	
DISPOSAL SITE South Monument Surface Waste Facil:.ty P. O. Box 418 Hobbs, NM 88241-0418 S25 T20S R36E N/2 NE/4	PERMIT #NM-01-0032 N/2 NE/4 \$25/T208/R36E 575-390-7996 CELL 575-391-8391 HOME	 ,
"As a condition of acceptance for disposal exempt waste as defined by the Environmental generated from oil and gas exploration and p were Conservation and Recovery Act (RCRA) Subtit exempt waste."	; I hereby certify that this waste l Protection Agency (EPA). The waste roduction operations; exempt from Res le C regulations; and not mixed with	is an are: source

FACILITY REPRESENTATIVE

DATE

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Page 137 of 162

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	Manifest #	
+	SURFACE WASTE FACILITY M - DIRT SALES 390-3665 CELL (575)397-6109 WORK	tining the second s
LEASE OPERATOR	ORIGINATING LOCATION LEASE J-8.2.	
TRANSPORTER NAME & ADDRESS	ST	·
D.J. Trucking TAZ DESCRIPTION OF WASTE Non-Hazardous Hydrocarbons	QUANTITY 96 YDS	
FACILITY CONTACT:		
SIGNATURE OF CONTACT CELL NUMBER MATERIAL PLACED IN:	DATE	
NAME OF TRANSPORTER (DRIVER):	<u> 7-2-7-22</u> DATE	
exempt waste as defined by the Environ generated from oil and gas explorat.on	PERMIT #NM-01-0032 N/2 NE/4 S25/T20S/R36E 575-390-7996 CELL 575-391-8391 HOME sposal, I hereby certify that this waste i mental Protection Agency (EPA). The waste and production operations; exempt from Reso Subtitle C regulations; and not mixed with-	are: urce
FACILITY REPRESENTATIVE	DATE	

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Released to Imaging: 9/19/2023 7:21:51 AM

(575)390-7996 CELL (575)390-	DIRT SALES 3665 CELL (575)397-6109 WORK	
EASE OPERATOR	ORIGINATING LOCATION	
	LEASE)-8-2 ·.	•
TTurke Ker	SRT	
RANSPORTER NAME & ADDRESS	a a second a	-
	•	
Contaminated Soil	96 yrds	
ESCRIPTION OF WASTE	QUANTITY	-
on-Hazardous Hydrocarbons	Hoyrd YDS	
Ulises Sergia	¥	
ACILITY CONTACT:		-
IGNATURE OF CONTACT	5/25/22 DATE	
	· ·	
ELL NUMBER MATERIAL PLACED IN:	• 	
AME OF TRANSPORTER (DRIVER):		-
\mathbf{C} - $\mathbf{\nabla}$ -	1 1	•
braio Diaz	5/25/22	
IGNATURE OF DRIVER	DATE	
ISPOSAL SITE	PERMIT #NM-01-0032	-
outh Monument Surface Waste Facil:.ty . O. Box 418	N/2 NE/4 S25/T20S/R36E 575-390-7996 CELL	

Manifest # 🕐

exempt waste." **ن ب**ېرې د بېږې

FACILITY REPRESENTATIVE

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DATE . .

	• ,	Manifest #	
	SOUTH MONUMENT SURFACE LANDFARM - DIE	· · ·	
	(575) 390-7996 CELL (575) 390-3665		
. II	EASE OPERATOR	ORIGINATING LOCATION	•
	DCP	LEASE <u>]-8-2</u> . SRT	
. TI	RANSPORTER NAME & ADDRESS		:
	ASMAN (DJ Truck)	OUANTITY	
	on-Hazardous Hydrocarbons	72YDS	
FZ	ACILITY CONTACT:		
MAR STA			
·	IGNATURE OF CONTACT	DATE	••
CI	ELL NUMBER MATERIAL PLACED IN:		
Ň	AME OF TRANSPORTER (DRIVER):	······	
) si	lergio Díaz IGNATURE OF DRIVER	<u>5-26-22</u> DATE	
So P. Ho	ISPOSAL SITE outh Monument Surface Waste Facil:.ty O. Box 418 bbbs; NM 88241-0418 5 T20S R36E N/2 NE/4	PERMIT #NM-01-0032 N/2 NE/4 \$25/T20\$/R36E 575-390-7996 CELL 575-391-8391 HOME	
ex ge ge	as a condition of acceptance for disposal, I h mempt waste as defined by the Environmental Pro- merated from oil and gas exploration and produce inservation and Recovery Act (RCR). Subtitle C mempt waste."	tection Agency (EPA). The waste a stion operations; exempt from Reson	are: urce

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DATE . .

· .	Manifest #	<u></u>
SOUTH MONUMENT SURFAC		
(575)390-7996 CELL (575)390-366		VORK
LEASE OPERATOR	ORIGINATING LOCATION	
DCP	LEASE_ <u>J-8-2</u> . SRT	
TRANSPORTER NAME & ADDRESS		•
T (De aus)	
<u>Jasman (DJ Truck Service)</u> DESCRIPTION OF WASTE	QUANTITY	
Non-Hazardous Hydrocarbons	<u> </u>	DS
FACILITY CONTACT:	· · · · · · · · · · · · · · · · · · ·	
SIGNATURE OF CONTACT	DATE	
CELL NUMBER MATERIAL PLACED IN:	·	
NAME OF TRANSPORTER (DRIVER):		<u> </u>
Sergio Diaz	5/27/22	,
SIGNATURE OF DRIVER	DATE	
DISPOSAL SITE South Monument Surface Waste Facil:.ty P. O. Box 418	PERMIT #NM-01-0032 N/2 NE/4 \$25/T208/R36E	
Hobbs, NM 88241-0418 S25 T20S R36E N/2 NE/4	575-390-7996 CELL 575-391-8391 HOME	· .
"As a condition of acceptance for disposal, I exempt waste as defined by the Environmental Pr generated from oil and gas exploration and produces Seconservation and Recovery Act (RCRA) Subtitle (otection Agency (EPA). The ction operations; exempt fro	waste are: m Resource
exempt waste."		• -

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DATE

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	Manifest #	
LANDFARM - 1	ACE WASTE FACILITY	
(5/5) 390-3	665 CELL (575)397-6109 WORK	
LEASE OPERATOR		·····
	ORIGINATING LOCATION	•
, ISOP	LEASE J - 8 - 2	
TRANSPORTER NAME & ADDRESS	<u>SRT</u>	
Tasmain (DJ. Truck Servic	ces)	
DESCRIPTION OF WASTE	QUANTITY	
Non-Hazardous Hydrocarbons	VOANTITY 192 YDS	
FACILITY CONTACT:		
· · · · · · · · · · · · · · · · · · ·		
SIGNATURE OF CONTACT	DAJE	
CELL NUMBER MATERIAL PLACED IN:	·	
NAME OF TRANSPORTER (DRIVER) :		
SIGNATURE OF DRIVER	Q-2-22 DATE	
DISPOSAL SITE		
South Monument Surface Waste Facil:.ty P. O. Box 418 Hobbs; NM 88241-0418 S25 T20S R36E N/2 NE/4	PERMIT #NM-01-0032 N/2 NE/4 \$25/T205/R36E 575-390-7096 CELL 575-391-8391 Home	
"As a condition of acceptance for disposal, I exampt waste as defined by the Environmental Pr generated from oil and gas explorat:.on and produ- Conservation and Recovery Act (RCRA) Subtitle (exempt waste."	hereby certify that this waste is	an Co: Coo

DATE

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	Manifest #	
SOUTH MONUMENT SURFA LANDFARM - L	DIRT SALES	
(575)390-7996 CELL (575)390-36	002 CETT (212)331-0103 MO	YKK (
LEASE OPERATOR	ORIGINATING LOCATION	· ·
	LEASE $\int -\delta - \delta$.	
-DCP	SRT	
TRANSPORTER NAME & ADDRESS	19 27	
Tasman (DJ Truck Serv		
DESCRIPTION OF WASTE	QUANTITY	
Non-Hazardous Hydrocarbons		5
FACILITY CONTACT:		
		STATISTICS STATISTICS
· · · SIGNATURE OF CONTACT	DATE	. **
CELL NUMBER MATERIAL PLACED IN:	· .	
NAME OF TRANSPORTER (DRIVER) :		<u></u>
Seraio Diazi	6/1/22	•
SIGNATURE OF DRIVER	DATE	
DISPOSAL SITE	•	<u></u>
South Monument Surface Waste Facil:.ty 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, exempt waste as defined by the Environmental generated from oil and gas exploration and pro- conservation and Recovery Act (RCR).) Subtitle exempt waste."	Protection Agency (EPA). The wa	aste are: Resource

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FACILITY REPRESENTATIVE

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SOUTH MONUMENT SURFA LANDFARM - I (575) 390-7996 CELL (575) 390-36 LEASE OPERATOR DJ Truck Services TRANSPORTER NAME & ADDRESS	Manifest # ACE WASTE FACILITY DIRT SALES 565 CELL (575)397-6109 WORK ORIGINATING LOCATION LEASE SRT	
Tasman / DCP		
DESCRIPTION OF WASTE Non-Hazardous Hydrocarbons	QUANTITY 192 YDS	
FACILITY CONTACT:		
SIGNATURE OF CONTACT	DAJE	
CELL NUMBER MATERIAL PLACED IN:		
NAME OF TRANSPORTER (DRIVER) :		
SIGNATURE OF DRIVER	DATE	
DISPOSAL SITE South Monument Surface Waste Facil: ty P. O. Box 418 Hobbs, NM 88241-0418 S25 T20S R36E N/2 NE/4	PERMIT #NM-01-0032 N/2 NE/4 \$25/T208/R36E 575-390-7596 CELL 575-391-8391 HOME	
"As a condition of acceptance for disposal, I exempt waste as defined by the Environmental Pro generated from oil and gas exploration and produc Conservation and Recovery Act (RCR). Subtitle C exempt waste."	hereby certify that this waste is an	

DATE

Methoda Solution	Manifest #		
SOUTH MONUMENT SUE LANDFARM - (575)390-7996 CELL (575)390 LEASE OPERATOR	RFACE WASTE FACIL DIRT SALES -3665 CELL (575)397-61	ITY	
LEASE OPERATOR			
	ORIGINATING LOCATI	ton .	
DJ. Thick Services	LEASE J-8-2		
TRANSPORTER NAME & ADDRESS	ST		
Tarman / DCP			
DESCRIPTION OF WASTE			
	QUANTITY		
Non-Hazardous Hydrocarbons	<u>94</u>	YDS	
FACILITY CONTACT:			
SIGNATURE OF CONTACT	DAJE	inter a surface of	
CELL NUMBER MATERIAL PLACED IN:			
NAME OF TRANSPORTER (DRIVER) :			
SIGNATURE OF DRIVER	DATE		
DISPOSAL SITE			
South Monument Surface Waste Facil:.ty P. O. Box 418 Hobbs; NM 88241-0418 325 T20S R36E N/2 NE/4	PERMIT #NM-01-0032 N/2 ME/4 \$25/T208/R36E 575-390-7096 CELL 575-391-8391 Home		
"As a condition of acceptance for disposal exempt waste as defined by the Environmental generated from oil and gas exploration and pu		Waste is an Ne waste are:	

generated from oil and gas explorat: on and production operations; exempt from Resource exempt waste."

FACILITY REPRESENTATIVE

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·	Manifest #	
SOUTH MONUMENT SURFAC LANDFARM - DI		
(575)390-7996 CELL (575)390-366	5 CELL (575) 397-6109 WORK	
LEASE OPERATOR	ORIGINATING LOCATION	· · · · · · · · · · · · · · · · · · ·
DCP	LEASE 0 7 2 · . SRT	
TRANSPORTER NAME & ADDRESS		-
Tasman (DT Truck Services)		_
DESCRIPTION OF WASTE	QUANTITY	-
Non-Hazardous Hydrocarbons	YDS	
FACILITY CONTACT:	······································	-
and the second of the second o		
SIGNATURE OF CONTACT	DATE	**
CELL NUMBER MATERIAL PLACED IN:	·	
NAME OF TRANSPORTER (DRIVER) :	~	- ,
Sergio Diaz	618122 DATE	•
S-D -		•
DISPOSAL SITE South Monument Surface Waste Facil:.ty P. O. Box 418 Hobbs; NM 88241-0418 S25 T205 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 exempt waste as defined by the Environmental Pr generated from oil and gas exploration and produ seconservation and Recovery Act (RCRA) Subtitle C exempt waste."	hereby certify that this waste otection Agency (EPA). The waste ction operations; exempt from Res	are: ource

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BROWNING STATES	Manifest #	
SOUTH MONUMENT SURF. LANDFARM - (575)390-7996 CELL (575)390-3 LEASE OPERATOR	ACE WASTE FACILITY DIRT SALES 665 CELL (575)397-6108 WO	- 201 - 201
LEASE OPERATOR		ζ.Κ.
TRANSPORTER NAME & ADDRESS	ORIGINATING LOCATION LEASE U-8-Z ST	A*
DESCRIPTION OF WASTE Non-Hazardous Hydrocarbons	QUANTITYYDS	
FACILITY CONTACT:		
SIGNATURE OF CONTACT CELL NUMBER MATERIAL PLACED IN:	DATE	
NAME OF TEANSPORTER (DRIVER): SIGNATURE OF DRIVER SUMMUNEST MUNYMENT DISPOSAL SITE	<u>6/9/22</u> DATE	_
South Monument Surface Waste Facil:.ty P. O. Box 418 Hobbs; NM 88241-0418 S25 T20S R36E N/2 NE/4	PERMIT #NM-01-0032 N/2 NE/4 S25/T208/R36E 575-390-7996 CELL 575-391-8391 HOME	-
"As a condition of acceptance for disposal, I exempt waste as defined by the Environmental Pro- generated from oil and gas exploration and produce Manual Conservation and Recovery Act (RCRA) Subtitle C exempt waste."	hereby certify that this waste	

FACILITY REPRESENTATIVE

DATE

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	Manifest #	
SOUTH MONUMENT SURF LANDFARM -	DIRT SALES	
(575)390-7996 CELL (575)390-3	665 CELL (575)397-6109 WORK	
LEASE OPERATOR	ORIGINATING LOCATION	
DCP	LEASE J-8-2 .	
TRANSPORTER NAME & ADDRESS		
Tasman/DJ Tru	de Services	
DESCRIPTION OF WASTE	QUANTITY	
Non-Hazardous Hydrocarbons	_12YDS	
SIGNATURE OF CONTACT	DATE	
CELL NUMBER MATERIAL PLACED IN:		
AME OF TRANSPORTER (DRIVER) :		
Enrique	6-15-22 DATE	
DISPOSAL SITE South Monument Surface Waste Facil: ty 0. 0. Box 418 Gobbs, NM 88241-0418 25 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, xempt waste as defined by the Environmental	I hereby certify that this waste i	san

FACILITY REPRESENTATIVE

DATE

Appendix E – Photographic Log



























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 Page 157 of 162

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

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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 17th Street, suite 2500 Denver, CO	80202

Location of Release Source

Latitude <u>32.77815</u>

Longitude <u>-103.42852</u> (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: <u>NMSLO</u>

Nature and Volume of Release

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

Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No
Condensate	Volume Released (bbls)	Volume Recovered (bbls)
🛛 Natural Gas	Volume Released (Mcf) 101	Volume Recovered (Mcf)
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
Cause of Release: On Ma	arch 18, 2022, the J-8-2 pipeline was discovered by DCl	P personnel to have failed due to internal corrosion.

Page 2

nAPP2208155134

e 2	Oil Conservation Division	District RP Facility ID	
		Application ID	
Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible par	ty consider this a major release?	
🗌 Yes 🖾 No			

Incident ID

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

 \boxtimes The source of the release has been stopped.

The impacted area has been secured to protect human health and the environment.

Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not 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: _	Kyle Norman	Title: Project Manager
Signature:	Kiph No	Date:6/20/2023
email:	knorman@tasman-geo.com	Telephone: <u>575-318-5017</u>
OCD Only		
Received by:		Date:

Oil Conservation Division

	Page 159 of 10	02
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?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	🗌 Yes 🔀 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)?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	🗌 Yes 🛛 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?	🛛 Yes 🗌 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	🗌 Yes 🔀 No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of a wetland?	🗌 Yes 🛛 No
Are the lateral extents of the release overlying a subsurface mine?	🗌 Yes 🛛 No
Are the lateral extents of the release overlying an unstable area such as karst geology?	🗌 Yes 🔀 No
Are the lateral extents of the release within a 100-year floodplain?	🗌 Yes 🛛 No
Did the release impact areas not on an exploration, development, production, or storage site?	🗌 Yes 🖂 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
- \square Depth to water determination
- Determination of water sources and significant watercourses within ¹/₂-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.

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Received by OCD: 6/20/2023 11:2 Form C-141	6:03 AM				Page 160 of 162
				Incident ID	nAPP2208155134
Page 4	Oil Conservation Division			District RP	
				Facility ID	
				Application ID	
regulations all operators are required public health or the environment. The failed to adequately investigate and r	given above is true and complete to the to report and/or file certain release noti ne acceptance of a C-141 report by the C remediate contamination that pose a thre 1 report does not relieve the operator of han-geo.com	fications an OCD does no eat to ground responsibility Title: Date:	d perform co ot relieve the dwater, surfa- ity for compl	rrective actions for rele operator of liability sho ce water, human health iance with any other feo anager	ases which may endanger ould their operations have or the environment. In
OCD Only Received by: Shelly Wells		D	Pate: <u>6/21/2</u>	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 Attac	hment Checklist: <i>Each of the following</i>	items must be included in the closure report.
	ampling diagram as described in 19.15.29.	-
- 01	s prior to liner inspection)	s of the liner integrity if applicable (Note: appropriate OCD District office
Laboratory analyse	es of final sampling (Note: appropriate OD	C District office must be notified 2 days prior to final sampling)
Description of rem		
		ete to the best of my knowledge and understand that pursuant to OCD rules
		in release notifications and perform corrective actions for releases which f a C-141 report by the OCD does not relieve the operator of liability
		mediate contamination that pose a threat to groundwater, surface water,
		a C-141 report does not relieve the operator of responsibility for ations. The responsible party acknowledges they must substantially
restore, reclaim, and re-v	vegetate the impacted surface area to the co	onditions that existed prior to the release or their final land use in
accordance with 19.15.2	9.13 NMAC including notification to the C	OCD when reclamation and re-vegetation are complete.
Printed Name: Kyle N	Norman	Title: Project Manager
Signature:	No	Date:6/20/2023
email: knorm	an@tasman-geo.com	Telephone: <u>575-318-5017</u>
OCD Only		
Received by: <u>Shelly</u>	Wells	Date: <u>6/21/2023</u>
Ű		
		of liability should their operations have failed to adequately investigate and
	a that poses a threat to groundwater, surface an any other federal, state, or local laws and	water, human health, or the environment nor does not relieve the responsible /or regulations.
		-
Closure Approved by:	Nelson Velez Nelson Velez	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

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

CONDITIONS

Created By		Condition Date
nvelez	None	9/19/2023

Action 230655