



December 7, 2021

Mike Bratcher
 New Mexico Energy, Minerals and Natural Resources Department
 Oil Conservation Division, District 2
 811 S. First Street
 Artesia, NM 88210

**Re: Remediation Summary and Closure Report
 10200 Line (10.7.21)**
GPS: Latitude 32.215871 Longitude -104.222542
UL "I", Sec. 18, T24S, R27E
Eddy County, New Mexico
NMOCD Ref. No. nAPP2128133962

Tasman Geosciences, Inc. (Tasman), on behalf of DCP Midstream, LP (DCP), has prepared this Remediation Summary and Closure Report for the condensate and natural gas Release Site known as the 10200 Line (10.7.21). Details of the release are summarized below:

RELEASE DETAILS			
Type of Release:	Natural Gas, Condensate	Volume of Release:	~20 bbls/229 MCF
		Volume Recovered:	N/A
Source of Release:	12" Steel Gas Pipeline	Date of Release:	Date of Discovery: 10/7/21
Was Immediate Notice Given?	Yes	If, YES, to Whom?	Mike Bratcher
Was a Watercourse Reached?	No	If YES, Volume Impacting the Watercourse:	N/A
Surface Owner:	Ogden Farms & Cattle Co	Mineral Owner:	N/A

Describe Cause of Problem and Remedial Action Taken:

Natural gas condensate was discovered on Old Cavern Highway (748) and subsequently reported to DCP. Upon notification of the release on October 7, 2021, the District Manager for New Mexico Oil Conservation Division (NMOCD) was immediately contacted via phone within 1 hour of the discovery. Based on the location of the release, a leak from 10200 pipeline was the suspected source and therefore isolated and shutdown. DCP and Tasman personnel were dispatched to the release location to assess the extent and condition of the condensate release. The release area was secured to minimize vehicle traffic through the condensate area and remediation and delineation activities were initiated.

Based on visual observations of the release, It was estimated that the volume of natural gas and condensate (hydrocarbon liquids) released was approximately 229 MCF and 20 barrels (bbls), respectively. Based on the natural gas, condensate release volume, the release did not exceed the NMOCD reporting threshold for a minor release of 500 MCF and 25 bbls. DCP submitted a release notification (Form C-141) on October 8, 2021.

A release Site Characterization Map is provided as Figure 1. General site conditions upon arrival to the site and remedial action photographs are provided as Appendix C. A copy of the initial release notification form (Form C-141) is provided in Appendix D.

REGULATORY FRAMEWORK

Surface impacts from unauthorized releases of crude oil, gases, produced water, condensate or other oil field waste which occur during normal oilfield operations are generally regulated by the NMOCD in accordance with 19.15.29 of the New Mexico Administrative Code (NMAC). 19.15.29 NMAC establishes reporting, site assessment/characterization, remediation, closure, variance and enforcement procedures. Table I of 19.15.29.12 NMAC defines the closure criteria for soils impacted by a release based on the depth to groundwater and the following site characteristics:

Site Characteristics	
Approximate Depth to Groundwater	~ 28 feet
Within 300 ft. of any continuously flowing or significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Within 200 ft. of any lakebed, sinkhole, or playa lake?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Within 300 ft. of an occupied permanent residence, school, hospital, or institution?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Within 500 ft. of a spring or private, domestic fresh water well?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Within 1,000 ft. of any fresh water well?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Within the incorporated municipal boundaries or within a municipal well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Within 300 ft. of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Within the area overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Within an unstable area?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

A search of the groundwater database maintained by the New Mexico Office of the State Engineer (NMOSE) was conducted to determine the average depth to groundwater within a one (1) mile radius of the Release Site and to identify any registered water wells within a 1/2 mile of the Release Site. Based on a review of the water well data, the approximate average depth to groundwater in the vicinity of the Release Site was estimated to be approximately 28 feet below ground surface (bgs). Figure 1 illustrates the location of the registered water wells within the vicinity of the Release Site. The NMOSE database search findings and depth to groundwater results is provided in Appendix A.

NMOCD Closure Criteria for this site are as follows:

Table I	Criteria for Soils Impacted by a Release			Closure
Minimum depth below any point within the horizontal boundary of the release to ground water less than 10,000 mg/l TDS	Constituent	Method*	Limit**	
≤ 50 feet	Chloride***	EPA 300.0	600 mg/kg	
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	100 mg/kg	
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg	
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg	
Notes: 1) Soil closure criteria based on NMOCD Guidelines Title 19 Chapter 15 Part 29 2) TPH calculated by adding GRO, DRO and MRO (Ext Hydrocarbons) concentrations. * Or other test methods approved by the NMOCD. ** Numerical limits or natural background level, whichever is greater. *** This applies to releases of produced water or other fluids, which may contain chloride. GRO - Gasoline range organics DRO - Diesel range organics mg/kg - Milligrams per kilogram mg/l - Milligrams per liter TDS - Total dissolved solids TPH - Total volatile and extractable petroleum hydrocarbons				

SITE REMEDIATION AND DELINEATION ACTIVITIES

From October 7 to October 22, 2021, Tasman personnel performed remediation and delineation activities as well as repair of the 10200 line leak once exposed. As described previously, the release area and road were secured and were maintained closed for the duration of the remedial activities. Remediation and delineation activities consisted of excavating petroleum hydrocarbon impacted soils, placing impacted soils into haul trucks and hauling, under manifest, to a NMOCD approved disposal facility for disposal. Excavation activities were guided by visual observations and field screening of impacted soil for total volatile organic compounds (VOCs) using a photo-ionization detector (PID). During the excavation activities, Tasman also collected 5-point composite soil samples from the bottom and/or sidewalls of the excavation on October 9, 20, 21, and 22, 2021 to guide excavation activities. Soil samples were submitted to the laboratory for analysis of total petroleum hydrocarbons (TPH) via method EPA SW946 8015M Ext.; benzene, toluene, ethylbenzene and xylenes (BTEX) via method EPA SW846 8021B; and chloride (Cl-) via SM4500 CL-B, respectively.

On October 9, 2021, Tasman collected 5-point composite soil samples from the bottom (10 bottom samples) and sidewalls (6 sidewall samples) of the excavation and submitted the samples for laboratory analysis. At the time of this sampling event, impacted soils were excavated to depths of up to 13 feet bgs. Analytical results from the October 9, 2021 excavation activities indicated that one bottom soil sample, one wall soil sample and the grab soil sample exceeded the NMOCD Closure Criteria for benzene, BTEX, TPH, and/or Cl-. A summary of the laboratory analytical results for these bottom and sidewall soil samples is presented in the table below. Impacted soil excavation activities continued and soils represented by many of these soil samples were subsequently overexcavated.

On October 16, 2021, while excavating impacted soil in the northeast corner of the excavation, a small quantity (approximately 20 to 30 gallons) of groundwater seeped into the excavation at a depth of approximately 22 feet bgs. Based on the small quantity of groundwater that seeped into the excavation, it appeared that a localized perched water bearing zone was encountered. The groundwater that seeped into the excavation was removed with the excavator bucket, and blended with impacted soil within a haul truck. Once the groundwater was removed, no additional groundwater entered the excavation. The impacted soils blended with groundwater were subsequently hauled off-site, under manifest, to a NMOCD approved disposal facility for disposal.

On October 20, 21 and 22, 2021 as excavation activities continued, Tasman collected 5-point composite soil samples from the bottom and sidewalls of the excavation and submitted the samples to the laboratory for quick-turn analysis of TPH, benzene, BTEX, and Cl-. The 5-point composite confirmation soil samples were collected from the base or sidewall of the remediated area and represented no more than 200 square feet. During these soil confirmation sampling activities, a total of 7 bottom and 8 sidewall samples were collected from various depths of the excavation and submitted for laboratory analysis. A summary of the laboratory analytical results for the bottom and sidewall soil confirmation samples is presented in the table below. The locations of the bottom and sidewall soil samples used as confirmation samples as well as the approximate final bottom depths throughout the excavation are presented on Figure 2. Laboratory analytical reports are provided in Appendix B.

Approximately 2,112 cubic yards of impacted soil was excavated and properly disposed of off-site. Between October 22 and November 1, 2021, Tasman backfilled the excavation with appropriate fill material to grade, and restored the road as directed by the Eddy County Right-of-Way department.

SUMMARY OF FIELD ACTIVITIES

As described in the site delineation section of this report, on October 7, 2021, DCP and Tasman personnel were dispatched to the release location to assess the extent and condition of the condensate release. The release area was secured to minimize vehicle traffic through the condensate area, and remediation and delineation activities were initiated. Between October 7 and 22, 2021, Tasman performed excavation and soil confirmation sampling to depths of 25 feet bgs. Soil analytical results for the bottom and sidewall confirmation samples collected from the final extent of the excavation were below NMOCD soil closure criteria. A small quantity of groundwater seeped into the excavation at 22 feet bgs and is attributed to a localized perched water bearing zone. The groundwater was blended with impacted soil and disposed of at a NMOCD approved disposal facility. Once groundwater was removed, no additional groundwater seeped into the excavation.

On October 25, 2021, out of an abundance of caution, Tasman installed 4 groundwater monitoring wells around the former excavation to verify that the small quantity of groundwater encountered in the excavation was from a localized perched water bearing zone. During drilling activities, a soil sample was collected at approximately 35 feet bgs from each borehole and submitted to the laboratory for analysis of TPH, benzene, BTEX, and Cl-. Soil analytical results were below NMOCD closure criteria or considered a naturally occurring background concentration and therefore required no further action. The wells could not be sampled because they were dry.

A summary of the laboratory analytical results for the excavation bottom and sidewall soil confirmation samples, and monitoring wells is presented in the tables above. The locations of the bottom and sidewall soil samples used as confirmation samples as well as the approximate final bottom depths throughout the excavation are presented on Figure 2. The location of the groundwater monitoring wells is also presented in Figure 2. Laboratory analytical reports are provided in Appendix B. General site conditions upon arrival to the site and remedial action photographs are provided as Appendix C.

Between October 22 and November 2, 2021, the excavation was backfilled and compacted to grade, and restored in accordance with the Eddy County ROW and/or landowner requirements. Backfilling and restoration activities are further described below.

SITE CLOSURE REQUEST

Based on laboratory analytical results from confirmation soil samples, impacted soil within the release margins has been determined to be below the 19.15.29.12 NMAC Table I - Closure Criteria for soils impacted by the release. Tasman on behalf of DCP Midstream, respectfully requests the NMOCD grant closure approval for this site. The site closure request form (Form C-141) is provided in Appendix F.

RESTORATION, RECLAMATION AND RE-VEGETATION

Between October 22 and November 2, 2021, the excavation have been backfilled and compacted using the locally sourced, non-impacted "like" material. The affected area was contoured and/or compacted to achieve erosion control, stability and preservation of surface water flow to the extent practicable and to match the surrounding grades. The road was restored and paved as required by the Eddy County ROW Department.

A native seed mix acceptable to the property owner will be utilized for the revegetation outside the limits of the road. Upon approval from the property owner of the native seed mix, the mixture will be broadcast at a rate two (2) times the suggested rate to compensate for broadcasting of the seed and the seeding activities will take place during the next favorable growing season. Following the broadcasting of the seed, mechanical means, such as a screen or disc harrow pulled behind a tractor, will be used to "set" the seed.

If you have any questions, or if additional information is required, please feel free to contact Stephen Weathers or the undersigned by phone or email.

Respectfully,

Kyle Norman
Regional Project Manager
knorman@tasman-geo.com
(575) 318-5017

Attachments:	Figure 1:	Site Characteristics Map
	Figure 2:	Excavation Extent and Surface Soil Confirmation Sample Locations Map
	Figure 3:	Monitor Well Locations
	Appendix A:	Depth to Groundwater Information
	Appendix B:	Laboratory Analytical Reports
	Appendix C:	Photo Documentation
	Appendix D:	Monitor Well Boring Logs
	Appendix E:	Release Notification Site Assessment/Characterization (FORM C-141)
	Appendix F:	Closure Form (FORM C-141)

Figures



LEGEND:

	Site Location		Non-Industrial Building
	Fresh Water Well		Municipal Well Field
	100-Year Floodplain		Subsurface Mine
	High/Critical Karst		1/2 Mile Radius

DGW Approximately: 28' +/-

DATE: October 2021
 DESIGNED BY : KN
 DRAWN BY: KN
 Released to Imaging: 1/19/2022 8:57:38 AM



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

DCP Midstream
 10200 Line (10/07/2021) nAPP2128133962
 GPS: 32.215871, -104.222524
 UL "I", Section 18, Township 24 South, Range 27 East
 Eddy County, New Mexico

Site Characteristics
 Map

**Figure
 1**



DATE:	October 22, 2021
DESIGNED BY:	B. Humphrey
DRAWN BY:	J. Clonts



DCP Midstream
10200 Line
NESE S18 T24S R27E
Eddy, New Mexico

Soil Confirmation Sample
Location Map

Figure
2



DATE:	October 22, 2021
DESIGNED BY:	B. Humphrey
DRAWN BY:	J. Clonts

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

DCP Midstream
10200 Line
NESE S18 T24S R27E
Eddy, New Mexico

Monitoring Well
Location Map

Figure
3

Appendices

Appendix A
Depth to Groundwater Information



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 01169	C	ED		1	4	3	18	24S	27E	572282	3564261*	1049	55	35	20
C 03490 POD1	CUB	ED		3	4	3	08	24S	27E	573812	3565709	1211	140	23	117
C 00516 POD10	CUB	ED		3	4	3	08	24S	27E	573875	3565722	1252	160	45	115
C 00929	C	ED			3	3	18	24S	27E	572013	3564159*	1336	54	33	21
C 03560 POD1	C	ED		2	3	3	18	24S	27E	572009	3564150	1343	68	28	40
C 00683	C	ED			4	3	08	24S	27E	573986	3565796*	1372	50	17	33
C 01187	C	ED			4	3	08	24S	27E	573986	3565796*	1372	108	17	91
C 00516 POD6	CUB	ED		1	4	3	08	24S	27E	573885	3565895*	1410	78	17	61
C 04360 POD1	C	ED		3	3	3	18	24S	27E	571910	3564085	1459	72	40	32
C 00631	C	ED		3	3	4	08	24S	27E	574288	3565701*	1482	50	24	26
C 03489 POD1	CUB	ED		2	4	3	08	24S	27E	574153	3565939	1584	200		
C 00516	CUB	ED		1	3	4	08	24S	27E	574288	3565901*	1633	105	36	69
C 00516 CLW201016	O	CUB	ED	1	3	4	08	24S	27E	574288	3565901*	1633	62		
C 00516 CLW308590	O	CUB	ED	1	3	4	08	24S	27E	574288	3565901*	1633	105	36	69
C 00516 S	CUB	ED		1	3	4	08	24S	27E	574288	3565901	1633	50	17	33

Average Depth to Water: **28 feet**

Minimum Depth: **17 feet**

Maximum Depth: **45 feet**

Record Count: 15

UTMNAD83 Radius Search (in meters):

Easting (X): 573265

Northing (Y): 3564628

Radius: 1700

*UTM location was derived from PLSS - see Help

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

Appendix B
Laboratory Analytical Reports



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

October 10, 2021

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

RE: DCP - 10200 LINE

Enclosed are the results of analyses for samples received by the laboratory on 10/09/21 17:25.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

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: 10/09/2021
 Reported: 10/10/2021
 Project Name: DCP - 10200 LINE
 Project Number: 10200 LINE (10-7-21)
 Project Location: NONE GIVEN

Sampling Date: 10/09/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: GRAB @ 8' (H212833-01)

BTEX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	19.2	1.00	10/10/2021	ND	1.89	94.4	2.00	9.38	QM-07
Toluene*	129	1.00	10/10/2021	ND	1.90	95.0	2.00	9.10	QM-07
Ethylbenzene*	18.0	1.00	10/10/2021	ND	1.88	94.2	2.00	9.05	QM-07
Total Xylenes*	174	3.00	10/10/2021	ND	5.64	94.0	6.00	9.18	QM-07
Total BTEX	341	6.00	10/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 133 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2720	16.0	10/09/2021	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	5960	50.0	10/09/2021	ND	219	109	200	3.64	QM-07	
DRO >C10-C28*	2380	50.0	10/09/2021	ND	222	111	200	4.26	QM-07	
EXT DRO >C28-C36	66.0	50.0	10/09/2021	ND						

Surrogate: 1-Chlorooctane 219 % 44.3-133

Surrogate: 1-Chlorooctadecane 124 % 38.9-142

Cardinal Laboratories

* = Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Tasman Geosciences, LLC Project Manager: Kyle Norman Address: 2620 W Marland Blvd City: Hobbs Phone #: 575-318-5017 Project #: nAPP2128133962 Project Name: DCP Project Location: 10200 Line (10-7-21) Sampler Name: <i>Kyle Norman</i> FOR LAB USE ONLY		P.O. #: Company: Tasman Geo Attn: Kyle Norman Address: 2620 W. Marland City: Hobbs State: NM Zip: 88240 Phone #: 575-318-5017 Fax #:	
State: NM Zip: 88240 Project Owner: DCP Midstream City: Hobbs State: NM Zip: 88240 Phone #: 575-318-5017 Fax #:		BILL TO	
Lab I.D. <i>H212833</i> Sample I.D. <i>Grab @ 8'</i>		MATRIX (G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	
Date: 10/9/21 Time: 1725 Date: Time:		RECEIVED BY: <i>Janora</i> DATE: 10/9/21 TIME: 3:00	
Relinquished By: <i>Kyle Norman</i> Received By: <i>Janora</i>		ANALYSIS REQUEST Chlorides ✓ TPH 8015 M ✓ BTEX ✓ Texas TPH Complete Cations/Anions TDS HOLD RUSH	
Delivered By: (Circle One) <i>5.2e</i> C-O-S Sampler - UPS - Bus - Other: <i>4.7e #113</i>		Sample Condition Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No CHECKED BY: <i>JD</i>	
Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #: Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Fax #: REMARKS: email results to: knorman@tasman-geo.com, bgriffin@tasman-geo.com, Cook, John W <JWCook@dcpmidstream.com> Hyman, Albert L <ALHyman@dcpmidstream.com> Hyman, Janice L <JHyman@dcpmidstream.com>		Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #: Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Fax #: REMARKS: <i>BUST!</i>	

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



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

October 10, 2021

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

RE: DCP - 10200 LINE

Enclosed are the results of analyses for samples received by the laboratory on 10/09/21 17:25.

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

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

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

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

Sincerely,

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

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:	10/09/2021	Sampling Date:	10/09/2021
Reported:	10/10/2021	Sampling Type:	Soil
Project Name:	DCP - 10200 LINE	Sampling Condition:	Cool & Intact
Project Number:	10200 LINE (10-7-21)	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: BOTTOM - 1 @ 6' (H212834-01)

BTEX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/09/2021	ND	1.89	94.4	2.00	9.38	
Toluene*	<0.050	0.050	10/09/2021	ND	1.90	95.0	2.00	9.10	
Ethylbenzene*	<0.050	0.050	10/09/2021	ND	1.88	94.2	2.00	9.05	
Total Xylenes*	<0.150	0.150	10/09/2021	ND	5.64	94.0	6.00	9.18	
Total BTEX	<0.300	0.300	10/09/2021	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	10/09/2021	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/09/2021	ND	219	109	200	3.64	
DRO >C10-C28*	<10.0	10.0	10/09/2021	ND	222	111	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	10/09/2021	ND					

Surrogate: 1-Chlorooctane 93.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 92.8 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/09/2021	Sampling Date:	10/09/2021
Reported:	10/10/2021	Sampling Type:	Soil
Project Name:	DCP - 10200 LINE	Sampling Condition:	Cool & Intact
Project Number:	10200 LINE (10-7-21)	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: BOTTOM - 2 @ 4.5' (H212834-02)

BTEX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/09/2021	ND	1.89	94.4	2.00	9.38	
Toluene*	<0.050	0.050	10/09/2021	ND	1.90	95.0	2.00	9.10	
Ethylbenzene*	<0.050	0.050	10/09/2021	ND	1.88	94.2	2.00	9.05	
Total Xylenes*	<0.150	0.150	10/09/2021	ND	5.64	94.0	6.00	9.18	
Total BTEX	<0.300	0.300	10/09/2021	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/09/2021	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/09/2021	ND	219	109	200	3.64	
DRO >C10-C28*	119	10.0	10/09/2021	ND	222	111	200	4.26	
EXT DRO >C28-C36	15.4	10.0	10/09/2021	ND					

Surrogate: 1-Chlorooctane 86.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 87.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/09/2021	Sampling Date:	10/09/2021
Reported:	10/10/2021	Sampling Type:	Soil
Project Name:	DCP - 10200 LINE	Sampling Condition:	Cool & Intact
Project Number:	10200 LINE (10-7-21)	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: BOTTOM - 3 @ 4.5' (H212834-03)

BTEX 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/09/2021	ND	1.89	94.4	2.00	9.38		
Toluene*	<0.050	0.050	10/09/2021	ND	1.90	95.0	2.00	9.10		
Ethylbenzene*	<0.050	0.050	10/09/2021	ND	1.88	94.2	2.00	9.05		
Total Xylenes*	<0.150	0.150	10/09/2021	ND	5.64	94.0	6.00	9.18		
Total BTEX	<0.300	0.300	10/09/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	10/09/2021	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/09/2021	ND	219	109	200	3.64		
DRO >C10-C28*	44.3	10.0	10/09/2021	ND	222	111	200	4.26		
EXT DRO >C28-C36	<10.0	10.0	10/09/2021	ND						

Surrogate: 1-Chlorooctane 87.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 88.2 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/09/2021	Sampling Date:	10/09/2021
Reported:	10/10/2021	Sampling Type:	Soil
Project Name:	DCP - 10200 LINE	Sampling Condition:	Cool & Intact
Project Number:	10200 LINE (10-7-21)	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: BOTTOM - 4 @ 9.5' (H212834-04)

BTEX 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/09/2021	ND	1.89	94.4	2.00	9.38		
Toluene*	<0.050	0.050	10/09/2021	ND	1.90	95.0	2.00	9.10		
Ethylbenzene*	<0.050	0.050	10/09/2021	ND	1.88	94.2	2.00	9.05		
Total Xylenes*	<0.150	0.150	10/09/2021	ND	5.64	94.0	6.00	9.18		
Total BTEX	<0.300	0.300	10/09/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	10/09/2021	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/09/2021	ND	219	109	200	3.64		
DRO >C10-C28*	<10.0	10.0	10/09/2021	ND	222	111	200	4.26		
EXT DRO >C28-C36	<10.0	10.0	10/09/2021	ND						

Surrogate: 1-Chlorooctane 87.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 87.2 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/09/2021	Sampling Date:	10/09/2021
Reported:	10/10/2021	Sampling Type:	Soil
Project Name:	DCP - 10200 LINE	Sampling Condition:	Cool & Intact
Project Number:	10200 LINE (10-7-21)	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: BOTTOM - 5 @ 5' (H212834-05)

BTEX 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/09/2021	ND	1.89	94.4	2.00	9.38		
Toluene*	<0.050	0.050	10/09/2021	ND	1.90	95.0	2.00	9.10		
Ethylbenzene*	<0.050	0.050	10/09/2021	ND	1.88	94.2	2.00	9.05		
Total Xylenes*	<0.150	0.150	10/09/2021	ND	5.64	94.0	6.00	9.18		
Total BTEX	<0.300	0.300	10/09/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/09/2021	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/09/2021	ND	219	109	200	3.64		
DRO >C10-C28*	<10.0	10.0	10/09/2021	ND	222	111	200	4.26		
EXT DRO >C28-C36	<10.0	10.0	10/09/2021	ND						

Surrogate: 1-Chlorooctane 93.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 91.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/09/2021
 Reported: 10/10/2021
 Project Name: DCP - 10200 LINE
 Project Number: 10200 LINE (10-7-21)
 Project Location: NONE GIVEN

Sampling Date: 10/09/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM - 6 @ 5' (H212834-06)

BTEX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/09/2021	ND	1.89	94.4	2.00	9.38	
Toluene*	<0.050	0.050	10/09/2021	ND	1.90	95.0	2.00	9.10	
Ethylbenzene*	<0.050	0.050	10/09/2021	ND	1.88	94.2	2.00	9.05	
Total Xylenes*	<0.150	0.150	10/09/2021	ND	5.64	94.0	6.00	9.18	
Total BTEX	<0.300	0.300	10/09/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/09/2021	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/09/2021	ND	219	109	200	3.64	
DRO >C10-C28*	10.8	10.0	10/09/2021	ND	222	111	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	10/09/2021	ND					

Surrogate: 1-Chlorooctane 80.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 80.2 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/09/2021
 Reported: 10/10/2021
 Project Name: DCP - 10200 LINE
 Project Number: 10200 LINE (10-7-21)
 Project Location: NONE GIVEN

Sampling Date: 10/09/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM - 7 @ 9' (H212834-07)

BTEX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/09/2021	ND	1.89	94.4	2.00	9.38	
Toluene*	<0.050	0.050	10/09/2021	ND	1.90	95.0	2.00	9.10	
Ethylbenzene*	<0.050	0.050	10/09/2021	ND	1.88	94.2	2.00	9.05	
Total Xylenes*	<0.150	0.150	10/09/2021	ND	5.64	94.0	6.00	9.18	
Total BTEX	<0.300	0.300	10/09/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	10/09/2021	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/09/2021	ND	219	109	200	3.64	
DRO >C10-C28*	<10.0	10.0	10/09/2021	ND	222	111	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	10/09/2021	ND					

Surrogate: 1-Chlorooctane 89.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 89.6 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/09/2021	Sampling Date:	10/09/2021
Reported:	10/10/2021	Sampling Type:	Soil
Project Name:	DCP - 10200 LINE	Sampling Condition:	Cool & Intact
Project Number:	10200 LINE (10-7-21)	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: BOTTOM - 8 @ 9' (H212834-08)

BTEX 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/09/2021	ND	1.89	94.4	2.00	9.38		
Toluene*	<0.050	0.050	10/09/2021	ND	1.90	95.0	2.00	9.10		
Ethylbenzene*	<0.050	0.050	10/09/2021	ND	1.88	94.2	2.00	9.05		
Total Xylenes*	<0.150	0.150	10/09/2021	ND	5.64	94.0	6.00	9.18		
Total BTEX	<0.300	0.300	10/09/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	10/09/2021	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/09/2021	ND	219	109	200	3.64		
DRO >C10-C28*	<10.0	10.0	10/09/2021	ND	222	111	200	4.26		
EXT DRO >C28-C36	<10.0	10.0	10/09/2021	ND						

Surrogate: 1-Chlorooctane 92.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 92.2 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/09/2021	Sampling Date:	10/09/2021
Reported:	10/10/2021	Sampling Type:	Soil
Project Name:	DCP - 10200 LINE	Sampling Condition:	Cool & Intact
Project Number:	10200 LINE (10-7-21)	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: BOTTOM - 9 @ 13' (H212834-09)

BTEX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.141	0.050	10/09/2021	ND	1.89	94.4	2.00	9.38	
Toluene*	0.647	0.050	10/09/2021	ND	1.90	95.0	2.00	9.10	
Ethylbenzene*	0.109	0.050	10/09/2021	ND	1.88	94.2	2.00	9.05	
Total Xylenes*	0.989	0.150	10/09/2021	ND	5.64	94.0	6.00	9.18	
Total BTEX	1.89	0.300	10/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	10/09/2021	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	21.2	10.0	10/09/2021	ND	219	109	200	3.64	
DRO >C10-C28*	10.2	10.0	10/09/2021	ND	222	111	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	10/09/2021	ND					

Surrogate: 1-Chlorooctane 93.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 94.0 % 38.9-142

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/09/2021	Sampling Date:	10/09/2021
Reported:	10/10/2021	Sampling Type:	Soil
Project Name:	DCP - 10200 LINE	Sampling Condition:	Cool & Intact
Project Number:	10200 LINE (10-7-21)	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: BOTTOM - 10 @ 10' (H212834-10)

BTEX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/09/2021	ND	1.89	94.4	2.00	9.38	
Toluene*	<0.050	0.050	10/09/2021	ND	1.90	95.0	2.00	9.10	
Ethylbenzene*	<0.050	0.050	10/09/2021	ND	1.88	94.2	2.00	9.05	
Total Xylenes*	<0.150	0.150	10/09/2021	ND	5.64	94.0	6.00	9.18	
Total BTEX	<0.300	0.300	10/09/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/09/2021	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/09/2021	ND	219	109	200	3.64	
DRO >C10-C28*	<10.0	10.0	10/09/2021	ND	222	111	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	10/09/2021	ND					

Surrogate: 1-Chlorooctane 88.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 88.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/09/2021	Sampling Date:	10/09/2021
Reported:	10/10/2021	Sampling Type:	Soil
Project Name:	DCP - 10200 LINE	Sampling Condition:	Cool & Intact
Project Number:	10200 LINE (10-7-21)	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: WALL - 1 (H212834-11)

BTEX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/09/2021	ND	1.89	94.4	2.00	9.38	
Toluene*	<0.050	0.050	10/09/2021	ND	1.90	95.0	2.00	9.10	
Ethylbenzene*	<0.050	0.050	10/09/2021	ND	1.88	94.2	2.00	9.05	
Total Xylenes*	<0.150	0.150	10/09/2021	ND	5.64	94.0	6.00	9.18	
Total BTEX	<0.300	0.300	10/09/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/09/2021	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/09/2021	ND	219	109	200	3.64	
DRO >C10-C28*	<10.0	10.0	10/09/2021	ND	222	111	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	10/09/2021	ND					

Surrogate: 1-Chlorooctane 84.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 84.0 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/09/2021
 Reported: 10/10/2021
 Project Name: DCP - 10200 LINE
 Project Number: 10200 LINE (10-7-21)
 Project Location: NONE GIVEN

Sampling Date: 10/09/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: WALL - 2 (H212834-12)

BTEX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/09/2021	ND	1.89	94.4	2.00	9.38	
Toluene*	<0.050	0.050	10/09/2021	ND	1.90	95.0	2.00	9.10	
Ethylbenzene*	<0.050	0.050	10/09/2021	ND	1.88	94.2	2.00	9.05	
Total Xylenes*	<0.150	0.150	10/09/2021	ND	5.64	94.0	6.00	9.18	
Total BTEX	<0.300	0.300	10/09/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/09/2021	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/09/2021	ND	219	109	200	3.64	
DRO >C10-C28*	<10.0	10.0	10/09/2021	ND	222	111	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	10/09/2021	ND					

Surrogate: 1-Chlorooctane 87.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 87.2 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/09/2021
 Reported: 10/10/2021
 Project Name: DCP - 10200 LINE
 Project Number: 10200 LINE (10-7-21)
 Project Location: NONE GIVEN

Sampling Date: 10/09/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: WALL - 3 (H212834-13)

BTEX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/09/2021	ND	1.89	94.4	2.00	9.38	
Toluene*	<0.050	0.050	10/09/2021	ND	1.90	95.0	2.00	9.10	
Ethylbenzene*	<0.050	0.050	10/09/2021	ND	1.88	94.2	2.00	9.05	
Total Xylenes*	<0.150	0.150	10/09/2021	ND	5.64	94.0	6.00	9.18	
Total BTEX	<0.300	0.300	10/09/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/09/2021	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/09/2021	ND	219	109	200	3.64	
DRO >C10-C28*	<10.0	10.0	10/09/2021	ND	222	111	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	10/09/2021	ND					

Surrogate: 1-Chlorooctane 81.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 81.7 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/09/2021
 Reported: 10/10/2021
 Project Name: DCP - 10200 LINE
 Project Number: 10200 LINE (10-7-21)
 Project Location: NONE GIVEN

Sampling Date: 10/09/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: WALL - 4 (H212834-14)

BTEX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/10/2021	ND	1.89	94.4	2.00	9.38	
Toluene*	<0.050	0.050	10/10/2021	ND	1.90	95.0	2.00	9.10	
Ethylbenzene*	<0.050	0.050	10/10/2021	ND	1.88	94.2	2.00	9.05	
Total Xylenes*	<0.150	0.150	10/10/2021	ND	5.64	94.0	6.00	9.18	
Total BTEX	<0.300	0.300	10/10/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	10/09/2021	ND	416	104	400	3.92	QR-03

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/09/2021	ND	219	109	200	3.64	
DRO >C10-C28*	<10.0	10.0	10/09/2021	ND	222	111	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	10/09/2021	ND					

Surrogate: 1-Chlorooctane 84.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 83.8 % 38.9-142

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/09/2021
 Reported: 10/10/2021
 Project Name: DCP - 10200 LINE
 Project Number: 10200 LINE (10-7-21)
 Project Location: NONE GIVEN

Sampling Date: 10/09/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: WALL - 5 (H212834-15)

BTEX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.421	0.050	10/10/2021	ND	1.89	94.4	2.00	9.38	
Toluene*	2.13	0.050	10/10/2021	ND	1.90	95.0	2.00	9.10	
Ethylbenzene*	0.354	0.050	10/10/2021	ND	1.88	94.2	2.00	9.05	
Total Xylenes*	3.03	0.150	10/10/2021	ND	5.64	94.0	6.00	9.18	
Total BTEX	5.94	0.300	10/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	10/09/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	374	10.0	10/09/2021	ND	219	109	200	3.64	
DRO >C10-C28*	107	10.0	10/09/2021	ND	222	111	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	10/09/2021	ND					

Surrogate: 1-Chlorooctane 99.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 89.8 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/09/2021
 Reported: 10/10/2021
 Project Name: DCP - 10200 LINE
 Project Number: 10200 LINE (10-7-21)
 Project Location: NONE GIVEN

Sampling Date: 10/09/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: WALL - 6 (H212834-16)

BTEX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/10/2021	ND	1.89	94.4	2.00	9.38	
Toluene*	<0.050	0.050	10/10/2021	ND	1.90	95.0	2.00	9.10	
Ethylbenzene*	<0.050	0.050	10/10/2021	ND	1.88	94.2	2.00	9.05	
Total Xylenes*	<0.150	0.150	10/10/2021	ND	5.64	94.0	6.00	9.18	
Total BTEX	<0.300	0.300	10/10/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	10/09/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/09/2021	ND	219	109	200	3.64	
DRO >C10-C28*	<10.0	10.0	10/09/2021	ND	222	111	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	10/09/2021	ND					

Surrogate: 1-Chlorooctane 88.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 87.1 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

2 of 2

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Tasman Geosciences, LLC Project Manager: Kyle Norman Address: 2620 W Marland Blvd City: Hobbs Phone #: 575-318-5017 Project #: nAPP2128133962 Project Name: DCP Project Location: 10200 Line (10-7-21)		P.O. #: Company: Tasman Geo Attn: Kyle Norman Address: 2620 W. Marland City: Hobbs State: NM Zip: 88240 Phone #: 575-318-5017 Fax #:	
Sample Name: <i>W Marland</i> Sampler Name: <i>Kyle Norman</i> <small>FOR LAB USE ONLY</small>		ANALYSIS REQUEST Chlorides TPH 8015 M BTEX Texas TPH Complete Cations/Anions TDS HOLD RUSH	
Lab I.D. AT2834 11 Wa11-1 12 Wa11-2 13 Wa11-3 14 Wa11-4 15 Wa11-5 16 Wa11-6	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	DATE 10/9/21	TIME 3:05 3:10 3:20 3:30 3:40 3:50
Relinquished By: <i>[Signature]</i> Date: 10/9/21 Time: 1:35 Received By: <i>[Signature]</i> Date: Time:		CHECKED BY: <i>[Signature]</i> (Initials)	
Delivered By: (Circle One) UPS <input checked="" type="checkbox"/> Bus <input type="checkbox"/> Other: <i>5:20 C-O.S.E</i>		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	
Sampler - UPS - Bus - Other: 4:70 #113		REMARKS: email results to: knorman@tasman-geo.com, bgriffin@tasman-geo.com, Cook, John W <JWCook@dcpmidstream.com> Hyman, Albert L <ALHyman@dcpmidstream.com> Hyman, Janice L <JHyman@dcpmidstream.com>	

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



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

October 21, 2021

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

RE: DCP - 10200 LINE

Enclosed are the results of analyses for samples received by the laboratory on 10/20/21 15:50.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

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:	10/20/2021	Sampling Date:	10/20/2021
Reported:	10/21/2021	Sampling Type:	Soil
Project Name:	DCP - 10200 LINE	Sampling Condition:	Cool & Intact
Project Number:	(10 - 7 - 21)	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: 5 PT. COMP BOTTOM - 12 @ 12' (H212963-01)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/20/2021	ND	2.10	105	2.00	3.08		
Toluene*	<0.050	0.050	10/20/2021	ND	2.09	104	2.00	2.29		
Ethylbenzene*	<0.050	0.050	10/20/2021	ND	2.05	102	2.00	2.35		
Total Xylenes*	<0.150	0.150	10/20/2021	ND	6.20	103	6.00	2.09		
Total BTEX	<0.300	0.300	10/20/2021	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/21/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/20/2021	ND	207	104	200	3.45		
DRO >C10-C28*	<10.0	10.0	10/20/2021	ND	194	97.0	200	3.04		
EXT DRO >C28-C36	<10.0	10.0	10/20/2021	ND						

Surrogate: 1-Chlorooctane 64.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 62.5 % 38.9-142

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/20/2021
 Reported: 10/21/2021
 Project Name: DCP - 10200 LINE
 Project Number: (10 - 7 - 21)
 Project Location: NONE GIVEN

Sampling Date: 10/20/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 5 PT. COMP BOTTOM - 13 @ 12' - 17' (H212963-02)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/20/2021	ND	2.10	105	2.00	3.08		
Toluene*	<0.050	0.050	10/20/2021	ND	2.09	104	2.00	2.29		
Ethylbenzene*	<0.050	0.050	10/20/2021	ND	2.05	102	2.00	2.35		
Total Xylenes*	<0.150	0.150	10/20/2021	ND	6.20	103	6.00	2.09		
Total BTEX	<0.300	0.300	10/20/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/21/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/20/2021	ND	207	104	200	3.45		
DRO >C10-C28*	11.8	10.0	10/20/2021	ND	194	97.0	200	3.04		
EXT DRO >C28-C36	<10.0	10.0	10/20/2021	ND						

Surrogate: 1-Chlorooctane 83.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 81.0 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/20/2021
 Reported: 10/21/2021
 Project Name: DCP - 10200 LINE
 Project Number: (10 - 7 - 21)
 Project Location: NONE GIVEN

Sampling Date: 10/20/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 5 PT. COMP BOTTOM - 14 @ 17' (H212963-03)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/20/2021	ND	2.10	105	2.00	3.08		
Toluene*	<0.050	0.050	10/20/2021	ND	2.09	104	2.00	2.29		
Ethylbenzene*	<0.050	0.050	10/20/2021	ND	2.05	102	2.00	2.35		
Total Xylenes*	<0.150	0.150	10/20/2021	ND	6.20	103	6.00	2.09		
Total BTEX	<0.300	0.300	10/20/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/21/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/20/2021	ND	207	104	200	3.45		
DRO >C10-C28*	<10.0	10.0	10/20/2021	ND	194	97.0	200	3.04		
EXT DRO >C28-C36	<10.0	10.0	10/20/2021	ND						

Surrogate: 1-Chlorooctane 71.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 69.8 % 38.9-142

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/20/2021	Sampling Date:	10/20/2021
Reported:	10/21/2021	Sampling Type:	Soil
Project Name:	DCP - 10200 LINE	Sampling Condition:	Cool & Intact
Project Number:	(10 - 7 - 21)	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: 5 PT. COMP BOTTOM - 15 @ 17' (H212963-04)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/20/2021	ND	2.10	105	2.00	3.08		
Toluene*	<0.050	0.050	10/20/2021	ND	2.09	104	2.00	2.29		
Ethylbenzene*	<0.050	0.050	10/20/2021	ND	2.05	102	2.00	2.35		
Total Xylenes*	<0.150	0.150	10/20/2021	ND	6.20	103	6.00	2.09		
Total BTEX	<0.300	0.300	10/20/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/21/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/20/2021	ND	207	104	200	3.45		
DRO >C10-C28*	<10.0	10.0	10/20/2021	ND	194	97.0	200	3.04		
EXT DRO >C28-C36	<10.0	10.0	10/20/2021	ND						

Surrogate: 1-Chlorooctane 66.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 63.8 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/20/2021	Sampling Date:	10/20/2021
Reported:	10/21/2021	Sampling Type:	Soil
Project Name:	DCP - 10200 LINE	Sampling Condition:	Cool & Intact
Project Number:	(10 - 7 - 21)	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: 5 PT. COMP BOTTOM - 16 @ 17' - 19' (H212963-05)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/20/2021	ND	2.10	105	2.00	3.08		
Toluene*	<0.050	0.050	10/20/2021	ND	2.09	104	2.00	2.29		
Ethylbenzene*	<0.050	0.050	10/20/2021	ND	2.05	102	2.00	2.35		
Total Xylenes*	<0.150	0.150	10/20/2021	ND	6.20	103	6.00	2.09		
Total BTEX	<0.300	0.300	10/20/2021	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	10/21/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/20/2021	ND	207	104	200	3.45		
DRO >C10-C28*	<10.0	10.0	10/20/2021	ND	194	97.0	200	3.04		
EXT DRO >C28-C36	<10.0	10.0	10/20/2021	ND						

Surrogate: 1-Chlorooctane 82.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 80.1 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/20/2021	Sampling Date:	10/20/2021
Reported:	10/21/2021	Sampling Type:	Soil
Project Name:	DCP - 10200 LINE	Sampling Condition:	Cool & Intact
Project Number:	(10 - 7 - 21)	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: WALL - 9 @ 5' - 12' (H212963-06)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2021	ND	2.10	105	2.00	3.08	
Toluene*	<0.050	0.050	10/20/2021	ND	2.09	104	2.00	2.29	
Ethylbenzene*	<0.050	0.050	10/20/2021	ND	2.05	102	2.00	2.35	
Total Xylenes*	<0.150	0.150	10/20/2021	ND	6.20	103	6.00	2.09	
Total BTEX	<0.300	0.300	10/20/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	10/21/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/20/2021	ND	207	104	200	3.45	
DRO >C10-C28*	<10.0	10.0	10/20/2021	ND	194	97.0	200	3.04	
EXT DRO >C28-C36	<10.0	10.0	10/20/2021	ND					

Surrogate: 1-Chlorooctane 71.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 68.6 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/20/2021	Sampling Date:	10/20/2021
Reported:	10/21/2021	Sampling Type:	Soil
Project Name:	DCP - 10200 LINE	Sampling Condition:	Cool & Intact
Project Number:	(10 - 7 - 21)	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: WALL - 10 @ 10' - 17' (H212963-07)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2021	ND	2.10	105	2.00	3.08	
Toluene*	<0.050	0.050	10/20/2021	ND	2.09	104	2.00	2.29	
Ethylbenzene*	<0.050	0.050	10/20/2021	ND	2.05	102	2.00	2.35	
Total Xylenes*	<0.150	0.150	10/20/2021	ND	6.20	103	6.00	2.09	
Total BTEX	<0.300	0.300	10/20/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/21/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/20/2021	ND	207	104	200	3.45	
DRO >C10-C28*	11.1	10.0	10/20/2021	ND	194	97.0	200	3.04	
EXT DRO >C28-C36	<10.0	10.0	10/20/2021	ND					

Surrogate: 1-Chlorooctane 77.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 75.6 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/20/2021	Sampling Date:	10/20/2021
Reported:	10/21/2021	Sampling Type:	Soil
Project Name:	DCP - 10200 LINE	Sampling Condition:	Cool & Intact
Project Number:	(10 - 7 - 21)	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: WALL - 11 @ 6' - 19' (H212963-08)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2021	ND	2.10	105	2.00	3.08	
Toluene*	<0.050	0.050	10/20/2021	ND	2.09	104	2.00	2.29	
Ethylbenzene*	<0.050	0.050	10/20/2021	ND	2.05	102	2.00	2.35	
Total Xylenes*	<0.150	0.150	10/20/2021	ND	6.20	103	6.00	2.09	
Total BTEX	<0.300	0.300	10/20/2021	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	10/21/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/20/2021	ND	207	104	200	3.45	
DRO >C10-C28*	<10.0	10.0	10/20/2021	ND	194	97.0	200	3.04	
EXT DRO >C28-C36	<10.0	10.0	10/20/2021	ND					

Surrogate: 1-Chlorooctane 74.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 71.7 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



ARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

RUSH RUSH

BILL TO

ANALYSIS REQUEST

Company Name: Tasman Geosciences, LLC
 Project Manager: Kyle Norman
 Address: 2620 W Marland Blvd
 City: Hobbs State: NM Zip: 88240
 Phone #: 575-318-5017 Fax #: 575-318-5017
 Project #: nAPP2128133962 Project Owner: DCP Midstream
 Project Name: DCP
 Project Location: 10200 Line (10-7-21)
 Sampler Name: Kyle Norman
 P.O. #: _____ Company: Tasman Geo
 Attn: Kyle Norman
 Address: 2620 W. Marland
 City: Hobbs State: NM Zip: 88240
 Phone #: 575-318-5017 Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	Chlorides	TPH 8015 M	BTEX	Texas TPH	Complete Cations/Anions	TDS	HOLD	RUSH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:										
H212913	5 Pt Comp. Bottom - 12 @ 12'		1	✓						10/20/21	10:00	✓	✓	✓						
	5 Pt Comp. Bottom - 13 @ 12' - 17'		1	✓						10/20/21	10:20	✓	✓	✓						
	5 Pt Comp. Bottom - 14 @ 17'		1	✓						10/20/21	10:40	✓	✓	✓						
	5 Pt Comp. Bottom - 15 @ 17'		1	✓						10/20/21	11:00	✓	✓	✓						
	5 Pt Comp. Bottom - 16 @ 17' - 19'		1	✓						10/20/21	11:20	✓	✓	✓						
	Wall - 9 @ 5' - 12'		1	✓						10/20/21	11:40	✓	✓	✓						
	Wall - 10 @ 10' - 17'		1	✓						10/20/21	12:00	✓	✓	✓						
	Wall - 11 @ 6' - 19'		1	✓						10/20/21	12:20	✓	✓	✓						

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Relinquished By: _____ Date: 10-20-21 Time: 12:30
 Received By: _____ Date: 10-20-21 Time: 13:50
 Delivered By: (Circle One) _____
 Sampler - UPS - Bus - Other: _____
 Sample Condition: Cool Intact
 CHECKED BY: _____ (Initials) _____
 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, SWWeathers@dcpmidstream.com

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



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

October 22, 2021

KYLE NORMAN

TASMAN GEOSCIENCES

6899 PECOS ST. UNIT C

DENVER, CO 80221

RE: DCP - 10200 LINE

Enclosed are the results of analyses for samples received by the laboratory on 10/21/21 17:15.

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

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

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

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

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

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

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Project: DCP - 10200 LINE
Project Number: (10-7-21)
Project Manager: KYLE NORMAN
Fax To:

Reported:
22-Oct-21 10:54

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
5 PT. COMP BOTTOM - 17 @ 20'	H212977-01	Soil	21-Oct-21 10:00	21-Oct-21 17:15
5 PT. COMP WALL - 12 @ 10' - 20'	H212977-02	Soil	21-Oct-21 11:20	21-Oct-21 17:15
5 PT. COMP WALL - 13 @ 5' - 25'	H212977-03	Soil	21-Oct-21 12:40	21-Oct-21 17:15
5 PT. COMP WALL - 14 @ 10' - 20'	H212977-04	Soil	21-Oct-21 14:00	21-Oct-21 17:15
5 PT. COMP WALL - 15 @ 10' - 19'	H212977-05	Soil	21-Oct-21 14:20	21-Oct-21 17:15

10/22/21 - This is the revised report and will replace the one sent earlier 10/22/21.

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TASMAN GEOSCIENCES 6899 PECOS ST. UNIT C DENVER CO, 80221	Project: DCP - 10200 LINE Project Number: (10-7-21) Project Manager: KYLE NORMAN Fax To:	Reported: 22-Oct-21 10:54
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**5 PT. COMP BOTTOM - 17 @ 20'
H212977-01 (Soil)**

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

Inorganic Compounds

Chloride	32.0		16.0	mg/kg	4	1102201	GM	22-Oct-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1102108	MS	21-Oct-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1102108	MS	21-Oct-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1102108	MS	21-Oct-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1102108	MS	21-Oct-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1102108	MS	21-Oct-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			102 %	69.9-140		1102108	MS	21-Oct-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1102128	MS	22-Oct-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1102128	MS	22-Oct-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1102128	MS	22-Oct-21	8015B	

Surrogate: 1-Chlorooctane			86.4 %	44.3-133		1102128	MS	22-Oct-21	8015B	
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Surrogate: 1-Chlorooctadecane			88.8 %	38.9-142		1102128	MS	22-Oct-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TASMAN GEOSCIENCES 6899 PECOS ST. UNIT C DENVER CO, 80221	Project: DCP - 10200 LINE Project Number: (10-7-21) Project Manager: KYLE NORMAN Fax To:	Reported: 22-Oct-21 10:54
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5 PT. COMP WALL - 12 @ 10' - 20'

H212977-02 (Soil)

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

Inorganic Compounds

Chloride	128		16.0	mg/kg	4	1102201	GM	22-Oct-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1102108	MS	21-Oct-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1102108	MS	21-Oct-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1102108	MS	21-Oct-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1102108	MS	21-Oct-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1102108	MS	21-Oct-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			102 %	69.9-140		1102108	MS	21-Oct-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1102128	MS	22-Oct-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1102128	MS	22-Oct-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1102128	MS	22-Oct-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			84.0 %	44.3-133		1102128	MS	22-Oct-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			82.3 %	38.9-142		1102128	MS	22-Oct-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: DCP - 10200 LINE
Project Number: (10-7-21)
Project Manager: KYLE NORMAN
Fax To:

Reported:
22-Oct-21 10:54

5 PT. COMP WALL - 13 @ 5' - 25'**H212977-03 (Soil)**

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

Chloride	224		16.0	mg/kg	4	1102201	GM	22-Oct-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1102108	MS	21-Oct-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1102108	MS	21-Oct-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1102108	MS	21-Oct-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1102108	MS	21-Oct-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1102108	MS	21-Oct-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			101 %	69.9-140		1102108	MS	21-Oct-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1102128	MS	22-Oct-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1102128	MS	22-Oct-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1102128	MS	22-Oct-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			77.5 %	44.3-133		1102128	MS	22-Oct-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			75.4 %	38.9-142		1102128	MS	22-Oct-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: DCP - 10200 LINE
Project Number: (10-7-21)
Project Manager: KYLE NORMAN
Fax To:

Reported:
22-Oct-21 10:54

5 PT. COMP WALL - 14 @ 10' - 20'**H212977-04 (Soil)**

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

Chloride	592		16.0	mg/kg	4	1102201	GM	22-Oct-21	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1102108	MS	21-Oct-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1102108	MS	21-Oct-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1102108	MS	21-Oct-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1102108	MS	21-Oct-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1102108	MS	21-Oct-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			101 %	69.9-140		1102108	MS	21-Oct-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1102128	MS	22-Oct-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1102128	MS	22-Oct-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1102128	MS	22-Oct-21	8015B	

Surrogate: 1-Chlorooctane			89.1 %	44.3-133		1102128	MS	22-Oct-21	8015B	
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Surrogate: 1-Chlorooctadecane			90.3 %	38.9-142		1102128	MS	22-Oct-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: DCP - 10200 LINE
Project Number: (10-7-21)
Project Manager: KYLE NORMAN
Fax To:

Reported:
22-Oct-21 10:54

5 PT. COMP WALL - 15 @ 10' - 19'**H212977-05 (Soil)**

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

Chloride	240		16.0	mg/kg	4	1102201	GM	22-Oct-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1102108	MS	21-Oct-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1102108	MS	21-Oct-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1102108	MS	21-Oct-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1102108	MS	21-Oct-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1102108	MS	21-Oct-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			101 %	69.9-140		1102108	MS	21-Oct-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1102128	MS	22-Oct-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1102128	MS	22-Oct-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1102128	MS	22-Oct-21	8015B	

Surrogate: 1-Chlorooctane			84.8 %	44.3-133		1102128	MS	22-Oct-21	8015B	
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Surrogate: 1-Chlorooctadecane			84.5 %	38.9-142		1102128	MS	22-Oct-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TASMAN GEOSCIENCES 6899 PECOS ST. UNIT C DENVER CO, 80221	Project: DCP - 10200 LINE Project Number: (10-7-21) Project Manager: KYLE NORMAN Fax To:	Reported: 22-Oct-21 10:54
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Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1102201 - 1:4 DI Water										
Blank (1102201-BLK1)										
Prepared & Analyzed: 22-Oct-21										
Chloride	ND	16.0	mg/kg							
LCS (1102201-BS1)										
Prepared & Analyzed: 22-Oct-21										
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (1102201-BSD1)										
Prepared & Analyzed: 22-Oct-21										
Chloride	416	16.0	mg/kg	400		104	80-120	0.00	20	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: DCP - 10200 LINE
Project Number: (10-7-21)
Project Manager: KYLE NORMAN
Fax To:

Reported:
22-Oct-21 10:54

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1102108 - Volatiles**Blank (1102108-BLK1)**

Prepared & Analyzed: 21-Oct-21

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)	0.0510		mg/kg	0.0500		102	69.9-140			

LCS (1102108-BS1)

Prepared & Analyzed: 21-Oct-21

Benzene	2.04	0.050	mg/kg	2.00		102	85.1-114			
Toluene	2.00	0.050	mg/kg	2.00		99.9	88.6-116			
Ethylbenzene	1.96	0.050	mg/kg	2.00		98.2	84.4-115			
m,p-Xylene	4.03	0.100	mg/kg	4.00		101	85.5-116			
o-Xylene	1.94	0.050	mg/kg	2.00		96.9	85.2-111			
Total Xylenes	5.96	0.150	mg/kg	6.00		99.4	86.2-113			
Surrogate: 4-Bromofluorobenzene (PID)	0.0497		mg/kg	0.0500		99.4	69.9-140			

LCS Dup (1102108-BSD1)

Prepared & Analyzed: 21-Oct-21

Benzene	2.13	0.050	mg/kg	2.00		106	85.1-114	4.06	12.6	
Toluene	2.08	0.050	mg/kg	2.00		104	88.6-116	4.13	13.3	
Ethylbenzene	2.06	0.050	mg/kg	2.00		103	84.4-115	4.83	13.9	
m,p-Xylene	4.22	0.100	mg/kg	4.00		105	85.5-116	4.69	13.6	
o-Xylene	2.07	0.050	mg/kg	2.00		103	85.2-111	6.48	14.1	
Total Xylenes	6.29	0.150	mg/kg	6.00		105	86.2-113	5.28	13.4	
Surrogate: 4-Bromofluorobenzene (PID)	0.0499		mg/kg	0.0500		99.8	69.9-140			

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TASMAN GEOSCIENCES 6899 PECOS ST. UNIT C DENVER CO, 80221	Project: DCP - 10200 LINE Project Number: (10-7-21) Project Manager: KYLE NORMAN Fax To:	Reported: 22-Oct-21 10:54
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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
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Batch 1102128 - General Prep - Organics

Blank (1102128-BLK1)		Prepared & Analyzed: 21-Oct-21								
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							
<i>Surrogate: 1-Chlorooctane</i>	43.7		mg/kg	50.0		87.4	44.3-133			
<i>Surrogate: 1-Chlorooctadecane</i>	44.5		mg/kg	50.0		88.9	38.9-142			

LCS (1102128-BS1)		Prepared & Analyzed: 21-Oct-21								
GRO C6-C10	208	10.0	mg/kg	200		104	83.4-129			
DRO >C10-C28	259	10.0	mg/kg	200		129	79.3-136			
Total TPH C6-C28	467	10.0	mg/kg	400		117	85.3-130			
<i>Surrogate: 1-Chlorooctane</i>	46.4		mg/kg	50.0		92.9	44.3-133			
<i>Surrogate: 1-Chlorooctadecane</i>	48.7		mg/kg	50.0		97.3	38.9-142			

LCS Dup (1102128-BSD1)		Prepared & Analyzed: 21-Oct-21								
GRO C6-C10	181	10.0	mg/kg	200		90.4	83.4-129	14.1	12.6	QR-04
DRO >C10-C28	242	10.0	mg/kg	200		121	79.3-136	6.87	12.1	
Total TPH C6-C28	423	10.0	mg/kg	400		106	85.3-130	10.0	11.6	
<i>Surrogate: 1-Chlorooctane</i>	47.4		mg/kg	50.0		94.9	44.3-133			
<i>Surrogate: 1-Chlorooctadecane</i>	49.2		mg/kg	50.0		98.4	38.9-142			

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QR-04 The RPD for the BS/BSD was outside of historical limits.
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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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

October 22, 2021

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

RE: DCP - 10200 LINE

Enclosed are the results of analyses for samples received by the laboratory on 10/22/21 14:35.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

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:	10/22/2021	Sampling Date:	10/22/2021
Reported:	10/22/2021	Sampling Type:	Soil
Project Name:	DCP - 10200 LINE	Sampling Condition:	Cool & Intact
Project Number:	NAPP2128133962	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: 5 PT. COMP BOTTOM - 18 @ 25' (H212986-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2021	ND	2.13	106	2.00	0.604	
Toluene*	<0.050	0.050	10/22/2021	ND	2.08	104	2.00	0.517	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	2.03	102	2.00	0.830	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	6.18	103	6.00	0.588	
Total BTEX	<0.300	0.300	10/22/2021	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/22/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2021	ND	233	116	200	0.553	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	254	127	200	6.01	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 79.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 75.9 % 38.9-142

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/22/2021	Sampling Date:	10/22/2021
Reported:	10/22/2021	Sampling Type:	Soil
Project Name:	DCP - 10200 LINE	Sampling Condition:	Cool & Intact
Project Number:	NAPP2128133962	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: 5 PT. COMP WALL - 16 @ 20' - 25' (H212986-02)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2021	ND	2.13	106	2.00	0.604	
Toluene*	0.062	0.050	10/22/2021	ND	2.08	104	2.00	0.517	GC-NC1
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	2.03	102	2.00	0.830	
Total Xylenes*	0.166	0.150	10/22/2021	ND	6.18	103	6.00	0.588	
Total BTEX	<0.300	0.300	10/22/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	10/22/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2021	ND	233	116	200	0.553	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	254	127	200	6.01	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 89.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 92.2 % 38.9-142

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- GC-NC1 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

October 28, 2021

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

RE: DCP - 10200 LINE

Enclosed are the results of analyses for samples received by the laboratory on 10/26/21 9:20.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

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:	10/26/2021	Sampling Date:	10/25/2021
Reported:	10/28/2021	Sampling Type:	Soil
Project Name:	DCP - 10200 LINE	Sampling Condition:	Cool & Intact
Project Number:	NAPP2128133962 (10-7-21)	Sample Received By:	Jodi Henson
Project Location:	NONE GIVEN		

Sample ID: MW - 1 @ 35' (H213004-01)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/26/2021	ND	1.98	99.1	2.00	9.01		
Toluene*	<0.050	0.050	10/26/2021	ND	1.89	94.7	2.00	8.26		
Ethylbenzene*	<0.050	0.050	10/26/2021	ND	1.90	94.9	2.00	8.39		
Total Xylenes*	<0.150	0.150	10/26/2021	ND	5.81	96.9	6.00	7.11		
Total BTEX	<0.300	0.300	10/26/2021	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	10/26/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/28/2021	ND	227	114	200	0.193		
DRO >C10-C28*	<10.0	10.0	10/28/2021	ND	217	108	200	0.933		
EXT DRO >C28-C36	<10.0	10.0	10/28/2021	ND						

Surrogate: 1-Chlorooctane 98.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 95.9 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/26/2021	Sampling Date:	10/25/2021
Reported:	10/28/2021	Sampling Type:	Soil
Project Name:	DCP - 10200 LINE	Sampling Condition:	Cool & Intact
Project Number:	NAPP2128133962 (10-7-21)	Sample Received By:	Jodi Henson
Project Location:	NONE GIVEN		

Sample ID: MW - 2 @ 35' (H213004-02)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/27/2021	ND	2.06	103	2.00	3.63		
Toluene*	<0.050	0.050	10/27/2021	ND	1.96	98.1	2.00	3.49		
Ethylbenzene*	<0.050	0.050	10/27/2021	ND	1.96	97.8	2.00	3.95		
Total Xylenes*	<0.150	0.150	10/27/2021	ND	5.95	99.1	6.00	3.60		
Total BTEX	<0.300	0.300	10/27/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	640	16.0	10/26/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2021	ND	227	114	200	0.193		
DRO >C10-C28*	<10.0	10.0	10/27/2021	ND	217	108	200	0.933		
EXT DRO >C28-C36	<10.0	10.0	10/27/2021	ND						

Surrogate: 1-Chlorooctane 92.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 91.2 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/26/2021	Sampling Date:	10/25/2021
Reported:	10/28/2021	Sampling Type:	Soil
Project Name:	DCP - 10200 LINE	Sampling Condition:	Cool & Intact
Project Number:	NAPP2128133962 (10-7-21)	Sample Received By:	Jodi Henson
Project Location:	NONE GIVEN		

Sample ID: MW - 3 @ 35' (H213004-03)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/27/2021	ND	2.01	101	2.00	6.17	
Toluene*	<0.050	0.050	10/27/2021	ND	1.92	96.0	2.00	6.21	
Ethylbenzene*	<0.050	0.050	10/27/2021	ND	1.92	96.2	2.00	6.32	
Total Xylenes*	<0.150	0.150	10/27/2021	ND	5.89	98.1	6.00	6.16	
Total BTEX	<0.300	0.300	10/27/2021	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	10/26/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2021	ND	227	114	200	0.193	
DRO >C10-C28*	<10.0	10.0	10/27/2021	ND	217	108	200	0.933	
EXT DRO >C28-C36	<10.0	10.0	10/27/2021	ND					

Surrogate: 1-Chlorooctane 96.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 95.0 % 38.9-142

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/26/2021	Sampling Date:	10/25/2021
Reported:	10/28/2021	Sampling Type:	Soil
Project Name:	DCP - 10200 LINE	Sampling Condition:	Cool & Intact
Project Number:	NAPP2128133962 (10-7-21)	Sample Received By:	Jodi Henson
Project Location:	NONE GIVEN		

Sample ID: MW - 4 @ 35' (H213004-04)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/27/2021	ND	2.01	101	2.00	6.17		
Toluene*	<0.050	0.050	10/27/2021	ND	1.92	96.0	2.00	6.21		
Ethylbenzene*	<0.050	0.050	10/27/2021	ND	1.92	96.2	2.00	6.32		
Total Xylenes*	<0.150	0.150	10/27/2021	ND	5.89	98.1	6.00	6.16		
Total BTEX	<0.300	0.300	10/27/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	10/26/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2021	ND	227	114	200	0.193		
DRO >C10-C28*	<10.0	10.0	10/27/2021	ND	217	108	200	0.933		
EXT DRO >C28-C36	<10.0	10.0	10/27/2021	ND						

Surrogate: 1-Chlorooctane 96.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 95.4 % 38.9-142

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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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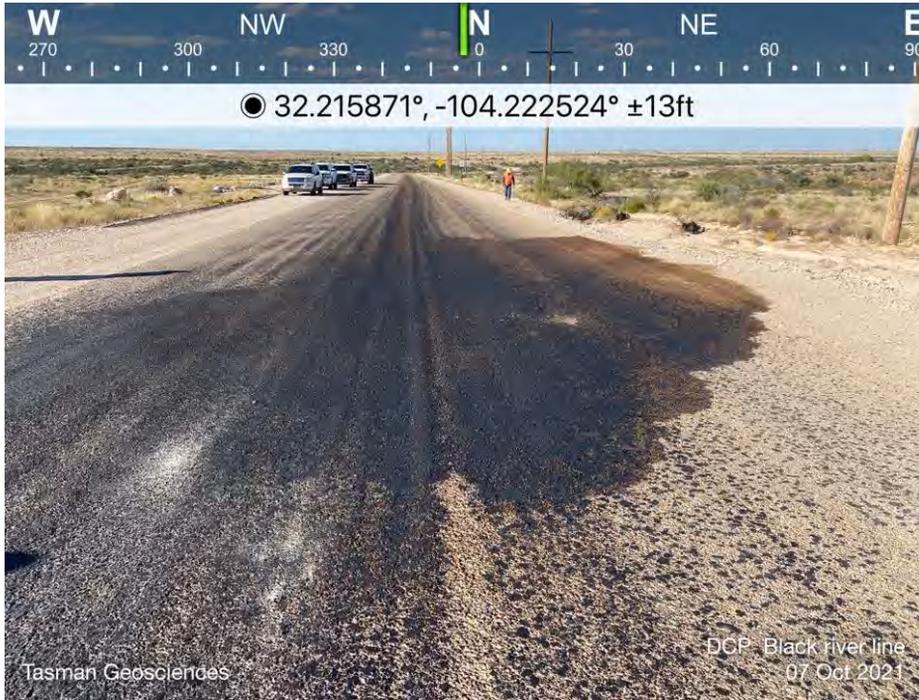
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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Appendix C
Photo Documentation

DCP Midstream
10200 Line (10.7.21)
nAPP2128133962



DCP Midstream
10200 Line (10.7.21)
nAPP2128133962



DCP Midstream
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DCP Midstream
10200 Line (10.7.21)
nAPP2128133962



DCP Midstream
10200 Line (10.7.21)
nAPP2128133962



Appendix D
Monitor Well
Boring Logs



Monitor Well Borehole Logging Form

Boring/Well ID #: MW-1		SITE NAME: 10200 Line Leak nAPP2128133962			CLIENT NAME: DCP Operating Company LP		
Date Started: 10/25/2021		Location: UL "I", Sec. 18, T24S, R27E					
Date Completed: 10/25/2021		TOC Elevation:			DTW: _____		
Type of Drill: Auger		Staff Scientist:					
Bit Size: 6"		Project Manager: Kyle Norman					
Drilling Company: HCI Drilling							
Depth (feet)	Sample Type	Field CL-	PID (ppm)	Laboratory Sample	USCS	Description	
Surface		0.01	0.0	—		Tan Sand	
5	Split Spoon	0.02	0.6	—		Gypsum / w Red Clay	
10	Split Spoon	0.05	0.4	—		Tan Sand	
15	Split Spoon	0.09	0.7	—		Gypsum Grey Clay / tan Sand	
20	split spoon	0.09	0.1	—		Red & Grey Clay w Tan Sand	
25	split spoon		0.0	—		↓ ↓ ↓	
30			0.0	—		Red Sandy Clay	
35	↓	0.15	0.0	—		Reddish Brown Clay Gypsum	
40							
45							
50							
55							
60							
65							
70							
75							
80							
85							
90							
95							
100							



Monitor Well Borehole Logging Form

Boring/Well ID #: MW-2		SITE NAME: 10200 Line Leak nAPP2128133962			CLIENT NAME: DCP Operating Company LP			
Date Started: 10/29/2021		Location: UL "I", Sec. 18, T24S, R27E						
Date Completed: 10/25/2021		TOC Elevation:			DTW: _____			
Type of Drill: Auger		Staff Scientist:						
Bit Size: 6"		Project Manager: Kyle Norman						
Drilling Company: HCI Drilling								
Depth (feet)	Sample Type	Field CL-	PID (ppm)	Laboratory Sample	USCS	Description		
Surface	Split Spoon ↓	0.02	0.0	—		Tan Sand		
5		0.02	0.3	—		Gypsum w Red Clay		
10		0.09	0.1	—		Gypsum w Red Clay		
15		0.09	0.0	—		↓	↓	↓
20		0.09	0.2	—				
25		0.12	0.0	—		Red Clay w Gypsum		
30		0.12	0.1	—		Red Clay/Brown Sand w Gypsum		
35	0.1	0.0	—		↓	↓	↓	
40								
45								
50								
55								
60								
65								
70								
75								
80								
85								
90								
95								
100								



Monitor Well Borehole Logging Form

Boring/Well ID #: MW-3		SITE NAME: 10200 Line Leak nAPP2128133962			CLIENT NAME: DCP Operating Company LP		
Date Started: 10/25/2021		Location: UL "I", Sec. 18, T24S, R27E					
Date Completed: 10/25/2021		TOC Elevation:			DTW:		
Type of Drill: Auger		Staff Scientist:					
Bit Size: 6"		Project Manager: Kyle Norman					
Drilling Company: HCI Drilling							
Depth (feet)	Sample Type	Field CL-	PID (ppm)	Laboratory Sample	USCS	Description	
Surface		0.02	0.3	—			
5	Split Spoon	0.02	0.1	—		Gypsum w Red Clay	
10	Air Rotary ↓	0.02	0.1	—		Gypsum	
15		0.02	0.4	—		↓ ↓	
20		0.02	0.0	—			
25		0.02	0.1	—			
30		0.02	0.4	—			
35		0.02	0.1	—			
40							
45							
50							
55							
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70							
75							
80							
85							
90							
95							
100							



Monitor Well Borehole Logging Form

Boring/Well ID #: MW-4		SITE NAME: 10200 Line Leak nAPP2128133962			CLIENT NAME: DCP Operating Company LP		
Date Started: 10/25/21		Location: UL "I", Sec. 18, T24S, R27E					
Date Completed: 10/25/21		TOC Elevation:			DTW: _____		
Type of Drill: Auger		Staff Scientist:					
Bit Size: 6"		Project Manager: <i>Kyle Norman</i>					
Drilling Company: HCI Drilling							
Depth (feet)	Sample Type	Field CL-	PID (ppm)	Laboratory Sample	USCS	Description	
Surface		0.02	1.1	—		Tan Sand	
5	<i>Split Spoon</i>	0.02	1.4	—		<i>Gypsum w Red Clay</i>	
10	<i>Air Rotary</i>	0.02	0.8	—		<i>Gypsum</i>	
15		0.02	1.3	—		↓ ↓	
20		0.09	1.4	—		↓ ↓	
25	<i>Split Spoon</i>	0.09	1.3	—		<i>Reddish Brown Sandy Clay w Gypsum</i>	
30		0.07	0.2	—		↓ ↓	
35		0.09	0.1	—		↓ ↓	
40							
45							
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65							
70							
75							
80							
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90							
95							
100							

Appendix E
Release Notification Site Assessment/Characterization (FORM
C-141)

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

State of New Mexico
Energy Minerals and Natural
Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

Incident ID	NAPP2128133962
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party DCP Midstream, LP	OGRID 36785
Contact Name Stephen W. Weathers	Contact Telephone 303-605-1718
Contact email sweathers@dcpmidstream.com	Incident # (assigned by OCD)
Contact mailing address 370 17th Street, Suite 2500, Denver, CO	80202

Location of Release Source

Latitude 32.215871 Longitude -104.222542
(NAD 83 in decimal degrees to 5 decimal places)

Site Name 10200 Line	Site Type 12" Steel Pipeline
Date Release Discovered	API# (if applicable)

Unit Letter	Section	Township	Range	County
I	18	24S	27E	Eddy

Surface Owner: State Federal Tribal Private (Name: Ogden Farms & Cattle Co)

Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input checked="" type="checkbox"/> Condensate	Volume Released (bbls) 20 bbls	Volume Recovered (bbls) 0
<input checked="" type="checkbox"/> Natural Gas	Volume Released (Mcf) 229	Volume Recovered (Mcf) 0
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release Natural gas condensate was discovered on Old Cavern Highway (748) and subsequently reported to DCP. Upon notification of the release on October 7, 2021, the District Manager for New Mexico Oil Conservation Division (NMOCD) was immediately contacted via phone within 1 hour of the discovery. Based on the location of the release, a leak from 10200 pipeline was the suspected source and therefore isolated and shutdown.

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2128133962
District RP	
Facility ID	
Application ID	

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

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.
Printed Name: <u>Kyle Norman</u> Title: <u>Regional Project Manager</u> Signature: <u><i>Kyle Norman</i></u> Date: <u>12/07/2021</u> email: <u>knorman@tasman-geo.com</u> Telephone: <u>575-318-5017</u>
<u>OCD Only</u> Received by: <u>Ramona Marcus</u> Date: <u>12/7/2021</u>

Incident ID	nAPP2128133962
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?	~28 (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within 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.

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	nAPP2128133962
District RP	
Facility ID	
Application ID	

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

Printed Name: Kyle Norman Title: Regional Project Manager

Signature: *Kyle Norman* Date: 12/07/2021

email: knorman@tasman-geo.com Telephone: 575-318-5017

OCD Only

Received by: Ramona Marcus Date: 12/07/2021

Appendix F
Closure Form (FORM C-141)

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

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

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

District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS
 Action 65288

CONDITIONS

Operator: DCP OPERATING COMPANY, LP 370 17th Street, Suite 2500 Denver, CO 80202	OGRID: 36785
	Action Number: 65288
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	None	1/19/2022