Form C-141
Page 6

State of New Mexico
Oil Conservation Division

Incident ID	NCE2025939679
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

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

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

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsiblity for compliance with any other federal, state or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Kyle Norman Title: Regional Project Manager

Signature: Kyle Norman Date: 7/16/2020

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

OCD Only

Received by: Cristina Eads Date: 09/15/2020

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment not does not relieve the responsible party of compliance with any other federal, state or local laws and/or regulations.

Signature: D E N I E D Date: 09/15/2020

July 16, 2020

Mike Bratcher
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division, District 1
1625 French Drive
Hobbs, NM 88240

Re: Closure Report
N-Line Leak 4
GPS: Latitude 32.734519 Longitude -103.76994
UL "F", Sec. 21, T18S, R32E
Lea County, NM
NMOCD Ref. No.

Tasman Geosciences (Tasman), on behalf of DCP Midstream (DCP), has prepared this *Closure Report* for the historical Release Site known as the **N-Line Leak 3.** Details of the release are summarized below:

RELEASE DETAILS			
Type of Release:	Natural Gas, Condensate	**Volume of Release:**	Unknown
		Volume Recovered:	Unknown
Source of Release:	Historical	**Date of Discovery:**	Not Applicable
Was Immediate Notice Given?	Not Required	**If, YES, to Whom?**	Not Applicable
Was a Watercourse Reached?	No	**If YES, Volume Impacting the Watercourse:**	N/A
Surface Owner:	BLM	**Mineral Owner:**	BLM
Describe Cause of Problem and Remedial Action Taken:			
Historical release assigned to environmental consultant for investigation and subsequent remediation.			

Site Characteristics Map is provided as Attachment #1. General Site Photographs are provided as Attachment #5. Remediation activities at the release site were completed within the 15 day time frame for reporting a minor release. A Copy of an Initial Release Notification and Corrective Action (NMOCD Form C-141) is provided as Attachment #7 to be in compliance with 19.15.29.10 NMAC.

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 New Mexico Oil Conservation Division (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 determines 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	**~275 ft**
Within 300 ft. of any continuously flowing or significant watercourse?	☐ Yes ☑ No
Within 200 ft. of any lakebed, sinkhole, or playa lake?	☐ Yes ☑ No
Within 300 ft. of an occupied permanent residence, school, hospital, or institution?	☐ Yes ☑ No
Within 500 ft. of a spring or private, domestic fresh water well?	☐ Yes ☑ No
Within 1,000 ft. of any fresh water well?	☐ Yes ☑ No
Within the incorporated municipal boundaries or within a municipal well field?	☐ Yes ☑ No
Within 300 ft. of a wetland?	☐ Yes ☑ No
Within the area overlying a subsurface mine?	☐ Yes ☑ No
Within an unstable area?	☐ Yes ☑ No
Within a 100-year floodplain?	☐ Yes ☑ No

A search of a groundwater database maintained by The New Mexico Office of the State Engineer (NMOSE) was conducted to determine the average depth to groundwater within a 1 Mile radius of the release site and identify any registered water wells within a 1/2 Mile of the release site. If none were identified, the approximate depth to groundwater was extrapolated from a Depth to Groundwater Map utilized by the NMOCD. Depth to groundwater information is provided as Attachment #3.

Based on the approximate depth to groundwater and site characteristics, the NMOCD Closure Criteria are as follows:

Table I
Closure Criteria for Soils Impacted by a Release

Minimum depth below any point within the horizontal boundary of the release to ground	Constituent	Method*	Limit**
> 100 ft	Chloride***	EPA 300.0	20,000 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	1,000 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg

SUMMARY OF FIELD ACTIVITIES

Impacted soil within the release margins was excavated and temporarily stockpiled on-site, atop an impermeable liner, pending final disposition. The floor and sidewalls of the excavated area were advanced until laboratory analytical results from confirmation soil samples indicated TPH concentrations were below the NMOCD Closure Criteria. Upon excavating impacted soil from within the release margins, seven (7) confirmation soil samples were collected from the floor and sidewalls of the excavated area representing no more than 200 SqFt. The collected soil samples were submitted to the laboratory for analysis of TPH and chloride concentration. Upon receiving laboratory analytical data showing samples were below NMOCD Closure Criteria, impacted soil was transported under manifest to a NMOCD-approved disposal facility and the excavated area was backfilled with locally sourced, non-impacted "like" material. A table summarizing laboratory analytical results from confirmation soil samples is provided below:

Concentrations of Benzene, BTEX, and/or TPH in Soil

Sample ID	Date	Depth	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 C-B
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C_6-C_{10} (mg/kg)	DRO C_{10}-C_{28} (mg/kg)	GRO + DRO C_6-C_{28} (mg/kg)	ORO C_{28}-C_{35} (mg/kg)	TPH C_6-C_{35} (mg/kg)	Chloride (mg/kg)
5pt. Comp. 1 Bottom @ 5.5'	5/13/2020	5.5'	In-Situ	<0.050	<0.300	<10.0	565	565	138	702.0	80.0
5pt. Comp. 2 Bottom @ 5.5'	5/13/2020	5.5'	In-Situ	<0.050	<0.300	<10.0	423	423	68.4	491.4	80.0
5pt. Bottom Comp. 3 @ 5'	5/11/2020	5'	In-Situ	<0.050	<0.300	<10.0	678	678	158	836	112
5pt. Bottom Comp. 4 @ 5'	5/11/2020	5'	In-Situ	<0.050	<0.300	<10.0	218	218	57.6	275.6	96.0
5pt. Wall Comp 1	5/11/2020	2.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
5pt. Wall Comp 2	5/11/2020	2.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
5pt. Wall Comp 3	5/11/2020	2.5'	In-Situ	<0.050	<0.300	<10.0	78.3	78.3	15.9	94.2	<16.0
Closure Criteria				**10**	**50**	**-**	**-**	**-**	**-**	**1,000**	**20,000**

SITE CLOSURE REQUEST

Based on laboratory analytical results from soil samples collected during the final site assessment, impacted soil within the release margins has been determined to be remediated below the Table I of 19.15.29.12 NMAC Closure Criteria for Soils Impacted by a Release. Tasman on behalf of DCP Midstream, respectfully requests the NMOCD grant closure approval for the historical release known as N-Line Leak 4.

RESTORATION, RECLAMATION AND RE-VEGETATION

Areas affected by the Release and associated remediation activities will be substantially restored to the condition which existed prior to the Release to the maximum extent practicable. Excavated areas will be backfilled with locally sourced, non-impacted "like" material. The affected area will be contoured and/or compacted to achieve erosion control, stability and preservation of surface water flow to the extent practicable. Affected areas not on production pads and/or lease roads will be reseeded with BLM #2 seed mixture during the first favorable growing season following closure of the site in accordance with the applicable regulatory agency.

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

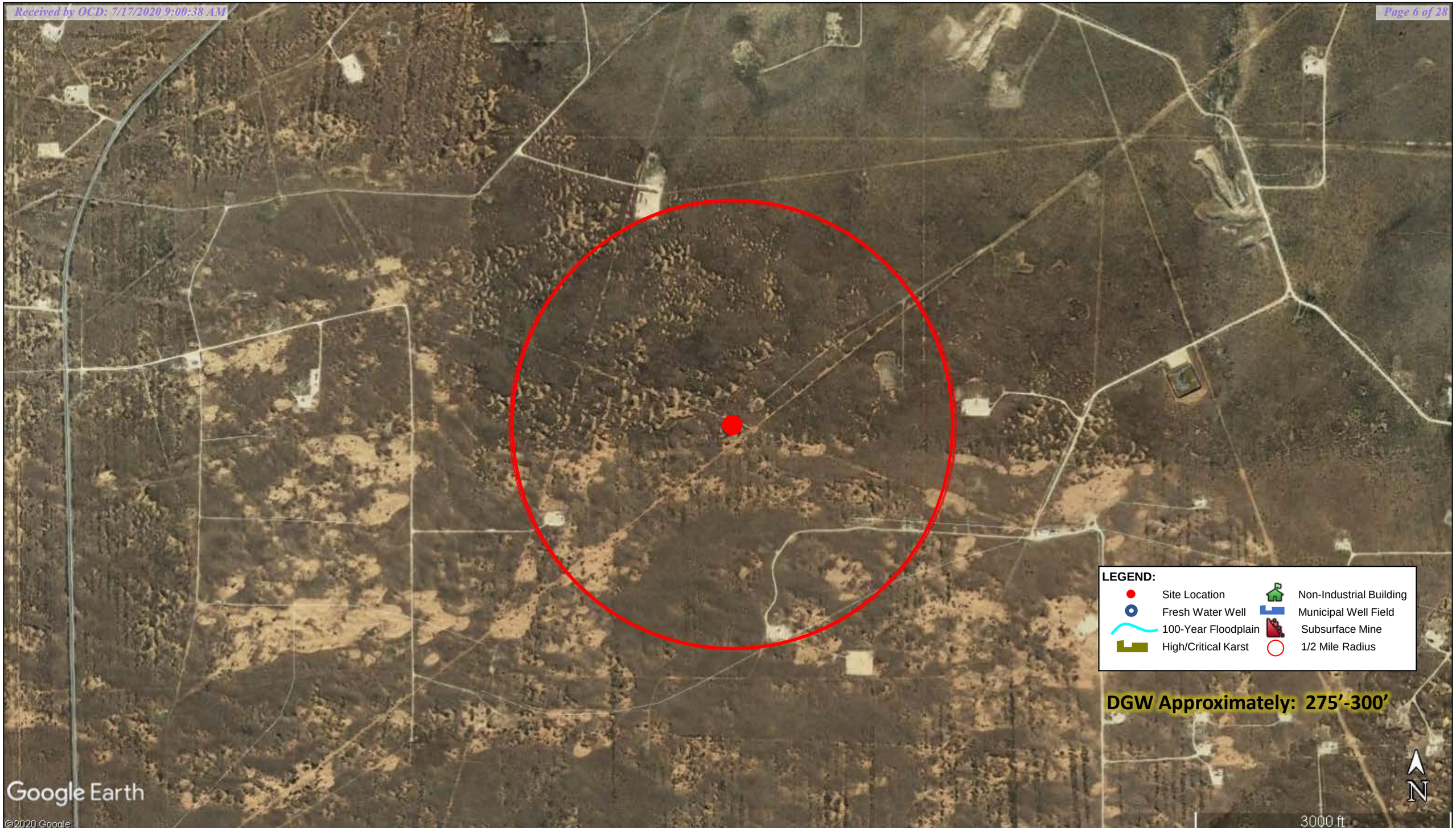
Respectfully,

Zachary Conder
Senior Project Manager
zconder@tasman-geo.com
(806) 724-5943

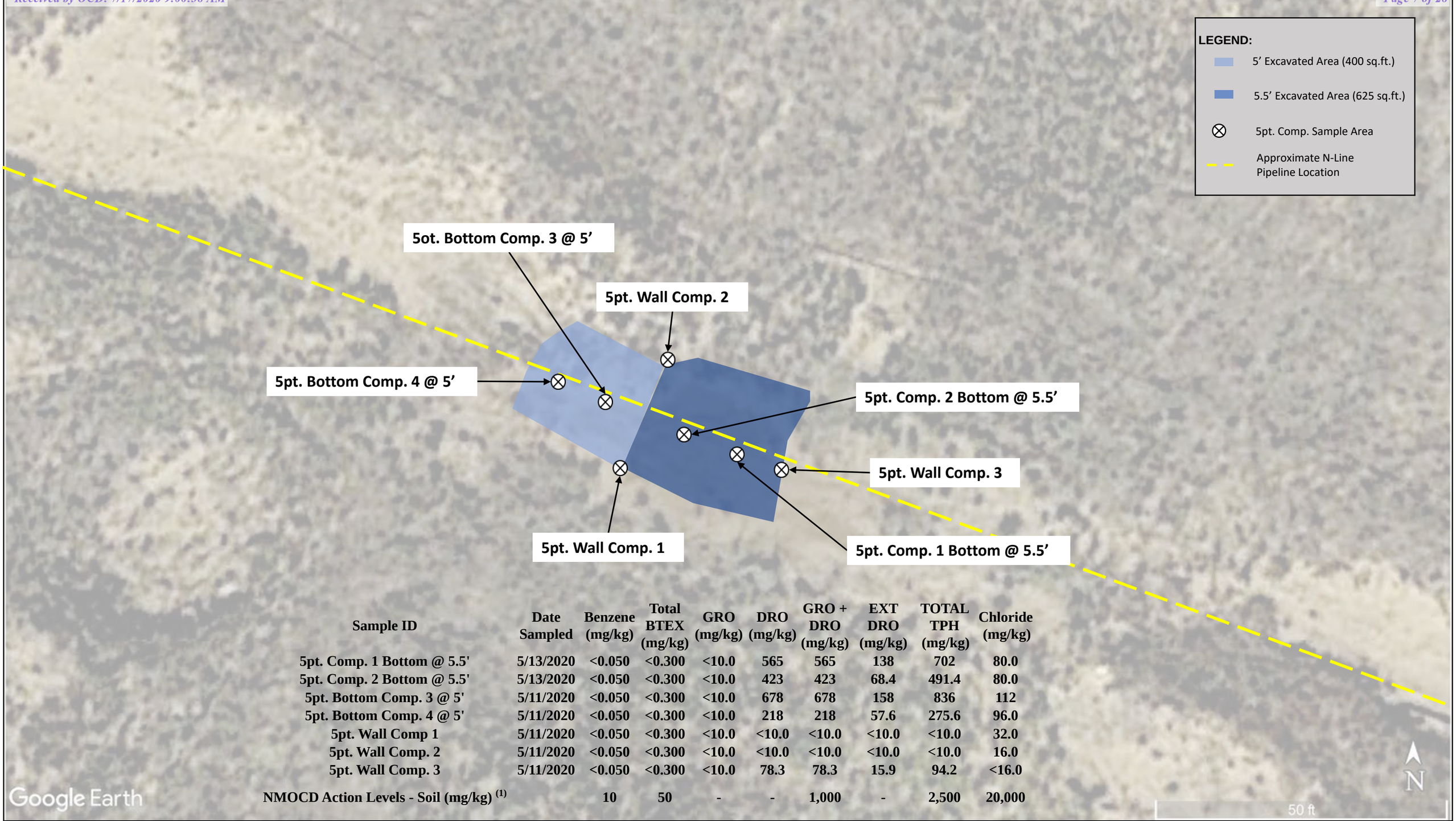
Kyle Norman
Regional Project Manager
knorman@tasman-geo.com
(575) 318-5017

Attachments:

Attachment #1-	Figure 1 - Site Characteristics Map
Attachment #2-	Figure 2 - Site Sample Location Map
Attachment #3-	Depth to Groundwater Information
Attachment #4-	Field Data
Attachment #5-	General Site Photographs
Attachment #6-	Laboratory Analytical Reports
Attachment #7-	Release Notification and Corrective Action (FORM C-141)



DATE: June 2020 DESIGNED BY : BC DRAWN BY: BC	TASMAN GEOSCIENCES ***Tasman Geosciences, Inc.*** ***2620 W. Marland Blvd.*** ***Hobbs, NM 88240***	**DCP Midstream** **N Line Leak #4 (3.3.2020)** GPS: 32.734159, -103.769942 UL "F", Section 21, Township 18 South, Range 32 East Lea County, New Mexico	Site Characteristics Map	**Figure 1**



Sample ID	Date Sampled	Benzene (mg/kg)	Total BTEX (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	GRO + DRO (mg/kg)	EXT DRO (mg/kg)	TOTAL TPH (mg/kg)	Chloride (mg/kg)
5pt. Comp. 1 Bottom @ 5.5'	5/13/2020	<0.050	<0.300	<10.0	565	565	138	702	80.0
5pt. Comp. 2 Bottom @ 5.5'	5/13/2020	<0.050	<0.300	<10.0	423	423	68.4	491.4	80.0
5pt. Bottom Comp. 3 @ 5'	5/11/2020	<0.050	<0.300	<10.0	678	678	158	836	112
5pt. Bottom Comp. 4 @ 5'	5/11/2020	<0.050	<0.300	<10.0	218	218	57.6	275.6	96.0
5pt. Wall Comp 1	5/11/2020	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
5pt. Wall Comp. 2	5/11/2020	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
5pt. Wall Comp. 3	5/11/2020	<0.050	<0.300	<10.0	78.3	78.3	15.9	94.2	<16.0
NMOCD Action Levels - Soil (mg/kg) [1]		10	50	-	-	1,000	-	2,500	20,000

DATE: May 2020

DESIGNED BY : BC

DRAWN BY: BC

TASMAN GEOSCIENCES

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

DCP Midstream
N Line Leak #4 (3.3.2020)
GPS: 32.734159, -103.769942
Lea County, New Mexico

Sample Location
Overview Map - Confirmation

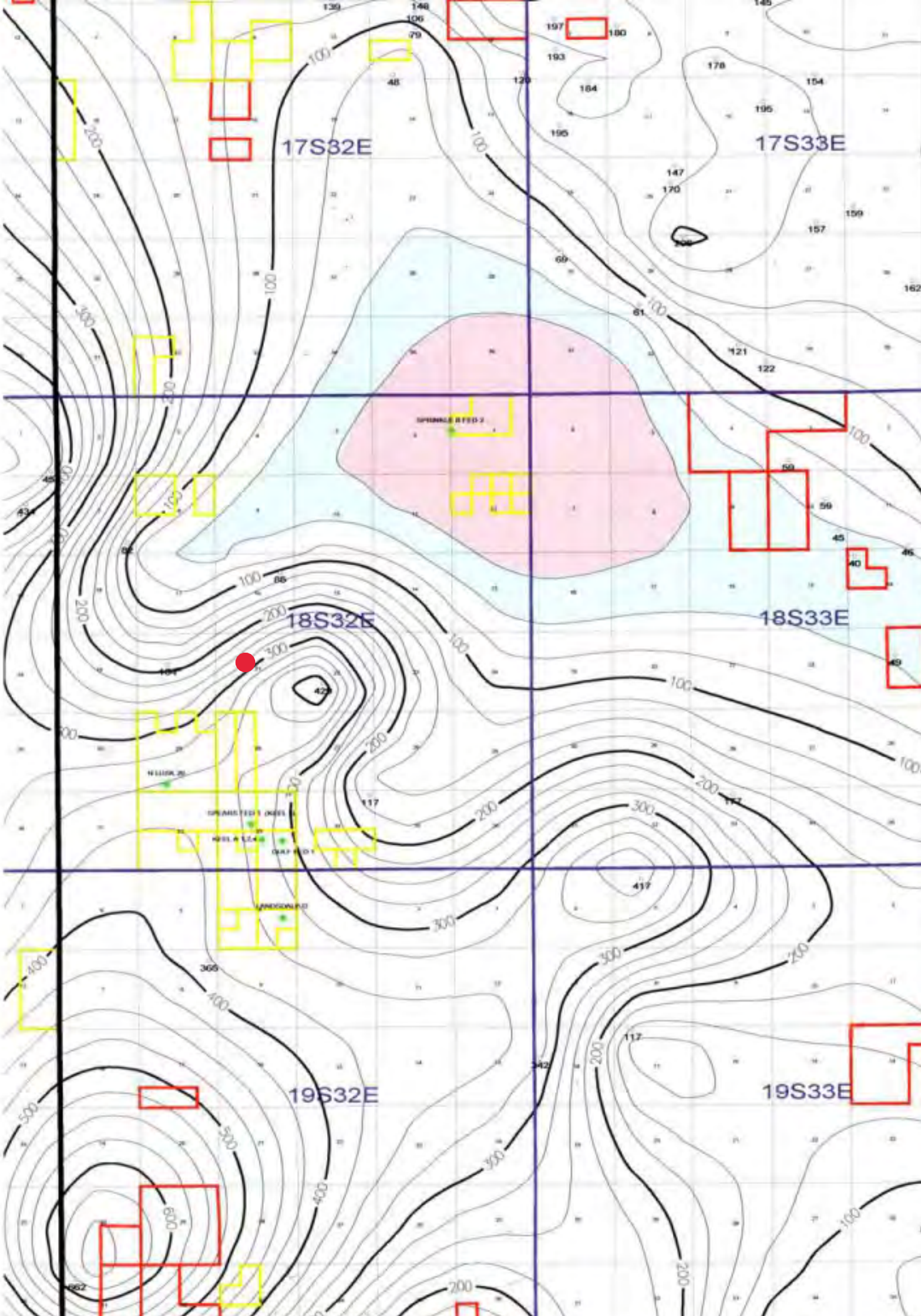
Figure 2

New Mexico Office of the State Engineer
Water Column/Average Depth to Water

No records found.

UTMNAD83 Radius Search (in meters):

Easting (X): 614908 **Northing (Y):** 3622605 **Radius:** 1610


17S32E
17S33E
18S32E
18S33E
19S32E
19S33E


NE
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30
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90
120
150
180
32.734245°, -103.770099° ±11ft
Excavation
Tasman Geosciences
DCP N-line leak 4
08 May 2020, 11:28:24


NE
E
SE
S
30
60
90
120
150
180
32.734297°, -103.770037° ±9ft
Excavation
Tasman Geosciences
DCP N-line leak 4
08 May 2020, 11:28:09

CARDINAL Laboratories

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

May 12, 2020

KYLE NORMAN

TASMAN GEOSCIENCES

6899 PECOS ST. UNIT C

DENVER, CO 80221

RE: DCP

Enclosed are the results of analyses for samples received by the laboratory on 05/11/20 16:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-19-12. 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 accreditated through the State of Colorado Department of Public Health and Environment for:

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	05/11/2020	Sampling Date:	05/11/2020
Reported:	05/12/2020	Sampling Type:	Soil
Project Name:	DCP	Sampling Condition:	Cool & Intact
Project Number:	N LINE LEAK 4	Sample Received By:	Kelly Jacobson
Project Location:	NONE GIVEN		

Sample ID: 5 PT BOTTOM COMP 1 @ 5' (H001298-01)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/11/2020	ND	2.03	102	2.00	5.11	
Toluene*	<0.050	0.050	05/11/2020	ND	2.00	99.9	2.00	6.15	
Ethylbenzene*	<0.050	0.050	05/11/2020	ND	2.01	101	2.00	6.06	
Total Xylenes*	<0.150	0.150	05/11/2020	ND	5.84	97.4	6.00	5.33	
Total BTEX	<0.300	0.300	05/11/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *73.3-129*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	05/12/2020	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/11/2020	ND	191	95.6	200	1.85	
DRO >C10-C28*	**1030**	10.0	05/11/2020	ND	188	94.0	200	2.48	
EXT DRO >C28-C36	**238**	10.0	05/11/2020	ND					

Surrogate: 1-Chlorooctane *70.4 %* *44.3-144*

Surrogate: 1-Chlorooctadecane *89.1 %* *42.2-156*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	05/11/2020	Sampling Date:	05/11/2020
Reported:	05/12/2020	Sampling Type:	Soil
Project Name:	DCP	Sampling Condition:	Cool & Intact
Project Number:	N LINE LEAK 4	Sample Received By:	Kelly Jacobson
Project Location:	NONE GIVEN		

Sample ID: 5 PT BOTTOM COMP 2 @ 5' (H001298-02)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/11/2020	ND	2.03	102	2.00	5.11	
Toluene*	<0.050	0.050	05/11/2020	ND	2.00	99.9	2.00	6.15	
Ethylbenzene*	<0.050	0.050	05/11/2020	ND	2.01	101	2.00	6.06	
Total Xylenes*	<0.150	0.150	05/11/2020	ND	5.84	97.4	6.00	5.33	
Total BTEX	<0.300	0.300	05/11/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID *123 %* *73.3-129*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	05/12/2020	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**18.6**	10.0	05/11/2020	ND	191	95.6	200	1.85	
DRO >C10-C28*	**1470**	10.0	05/11/2020	ND	188	94.0	200	2.48	
EXT DRO >C28-C36	**244**	10.0	05/11/2020	ND					

Surrogate: 1-Chlorooctane *85.7 %* *44.3-144*

Surrogate: 1-Chlorooctadecane *117 %* *42.2-156*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	05/11/2020	Sampling Date:	05/11/2020
Reported:	05/12/2020	Sampling Type:	Soil
Project Name:	DCP	Sampling Condition:	Cool & Intact
Project Number:	N LINE LEAK 4	Sample Received By:	Kelly Jacobson
Project Location:	NONE GIVEN		

Sample ID: 5 PT BOTTOM COMP 3 @ 5' (H001298-03)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/11/2020	ND	2.03	102	2.00	5.11	
Toluene*	<0.050	0.050	05/11/2020	ND	2.00	99.9	2.00	6.15	
Ethylbenzene*	<0.050	0.050	05/11/2020	ND	2.01	101	2.00	6.06	
Total Xylenes*	<0.150	0.150	05/11/2020	ND	5.84	97.4	6.00	5.33	
Total BTEX	<0.300	0.300	05/11/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *73.3-129*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	05/12/2020	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/11/2020	ND	191	95.6	200	1.85	
DRO >C10-C28*	**678**	10.0	05/11/2020	ND	188	94.0	200	2.48	
EXT DRO >C28-C36	**158**	10.0	05/11/2020	ND					

Surrogate: 1-Chlorooctane *85.5 %* *44.3-144*

Surrogate: 1-Chlorooctadecane *99.8 %* *42.2-156*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	05/11/2020	Sampling Date:	05/11/2020
Reported:	05/12/2020	Sampling Type:	Soil
Project Name:	DCP	Sampling Condition:	Cool & Intact
Project Number:	N LINE LEAK 4	Sample Received By:	Kelly Jacobson
Project Location:	NONE GIVEN		

Sample ID: 5 PT BOTTOM COMP 4 @ 5' (H001298-04)

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	05/11/2020	ND	2.03	102	2.00	5.11	
Toluene*	<0.050	0.050	05/11/2020	ND	2.00	99.9	2.00	6.15	
Ethylbenzene*	<0.050	0.050	05/11/2020	ND	2.01	101	2.00	6.06	
Total Xylenes*	<0.150	0.150	05/11/2020	ND	5.84	97.4	6.00	5.33	
Total BTEX	<0.300	0.300	05/11/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *73.3-129*

Chloride, SM4500Cl-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	05/12/2020	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/11/2020	ND	191	95.6	200	1.85	
DRO >C10-C28*	**218**	10.0	05/11/2020	ND	188	94.0	200	2.48	
EXT DRO >C28-C36	**57.6**	10.0	05/11/2020	ND					

Surrogate: 1-Chlorooctane *82.6 %* *44.3-144*

Surrogate: 1-Chlorooctadecane *83.4 %* *42.2-156*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	05/11/2020	Sampling Date:	05/11/2020
Reported:	05/12/2020	Sampling Type:	Soil
Project Name:	DCP	Sampling Condition:	Cool & Intact
Project Number:	N LINE LEAK 4	Sample Received By:	Kelly Jacobson
Project Location:	NONE GIVEN		

Sample ID: 5 PT WALL COMP 1 (H001298-05)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/11/2020	ND	2.03	102	2.00	5.11	
Toluene*	<0.050	0.050	05/11/2020	ND	2.00	99.9	2.00	6.15	
Ethylbenzene*	<0.050	0.050	05/11/2020	ND	2.01	101	2.00	6.06	
Total Xylenes*	<0.150	0.150	05/11/2020	ND	5.84	97.4	6.00	5.33	
Total BTEX	<0.300	0.300	05/11/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *73.3-129*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	05/12/2020	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/11/2020	ND	191	95.6	200	1.85	
DRO >C10-C28*	<10.0	10.0	05/11/2020	ND	188	94.0	200	2.48	
EXT DRO >C28-C36	<10.0	10.0	05/11/2020	ND					

Surrogate: 1-Chlorooctane *86.5 %* *44.3-144*

Surrogate: 1-Chlorooctadecane *85.6 %* *42.2-156*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	05/11/2020	Sampling Date:	05/11/2020
Reported:	05/12/2020	Sampling Type:	Soil
Project Name:	DCP	Sampling Condition:	Cool & Intact
Project Number:	N LINE LEAK 4	Sample Received By:	Kelly Jacobson
Project Location:	NONE GIVEN		

Sample ID: 5 PT WALL COMP 2 (H001298-06)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/11/2020	ND	2.03	102	2.00	5.11	
Toluene*	<0.050	0.050	05/11/2020	ND	2.00	99.9	2.00	6.15	
Ethylbenzene*	<0.050	0.050	05/11/2020	ND	2.01	101	2.00	6.06	
Total Xylenes*	<0.150	0.150	05/11/2020	ND	5.84	97.4	6.00	5.33	
Total BTEX	<0.300	0.300	05/11/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *73.3-129*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	05/12/2020	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/11/2020	ND	191	95.6	200	1.85	
DRO >C10-C28*	<10.0	10.0	05/11/2020	ND	188	94.0	200	2.48	
EXT DRO >C28-C36	<10.0	10.0	05/11/2020	ND					

Surrogate: 1-Chlorooctane *87.8 %* *44.3-144*

Surrogate: 1-Chlorooctadecane *87.2 %* *42.2-156*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	05/11/2020	Sampling Date:	05/11/2020
Reported:	05/12/2020	Sampling Type:	Soil
Project Name:	DCP	Sampling Condition:	Cool & Intact
Project Number:	N LINE LEAK 4	Sample Received By:	Kelly Jacobson
Project Location:	NONE GIVEN		

Sample ID: 5 PT WALL COMP 3 (H001298-07)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/11/2020	ND	2.03	102	2.00	5.11	
Toluene*	<0.050	0.050	05/11/2020	ND	2.00	99.9	2.00	6.15	
Ethylbenzene*	<0.050	0.050	05/11/2020	ND	2.01	101	2.00	6.06	
Total Xylenes*	<0.150	0.150	05/11/2020	ND	5.84	97.4	6.00	5.33	
Total BTEX	<0.300	0.300	05/11/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *73.3-129*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/12/2020	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/11/2020	ND	191	95.6	200	1.85	
DRO >C10-C28*	**78.3**	10.0	05/11/2020	ND	188	94.0	200	2.48	
EXT DRO >C28-C36	**15.9**	10.0	05/11/2020	ND					

Surrogate: 1-Chlorooctane *87.0 %* *44.3-144*

Surrogate: 1-Chlorooctadecane *96.2 %* *42.2-156*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

Rush!

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Tasman Geosciences	**BILL TO**
Project Manager: Kyle Norman	P.O. #:
Address: 2620 W. Marland Blvd.	Company: Tasman Geo
City: Hobbs State: NM Zip: 88240	Attn: Kyle Norman
Phone #: 575-318-5017 Fax #:	Address: 2620 W. Marland
Project #: Project Owner: DCP Midstream	City: Hobbs
Project Name:	State: NM Zip: 88240
Project Location: DCP N Line leak 4	Phone #: 575-318-5017
Sampler Name: Kyle Schmidt	Fax #:

FOR LAB USE ONLY				MATRIX							PRESERV.			SAMPLING		ANALYSIS REQUEST										
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chlorides	TPH 8015 M	BTEX	Texas TPH	Complete Cations/Anions	TDS						
H001298																										
1	5pt Bottom Comp1@5'	C	1			X					X		5-11-20		X	X	X									
2	5pt Bottom Comp2@5'	C	1			X					X				X	X	X									
3	5pt Bottom Comp3@5'	C	1			X					X				X	X	X									
4	5pt Bottom Comp4@5'	C	1			X					X				X	X	X									
5	5pt Wall Comp1	C	1			X					X				X	X	X									
6	5pt Wall Comp2	C	1			X					X				X	X	X									
7	5pt Wall Comp3	C	1			X					X				X	X	X									

Relinquished By:	Date: 5-11-20	Received By:	
	Time: 1625		
Relinquished By:	Date:	Received By:	
	Time:		
Delivered By: (Circle One) 6.0°C	Sample Condition Cool: ☑ Yes ☐ No Intact: ☑ Yes ☐ No	CHECKED BY: (Initials)	
Sampler - UPS - Bus - Other: #113			

Phone Result: ☐ Yes ☑ No Add'l Phone #:
Fax Result: ☐ Yes ☑ No Add'l Fax #:
REMARKS: Rush!
email results: knorman@tasman-geo.com;
hconder@tasman-geo.com: bcooper@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

CARDINAL Laboratories

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

May 14, 2020

KYLE NORMAN

TASMAN GEOSCIENCES

6899 PECOS ST. UNIT C

DENVER, CO 80221

RE: DCP

Enclosed are the results of analyses for samples received by the laboratory on 05/13/20 13:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-19-12. 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 accreditated through the State of Colorado Department of Public Health and Environment for:

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	05/13/2020	Sampling Date:	05/13/2020
Reported:	05/14/2020	Sampling Type:	Soil
Project Name:	DCP	Sampling Condition:	Cool & Intact
Project Number:	N LINE LEAK 4	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: 5 PT. COMP 1 BOTTOM @ 5.5' (H001322-01)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2020	ND	1.99	99.7	2.00	2.11	
Toluene*	<0.050	0.050	05/13/2020	ND	2.03	102	2.00	2.14	
Ethylbenzene*	<0.050	0.050	05/13/2020	ND	2.09	104	2.00	2.24	
Total Xylenes*	<0.150	0.150	05/13/2020	ND	6.10	102	6.00	1.97	
Total BTEX	<0.300	0.300	05/13/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *73.3-129*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	05/14/2020	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2020	ND	209	105	200	1.29	
DRO >C10-C28*	**565**	10.0	05/13/2020	ND	214	107	200	3.94	
EXT DRO >C28-C36	**138**	10.0	05/13/2020	ND					

Surrogate: 1-Chlorooctane *81.8 %* *44.3-144*

Surrogate: 1-Chlorooctadecane *87.2 %* *42.2-156*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	05/13/2020	Sampling Date:	05/13/2020
Reported:	05/14/2020	Sampling Type:	Soil
Project Name:	DCP	Sampling Condition:	Cool & Intact
Project Number:	N LINE LEAK 4	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: 5 PT. COMP 2 BOTTOM @ 5.5' (H001322-02)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2020	ND	1.99	99.7	2.00	2.11	
Toluene*	<0.050	0.050	05/13/2020	ND	2.03	102	2.00	2.14	
Ethylbenzene*	<0.050	0.050	05/13/2020	ND	2.09	104	2.00	2.24	
Total Xylenes*	<0.150	0.150	05/13/2020	ND	6.10	102	6.00	1.97	
Total BTEX	<0.300	0.300	05/13/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *73.3-129*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	05/14/2020	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2020	ND	209	105	200	1.29	
DRO >C10-C28*	**423**	10.0	05/13/2020	ND	214	107	200	3.94	
EXT DRO >C28-C36	**68.4**	10.0	05/13/2020	ND					

Surrogate: 1-Chlorooctane *80.3 %* *44.3-144*

Surrogate: 1-Chlorooctadecane *85.0 %* *42.2-156*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

Rush

CARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Tasman Geosciences	**BILL TO**
Project Manager: Kyle Norman	P.O. #:
Address: 2620 W. Marland Blvd.	Company: Tasman Geo
City: Hobbs State: NM Zip: 88240	Attn: Kyle Norman
Phone #: 575-318-5017 Fax #:	Address: 2620 W. Marland
Project #: Project Owner: DCP Midstream	City: Hobbs
Project Name:	State: NM Zip: 88240
Project Location: N - line leak 4	Phone #: 575-318-5017
Sampler Name: Kyle Schnaidt	Fax #:

FOR LAB USE ONLY				MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST										
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chlorides	TPH 8015 M	BTEX	Texas TPH	Complete Cations/Anions	TDS					
H001322																									
1	5pt Comp 1 Bottom @ 5.5'	C	1			X					X		5-13-20		X	X	X								
2	5pt Comp 2 Bottom @ 5.5'	C	1			X					X		5-13-20		X	X	X								

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

Relinquished By:	Date: 5-13-20	Received By:	
	Time: 1340		
Relinquished By:	Date:	Received By:	
	Time:		
Delivered By: (Circle One) Sampler - UPS - Bus - Other: #113 3.6c	Sample Condition Cool: Yes / No Intact: Yes / No	CHECKED BY: (Initials)	

Phone Result:	☐ Yes	☑ No	Add'l Phone #:
Fax Result:	☐ Yes	☑ No	Add'l Fax #:

REMARKS: Rush

email results: knorman@tasman-geo.com; hconder@tasman-geo.com: bcooper@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

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

REJECTED

State of New Mexico
Energy Minerals and Natural Resources Department

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

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

Incident ID	NCE2025939679
District RP	
Facility ID	
Application ID	

1. ULSTR and GPS Coordinates do not match
2. Need OGRID number
3. Cause of release not given.

Release Notification

Responsible Party

Responsibly Party	DCP Midstream, LP	OGRID	
Contact Name	Stephen W. Weathers	Contact Telephone	(303) 605-1718
Contact Email	SWWeathers@dcpmidstream.com	Incident # *(assigned by OCD)*	
Contact Mailing Address	370 17th Street, Suite 2500, Denver, CO 80202		

Location of Release Source

Latitude 32.734159 Longitude -103.769942

(Nad 83 in decimal degrees to 5 decimal places)

Site Name	N-Line Leak 4	Site Type	Historical
Date Release Discovered	Not Applicable	API # *(if applicable)*	

Unit Letter	Section	Township	Range	County
P	14	23S	36E	Lea County, NM

Surface Owner: ☐ State ☑ Federal ☐ Tribal ☐ Private *(Name:* _____)

Nature and Volume of Release

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

☐ Crude Oil	Volume Released (bbls) 0	Volume Recovered (bbls) 0
☐ Produced Water	Volume Released (bbls) 0	Volume Recovered (bbls) 0
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	☐ Yes ☐ No ☑ NA
☑ Condensate	Volume Released (bbls) Unknown	Volume Recovered (bbls) Unknown
☑ Natural Gas	Volume Released (Mcf) Unknown	Volume Recovered (Mcf) Unknown
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Released (provide units)

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

Incident ID	NCE2025939679
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible party consider this a major release?
☐ Yes ☑ No	

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 immediatedly unless they could create a safety hazard that would result in injury

- ☑ The source of the release has been stopped.
- ☑ The impacted area has been secured to protect human health and the environment.
- ☑ Release materials have been contained via the use of berms or dikes, absorbent pads, or other containmer
- ☑ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

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

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

Printed Name: Kyle Norman Title: Regional Project Manager

Signature: Kyle Norma Date:

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

OCD Only

Received by: Cristina Eads Date: 09/15/2020