



December 2, 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
MG-6-2 Line (9/28/21)
GPS: Latitude 32.568505 Longitude -104.121708
UL "M", Sec. 18, T20S, R29E
Eddy County, New Mexico
NMOCD Ref. No. nAPP2127753495

Tasman Geosciences, Inc. (Tasman), on behalf of DCP Midstream, LP (DCP), has prepared this Remediation Summary and Closure Report for the natural gas Release Site known as the MG-6-2 Line (9.28.21). Details of the release are summarized below:

RELEASE DETAILS			
Type of Release:	Natural Gas, Condensate	Volume of Release: 75 bbls	
		Volume Recovered: 65 bbls	
Source of Release:	8" Poly Gas Pipeline	Date of Release:	Date of Discovery: 9/28/21
Was Immediate Notice Given?	No	If, YES, to Whom?	N/A
Was a Watercourse Reached?	No	If YES, Volume Impacting the Watercourse:	N/A
Surface Owner:	BLM	Mineral Owner:	N/A
Describe Cause of Problem and Remedial Action Taken:			

A company installing a pipeline struck the existing DCP poly pipeline resulting in a release of 75 bbls of natural gas condensate. A vacuum truck was called to location and recovered 65 bbls of condensate. A Notification of Release was submitted on October 4, 2021. The MG-6-2 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.

Based on visual observations of the release, It was estimated that the volume of natural gas and condensate (hydrocarbon liquids) released was approximately 75 barrels (bbls), respectively with 65 barrels (bbls) recovered via a vacuum truck. DCP submitted a release notification (Form C-141) on October 4, 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		~ 100 feet
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Within 300 ft. of any continuously flowing or significant watercourse?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Within 200 ft. of any lakebed, sinkhole, or playa lake?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Within 300 ft. of an occupied permanent residence, school, hospital, or institution?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Within 500 ft. of a spring or private, domestic fresh water well?	<input 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 checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
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

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 100 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			Closure
Criteria for Soils Impacted by a Release			
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 5 to October 21, 2021, Tasman personnel performed remediation and delineation activities of the MG-6-2 line leak once exposed. 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 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 21, 2021, Tasman collected 5-point composite soil samples from the bottom (7 bottom samples) and sidewalls (14 sidewall samples) of the excavation and submitted the samples 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 624 cubic yards of impacted soil was excavated and properly disposed of off-site. Between October 19 and October 21, 2021, Tasman backfilled the excavation with appropriate fill material to grade, and restored Right-of-Way.

Concentrations of BTEX, TPH and Chloride in Soil from Excavation												
Sample ID	Date	Depth	PID Reading (ppm)	Soil Status	SW 846 8015B		SW 846 8015M Ext.					E 300
					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)	DRO EXT C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
10/21/2021 Excavation Extent Samples												
Pt. 1 Bottom @ 14'	10/9/2021	14'	24.7	In-Situ	<0.050	<0.300	<10.0	57.2	57.2	<10.0	57.2	192
Pt. 2 Bottom @ 14'	10/9/2021	14'	2.1	In-Situ	<0.050	<0.300	<10.0	16.6	16.6	<10.0	16.6	272
Pt. 3 Bottom @ 14'	10/9/2021	14'	11.8	In-Situ	<0.050	<0.300	<10.0	33.1	33.1	<10.0	33.1	240
Pt. 4 Bottom @ 14'	10/9/2021	14'	6.4	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	560
Pt. 5 Bottom @ 14'	10/9/2021	14'	0.7	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	368
Pt. 6 Bottom @ 14'	10/9/2021	14'	0.6	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
Pt. 7 Bottom @ 14'	10/9/2021	14'	0.6	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
Pt. 1 East Wall	10/9/2021	-	40.8	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
Pt. 2 East Wall	10/9/2021	-	6.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
Pt. 3 East Wall	10/9/2021	-	42.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
Pt. 4 East Wall	10/9/2021	-	43.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
Pt. 5 East Wall	10/9/2021	-	65.8	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
Pt. 6 East Wall	10/9/2021	-	91.7	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
Pt. 7 East Wall	10/9/2021	-	24.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384
Pt. 1 West Wall	10/20/2021	-	30.9	In-Situ	<0.050	<0.300	<10.0	21.4	21.4	<10.0	21.4	64
Pt. 2 West Wall	10/20/2021	-	49.7	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
Pt. 3 West Wall	10/20/2021	-	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
Pt. 4 West Wall	10/20/2021	-	15.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
Pt. 5 West Wall	10/20/2021	-	14.8	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
Pt. 6 West Wall	10/20/2021	-	8.4	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
Pt. 7 West Wall	10/20/2021	-	4.6	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
NMOCD Closure Criteria					10	50	-	-	-	-	100	600
Notes:												
1) Soil closure criteria based on NMOCD Guidelines Title 19 Chapter 15 Part 29.												
2) TPH calculated by adding GRO, DRO and GRO EXT concentrations.												
Bold - Indicates constituent concentration above respective NMOCD - NMAC Closure Criteria.												
GRO - Gasoline range organics DRO - Diesel range organics												
mg/kg - Milligrams per kilogram bgs - Below ground surface												
NA - Not available TPH - Total volatile and extractable petroleum hydrocarbons												

SUMMARY OF FIELD ACTIVITIES

As described in the site delineation section of this report, on October 5, 2021, DCP and Tasman personnel were dispatched to the release location to assess the extent and condition of the condensate release. The remediation and delineation activities were initiated. Between October 7 and 21, 2021, Tasman performed excavation and soil confirmation sampling to depths of 14 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 summary of the laboratory analytical results for the excavation bottom and sidewall soil confirmation samples 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 depth throughout the excavation are presented on 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 November 2, 2021, the excavation was backfilled and compacted to grade. 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 E.

RESTORATION, RECLAMATION AND RE-VEGETATION

On November 2, 2021, the excavation was 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.

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 Nicholas Case or the undersigned by phone or email.

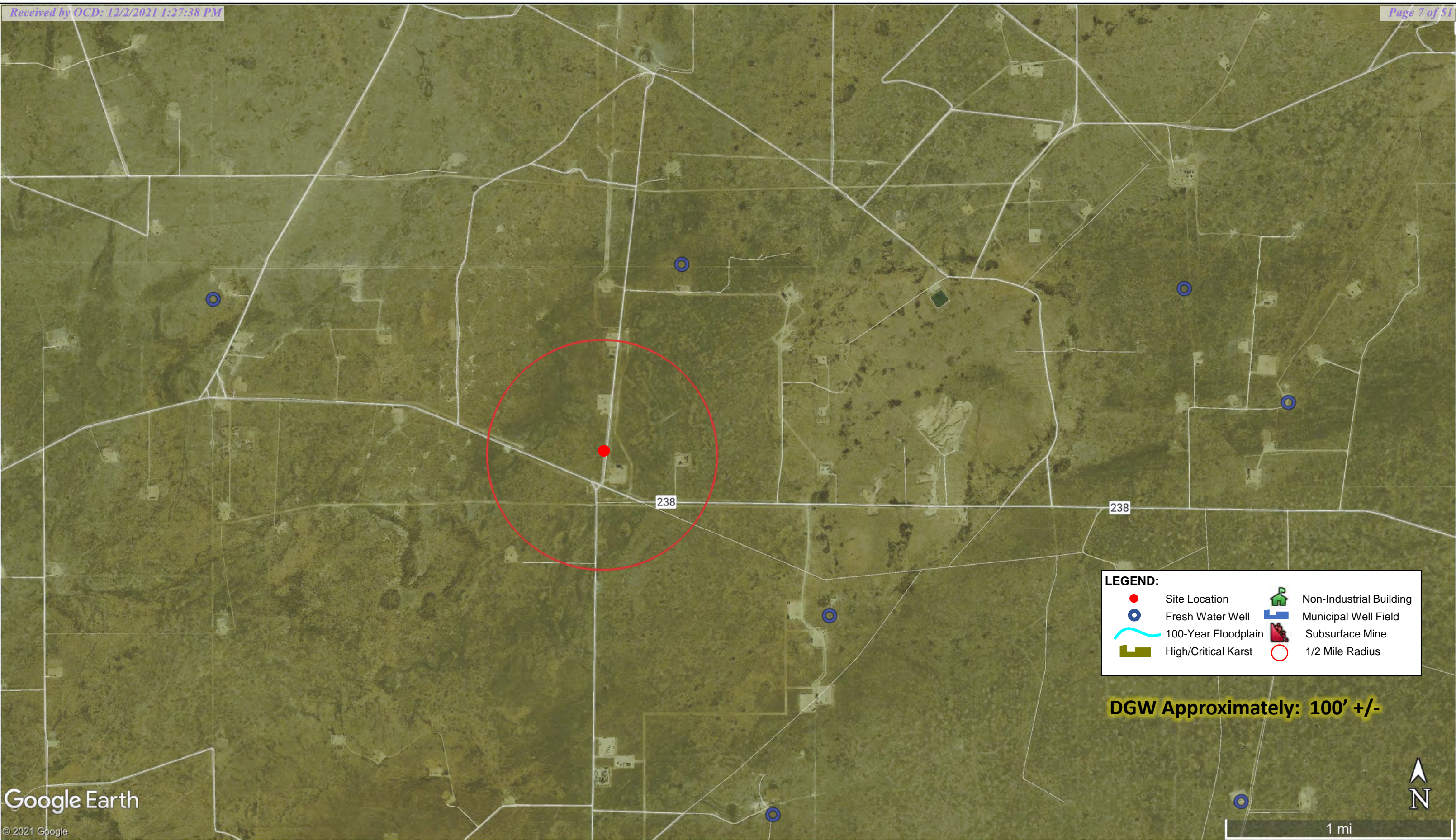
Respectfully,

knorman@tasman-geo.com

(575) 318-5017

Attachments:	Figure 1:	Site Characteristics Map
	Figure 2:	Soil Confirmation Sample Location Map
	Appendix A:	Depth to Groundwater Information
	Appendix B:	Laboratory Analytical Reports
	Appendix C:	Photo Documentation
	Appendix D:	Release Notification Site Assessment/Characterization (FORM C-141)
	Appendix E:	Closure Form (FORM C-141)

Figures



DATE: October 2021
DESIGNED BY : KN
DRAWN BY: KN

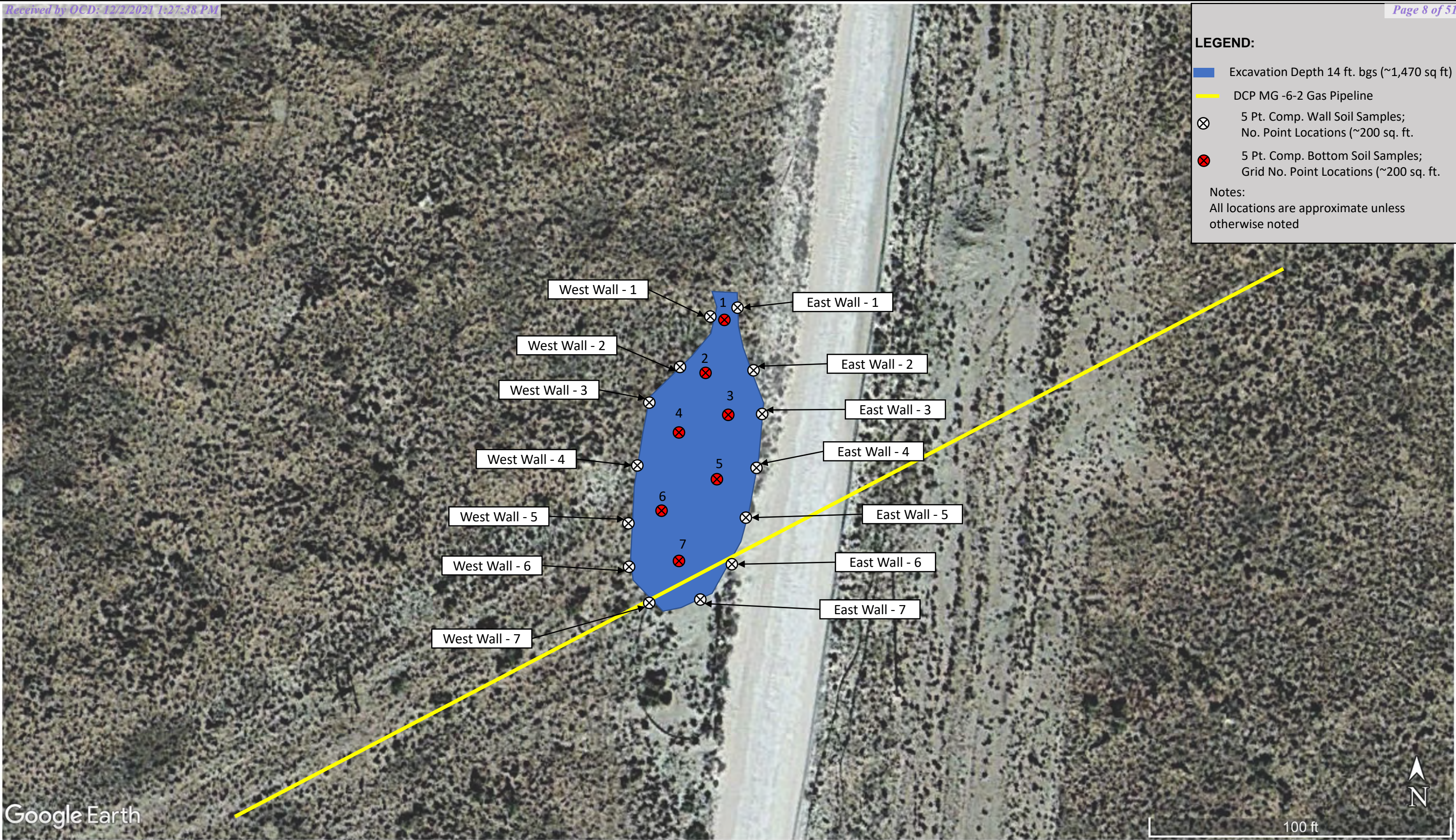


*Tasman Geosciences, Inc.
2620 W. Marland Blvd.
Hobbs, NM 88240*

DCP Midstream MG-6-2 Line Leak (9.28.2021) nAPP2127753495 GPS: 32.568505, -104.121708 UL "M", Section 18, Township 20 South, Range 29 East Eddy County, New Mexico
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Site Characteristics Map

Figure 1



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
CP 01201 POD1	CP	ED		2	2	1	18	20S	29E	582983	3605121	1461	140	100	40

Average Depth to Water: **100 feet**

Minimum Depth: **100 feet**

Maximum Depth: **100 feet**

Record Count: 1

UTMNA83 Radius Search (in meters):

Easting (X): 582426

Northing (Y): 3603770

Radius: 1700

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.

10/5/21 6:50 AM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER

Appendix B

Laboratory Analytical Reports



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

October 27, 2021

KYLE NORMAN

TASMAN GEOSCIENCES

6899 PECOS ST. UNIT C

DENVER, CO 80221

RE: DCP - MG - 6 - 2 LINE

Enclosed are the results of analyses for samples received by the laboratory on 10/22/21 15:15.

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/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/22/2021
 Reported: 10/27/2021
 Project Name: DCP - MG - 6 - 2 LINE
 Project Number: (9/28/21) NAPP2127753495
 Project Location: NONE GIVEN

Sampling Date: 10/21/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 5 PT. COMP. PT 1 BOTTOM @ 14' (H212987-01)

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	10/25/2021	ND	2.02	101	2.00	4.76	
Toluene*	<0.050	0.050	10/25/2021	ND	2.01	100	2.00	2.87	
Ethylbenzene*	<0.050	0.050	10/25/2021	ND	2.04	102	2.00	3.07	
Total Xylenes*	<0.150	0.150	10/25/2021	ND	6.05	101	6.00	3.40	
Total BTEX	<0.300	0.300	10/25/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 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	192	16.0	10/25/2021	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	10/25/2021	ND	223	112	200	0.225	
DRO >C10-C28*	57.2	10.0	10/25/2021	ND	217	108	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/25/2021	ND					

Surrogate: 1-Chlorooctane 80.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 81.2 % 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: 10/22/2021
 Reported: 10/27/2021
 Project Name: DCP - MG - 6 - 2 LINE
 Project Number: (9/28/21) NAPP2127753495
 Project Location: NONE GIVEN

Sampling Date: 10/21/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 5 PT. COMP. PT 2 BOTTOM @ 14' (H212987-02)

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	10/25/2021	ND	2.02	101	2.00	4.76		
Toluene*	<0.050	0.050	10/25/2021	ND	2.01	100	2.00	2.87		
Ethylbenzene*	<0.050	0.050	10/25/2021	ND	2.04	102	2.00	3.07		
Total Xylenes*	<0.150	0.150	10/25/2021	ND	6.05	101	6.00	3.40		
Total BTEX	<0.300	0.300	10/25/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	272	16.0	10/25/2021	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	10/25/2021	ND	223	112	200	0.225	
DRO >C10-C28*	16.6	10.0	10/25/2021	ND	217	108	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/25/2021	ND					

Surrogate: 1-Chlorooctane 75.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 73.5 % 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: 10/22/2021
 Reported: 10/27/2021
 Project Name: DCP - MG - 6 - 2 LINE
 Project Number: (9/28/21) NAPP2127753495
 Project Location: NONE GIVEN

Sampling Date: 10/21/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 5 PT. COMP. PT 3 BOTTOM @ 14' (H212987-03)

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	10/25/2021	ND	2.02	101	2.00	4.76	
Toluene*	<0.050	0.050	10/25/2021	ND	2.01	100	2.00	2.87	
Ethylbenzene*	<0.050	0.050	10/25/2021	ND	2.04	102	2.00	3.07	
Total Xylenes*	<0.150	0.150	10/25/2021	ND	6.05	101	6.00	3.40	
Total BTEX	<0.300	0.300	10/25/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 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	10/25/2021	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	10/25/2021	ND	223	112	200	0.225	
DRO >C10-C28*	33.1	10.0	10/25/2021	ND	217	108	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/25/2021	ND					

Surrogate: 1-Chlorooctane 82.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 82.7 % 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: 10/22/2021
 Reported: 10/27/2021
 Project Name: DCP - MG - 6 - 2 LINE
 Project Number: (9/28/21) NAPP2127753495
 Project Location: NONE GIVEN

Sampling Date: 10/21/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 5 PT. COMP. PT 4 BOTTOM @ 14' (H212987-04)

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	10/25/2021	ND	2.02	101	2.00	4.76	
Toluene*	<0.050	0.050	10/25/2021	ND	2.01	100	2.00	2.87	
Ethylbenzene*	<0.050	0.050	10/25/2021	ND	2.04	102	2.00	3.07	
Total Xylenes*	<0.150	0.150	10/25/2021	ND	6.05	101	6.00	3.40	
Total BTEX	<0.300	0.300	10/25/2021	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	560	16.0	10/25/2021	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	10/25/2021	ND	223	112	200	0.225	
DRO >C10-C28*	<10.0	10.0	10/25/2021	ND	217	108	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/25/2021	ND					

Surrogate: 1-Chlorooctane 82.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 80.0 % 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: 10/22/2021
 Reported: 10/27/2021
 Project Name: DCP - MG - 6 - 2 LINE
 Project Number: (9/28/21) NAPP2127753495
 Project Location: NONE GIVEN

Sampling Date: 10/21/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 5 PT. COMP. PT 5 BOTTOM @ 14' (H212987-05)

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	10/25/2021	ND	2.02	101	2.00	4.76	
Toluene*	<0.050	0.050	10/25/2021	ND	2.01	100	2.00	2.87	
Ethylbenzene*	<0.050	0.050	10/25/2021	ND	2.04	102	2.00	3.07	
Total Xylenes*	<0.150	0.150	10/25/2021	ND	6.05	101	6.00	3.40	
Total BTEX	<0.300	0.300	10/25/2021	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	368	16.0	10/25/2021	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	10/25/2021	ND	223	112	200	0.225	
DRO >C10-C28*	<10.0	10.0	10/25/2021	ND	217	108	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/25/2021	ND					

Surrogate: 1-Chlorooctane 84.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 82.8 % 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: 10/22/2021
 Reported: 10/27/2021
 Project Name: DCP - MG - 6 - 2 LINE
 Project Number: (9/28/21) NAPP2127753495
 Project Location: NONE GIVEN

Sampling Date: 10/21/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 5 PT. COMP. PT 6 BOTTOM @ 14' (H212987-06)

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	10/25/2021	ND	2.02	101	2.00	4.76		
Toluene*	<0.050	0.050	10/25/2021	ND	2.01	100	2.00	2.87		
Ethylbenzene*	<0.050	0.050	10/25/2021	ND	2.04	102	2.00	3.07		
Total Xylenes*	<0.150	0.150	10/25/2021	ND	6.05	101	6.00	3.40		
Total BTEX	<0.300	0.300	10/25/2021	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	256	16.0	10/25/2021	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	10/25/2021	ND	223	112	200	0.225	
DRO >C10-C28*	<10.0	10.0	10/25/2021	ND	217	108	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/25/2021	ND					

Surrogate: 1-Chlorooctane 78.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 77.4 % 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: 10/22/2021
 Reported: 10/27/2021
 Project Name: DCP - MG - 6 - 2 LINE
 Project Number: (9/28/21) NAPP2127753495
 Project Location: NONE GIVEN

Sampling Date: 10/21/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 5 PT. COMP. PT 7 BOTTOM @ 14' (H212987-07)

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	10/25/2021	ND	2.02	101	2.00	4.76		
Toluene*	<0.050	0.050	10/25/2021	ND	2.01	100	2.00	2.87		
Ethylbenzene*	<0.050	0.050	10/25/2021	ND	2.04	102	2.00	3.07		
Total Xylenes*	<0.150	0.150	10/25/2021	ND	6.05	101	6.00	3.40		
Total BTEX	<0.300	0.300	10/25/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 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	10/25/2021	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	10/25/2021	ND	223	112	200	0.225	
DRO >C10-C28*	<10.0	10.0	10/25/2021	ND	217	108	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/25/2021	ND					

Surrogate: 1-Chlorooctane 86.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.1 % 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: 10/22/2021
 Reported: 10/27/2021
 Project Name: DCP - MG - 6 - 2 LINE
 Project Number: (9/28/21) NAPP2127753495
 Project Location: NONE GIVEN

Sampling Date: 10/21/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 5 PT. COMP. PT 1 EAST WALL (H212987-08)

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	10/25/2021	ND	2.02	101	2.00	4.76		
Toluene*	<0.050	0.050	10/25/2021	ND	2.01	100	2.00	2.87		
Ethylbenzene*	<0.050	0.050	10/25/2021	ND	2.04	102	2.00	3.07		
Total Xylenes*	<0.150	0.150	10/25/2021	ND	6.05	101	6.00	3.40		
Total BTEX	<0.300	0.300	10/25/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 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	10/25/2021	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	10/25/2021	ND	223	112	200	0.225	
DRO >C10-C28*	<10.0	10.0	10/25/2021	ND	217	108	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/25/2021	ND					

Surrogate: 1-Chlorooctane 75.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 72.9 % 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: 10/22/2021
 Reported: 10/27/2021
 Project Name: DCP - MG - 6 - 2 LINE
 Project Number: (9/28/21) NAPP2127753495
 Project Location: NONE GIVEN

Sampling Date: 10/21/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 5 PT. COMP. PT 2 EAST WALL (H212987-09)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/25/2021	ND	2.02	101	2.00	4.76		
Toluene*	<0.050	0.050	10/25/2021	ND	2.01	100	2.00	2.87		
Ethylbenzene*	<0.050	0.050	10/25/2021	ND	2.04	102	2.00	3.07		
Total Xylenes*	<0.150	0.150	10/25/2021	ND	6.05	101	6.00	3.40		
Total BTEX	<0.300	0.300	10/25/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/25/2021	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	10/25/2021	ND	223	112	200	0.225	
DRO >C10-C28*	<10.0	10.0	10/25/2021	ND	217	108	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/25/2021	ND					

Surrogate: 1-Chlorooctane 77.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 75.2 % 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: 10/22/2021
 Reported: 10/27/2021
 Project Name: DCP - MG - 6 - 2 LINE
 Project Number: (9/28/21) NAPP2127753495
 Project Location: NONE GIVEN

Sampling Date: 10/21/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 5 PT. COMP. PT 3 EAST WALL (H212987-10)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2021	ND	2.02	101	2.00	4.76	
Toluene*	<0.050	0.050	10/25/2021	ND	2.01	100	2.00	2.87	
Ethylbenzene*	<0.050	0.050	10/25/2021	ND	2.04	102	2.00	3.07	
Total Xylenes*	<0.150	0.150	10/25/2021	ND	6.05	101	6.00	3.40	
Total BTEX	<0.300	0.300	10/25/2021	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	96.0	16.0	10/25/2021	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	10/25/2021	ND	223	112	200	0.225	
DRO >C10-C28*	<10.0	10.0	10/25/2021	ND	217	108	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/25/2021	ND					

Surrogate: 1-Chlorooctane 82.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 79.3 % 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: 10/22/2021
 Reported: 10/27/2021
 Project Name: DCP - MG - 6 - 2 LINE
 Project Number: (9/28/21) NAPP2127753495
 Project Location: NONE GIVEN

Sampling Date: 10/21/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 5 PT. COMP. PT 4 EAST WALL (H212987-11)

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	10/25/2021	ND	2.02	101	2.00	4.76		
Toluene*	<0.050	0.050	10/25/2021	ND	2.01	100	2.00	2.87		
Ethylbenzene*	<0.050	0.050	10/25/2021	ND	2.04	102	2.00	3.07		
Total Xylenes*	<0.150	0.150	10/25/2021	ND	6.05	101	6.00	3.40		
Total BTEX	<0.300	0.300	10/25/2021	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	176	16.0	10/25/2021	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	10/25/2021	ND	223	112	200	0.225	
DRO >C10-C28*	<10.0	10.0	10/25/2021	ND	217	108	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/25/2021	ND					

Surrogate: 1-Chlorooctane 82.8 % 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: 10/22/2021
 Reported: 10/27/2021
 Project Name: DCP - MG - 6 - 2 LINE
 Project Number: (9/28/21) NAPP2127753495
 Project Location: NONE GIVEN

Sampling Date: 10/21/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 5 PT. COMP. PT 5 EAST WALL (H212987-12)

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	1.94	96.8	2.00	7.22		
Toluene*	<0.050	0.050	10/26/2021	ND	1.91	95.5	2.00	9.10		
Ethylbenzene*	<0.050	0.050	10/26/2021	ND	1.91	95.7	2.00	10.3		
Total Xylenes*	<0.150	0.150	10/26/2021	ND	5.68	94.7	6.00	9.52		
Total BTEX	<0.300	0.300	10/26/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	80.0	16.0	10/25/2021	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	10/25/2021	ND	223	112	200	0.225	
DRO >C10-C28*	<10.0	10.0	10/25/2021	ND	217	108	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/25/2021	ND					

Surrogate: 1-Chlorooctane 82.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 80.4 % 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: 10/22/2021
 Reported: 10/27/2021
 Project Name: DCP - MG - 6 - 2 LINE
 Project Number: (9/28/21) NAPP2127753495
 Project Location: NONE GIVEN

Sampling Date: 10/21/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 5 PT. COMP. PT 6 EAST WALL (H212987-13)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/26/2021	ND	1.94	96.8	2.00	7.22		
Toluene*	<0.050	0.050	10/26/2021	ND	1.91	95.5	2.00	9.10		
Ethylbenzene*	<0.050	0.050	10/26/2021	ND	1.91	95.7	2.00	10.3		
Total Xylenes*	<0.150	0.150	10/26/2021	ND	5.68	94.7	6.00	9.52		
Total BTEX	<0.300	0.300	10/26/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	10/25/2021	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	10/25/2021	ND	223	112	200	0.225	
DRO >C10-C28*	<10.0	10.0	10/25/2021	ND	217	108	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/25/2021	ND					

Surrogate: 1-Chlorooctane 82.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 80.2 % 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: 10/22/2021
 Reported: 10/27/2021
 Project Name: DCP - MG - 6 - 2 LINE
 Project Number: (9/28/21) NAPP2127753495
 Project Location: NONE GIVEN

Sampling Date: 10/21/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 5 PT. COMP. PT 7 EAST WALL (H212987-14)

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	1.94	96.8	2.00	7.22		
Toluene*	<0.050	0.050	10/26/2021	ND	1.91	95.5	2.00	9.10		
Ethylbenzene*	<0.050	0.050	10/26/2021	ND	1.91	95.7	2.00	10.3		
Total Xylenes*	<0.150	0.150	10/26/2021	ND	5.68	94.7	6.00	9.52		
Total BTEx	<0.300	0.300	10/26/2021	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	384	16.0	10/25/2021	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	10/26/2021	ND	221	111	200	0.952	
DRO >C10-C28*	<10.0	10.0	10/26/2021	ND	215	107	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	10/26/2021	ND					

Surrogate: 1-Chlorooctane 83.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 81.0 % 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: 10/22/2021
 Reported: 10/27/2021
 Project Name: DCP - MG - 6 - 2 LINE
 Project Number: (9/28/21) NAPP2127753495
 Project Location: NONE GIVEN

Sampling Date: 10/21/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 5 PT. COMP. PT 1 WEST WALL (H212987-15)

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	1.94	96.8	2.00	7.22		
Toluene*	<0.050	0.050	10/26/2021	ND	1.91	95.5	2.00	9.10		
Ethylbenzene*	<0.050	0.050	10/26/2021	ND	1.91	95.7	2.00	10.3		
Total Xylenes*	<0.150	0.150	10/26/2021	ND	5.68	94.7	6.00	9.52		
Total BTEX	<0.300	0.300	10/26/2021	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	64.0	16.0	10/25/2021	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	10/26/2021	ND	221	111	200	0.952	
DRO >C10-C28*	21.4	10.0	10/26/2021	ND	215	107	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	10/26/2021	ND					

Surrogate: 1-Chlorooctane 78.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 77.1 % 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: 10/22/2021
 Reported: 10/27/2021
 Project Name: DCP - MG - 6 - 2 LINE
 Project Number: (9/28/21) NAPP2127753495
 Project Location: NONE GIVEN

Sampling Date: 10/21/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 5 PT. COMP. PT 2 WEST WALL (H212987-16)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/26/2021	ND	1.94	96.8	2.00	7.22		
Toluene*	<0.050	0.050	10/26/2021	ND	1.91	95.5	2.00	9.10		
Ethylbenzene*	<0.050	0.050	10/26/2021	ND	1.91	95.7	2.00	10.3		
Total Xylenes*	<0.150	0.150	10/26/2021	ND	5.68	94.7	6.00	9.52		
Total BTX	<0.300	0.300	10/26/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	112	16.0	10/25/2021	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	10/26/2021	ND	221	111	200	0.952	
DRO >C10-C28*	<10.0	10.0	10/26/2021	ND	215	107	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	10/26/2021	ND					

Surrogate: 1-Chlorooctane 80.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 77.8 % 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: 10/22/2021
 Reported: 10/27/2021
 Project Name: DCP - MG - 6 - 2 LINE
 Project Number: (9/28/21) NAPP2127753495
 Project Location: NONE GIVEN

Sampling Date: 10/21/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 5 PT. COMP. PT 3 WEST WALL (H212987-17)

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	1.94	96.8	2.00	7.22		
Toluene*	<0.050	0.050	10/26/2021	ND	1.91	95.5	2.00	9.10		
Ethylbenzene*	<0.050	0.050	10/26/2021	ND	1.91	95.7	2.00	10.3		
Total Xylenes*	<0.150	0.150	10/26/2021	ND	5.68	94.7	6.00	9.52		
Total BTEX	<0.300	0.300	10/26/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/25/2021	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	10/26/2021	ND	221	111	200	0.952	
DRO >C10-C28*	<10.0	10.0	10/26/2021	ND	215	107	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	10/26/2021	ND					

Surrogate: 1-Chlorooctane 85.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 82.8 % 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: 10/22/2021
 Reported: 10/27/2021
 Project Name: DCP - MG - 6 - 2 LINE
 Project Number: (9/28/21) NAPP2127753495
 Project Location: NONE GIVEN

Sampling Date: 10/21/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 5 PT. COMP. PT 4 WEST WALL (H212987-18)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/26/2021	ND	1.94	96.8	2.00	7.22		
Toluene*	<0.050	0.050	10/26/2021	ND	1.91	95.5	2.00	9.10		
Ethylbenzene*	<0.050	0.050	10/26/2021	ND	1.91	95.7	2.00	10.3		
Total Xylenes*	<0.150	0.150	10/26/2021	ND	5.68	94.7	6.00	9.52		
Total BTX	<0.300	0.300	10/26/2021	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	10/25/2021	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	10/26/2021	ND	221	111	200	0.952	
DRO >C10-C28*	<10.0	10.0	10/26/2021	ND	215	107	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	10/26/2021	ND					

Surrogate: 1-Chlorooctane 72.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 70.6 % 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: 10/22/2021
 Reported: 10/27/2021
 Project Name: DCP - MG - 6 - 2 LINE
 Project Number: (9/28/21) NAPP2127753495
 Project Location: NONE GIVEN

Sampling Date: 10/21/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 5 PT. COMP. PT 5 WEST WALL (H212987-19)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/26/2021	ND	1.94	96.8	2.00	7.22		
Toluene*	<0.050	0.050	10/26/2021	ND	1.91	95.5	2.00	9.10		
Ethylbenzene*	<0.050	0.050	10/26/2021	ND	1.91	95.7	2.00	10.3		
Total Xylenes*	<0.150	0.150	10/26/2021	ND	5.68	94.7	6.00	9.52		
Total BTX	<0.300	0.300	10/26/2021	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	10/25/2021	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	10/26/2021	ND	221	111	200	0.952	
DRO >C10-C28*	<10.0	10.0	10/26/2021	ND	215	107	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	10/26/2021	ND					

Surrogate: 1-Chlorooctane 80.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 78.2 % 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: 10/22/2021
 Reported: 10/27/2021
 Project Name: DCP - MG - 6 - 2 LINE
 Project Number: (9/28/21) NAPP2127753495
 Project Location: NONE GIVEN

Sampling Date: 10/21/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 5 PT. COMP. PT 6 WEST WALL (H212987-20)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/26/2021	ND	1.94	96.8	2.00	7.22		
Toluene*	<0.050	0.050	10/26/2021	ND	1.91	95.5	2.00	9.10		
Ethylbenzene*	<0.050	0.050	10/26/2021	ND	1.91	95.7	2.00	10.3		
Total Xylenes*	<0.150	0.150	10/26/2021	ND	5.68	94.7	6.00	9.52		
Total BTX	<0.300	0.300	10/26/2021	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	32.0	16.0	10/25/2021	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	10/26/2021	ND	221	111	200	0.952	
DRO >C10-C28*	<10.0	10.0	10/26/2021	ND	215	107	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	10/26/2021	ND					

Surrogate: 1-Chlorooctane 79.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 77.0 % 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: 10/22/2021
 Reported: 10/27/2021
 Project Name: DCP - MG - 6 - 2 LINE
 Project Number: (9/28/21) NAPP2127753495
 Project Location: NONE GIVEN

Sampling Date: 10/21/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 5 PT. COMP. PT 7 WEST WALL (H212987-21)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/26/2021	ND	1.94	96.8	2.00	7.22		
Toluene*	<0.050	0.050	10/26/2021	ND	1.91	95.5	2.00	9.10		
Ethylbenzene*	<0.050	0.050	10/26/2021	ND	1.91	95.7	2.00	10.3		
Total Xylenes*	<0.150	0.150	10/26/2021	ND	5.68	94.7	6.00	9.52		
Total BTEX	<0.300	0.300	10/26/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/25/2021	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	10/26/2021	ND	221	111	200	0.952	
DRO >C10-C28*	<10.0	10.0	10/26/2021	ND	215	107	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	10/26/2021	ND					

Surrogate: 1-Chlorooctane 81.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 80.3 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



CARDINAL LABORATORIES

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

1 OF 3

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Tasman Geosciences

Project Manager: Kyle Norman

Address: 2620 W. Marland Blvd.

City: Hobbs

Phone #: 575-318-5017

Fax #: State: NM Zip: 88240

Project #: nAPP2127753495

Project Owner: DCP Midstream

Project Name: MG-6-2 Line (9/28/21)

Project Location:

Sampler Name: Francisco Conejo Jr

P.O. #:

Company: Tasman Geo

Attn: Kyle Norman

Address: 2620 W. Marland

City: Hobbs

State: NM Zip: 88240

Phone #: 575-318-5017

Fax #:

BILL TO

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV		DATE	TIME	ANALYSIS REQUEST									
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL			Chlorides	TPH 8015 M	BTEX	Texas TPH	Complete Cations/Anions	TDS	HOLD	RUSH		
1	5 PT. COMP PT. 1 BOTTOM @14'		1	✓								10/21/21	09:30	✓	✓	✓							
2	5 PT. COMP PT. 2 BOTTOM @14'		1	✓								10/21/21	09:35	✓	✓	✓							
3	5 PT. COMP PT. 3 BOTTOM @14'		1	✓								10/21/21	09:40	✓	✓	✓							
4	5 PT. COMP PT. 4 BOTTOM @14'		1	✓								10/21/21	09:45	✓	✓	✓							
5	5 PT. COMP PT. 5 BOTTOM @14'		1	✓								10/21/21	09:50	✓	✓	✓							
6	5 PT. COMP PT. 6 BOTTOM @14'		1	✓								10/21/21	10:00	✓	✓	✓							
7	5 PT. COMP PT. 7 BOTTOM @14'		1	✓								10/21/21	10:05	✓	✓	✓							

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Relinquished By:

Date: 10/22/21

Received By:

Time:

Francisco Conejo Jr

Date: 10/22/21

Received By:

Time:

Delivered By: (Circle One)

4.9c C-O-S

Sample Condition

CHECKED BY: (Initials)

Sampler - UPS - Bus - Other:

4.4c #113

Sample Condition

4.4c

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

Phone Result: ☐ Yes ☒ No Add'l Phone #:
 Fax Result: ☐ Yes ☒ No Add'l Fax #:
 REMARKS:

email results: knorman@tasman-geo.com;
bgriffin@tasman-geo.com, Hyman,
Janice L <jhyman@dcpmidstream.com>;
Hyman, Albert L <ALHyman@dcpmidstream.com>
Cook, John W <JWCook@dcpmidstream.com>



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 3

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Tasman Geosciences

Project Manager: Kyle Norman

Address: 2620 W. Marland Blvd.

City: Hobbs

State: NM Zip: 88240

Phone #: 575-318-5017

Fax #:

Project #: NAPP2127753495

Project Owner: DCP Midstream

Project Name: MG-6-2 Line (9/28/21)

Project Location:

Sampler Name: Francisco Conejo Jr

P.O. #:

Company: Tasman Geo

Attn: Kyle Norman

Address: 2620 W. Marland

City: Hobbs

State: NM Zip: 88240

Phone #: 575-318-5017

Fax #:

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

4212887

(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

HOLD

RUSH

5 PT. COMP PT.1 EAST WALL

5 PT. COMP PT.2 EAST WALL

5 PT. COMP PT.3 EAST WALL

5 PT. COMP PT.4 EAST WALL

5 PT. COMP PT.5 EAST WALL

5 PT. COMP PT.6 EAST WALL

5 PT. COMP PT.7 EAST WALL

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email results: knorman@tasman-geo.com;
bgriffin@tasman-geo.com, Hyman,
Hyman, Albert L <ALHyman@dcpmidstream.com>
Cook, John W <JWCook@dcpmidstream.com>

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

Relinquished By:

Date: 10/22/21

Time: 1515

Received By:

Date: 10/22/21

Time: 1515

Received By:

Date: 10/22/21

Time: 1515

Received By:

Date: 10/22/21

Time: 1515

Relinquished By:

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Date: 10/22/21

Time: 1515

Received By:

Date: 10/22/21

Time: 1515

Received By:

Date: 10/22/21

Time: 1515

Relinquished By:

Appendix C

Photo Documentation

DCP Midstream
MG-6-2 Line (9.28.2021)
nAPP2127753495

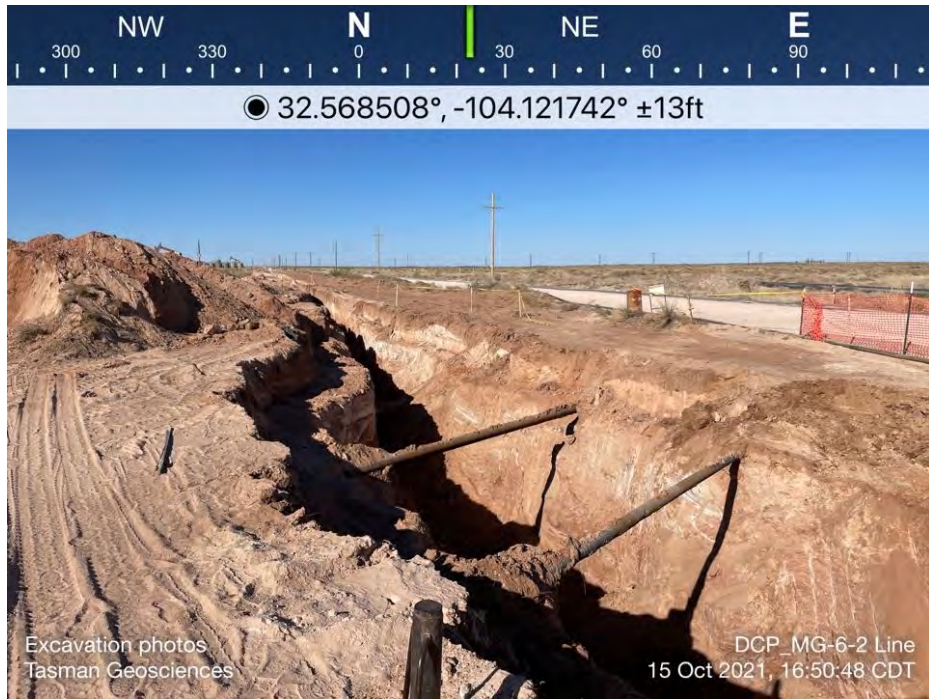


Leak area



Leak area

DCP Midstream
MG-6-2 Line (9.28.2021)
nAPP2127753495



Final Excavation



Final Excavation

DCP Midstream
MG-6-2 Line (9.28.2021)
nAPP2127753495



Final Excavation



Final Excavation

DCP Midstream
MG-6-2 Line (9.28.2021)
nAPP2127753495



Backfilled



Backfilled

Appendix D
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	nApp2127753495
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party DCP Midstream, LP	OGRID 36785
Contact Name Nicholas Case	Contact Telephone 575-802-5225
Contact email casen@dcpmidstream.com	Incident # (assigned by OCD)
Contact mailing address 5301 Sierra Vista Drive, Carlsbad, NM 88220	

Location of Release Source

Latitude 32.568505 Longitude -104.121708
(NAD 83 in decimal degrees to 5 decimal places)

Site Name MG-6-2 Line	Site Type Poly Gas Gathering Pipeline
Date Release Discovered 9/28/2021	API# (if applicable)

Unit Letter	Section	Township	Range	County
M	18	20S	29E	Eddy

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

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) 75 bbls	Volume Recovered (bbls) 65 bbls
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: A company installing a pipeline struck the existing DCP poly pipeline resulting in a release of 75 bbls of condensate. A vacuum truck was called to location and recovered 65 bbls of condensate.

Incident ID	nApp2127753495
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? Release is above 25 bbls.
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>Kyle Norman</u>	Date: <u>12/02/2021</u>
email: <u>knorman@tasman-geo.com</u>	Telephone: <u>575-318-5017</u>
<u>OCD Only</u>	
Received by: _____	Date: _____

Incident ID	nApp2127753495
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>~100</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

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

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	nApp2127753495
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 ManagerSignature: Kyle Norman Date: 12/02/2021email: knorman@tasman-geo.com Telephone: 575-318-5017**OCD Only**

Received by: _____ Date: _____

Appendix E
Closure Form (FORM C-141)

Incident ID	nApp2127753495
District RP	
Facility ID	
Application ID	

Closure

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

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

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

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

Printed Name: Kyle Norman Title: Regional Project Manager
Signature: *Kyle Norman* Date: 12/02/2021
email: knorman@tasman-geo.com Telephone: 575-318-5017

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: *Jennifer Nobui* Date: 02/16/2022
Printed Name: Jennifer Nobui Title: Environmental Specialist A

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 64782

CONDITIONS

Operator: DCP OPERATING COMPANY, LP 6900 E. Layton Ave Denver, CO 80237	OGRID: 36785
	Action Number: 64782
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	None	2/16/2022