



March 8, 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
 Natural Gas Gathering Line #11117 Leak Location 1**
GPS: Latitude 32.298043 Longitude -104.256508
UL "P", Sec. 14, T23S, R26E
Eddy County, New Mexico
NMOCD Ref. No. NRM2016953070

Tasman Geosciences, Inc. (Tasman), on behalf of DCP Operating Company, LP (DCP), has prepared this Remediation Summary and Closure Report for the condensate and natural gas Release Site known as the Natural Gas Gathering Line #11117 Leak Location 1. Details of the release are summarized below:

RELEASE DETAILS			
Type of Release:	Natural Gas, Condensate	Volume of Release:	20 bbls
		Volume Recovered:	bbls
Source of Release:	6" Steel Gas Gathering Pipeline	Date of Release:	Date of Discovery: 7/19/19
Was Immediate Notice Given?	No	If, YES, to Whom?	
Was a Watercourse Reached?	No	If YES, Volume Impacting the Watercourse:	N/A
Surface Owner:	Montclair Development Corporation	Mineral Owner:	N/A
Describe Cause of Problem and Remedial Action Taken:			

A 6-inch diameter steel natural gas gathering pipeline developed a leak. Upon discovery of the release on July 19, 2019, a DCP maintenance crew performed initial response actions in which impacted soil at the point of release were excavated and the pipeline leak was repaired. Between July 29 and 31, 2019, DCP maintenance conducted additional remedial activities with Tasman oversight, in which the previously excavated impacted soil placed within the relevant pipeline right of way was loaded into haul trucks and hauled, under manifest, to a New Mexico Oil Conservation Division (NMOCD) approved disposal facility for disposal (approximately 120 cubic yards [cy] of impacted soils were removed). Concurrently, Tasman initiated assessment activities in which three (3) 5-point composite soil samples were collected from the bottom and sidewalls of the previously excavated area and submitted to the laboratory for analysis of total petroleum hydrocarbons (TPH) and chloride (Cl-) concentrations via method 8015 M Ext. and SM4500 CL-B, respectively. The laboratory analytical results exhibited concentrations of TPH in soils above applicable NMOCD closure criteria. Based on the initial field observations at that time, the volume of associated hydrocarbon liquids was estimated to be below NMOCD reporting thresholds of 5 barrels (bbls). Additional details of the initial remedial actions are presented in the June 16, 2020 Site Assessment Summary and Remediation Plan previously submitted to NMOCD.

A release Site Characterization Map is provided as Figure 1. General remedial actions and site delineation photographs are provided as Appendix C. A copy of the initial non-reportable release notification (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	~ 193 feet
Within 300 ft. of any continuously flowing or significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Within 200 ft. of any lakebed, sinkhole, or playa lake?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Within 300 ft. of an occupied permanent residence, school, hospital, or institution?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Within 500 ft. of a spring or private, domestic fresh water well?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Within 1,000 ft. of any fresh water well?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Within the incorporated municipal boundaries or within a municipal well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Within 300 ft. of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Within the area overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Within an unstable area?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

A search of 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 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 193 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 DELINEATION

Between October 22, 2019 and January 28, 2020, Tasman personnel revisited the Release Site three (3) times in an effort to complete additional site characterization, excavate identified hydrocarbon impacted soil, collect soil samples and transport/dispose of excavated soil to a NMOCD-approved disposal facility. During the January 28, 2020 assessment, eight (8) 5-point composite method soil samples were collected from the bottom and sidewalls of the open excavation and submitted to an NMOCD-approved laboratory for analysis of TPH; benzene, toluene, ethylbenzene and xylene (BTEX) using analytical method SW846 8269C; and/or Cl-. Analytical results of the soil samples collected during the January 28, 2020 delineation activities, indicated that BTEX and Cl- concentrations are below the NMOCD Closure Criteria and were no longer a constituent of concern. TPH still remained above the NMOCD Closure Criteria of 100 ppm. Additional details of these remedial actions and delineation activities are presented in the June 16, 2020 Site Assessment Summary and Remediation Plan previously submitted to NMOCD.

Based on the additional remedial actions and delineation activities between October 22, 2019 and January 28, 2020, the extent of the release was re-assessed and conservatively estimated to be approximately 20 bbls which is a minor release greater than the reportable quantity of 5 bbls but less than the release threshold for a major release of 25 bbls. As such, DCP submitted a release notification (form C-141) to the NMOCD on June 15, 2020. In addition, supplemental investigative and remedial action were proposed in the June 16, 2020 Site Assessment Summary and Remediation Plan and subsequently implemented.

As described in the July 16, 2020 Site Assessment Summary and Remediation Plan, Tasman re-mobilized to the site on January 13, 2021 to advance five (5) soil borings (one in the approximate center and four [4] adjacent to each side of the previous excavation limits) in an effort to further investigate the horizontal and vertical extent of soil impacts (Figure 2). The soil borings were advanced using an air rotary rig to depths of up to 25' bgs. The subsurface geology, field observations and sample depths were recorded on soil boring logs. Soil samples were collected at regular vertical intervals (ground surface, 5', 10', 15', 20' and/or 25' bgs) and field tested for CL- using a Silver Nitrate Kit and volatile organic compounds (VOCs) using a photo-ionization detector (PID). Representative soil samples were also collected from select vertical intervals and sent to a NMOCD-approved laboratory for analysis of TPH, BTEX, and/or Cl-. Analytical results of the vertical soil samples collected from the soil borings indicated that all TPH, BTEX and Cl- concentrations are below the NMOCD Closure Criteria and the horizontal and vertical extent of the impacted soil has been delineated. Groundwater was not encountered during field investigation activities.

The locations of the soil borings, and the field screening and analytical results of the soil samples collected from the soil borings are presented on Figure 2. The soil boring logs presenting a description of the subsurface geology, field observations, field screening results and soil sample intervals is provided in Appendix E. Laboratory analytical reports are provided in Appendix B. A summary of the laboratory analytical results from the soil samples collected from the soil borings is presented in the table below.

Concentrations of BTEX, TPH and Chloride in Soil													
Sample ID	Date	Depth	PID Reading (ppm)	Soil Status	SW 846 8260C		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)	GRO EXT C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)	
SB-1 @ 10'	1/13/2021	10'	2.6	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0	
SB-1 @ 15'	1/13/2021	15'	4.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0	
SB-1 @ 20'	1/13/2021	20'	2.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0	
SB-1 @ 25'	1/13/2021	25'	2.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0	
SB-2 @ Surface	1/13/2021	0'	2.5	In-Situ	NA	NA	NA	NA	NA	NA	NA	NA	
SB-2 @ 5'	1/13/2021	5'	2.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0	
SB-2 @ 10'	1/13/2021	10'	2.8	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0	
SB-2 @ 15'	1/13/2021	15'	1.8	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0	
SB-2 @ 20'	1/13/2021	20'	2.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0	
SB-3 @ Surface	1/13/2021	0'	1.2	In-Situ	NA	NA	NA	NA	NA	NA	NA	NA	
SB-3 @ 5'	1/13/2021	5'	2.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0	
SB-3 @ 10'	1/13/2021	10'	3.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0	
SB-3 @ 15'	1/13/2021	15'	1.8	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0	
SB-3 @ 20'	1/13/2021	20'	1.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0	
SB-4 @ Surface	1/13/2021	0'	4.7	In-Situ	NA	NA	NA	NA	NA	NA	NA	NA	
SB-4 @ 5'	1/13/2021	5'	4.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0	
SB-4 @ 10'	1/13/2021	10'	3.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0	
SB-4 @ 15'	1/13/2021	15'	5.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0	
SB-4 @ 20'	1/13/2021	20'	1.8	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0	
SB-5 @ Surface	1/13/2021	0'	2.9	In-Situ	NA	NA	NA	NA	NA	NA	NA	NA	
SB-5 @ 5'	1/13/2021	5'	2.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0	
SB-5 @ 10'	1/13/2021	10'	2.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0	
SB-5 @ 15'	1/13/2021	15'	1.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0	
SB-5 @ 20'	1/13/2021	20'	3.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0	
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

The laboratory analytical reports for these site assessment activities are provided as Appendix B.

SUMMARY OF FIELD ACTIVITIES

Based on the previous site assessment activities and findings described above, Tasman remobilized to the Release Site four (4) additional times between January 7, 2021 and February 10, 2021 to further remediate impacted soil using mechanical equipment and to perform bottom and sidewall soil confirmation sampling within the limits of the excavation for site closure. The majority of impacted soil was excavated to a depth of approximately 15-feet bgs except in the bottom grid areas for samples #7 and #8 which had TPH concentrations in the composite soil samples above NMOCD closure criteria. As such, impacted soils in the grid areas #7 and #8 were excavated to a depth of 20-feet bgs additional bottom soil confirmation samples were collected. The excavation footprint extended over an area of approximately 46-feet by 42-feet as illustrated on Figures 3A and 3B. Excavated impacted soil was temporarily stockpiled on-site, on top of a plastic impermeable liner, pending final disposition. Upon completion of excavation activities, eight (8) bottom and fourteen (14) sidewall 5-point composite method confirmation soil samples were collected from the final limits of the excavation. The collected soil samples were submitted to a NMOCD-approved laboratory for analysis of TPH, BTEX, and Cl-. Laboratory analytical results indicated that TPH, BTEX, and Cl- concentrations were below the NMOCD closure criteria for all the confirmation soil samples representative of the final limits of the excavation. Upon receiving laboratory analytical results from confirmatory sampling, impacted soil (1,332 cubic yards) was transported under manifest to a NMOCD-approved disposal facility. A summary of the analytical results for the bottom and sidewall confirmation soil samples is provided in the table below:

Concentrations of BTEX, TPH and Chloride in Soil													
Sample ID	Date	Depth	PID Reading (ppm)	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 ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)	
5- PT Comp. Bottom - 1 @ 10'	2/3/2021	10'	NA	Excavated	NA	NA	<10.0	428	428	91	519	NA	
5- PT Comp. Bottom - 2 @ 10'	2/3/2021	10'	NA	Excavated	NA	NA	11	96	107	203	310	NA	
5- PT Comp. Bottom - 3 @ 10'	2/3/2021	10'	NA	Excavated	NA	NA	17	874	891	192	1,083	NA	
5- PT Comp. Bottom - 4 @ 10'	2/3/2021	10'	NA	Excavated	NA	NA	<10.0	306	306	68	374	NA	
5- PT Comp. Bottom - 5 @ 10'	2/3/2021	10'	NA	Excavated	NA	NA	<10.0	168	168	38.4	206.4	NA	
5- PT Comp. Bottom - 6 @ 10'	2/3/2021	10'	NA	Excavated	NA	NA	53.7	1060	1,114	194	1,307.7	NA	
5- PT Comp. Bottom - 7 @ 10'	2/3/2021	10'	NA	Excavated	NA	NA	17.9	790	808	169	976.9	NA	
5- PT Comp. Bottom - 8 @ 10'	2/3/2021	10'	NA	Excavated	NA	NA	<10.0	109	109	23	132	NA	
5- PT Comp. Bottom - 1 @ 15'	2/8/2021	15'	1.0	In-Situ	NA	NA	<10.0	<10.0	<10.0	<10.0	<10.0	NA	
5- PT Comp. Bottom - 2 @ 15'	2/8/2021	15'	2.4	In-Situ	NA	NA	<10.0	<10.0	<10.0	<10.0	<10.0	NA	
5- PT Comp. Bottom - 3 @ 15'	2/8/2021	15'	0.9	In-Situ	NA	NA	<10.0	54	54	<10.0	54	NA	
5- PT Comp. Bottom - 4 @ 15'	2/8/2021	15'	0.8	In-Situ	NA	NA	<10.0	13	13	<10.0	13	NA	
5- PT Comp. Bottom - 5 @ 15'	2/8/2021	15'	1.2	In-Situ	NA	NA	<10.0	51	51	<10.0	51	NA	
5- PT Comp. Bottom - 6 @ 15'	2/8/2021	15'	1.3	In-Situ	NA	NA	<10.0	60.6	60.6	<10.0	60.6	NA	
5- PT Comp. Bottom - 7 @ 15'	2/8/2021	15'	1.2	Excavated	NA	NA	<10.0	205	205	25.6	230.6	NA	
5- PT Comp. Bottom - 8 @ 15'	2/8/2021	15'	2.3	Excavated	NA	NA	<10.0	145	145	19.6	164.6	NA	
5- PT Comp. Bottom - 7 @ 20'	2/10/2021	20'	1.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0	
5- PT Comp. Bottom - 8 @ 20'	2/10/2021	20'	2.3	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
5 PT Comp. North Wall - 1	2/3/2021	NA	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
5 PT Comp. North Wall - 2	2/3/2021	NA	4.8	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
5 PT Comp. South Wall - 1	2/3/2021	NA	4.3	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32	
5 PT Comp. South Wall - 2	2/3/2021	NA	3.7	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96	
5 PT Comp. East Wall - 2	2/3/2021	NA	11	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32	
5 PT Comp. West Wall - 1	2/3/2021	NA	3.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144	
5 PT Comp. West Wall - 2	2/3/2021	NA	5.2	In-Situ	<0.050	16	<10.0	<10.0	<10.0	<10.0	<10.0	64	
5 PT Comp. North Wall - 3	2/8/2021	NA	4.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16	
5 PT Comp. South Wall - 3	2/8/2021	NA	4.9	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48	
5 PT Comp. East Wall - 3	2/8/2021	NA	2.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32	
5 PT Comp. West Wall - 3	2/8/2021	NA	1.8	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48	
5 PT Comp. Extended East Wall - 2	2/8/2021	NA	5.6	In-Situ	<0.050	<0.300	<10.0	15.0	15.0	<10.0	15.0	48	
5 PT Comp. NW Wall - 1	2/10/2021	NA	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32	
5 PT Comp. SE Wall - 1	2/10/2021	NA	3.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64	
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

The bottom and sidewall 5-point composite soil confirmation sample locations as well as the field screening and laboratory analytical results are presented on Figures 3A and 3B, respectively. General remedial action, site delineation and restoration photographs are presented in Appendix C. The laboratory analytical reports are provided in Appendix B.

Between February 12, 2021 and February 16, 2021, the excavated area was backfilled with locally sourced, non-impacted "like" material (approximately 600 cy of general backfill and 384 cy of top soil). On February 8, 2021 and February 10, 2021, Tasman collected a 5-point composite method soil sample from the imported top soil and imported general backfill, respectively, and submitted the sample to a NMOCD-approved laboratory for analysis of TPH, BTEX, and Cl-. Laboratory analytical results indicated that TPH, BTEX, and CL- concentrations were below the NMOCD closure criteria for the submitted soil sample. The laboratory analytical report for the imported backfill and top soil sample is provided in Appendix B. On February 16, 2021, the area impacted by the release and remedial activities were contoured to match surrounding ground surface.

SITE CLOSURE REQUEST

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

RESTORATION, RECLAMATION AND RE-VEGETATION

On February 16, 2021, the areas affected by the Release and associated remediation activities was backfilled with locally sourced, non-impacted general backfill (~5-ft. to 15-ft.-20-ft. bgs) and top soil (Surface to ~5-ft.bgs). The affected area was contoured and/or compacted to achieve erosion control, stability and preservation of surface water flow to the extent practicable.

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

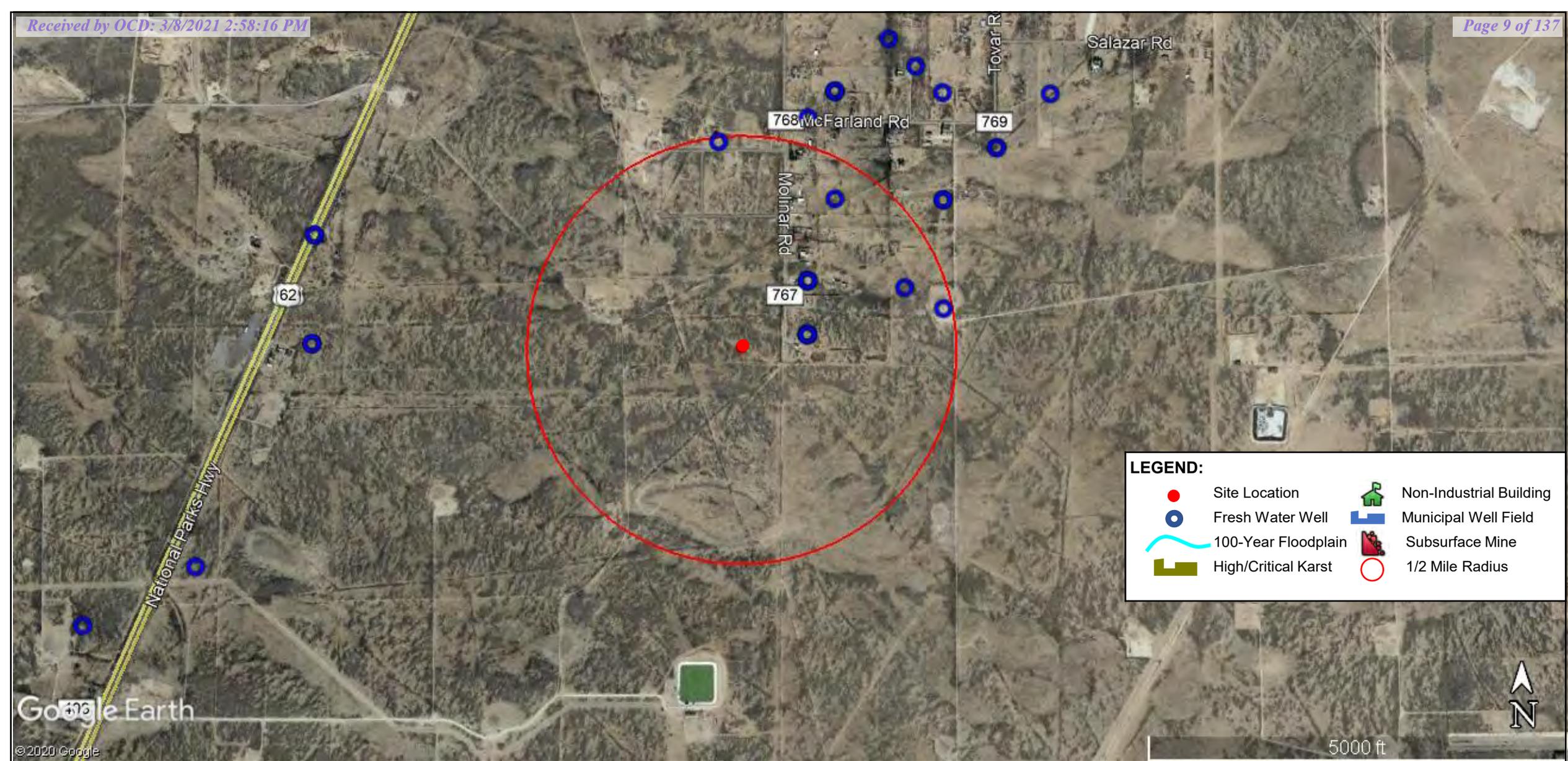
If you have any questions, or if additional information is required, please feel free to contact Stephen Weathers or the undersigned by phone or email.

Respectfully,

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

- Attachments:**
- Figure 1: Site Characteristics Map
 - Figure 2: Soil Bore Location Map
 - Figure 3A: Soil Confirmation Sample Location Map (Excavation Bottom)
 - Figure 3B: Soil Confirmation Sample Location Map (Excavation Sidewalls)
 - Appendix A: Depth to Groundwater Information
 - Appendix B: Laboratory Analytical Reports
 - Appendix C: Photo Documentation
 - Appendix D: Release Notification and Corrective Action (FORM C-141)
 - Appendix E: Soil Boring Logs
 - Appendix F: Closure Form (FORM C-141)

Figures



DATE: June 2020
 DESIGNED BY: KN
 Revised to Imaging: 6/30/2021 10:43:41 AM



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

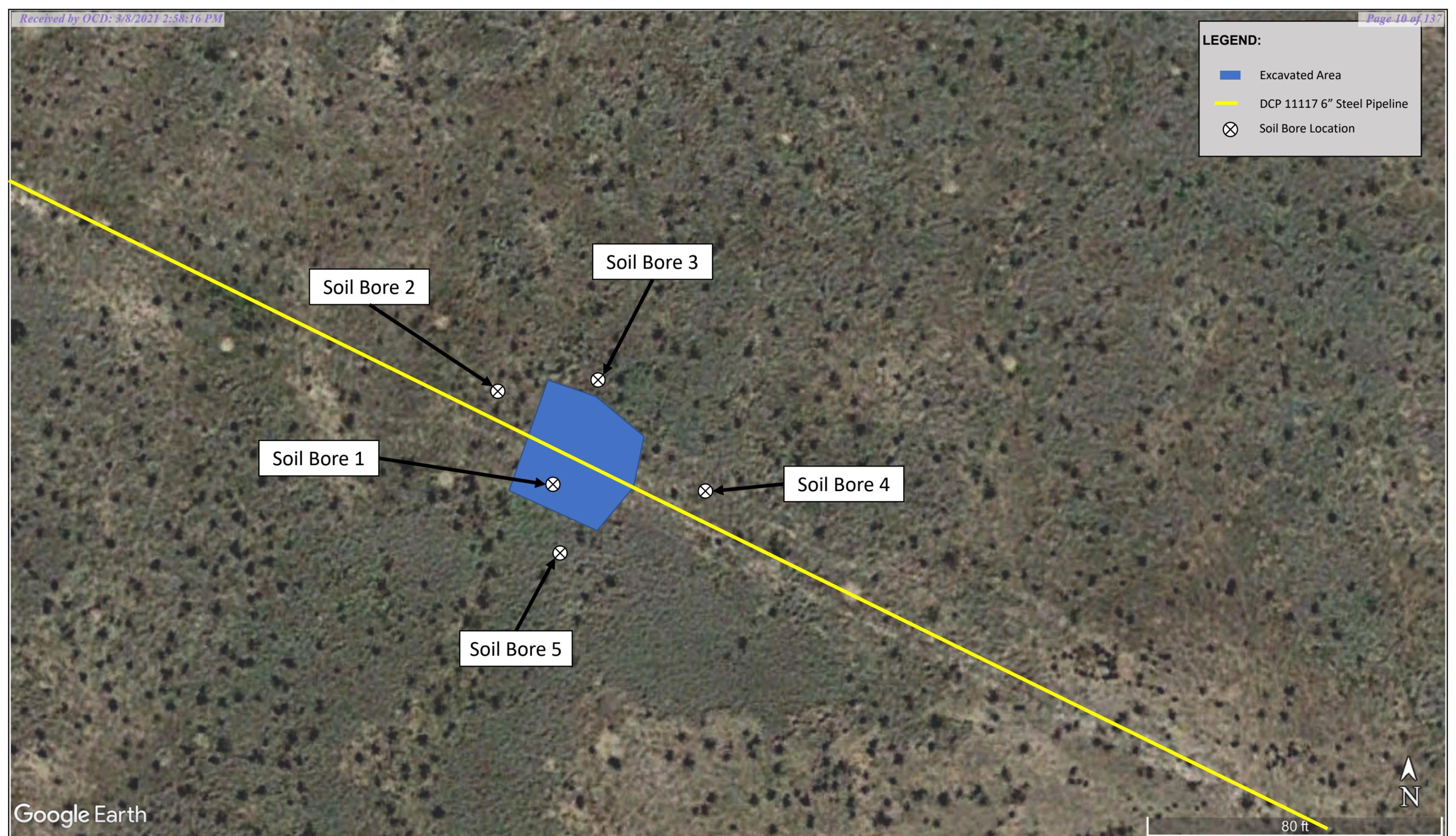
DCP Midstream
11117 Line Leak 1
 GPS: 32.298043, -104.256508
 UL "P", Section 14, Township 23 South, Range 26 East
 Eddy County, New Mexico

Site Characteristics
 Map

Figure
1

LEGEND:

- Excavated Area
- DCP 11117 6" Steel Pipeline
- ⊗ Soil Bore Location



Google Earth



80 ft

DATE: January 2021

DESIGNED BY : KN

DRAWN BY: KN
Released to Imaging: 6/30/2021 10:43:41 AM



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

DCP Midstream
11117 Line Leak 1
GPS: 32.298043 -104.256508
Eddy County, New Mexico

Soil Bore Location
Overview Map

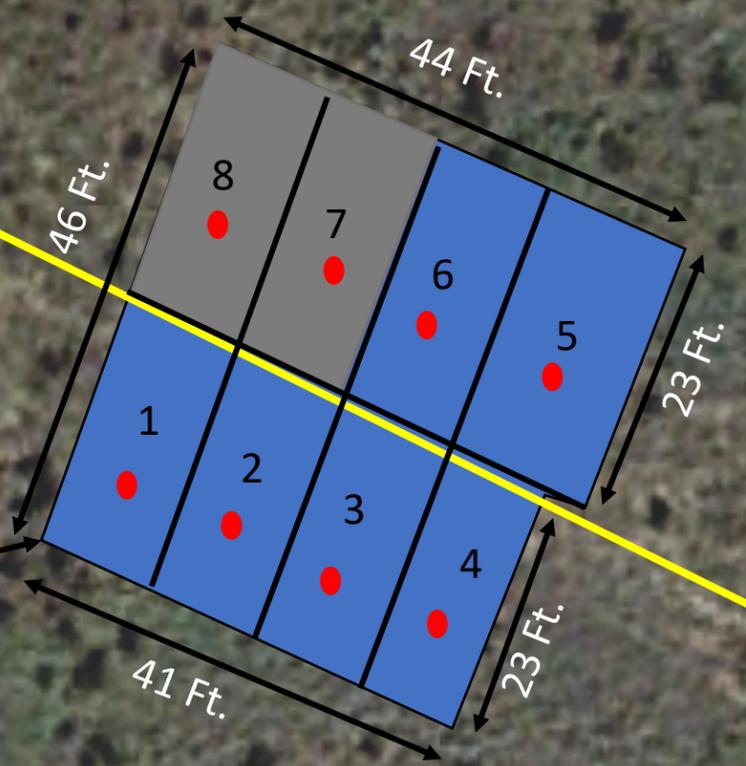
Figure 2

Grid No.	5 Pt. Comp. Bottom Soil Sample ID (~250 sq. ft.)	Date Sampled	PID Readings (ppm)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH - GRO (mg/kg)	TPH - DRO (mg/kg)	TPH - EXT DRO (mg/kg)	TPH ⁽³⁾ GRO/DRO/EXT DRO (mg/kg)	Chloride (mg/kg)
1	5 PT Comp. Bottom - 1 @ 15'	2/8/2021	1.0	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	96
2	5 PT Comp. Bottom - 2 @ 15'	2/8/2021	2.4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32
3	5 PT Comp. Bottom - 3 @ 15'	2/8/2021	0.9	<0.050	<0.300	<10.0	54	<10.0	54.2	64
4	5 PT Comp. Bottom - 4 @ 15'	2/8/2021	0.8	<0.050	<0.300	<10.0	13	<10.0	13	32
5	5 PT Comp. Bottom - 5 @ 15'	2/8/2021	1.2	<0.050	<0.300	<10.0	51	<10.0	51	48
6	5 PT Comp. Bottom - 6 @ 15'	2/8/2021	1.3	<0.050	<0.300	<10.0	60.6	<10.0	60.6	32
7	5 PT Comp. Bottom -7 @ 20'	2/10/2021	1.2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	16
8	5 PT Comp. Bottom - 8 @ 20'	2/10/2021	2.3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
NMOCD Action Levels - Soil (mg/kg)⁽¹⁾				10	50	-	-	-	100	600

LEGEND:

- Excavation depth at ~15 Ft. bgs (~1,472 sq. ft.)
- Excavation ~20 Ft. bgs (~483 sq. ft.)
- 11117 6" Steel Pipeline
- 1** ● 5 Pt. Comp. Bottom Soil Sample ● Grid No. Point Location (~250 sq. ft.)

Approximate final extent of impacted soil excavation.



Google Earth

DATE: February 2021
 DESIGNED BY : KN
 DRAWN BY: KN
Released to Imaging: 6/30/2021 10:43:41 AM



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

DCP Midstream
11117 Line Leak 1
 GPS: 32.298043, -104.256508
 UL "P", Section 14, Township 23 South, Range 26 East
 Eddy County, New Mexico

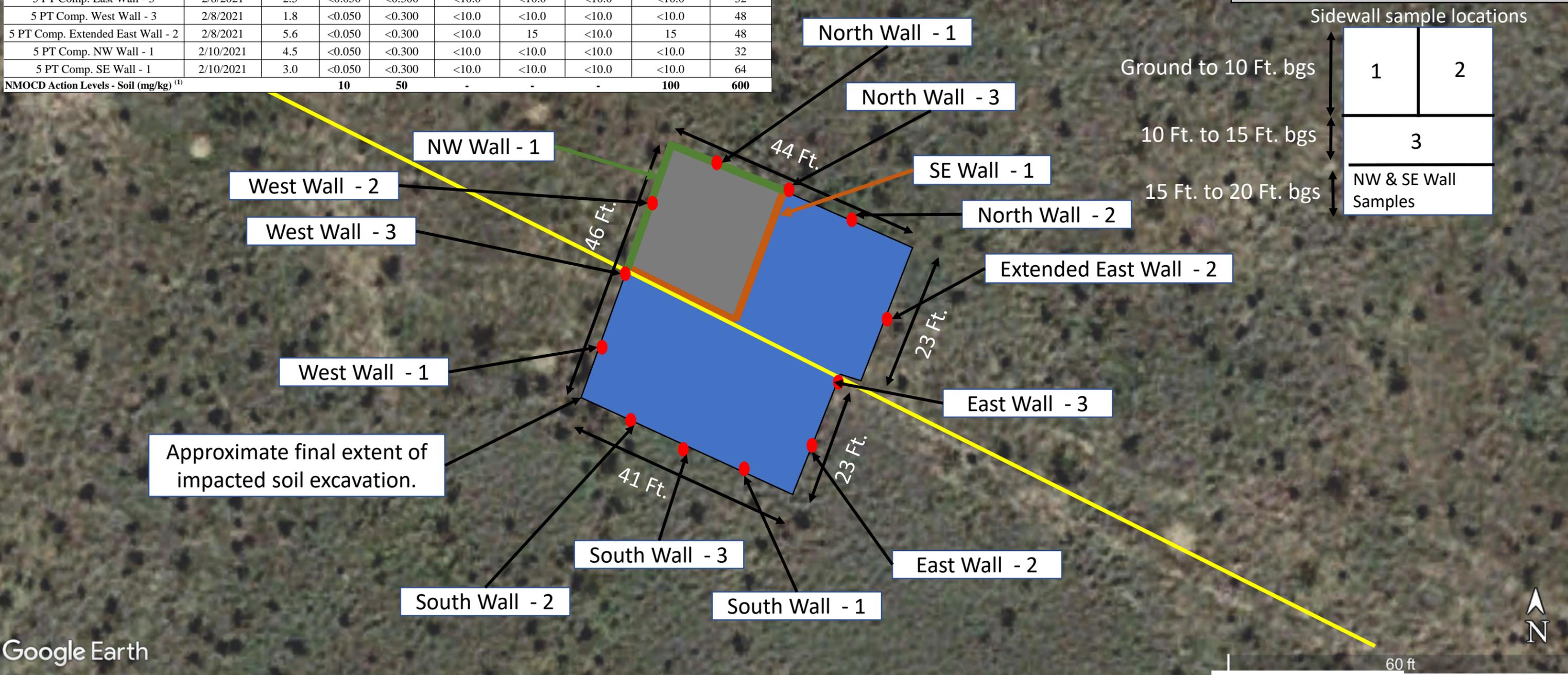
Soil Confirmation
 Sample Location Map
 (Excavation Bottom)

Figure 3A

Sample ID	Date Sampled	PID Readings (ppm)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH - GRO (mg/kg)	TPH - DRO (mg/kg)	TPH - EXT DRO (mg/kg)	TPH ⁽³⁾ GRO/DRO/EXT DRO (mg/kg)	Chloride (mg/kg)
5 PT Comp. North Wall - 1	2/3/2021	6.0	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
5 PT Comp. North Wall - 2	2/3/2021	4.8	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
5 PT Comp. South Wall - 1	2/3/2021	4.3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32
5 PT Comp. South Wall - 2	2/3/2021	3.7	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	96
5 PT Comp. East Wall - 2	2/3/2021	11.0	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32
5 PT Comp. West Wall - 1	2/3/2021	3.1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	144
5 PT Comp. West Wall - 2	2/3/2021	5.2	<0.050	16	<10.0	<10.0	<10.0	<10.0	64
5 PT Comp. North Wall - 3	2/8/2021	4.2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	16
5 PT Comp. South Wall - 3	2/8/2021	4.9	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	48
5 PT Comp. East Wall - 3	2/8/2021	2.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32
5 PT Comp. West Wall - 3	2/8/2021	1.8	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	48
5 PT Comp. Extended East Wall - 2	2/8/2021	5.6	<0.050	<0.300	<10.0	15	<10.0	15	48
5 PT Comp. NW Wall - 1	2/10/2021	4.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32
5 PT Comp. SE Wall - 1	2/10/2021	3.0	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	64
NMOCD Action Levels - Soil (mg/kg) ⁽¹⁾		10	50	-	-	-	100	600	

LEGEND:

- █ Excavation depth at ~15 Ft. bgs (~1,472 sq. ft.)
- █ Excavation ~20 Ft. bgs (~483 sq. ft.)
- 11117 6" Steel Pipeline
- 5 Pt. Comp. Sidewall Soil Sample ● Grid No. Point Location (~250 sq. ft.)



DATE: February 2021
 DESIGNED BY : KN
 DRAWN BY: KN
Released to Imaging: 6/30/2021 10:43:41 AM

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

DCP Midstream
 11117 Line Leak 1
 GPS: 32.298043, -104.256508
 UL "P", Section 14, Township 23 South, Range 26 East
 Eddy County, New Mexico

Soil Confirmation
 Sample Location Map
 (Excavation Sidewalls)

Figure 3B

Appendices

Appendix A
Depth to Groundwater Results



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 Code	Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
C_01572	C	ED		3	3	3	13	23S	26E	570245	3573761*	207	215		
C_02040	C	ED		3	3	3	13	23S	26E	570245	3573761*	207	264	185	79
C_02658 POD2	C	ED		3	3	3	13	23S	26E	570245	3573761*	207	252	211	41
C_01733	C	ED		1	3	3	13	23S	26E	570245	3573961*	334	247	197	50
C_01743	C	ED		1	3	3	13	23S	26E	570245	3573961*	334	250	196	54
C_02442	C	ED		1	3	3	13	23S	26E	570245	3573961*	334	276	200	76
C_04348 POD1	C	ED		3	1	3	13	23S	26E	570224	3574192	532	260		
C_03348	C	ED		1	3	3	13	23S	26E	570606	3573938	608	240	200	40
C_01832	C	ED			1	3	13	23S	26E	570345	3574268*	649	250	200	50
C_01672	C	ED			4	3	13	23S	26E	570750	3573861*	720	280	80	200
C_03323 POD1	C	ED		3	4	2	14	23S	26E	569909	3574479	802	275	205	70
C_02052	C	ED		3	3	1	13	23S	26E	570242	3574573*	904	290		
C_01905	C	ED			2	3	13	23S	26E	570749	3574267*	906	300		
C_03071	C	ED			2	3	13	23S	26E	570749	3574267*	906	250	204	46
C_04201 POD1	C	ED		4	4	2	14	23S	26E	569626	3574546	956	255	110	145
C_01626	C	ED			3	1	13	23S	26E	570343	3574674*	1027	246	198	48
C_01822	C	ED			3	1	13	23S	26E	570343	3574674*	1027	258	200	58
C_01822 POD2	C	ED			3	1	13	23S	26E	570343	3574674*	1027	228	212	16
C_01857	C	ED				13	23S	26E	570949	3574465*	1187	255	197	58	
C_02232	C	ED				13	23S	26E	570949	3574465*	1187	240	200	40	
C_02484 EXPL	CUB	ED		4	1	13	23S	26E	570747	3574672*	1204	280	175	105	
C_01968	C	ED		1	4	1	13	23S	26E	570646	3574771*	1234	247	200	47
C_02059	C	ED				1	13	23S	26E	570544	3574875*	1284	282	190	92
C_01851	C	ED			1	1	13	23S	26E	570341	3575080*	1420	258	207	51
C_02260	C	ED			1	1	13	23S	26E	570341	3575080*	1420	247	218	29
C_02537	C	ED			1	1	13	23S	26E	570341	3575080*	1420	280	210	70
C_01825	C	ED			3	2	13	23S	26E	571151	3574670*	1474	243	221	22
C_01867	C	ED		1	1	1	13	23S	26E	570240	3575179*	1501	250	212	38
C_01762	C	ED			2	1	13	23S	26E	570746	3575078*	1553	260	191	69
C_01762 POD2	C	ED			2	1	13	23S	26E	570746	3575078*	1553	250	203	47
C_01765	C	ED			2	1	13	23S	26E	570746	3575078*	1553	350		
C_02444	C	ED			2	1	13	23S	26E	570746	3575078*	1553	250	177	73
C_02205	C	ED		1	2	1	13	23S	26E	570645	3575177*	1602	240	210	30



Average Depth to Water:	193 feet
Minimum Depth:	80 feet
Maximum Depth:	221 feet

Record Count: 33

UTMNAD83 Radius Search (in meters):

Easting (X): 570050 **Northing (Y):** 3573689.36 **Radius:** 1610

*UTM location was derived from PLSS - see Help

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

3/2/20 1:38 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

Appendix B
Laboratory Analytical Reports



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

January 14, 2021

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

RE: DCP - 11117 LINE LEAK 1

Enclosed are the results of analyses for samples received by the laboratory on 01/13/21 16:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/13/2021	Sampling Date:	01/13/2021
Reported:	01/14/2021	Sampling Type:	Soil
Project Name:	DCP - 11117 LINE LEAK 1	Sampling Condition:	Cool & Intact
Project Number:	NRM2016953070	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: SOIL BORE - 1 @ 10' (H210082-01)

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	01/13/2021	ND	2.01	100	2.00	0.534	
Toluene*	<0.050	0.050	01/13/2021	ND	2.01	100	2.00	0.875	
Ethylbenzene*	<0.050	0.050	01/13/2021	ND	1.96	97.9	2.00	0.915	
Total Xylenes*	<0.150	0.150	01/13/2021	ND	5.75	95.9	6.00	1.20	
Total BTEX	<0.300	0.300	01/13/2021	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/14/2021	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	01/13/2021	ND	208	104	200	5.97	
DRO >C10-C28*	<10.0	10.0	01/13/2021	ND	209	105	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	01/13/2021	ND					

Surrogate: 1-Chlorooctane 86.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.5 % 42.2-156

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:	01/13/2021	Sampling Date:	01/13/2021
Reported:	01/14/2021	Sampling Type:	Soil
Project Name:	DCP - 11117 LINE LEAK 1	Sampling Condition:	Cool & Intact
Project Number:	NRM2016953070	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: SOIL BORE - 1 @ 15' (H210082-02)

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	01/13/2021	ND	2.01	100	2.00	0.534	
Toluene*	<0.050	0.050	01/13/2021	ND	2.01	100	2.00	0.875	
Ethylbenzene*	<0.050	0.050	01/13/2021	ND	1.96	97.9	2.00	0.915	
Total Xylenes*	<0.150	0.150	01/13/2021	ND	5.75	95.9	6.00	1.20	
Total BTEX	<0.300	0.300	01/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 73.3-129

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	01/14/2021	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	01/13/2021	ND	208	104	200	5.97	
DRO >C10-C28*	<10.0	10.0	01/13/2021	ND	209	105	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	01/13/2021	ND					

Surrogate: 1-Chlorooctane 74.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 76.2 % 42.2-156

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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:	01/13/2021	Sampling Date:	01/13/2021
Reported:	01/14/2021	Sampling Type:	Soil
Project Name:	DCP - 11117 LINE LEAK 1	Sampling Condition:	Cool & Intact
Project Number:	NRM2016953070	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: SOIL BORE - 1 @ 20' (H210082-03)

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	01/13/2021	ND	2.01	100	2.00	0.534	
Toluene*	<0.050	0.050	01/13/2021	ND	2.01	100	2.00	0.875	
Ethylbenzene*	<0.050	0.050	01/13/2021	ND	1.96	97.9	2.00	0.915	
Total Xylenes*	<0.150	0.150	01/13/2021	ND	5.75	95.9	6.00	1.20	
Total BTEX	<0.300	0.300	01/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.3-129

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	01/14/2021	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	01/13/2021	ND	208	104	200	5.97	
DRO >C10-C28*	<10.0	10.0	01/13/2021	ND	209	105	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	01/13/2021	ND					

Surrogate: 1-Chlorooctane 77.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 79.9 % 42.2-156

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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:	01/13/2021	Sampling Date:	01/13/2021
Reported:	01/14/2021	Sampling Type:	Soil
Project Name:	DCP - 11117 LINE LEAK 1	Sampling Condition:	Cool & Intact
Project Number:	NRM2016953070	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: SOIL BORE - 1 @ 25' (H210082-04)

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	01/13/2021	ND	2.01	100	2.00	0.534		
Toluene*	<0.050	0.050	01/13/2021	ND	2.01	100	2.00	0.875		
Ethylbenzene*	<0.050	0.050	01/13/2021	ND	1.96	97.9	2.00	0.915		
Total Xylenes*	<0.150	0.150	01/13/2021	ND	5.75	95.9	6.00	1.20		
Total BTEX	<0.300	0.300	01/13/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/14/2021	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	01/13/2021	ND	208	104	200	5.97		
DRO >C10-C28*	<10.0	10.0	01/13/2021	ND	209	105	200	1.17		
EXT DRO >C28-C36	<10.0	10.0	01/13/2021	ND						

Surrogate: 1-Chlorooctane 77.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 79.5 % 42.2-156

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/13/2021	Sampling Date:	01/13/2021
Reported:	01/14/2021	Sampling Type:	Soil
Project Name:	DCP - 11117 LINE LEAK 1	Sampling Condition:	Cool & Intact
Project Number:	NRM2016953070	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: SOIL BORE - 2 @ 5' (H210082-05)

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	01/13/2021	ND	2.01	100	2.00	0.534	
Toluene*	<0.050	0.050	01/13/2021	ND	2.01	100	2.00	0.875	
Ethylbenzene*	<0.050	0.050	01/13/2021	ND	1.96	97.9	2.00	0.915	
Total Xylenes*	<0.150	0.150	01/13/2021	ND	5.75	95.9	6.00	1.20	
Total BTEX	<0.300	0.300	01/13/2021	ND					

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

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	01/14/2021	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	01/13/2021	ND	208	104	200	5.97	
DRO >C10-C28*	<10.0	10.0	01/13/2021	ND	209	105	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	01/13/2021	ND					

Surrogate: 1-Chlorooctane 76.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 80.6 % 42.2-156

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:	01/13/2021	Sampling Date:	01/13/2021
Reported:	01/14/2021	Sampling Type:	Soil
Project Name:	DCP - 11117 LINE LEAK 1	Sampling Condition:	Cool & Intact
Project Number:	NRM2016953070	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: SOIL BORE - 2 @ 10' (H210082-06)

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	01/13/2021	ND	2.01	100	2.00	0.534	
Toluene*	<0.050	0.050	01/13/2021	ND	2.01	100	2.00	0.875	
Ethylbenzene*	<0.050	0.050	01/13/2021	ND	1.96	97.9	2.00	0.915	
Total Xylenes*	<0.150	0.150	01/13/2021	ND	5.75	95.9	6.00	1.20	
Total BTEX	<0.300	0.300	01/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/14/2021	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	01/13/2021	ND	208	104	200	5.97	
DRO >C10-C28*	<10.0	10.0	01/13/2021	ND	209	105	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	01/13/2021	ND					

Surrogate: 1-Chlorooctane 76.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 79.5 % 42.2-156

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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:	01/13/2021	Sampling Date:	01/13/2021
Reported:	01/14/2021	Sampling Type:	Soil
Project Name:	DCP - 11117 LINE LEAK 1	Sampling Condition:	Cool & Intact
Project Number:	NRM2016953070	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: SOIL BORE - 2 @ 15' (H210082-07)

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	01/13/2021	ND	2.01	100	2.00	0.534	
Toluene*	<0.050	0.050	01/13/2021	ND	2.01	100	2.00	0.875	
Ethylbenzene*	<0.050	0.050	01/13/2021	ND	1.96	97.9	2.00	0.915	
Total Xylenes*	<0.150	0.150	01/13/2021	ND	5.75	95.9	6.00	1.20	
Total BTEX	<0.300	0.300	01/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/14/2021	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	01/13/2021	ND	208	104	200	5.97	
DRO >C10-C28*	<10.0	10.0	01/13/2021	ND	209	105	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	01/13/2021	ND					

Surrogate: 1-Chlorooctane 82.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 85.7 % 42.2-156

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/13/2021	Sampling Date:	01/13/2021
Reported:	01/14/2021	Sampling Type:	Soil
Project Name:	DCP - 11117 LINE LEAK 1	Sampling Condition:	Cool & Intact
Project Number:	NRM2016953070	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: SOIL BORE - 2 @ 20' (H210082-08)

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	01/13/2021	ND	2.01	100	2.00	0.534	
Toluene*	<0.050	0.050	01/13/2021	ND	2.01	100	2.00	0.875	
Ethylbenzene*	<0.050	0.050	01/13/2021	ND	1.96	97.9	2.00	0.915	
Total Xylenes*	<0.150	0.150	01/13/2021	ND	5.75	95.9	6.00	1.20	
Total BTEX	<0.300	0.300	01/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.3-129

Chloride, SM4500CI-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	01/14/2021	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	01/13/2021	ND	208	104	200	5.97	
DRO >C10-C28*	<10.0	10.0	01/13/2021	ND	209	105	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	01/13/2021	ND					

Surrogate: 1-Chlorooctane 74.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 77.9 % 42.2-156

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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:	01/13/2021	Sampling Date:	01/13/2021
Reported:	01/14/2021	Sampling Type:	Soil
Project Name:	DCP - 11117 LINE LEAK 1	Sampling Condition:	Cool & Intact
Project Number:	NRM2016953070	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: SOIL BORE - 3 @ 5' (H210082-09)

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	01/13/2021	ND	2.01	100	2.00	0.534	
Toluene*	<0.050	0.050	01/13/2021	ND	2.01	100	2.00	0.875	
Ethylbenzene*	<0.050	0.050	01/13/2021	ND	1.96	97.9	2.00	0.915	
Total Xylenes*	<0.150	0.150	01/13/2021	ND	5.75	95.9	6.00	1.20	
Total BTEX	<0.300	0.300	01/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 73.3-129

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	01/14/2021	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	01/13/2021	ND	208	104	200	5.97	
DRO >C10-C28*	<10.0	10.0	01/13/2021	ND	209	105	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	01/13/2021	ND					

Surrogate: 1-Chlorooctane 79.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 82.0 % 42.2-156

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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:	01/13/2021	Sampling Date:	01/13/2021
Reported:	01/14/2021	Sampling Type:	Soil
Project Name:	DCP - 11117 LINE LEAK 1	Sampling Condition:	Cool & Intact
Project Number:	NRM2016953070	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: SOIL BORE - 3 @ 10' (H210082-10)

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	01/14/2021	ND	1.99	99.4	2.00	0.0428	
Toluene*	<0.050	0.050	01/14/2021	ND	1.98	98.9	2.00	0.520	
Ethylbenzene*	<0.050	0.050	01/14/2021	ND	1.92	96.1	2.00	0.159	
Total Xylenes*	<0.150	0.150	01/14/2021	ND	5.65	94.1	6.00	0.399	
Total BTEX	<0.300	0.300	01/14/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/14/2021	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	01/13/2021	ND	208	104	200	5.97	
DRO >C10-C28*	<10.0	10.0	01/13/2021	ND	209	105	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	01/13/2021	ND					

Surrogate: 1-Chlorooctane 80.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.4 % 42.2-156

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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:	01/13/2021	Sampling Date:	01/13/2021
Reported:	01/14/2021	Sampling Type:	Soil
Project Name:	DCP - 11117 LINE LEAK 1	Sampling Condition:	Cool & Intact
Project Number:	NRM2016953070	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: SOIL BORE - 3 @ 15' (H210082-11)

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	01/14/2021	ND	1.99	99.4	2.00	0.0428	
Toluene*	<0.050	0.050	01/14/2021	ND	1.98	98.9	2.00	0.520	
Ethylbenzene*	<0.050	0.050	01/14/2021	ND	1.92	96.1	2.00	0.159	
Total Xylenes*	<0.150	0.150	01/14/2021	ND	5.65	94.1	6.00	0.399	
Total BTEX	<0.300	0.300	01/14/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 73.3-129

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	01/14/2021	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	01/13/2021	ND	208	104	200	5.97	
DRO >C10-C28*	<10.0	10.0	01/13/2021	ND	209	105	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	01/13/2021	ND					

Surrogate: 1-Chlorooctane 77.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 81.6 % 42.2-156

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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:	01/13/2021	Sampling Date:	01/13/2021
Reported:	01/14/2021	Sampling Type:	Soil
Project Name:	DCP - 11117 LINE LEAK 1	Sampling Condition:	Cool & Intact
Project Number:	NRM2016953070	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: SOIL BORE - 3 @ 20' (H210082-12)

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	01/14/2021	ND	1.99	99.4	2.00	0.0428	
Toluene*	<0.050	0.050	01/14/2021	ND	1.98	98.9	2.00	0.520	
Ethylbenzene*	<0.050	0.050	01/14/2021	ND	1.92	96.1	2.00	0.159	
Total Xylenes*	<0.150	0.150	01/14/2021	ND	5.65	94.1	6.00	0.399	
Total BTEX	<0.300	0.300	01/14/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/14/2021	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	01/13/2021	ND	208	104	200	5.97	
DRO >C10-C28*	<10.0	10.0	01/13/2021	ND	209	105	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	01/13/2021	ND					

Surrogate: 1-Chlorooctane 79.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 82.0 % 42.2-156

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:	01/13/2021	Sampling Date:	01/13/2021
Reported:	01/14/2021	Sampling Type:	Soil
Project Name:	DCP - 11117 LINE LEAK 1	Sampling Condition:	Cool & Intact
Project Number:	NRM2016953070	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: SOIL BORE - 4 @ 5' (H210082-13)

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	01/14/2021	ND	1.99	99.4	2.00	0.0428	
Toluene*	<0.050	0.050	01/14/2021	ND	1.98	98.9	2.00	0.520	
Ethylbenzene*	<0.050	0.050	01/14/2021	ND	1.92	96.1	2.00	0.159	
Total Xylenes*	<0.150	0.150	01/14/2021	ND	5.65	94.1	6.00	0.399	
Total BTEX	<0.300	0.300	01/14/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/14/2021	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	01/13/2021	ND	208	104	200	5.97	
DRO >C10-C28*	<10.0	10.0	01/13/2021	ND	209	105	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	01/13/2021	ND					

Surrogate: 1-Chlorooctane 77.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 81.0 % 42.2-156

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/13/2021	Sampling Date:	01/13/2021
Reported:	01/14/2021	Sampling Type:	Soil
Project Name:	DCP - 11117 LINE LEAK 1	Sampling Condition:	Cool & Intact
Project Number:	NRM2016953070	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: SOIL BORE - 4 @ 10' (H210082-14)

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	01/14/2021	ND	1.99	99.4	2.00	0.0428	
Toluene*	<0.050	0.050	01/14/2021	ND	1.98	98.9	2.00	0.520	
Ethylbenzene*	<0.050	0.050	01/14/2021	ND	1.92	96.1	2.00	0.159	
Total Xylenes*	<0.150	0.150	01/14/2021	ND	5.65	94.1	6.00	0.399	
Total BTEX	<0.300	0.300	01/14/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 73.3-129

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	01/14/2021	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	01/13/2021	ND	208	104	200	5.97	
DRO >C10-C28*	<10.0	10.0	01/13/2021	ND	209	105	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	01/13/2021	ND					

Surrogate: 1-Chlorooctane 81.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.9 % 42.2-156

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/13/2021	Sampling Date:	01/13/2021
Reported:	01/14/2021	Sampling Type:	Soil
Project Name:	DCP - 11117 LINE LEAK 1	Sampling Condition:	Cool & Intact
Project Number:	NRM2016953070	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: SOIL BORE - 4 @ 15' (H210082-15)

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	01/14/2021	ND	1.99	99.4	2.00	0.0428	
Toluene*	<0.050	0.050	01/14/2021	ND	1.98	98.9	2.00	0.520	
Ethylbenzene*	<0.050	0.050	01/14/2021	ND	1.92	96.1	2.00	0.159	
Total Xylenes*	<0.150	0.150	01/14/2021	ND	5.65	94.1	6.00	0.399	
Total BTEX	<0.300	0.300	01/14/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/14/2021	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	01/14/2021	ND	208	104	200	5.97	
DRO >C10-C28*	<10.0	10.0	01/14/2021	ND	209	105	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	01/14/2021	ND					

Surrogate: 1-Chlorooctane 80.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 83.8 % 42.2-156

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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:	01/13/2021	Sampling Date:	01/13/2021
Reported:	01/14/2021	Sampling Type:	Soil
Project Name:	DCP - 11117 LINE LEAK 1	Sampling Condition:	Cool & Intact
Project Number:	NRM2016953070	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: SOIL BORE - 4 @ 20' (H210082-16)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/14/2021	ND	1.99	99.4	2.00	0.0428	
Toluene*	<0.050	0.050	01/14/2021	ND	1.98	98.9	2.00	0.520	
Ethylbenzene*	<0.050	0.050	01/14/2021	ND	1.92	96.1	2.00	0.159	
Total Xylenes*	<0.150	0.150	01/14/2021	ND	5.65	94.1	6.00	0.399	
Total BTEX	<0.300	0.300	01/14/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.3-129

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	01/14/2021	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	01/14/2021	ND	208	104	200	5.97	
DRO >C10-C28*	<10.0	10.0	01/14/2021	ND	209	105	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	01/14/2021	ND					

Surrogate: 1-Chlorooctane 83.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 86.4 % 42.2-156

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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:	01/13/2021	Sampling Date:	01/13/2021
Reported:	01/14/2021	Sampling Type:	Soil
Project Name:	DCP - 11117 LINE LEAK 1	Sampling Condition:	Cool & Intact
Project Number:	NRM2016953070	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: SOIL BORE - 5 @ 5' (H210082-17)

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	01/14/2021	ND	1.99	99.4	2.00	0.0428	
Toluene*	<0.050	0.050	01/14/2021	ND	1.98	98.9	2.00	0.520	
Ethylbenzene*	<0.050	0.050	01/14/2021	ND	1.92	96.1	2.00	0.159	
Total Xylenes*	<0.150	0.150	01/14/2021	ND	5.65	94.1	6.00	0.399	
Total BTEX	<0.300	0.300	01/14/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 73.3-129

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	01/14/2021	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	01/14/2021	ND	208	104	200	5.97	
DRO >C10-C28*	<10.0	10.0	01/14/2021	ND	209	105	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	01/14/2021	ND					

Surrogate: 1-Chlorooctane 76.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 79.8 % 42.2-156

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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:	01/13/2021	Sampling Date:	01/13/2021
Reported:	01/14/2021	Sampling Type:	Soil
Project Name:	DCP - 11117 LINE LEAK 1	Sampling Condition:	Cool & Intact
Project Number:	NRM2016953070	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: SOIL BORE - 5 @ 10' (H210082-18)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/14/2021	ND	1.99	99.4	2.00	0.0428	
Toluene*	<0.050	0.050	01/14/2021	ND	1.98	98.9	2.00	0.520	
Ethylbenzene*	<0.050	0.050	01/14/2021	ND	1.92	96.1	2.00	0.159	
Total Xylenes*	<0.150	0.150	01/14/2021	ND	5.65	94.1	6.00	0.399	
Total BTEX	<0.300	0.300	01/14/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/14/2021	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	01/14/2021	ND	208	104	200	5.97	
DRO >C10-C28*	<10.0	10.0	01/14/2021	ND	209	105	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	01/14/2021	ND					

Surrogate: 1-Chlorooctane 77.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.5 % 42.2-156

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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:	01/13/2021	Sampling Date:	01/13/2021
Reported:	01/14/2021	Sampling Type:	Soil
Project Name:	DCP - 11117 LINE LEAK 1	Sampling Condition:	Cool & Intact
Project Number:	NRM2016953070	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: SOIL BORE - 5 @ 15' (H210082-19)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/14/2021	ND	1.99	99.4	2.00	0.0428	
Toluene*	<0.050	0.050	01/14/2021	ND	1.98	98.9	2.00	0.520	
Ethylbenzene*	<0.050	0.050	01/14/2021	ND	1.92	96.1	2.00	0.159	
Total Xylenes*	<0.150	0.150	01/14/2021	ND	5.65	94.1	6.00	0.399	
Total BTEX	<0.300	0.300	01/14/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/14/2021	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	01/13/2021	ND	220	110	200	0.0774	
DRO >C10-C28*	<10.0	10.0	01/13/2021	ND	204	102	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	01/13/2021	ND					

Surrogate: 1-Chlorooctane 95.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 92.9 % 42.2-156

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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:	01/13/2021	Sampling Date:	01/13/2021
Reported:	01/14/2021	Sampling Type:	Soil
Project Name:	DCP - 11117 LINE LEAK 1	Sampling Condition:	Cool & Intact
Project Number:	NRM2016953070	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: SOIL BORE - 5 @ 20' (H210082-20)

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	01/14/2021	ND	1.99	99.4	2.00	0.0428	
Toluene*	<0.050	0.050	01/14/2021	ND	1.98	98.9	2.00	0.520	
Ethylbenzene*	<0.050	0.050	01/14/2021	ND	1.92	96.1	2.00	0.159	
Total Xylenes*	<0.150	0.150	01/14/2021	ND	5.65	94.1	6.00	0.399	
Total BTEX	<0.300	0.300	01/14/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 73.3-129

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	01/14/2021	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	01/13/2021	ND	220	110	200	0.0774	
DRO >C10-C28*	<10.0	10.0	01/13/2021	ND	204	102	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	01/13/2021	ND					

Surrogate: 1-Chlorooctane 88.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.7 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

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Celey D. Keene, Lab Director/Quality Manager



ARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Tasman Geosciences, LLC
 Project Manager: Kyle Norman
 Address: 2620 W Marland Blvd
 City: Hobbs State: NM Zip: 88240
 Phone #: 575-318-5017 Fax #: 575-318-5017
 Project #: NMR 2016953070 Project Owner: DCP Midstream
 Project Name: DCP
 Project Location: 11117 Line Leak 1
 Sampler Name: Becky Griffin
 P.O. #: Company: Tasman Geo
 Attn: Kyle Norman
 Address: 2620 W. Marland
 City: Hobbs State: NM Zip: 88240
 Phone #: 575-318-5017
 Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV			DATE	TIME	Chlorides	TPH 8015 M	BTEX	Texas TPH	CompleteCations/Anions	TDS	RUSH	HOLD
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :										
4210083	1		1										1/13/21		✓	✓	✓				✓	
	2		1	✓									1/13/21		✓	✓	✓				✓	
	3		1	✓									1/13/21		✓	✓	✓				✓	
	4		1	✓									1/13/21		✓	✓	✓				✓	
	5		1	✓									1/13/21		✓	✓	✓				✓	
	7		1	✓									1/13/21		✓	✓	✓				✓	
	8		1	✓									1/13/21		✓	✓	✓				✓	

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

Relinquished By: [Signature] Date: 1-13-21 Received By: [Signature] Date: 1/13/21
 Relinquished By: [Signature] Date: 1/13/21 Received By: [Signature] Date: 1/13/21
 Delivered By: (Circle One) Sample Condition Cool Intact Yes No
 Sampler - UPS - Bus - Other: 4.1c #113 Sample Condition Cool Intact Yes No
 CHECKED BY: (Initials) YP

† 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 to: knorman@tasman-geo.com, bgriffin@tasman-geo.com, SWWeathers@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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Tasman Geosciences, LLC
 Project Manager: Kyle Norman
 Address: 2620 W Marland Blvd
 City: Hobbs
 Phone #: 575-318-5017
 Project #: NMR 2016953070
 Project Name: DCP
 Project Location: 11117 Line Leak 1
 Sampler Name: Becky Griffin

P.O. #: **BILL TO**
 Company: Tasman Geo
 Attn: Kyle Norman
 Address: 2620 W. Marland
 City: Hobbs
 State: NM Zip: 88240
 Phone #: 575-318-5017
 Fax #:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	Chlorides	TPH 8015 M	BTEX	Texas TPH	CompleteCations/Anions	TDS	RUSH	HOLD	
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:											ICE / COOL
9	Soil Bore - 3 @ 5'		1			✓					1/13/21		✓								
10	Soil Bore - 3 @ 10'		1			✓					1/13/21		✓								
11	Soil Bore - 3 @ 15'		1			✓					1/13/21		✓								
12	Soil Bore - 3 @ 20'		1			✓					1/13/21		✓								
13	Soil Bore - 4 @ 5'		1			✓					1/13/21		✓								
14	Soil Bore - 4 @ 10'		1			✓					1/13/21		✓								
15	Soil Bore - 4 @ 15'		1			✓					1/13/21		✓								
16	Soil Bore - 4 @ 20'		1			✓					1/13/21		✓								

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Relinquished By: *Becky Griffin* Date: 1-13-21 Received By: *Kyle Norman*
 Relinquished By: *Becky Griffin* Date: 1/13/21 Received By: *Kyle Norman*

Delivered By: (Circle One)
 Sampler - UPS - Bus - Other: *4.1e #113*

Sample Condition: Cool Intact
 YES NO

CHECKED BY: *Be*

Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:
 REMARKS:
 email results to: knorman@tasman-geo.com,
 bgriffin@tasman-geo.com,
 SWWeathers@dcprmidstream.com

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Tasman Geosciences, LLC
 Project Manager: Kyle Norman
 Address: 2620 W Marland Blvd
 City: Hobbs State: NM Zip: 88240
 Phone #: 575-318-5017 Fax #: 575-318-5017
 Project #: NMR 2016953070 Project Owner: DCP Midstream
 Project Name: DCP
 Project Location: 11117 Line Leak 1
 Sampler Name: Becky Griffin
 P.O. #: Company: Tasman Geo
 Attn: Kyle Norman
 Address: 2620 W. Marland
 City: Hobbs State: NM Zip: 88240
 Phone #: 575-318-5017
 Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chlorides	TPH 8015 M	BTEX	Texas TPH	CompleteCations/Anions	TDS	RUSH	HOLD
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :										
H210082	17		1			✓				1/13/21		✓	✓	✓				✓	
	18		1			✓				1/13/21		✓	✓	✓				✓	
	19		1			✓				1/13/21		✓	✓	✓				✓	
	20		1			✓				1/13/21		✓	✓	✓				✓	

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Relinquished By: *Becky Griffin* Date: 1-13-21 Received By: *Kyle Norman* Date: 1-13-21
 Relinquished By: *Becky Griffin* Date: 1-13-21 Received By: *Kyle Norman* Date: 1-13-21

Delivered By: (Circle One) UPS Bus Other: *4110 #113*

Sample Condition: Cool Intact Yes No No No No

CHECKED BY: *V.E.*

Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:
 REMARKS:
 email results to: knorman@tasman-geo.com, bgriffin@tasman-geo.com, SWWeathers@dcpmidstream.com

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



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

February 04, 2021

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

RE: DCP - 11117 LINE LEAK 1

Enclosed are the results of analyses for samples received by the laboratory on 02/03/21 15:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. 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, flowing "C" at the beginning.

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:	02/03/2021	Sampling Date:	02/03/2021
Reported:	02/04/2021	Sampling Type:	Soil
Project Name:	DCP - 11117 LINE LEAK 1	Sampling Condition:	Cool & Intact
Project Number:	NRM2016953070	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: 5 PT COMP BOTTOM -1 @ 10' (H210276-01)

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	02/03/2021	ND	217	109	200	5.08	
DRO >C10-C28*	428	10.0	02/03/2021	ND	233	116	200	4.53	QM-07, QR-03
EXT DRO >C28-C36	90.9	10.0	02/03/2021	ND					
<hr/>									
Surrogate: 1-Chlorooctane	80.6 %	44.3-144							
Surrogate: 1-Chlorooctadecane	97.2 %	42.2-156							

Sample ID: 5 PT COMP BOTTOM -2 @ 10' (H210276-02)

TPH 8015M	mg/kg	Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	10.9	10.0	02/03/2021	ND	217	109	200	5.08	
DRO >C10-C28*	962	10.0	02/03/2021	ND	233	116	200	4.53	
EXT DRO >C28-C36	203	10.0	02/03/2021	ND					
<hr/>									
Surrogate: 1-Chlorooctane	89.0 %	44.3-144							
Surrogate: 1-Chlorooctadecane	101 %	42.2-156							

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:	02/03/2021	Sampling Date:	02/03/2021
Reported:	02/04/2021	Sampling Type:	Soil
Project Name:	DCP - 11117 LINE LEAK 1	Sampling Condition:	Cool & Intact
Project Number:	NRM2016953070	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: 5 PT COMP BOTTOM -3 @ 10' (H210276-03)

TPH 8015M	mg/kg	Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	17.4	10.0	02/03/2021	ND	217	109	200	5.08	
DRO >C10-C28*	874	10.0	02/03/2021	ND	233	116	200	4.53	
EXT DRO >C28-C36	192	10.0	02/03/2021	ND					

Surrogate: 1-Chlorooctane 85.8 % 44.3-144
 Surrogate: 1-Chlorooctadecane 94.6 % 42.2-156

Sample ID: 5 PT COMP BOTTOM -4 @ 10' (H210276-04)

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	02/03/2021	ND	217	109	200	5.08	
DRO >C10-C28*	306	10.0	02/03/2021	ND	233	116	200	4.53	
EXT DRO >C28-C36	67.8	10.0	02/03/2021	ND					

Surrogate: 1-Chlorooctane 79.4 % 44.3-144
 Surrogate: 1-Chlorooctadecane 89.0 % 42.2-156

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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:	02/03/2021	Sampling Date:	02/03/2021
Reported:	02/04/2021	Sampling Type:	Soil
Project Name:	DCP - 11117 LINE LEAK 1	Sampling Condition:	Cool & Intact
Project Number:	NRM2016953070	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: 5 PT COMP BOTTOM -5 @ 10' (H210276-05)

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	02/03/2021	ND	217	109	200	5.08	
DRO >C10-C28*	168	10.0	02/03/2021	ND	233	116	200	4.53	
EXT DRO >C28-C36	38.4	10.0	02/03/2021	ND					
<i>Surrogate: 1-Chlorooctane</i>	<i>83.8 %</i>	<i>44.3-144</i>							
<i>Surrogate: 1-Chlorooctadecane</i>	<i>91.5 %</i>	<i>42.2-156</i>							

Sample ID: 5 PT COMP BOTTOM -6 @ 10' (H210276-06)

TPH 8015M	mg/kg	Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	53.7	10.0	02/03/2021	ND	217	109	200	5.08	
DRO >C10-C28*	1060	10.0	02/03/2021	ND	233	116	200	4.53	
EXT DRO >C28-C36	194	10.0	02/03/2021	ND					
<i>Surrogate: 1-Chlorooctane</i>	<i>92.1 %</i>	<i>44.3-144</i>							
<i>Surrogate: 1-Chlorooctadecane</i>	<i>96.3 %</i>	<i>42.2-156</i>							

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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:	02/03/2021	Sampling Date:	02/03/2021
Reported:	02/04/2021	Sampling Type:	Soil
Project Name:	DCP - 11117 LINE LEAK 1	Sampling Condition:	Cool & Intact
Project Number:	NRM2016953070	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: 5 PT COMP BOTTOM -7 @ 10' (H210276-07)

TPH 8015M	mg/kg	Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	17.9	10.0	02/03/2021	ND	217	109	200	5.08	
DRO >C10-C28*	790	10.0	02/03/2021	ND	233	116	200	4.53	
EXT DRO >C28-C36	169	10.0	02/03/2021	ND					
<i>Surrogate: 1-Chlorooctane</i>	<i>80.1 %</i>	<i>44.3-144</i>							
<i>Surrogate: 1-Chlorooctadecane</i>	<i>89.6 %</i>	<i>42.2-156</i>							

Sample ID: 5 PT COMP BOTTOM -8 @ 10' (H210276-08)

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	02/03/2021	ND	217	109	200	5.08	
DRO >C10-C28*	109	10.0	02/03/2021	ND	233	116	200	4.53	
EXT DRO >C28-C36	23.0	10.0	02/03/2021	ND					
<i>Surrogate: 1-Chlorooctane</i>	<i>74.2 %</i>	<i>44.3-144</i>							
<i>Surrogate: 1-Chlorooctadecane</i>	<i>80.4 %</i>	<i>42.2-156</i>							

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



ARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

Company Name: Tasman Geosciences, LLC
 Project Manager: Kyle Norman
 Address: 2620 W Marland Blvd
 City: Hobbs State: NM Zip: 88240
 Phone #: 575-318-5017 Fax #:
 Project #: NRM 2016953070 Project Owner: DCP Midstream
 Project Name: DCP
 Project Location: 11117 Line Leak 1
 Sampler Name: Becky Griffin
 P.O. #: Company: Tasman Geo
 Attn: Kyle Norman
 Address: 2620 W. Marland
 City: Hobbs
 State: NM Zip: 88240
 Phone #: 575-318-5017
 Fax #:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	Chlorides	TPH 8015 M	BTEX	Texas TPH	CompleteCations/Anions	TDS	RUSH	HOLD	
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:											ICE / COOL
Halbarta	1		1	✓							2/3/21		✓								
	2		1	✓							2/3/21		✓								
	3		1	✓							2/3/21		✓								
	4		1	✓							2/3/21		✓								
	5		1	✓							2/3/21		✓								
	6		1	✓							2/3/21		✓								
	7		1	✓							2/3/21		✓								
	8		1	✓							2/3/21		✓								

PLEASE NOTE: Liability and Damages: Cardinal's liability and clients' exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, 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: [Signature]
 Date: 2-3-21
 Time: 1510
 Received By: [Signature]
 Date: [Blank]
 Time: [Blank]

Delivered By: (Circle One)
 Sampler - UPS - Bus - Other: 1.4c #113
 Sample Condition: Cool Intact
 Yes No
 CHECKED BY: [Signature] (Initials)

Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:
 REMARKS:
 email results to: knorman@tasman-geo.com,
 bgriffin@tasman-geo.com,
 SWWeathers@dcpmidstream.com

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



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

February 05, 2021

KYLE NORMAN

TASMAN GEOSCIENCES

6899 PECOS ST. UNIT C

DENVER, CO 80221

RE: DCP - 11117 LINE LEAK 1

Enclosed are the results of analyses for samples received by the laboratory on 02/03/21 15:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

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

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

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

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

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

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TASMAN GEOSCIENCES 6899 PECOS ST. UNIT C DENVER CO, 80221	Project: DCP - 11117 LINE LEAK 1 Project Number: NRM2016953070 Project Manager: KYLE NORMAN Fax To:	Reported: 05-Feb-21 16:15
---	--	------------------------------

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
5 PT COMP NORTH WALL -1	H210277-01	Soil	03-Feb-21 00:00	03-Feb-21 15:10
5 PT COMP NORTH WALL -2	H210277-02	Soil	03-Feb-21 00:00	03-Feb-21 15:10
5 PT COMP SOUTH WALL -1	H210277-03	Soil	03-Feb-21 00:00	03-Feb-21 15:10
5 PT COMP SOUTH WALL -2	H210277-04	Soil	03-Feb-21 00:00	03-Feb-21 15:10
5 PT COMP EAST WALL -1	H210277-05	Soil	03-Feb-21 00:00	03-Feb-21 15:10
5 PT COMP EAST WALL -2	H210277-06	Soil	03-Feb-21 00:00	03-Feb-21 15:10
5 PT COMP WEST WALL -1	H210277-07	Soil	03-Feb-21 00:00	03-Feb-21 15:10
5 PT COMP WEST WALL -2	H210277-08	Soil	03-Feb-21 00:00	03-Feb-21 15:10

02/05/21 - Client added BTEX and Chloride. This is the revised report and will replace the one sent on 02/04/21.

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: DCP - 11117 LINE LEAK 1
Project Number: NRM2016953070
Project Manager: KYLE NORMAN
Fax To:

Reported:
05-Feb-21 16:15

5 PT COMP NORTH WALL -1
H210277-01 (Soil)

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

Chloride	<16.0		16.0	mg/kg	4	1020519	GM	05-Feb-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1020410	MS	05-Feb-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1020410	MS	05-Feb-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1020410	MS	05-Feb-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1020410	MS	05-Feb-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1020410	MS	05-Feb-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129 1020410 MS 05-Feb-21 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1020307	MS	03-Feb-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1020307	MS	03-Feb-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1020307	MS	03-Feb-21	8015B	

Surrogate: 1-Chlorooctane 79.2 % 44.3-144 1020307 MS 03-Feb-21 8015B

Surrogate: 1-Chlorooctadecane 81.1 % 42.2-156 1020307 MS 03-Feb-21 8015B

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: DCP - 11117 LINE LEAK 1
Project Number: NRM2016953070
Project Manager: KYLE NORMAN
Fax To:

Reported:
05-Feb-21 16:15

5 PT COMP NORTH WALL -2**H210277-02 (Soil)**

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

Chloride	<16.0		16.0	mg/kg	4	1020519	GM	05-Feb-21	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1020410	MS	05-Feb-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1020410	MS	05-Feb-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1020410	MS	05-Feb-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1020410	MS	05-Feb-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1020410	MS	05-Feb-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 73.3-129 1020410 MS 05-Feb-21 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1020307	MS	03-Feb-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1020307	MS	03-Feb-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1020307	MS	03-Feb-21	8015B	

Surrogate: 1-Chlorooctane 78.5 % 44.3-144 1020307 MS 03-Feb-21 8015B

Surrogate: 1-Chlorooctadecane 78.7 % 42.2-156 1020307 MS 03-Feb-21 8015B

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: DCP - 11117 LINE LEAK 1
Project Number: NRM2016953070
Project Manager: KYLE NORMAN
Fax To:

Reported:
05-Feb-21 16:15

5 PT COMP SOUTH WALL -1**H210277-03 (Soil)**

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

Chloride	32.0		16.0	mg/kg	4	1020519	GM	05-Feb-21	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1020410	MS	05-Feb-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1020410	MS	05-Feb-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1020410	MS	05-Feb-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1020410	MS	05-Feb-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1020410	MS	05-Feb-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			101 %	73.3-129		1020410	MS	05-Feb-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1020307	MS	03-Feb-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1020307	MS	03-Feb-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1020307	MS	03-Feb-21	8015B	

Surrogate: 1-Chlorooctane			82.0 %	44.3-144		1020307	MS	03-Feb-21	8015B	
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Surrogate: 1-Chlorooctadecane			83.5 %	42.2-156		1020307	MS	03-Feb-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: DCP - 11117 LINE LEAK 1
Project Number: NRM2016953070
Project Manager: KYLE NORMAN
Fax To:

Reported:
05-Feb-21 16:15

5 PT COMP SOUTH WALL -2**H210277-04 (Soil)**

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

Chloride	96.0		16.0	mg/kg	4	1020520	GM	05-Feb-21	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1020410	MS	05-Feb-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1020410	MS	05-Feb-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1020410	MS	05-Feb-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1020410	MS	05-Feb-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1020410	MS	05-Feb-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			102 %	73.3-129		1020410	MS	05-Feb-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1020307	MS	03-Feb-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1020307	MS	03-Feb-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1020307	MS	03-Feb-21	8015B	

Surrogate: 1-Chlorooctane			78.1 %	44.3-144		1020307	MS	03-Feb-21	8015B	
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Surrogate: 1-Chlorooctadecane			78.2 %	42.2-156		1020307	MS	03-Feb-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TASMAN GEOSCIENCES 6899 PECOS ST. UNIT C DENVER CO, 80221	Project: DCP - 11117 LINE LEAK 1 Project Number: NRM2016953070 Project Manager: KYLE NORMAN Fax To:	Reported: 05-Feb-21 16:15
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5 PT COMP EAST WALL -1

H210277-05 (Soil)

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

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1020307	MS	04-Feb-21	8015B	
DRO >C10-C28*	349		10.0	mg/kg	1	1020307	MS	04-Feb-21	8015B	
EXT DRO >C28-C36	79.9		10.0	mg/kg	1	1020307	MS	04-Feb-21	8015B	
<i>Surrogate: 1-Chlorooctane</i>			<i>81.6 %</i>	<i>44.3-144</i>		<i>1020307</i>	<i>MS</i>	<i>04-Feb-21</i>	<i>8015B</i>	
<i>Surrogate: 1-Chlorooctadecane</i>			<i>98.6 %</i>	<i>42.2-156</i>		<i>1020307</i>	<i>MS</i>	<i>04-Feb-21</i>	<i>8015B</i>	

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Analytical Results For:

TASMAN GEOSCIENCES 6899 PECOS ST. UNIT C DENVER CO, 80221	Project: DCP - 11117 LINE LEAK 1 Project Number: NRM2016953070 Project Manager: KYLE NORMAN Fax To:	Reported: 05-Feb-21 16:15
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**5 PT COMP EAST WALL -2
H210277-06 (Soil)**

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

Inorganic Compounds

Chloride	32.0		16.0	mg/kg	4	1020520	GM	05-Feb-21	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1020410	MS	05-Feb-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1020410	MS	05-Feb-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1020410	MS	05-Feb-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1020410	MS	05-Feb-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1020410	MS	05-Feb-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			101 %	73.3-129		1020410	MS	05-Feb-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1020307	MS	04-Feb-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1020307	MS	04-Feb-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1020307	MS	04-Feb-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			76.4 %	44.3-144		1020307	MS	04-Feb-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			77.4 %	42.2-156		1020307	MS	04-Feb-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: DCP - 11117 LINE LEAK 1
Project Number: NRM2016953070
Project Manager: KYLE NORMAN
Fax To:

Reported:
05-Feb-21 16:15

5 PT COMP WEST WALL -1**H210277-07 (Soil)**

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

Chloride	144		16.0	mg/kg	4	1020520	GM	05-Feb-21	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1020410	MS	05-Feb-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1020410	MS	05-Feb-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1020410	MS	05-Feb-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1020410	MS	05-Feb-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1020410	MS	05-Feb-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			101 %	73.3-129		1020410	MS	05-Feb-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1020307	MS	04-Feb-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1020307	MS	04-Feb-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1020307	MS	04-Feb-21	8015B	

Surrogate: 1-Chlorooctane			79.0 %	44.3-144		1020307	MS	04-Feb-21	8015B	
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Surrogate: 1-Chlorooctadecane			77.0 %	42.2-156		1020307	MS	04-Feb-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TASMAN GEOSCIENCES 6899 PECOS ST. UNIT C DENVER CO, 80221	Project: DCP - 11117 LINE LEAK 1 Project Number: NRM2016953070 Project Manager: KYLE NORMAN Fax To:	Reported: 05-Feb-21 16:15
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**5 PT COMP WEST WALL -2
H210277-08 (Soil)**

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

Inorganic Compounds

Chloride	64.0		16.0	mg/kg	4	1020520	GM	05-Feb-21	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1020410	MS	05-Feb-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1020410	MS	05-Feb-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1020410	MS	05-Feb-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1020410	MS	05-Feb-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1020410	MS	05-Feb-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			101 %	73.3-129		1020410	MS	05-Feb-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1020307	MS	04-Feb-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1020307	MS	04-Feb-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1020307	MS	04-Feb-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			84.7 %	44.3-144		1020307	MS	04-Feb-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			83.0 %	42.2-156		1020307	MS	04-Feb-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TASMAN GEOSCIENCES 6899 PECOS ST. UNIT C DENVER CO, 80221	Project: DCP - 11117 LINE LEAK 1 Project Number: NRM2016953070 Project Manager: KYLE NORMAN Fax To:	Reported: 05-Feb-21 16:15
---	--	------------------------------

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1020519 - 1:4 DI Water

Blank (1020519-BLK1) Prepared & Analyzed: 05-Feb-21

Chloride	ND	16.0	mg/kg							
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LCS (1020519-BS1) Prepared & Analyzed: 05-Feb-21

Chloride	400	16.0	mg/kg	400		100	80-120			
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LCS Dup (1020519-BSD1) Prepared & Analyzed: 05-Feb-21

Chloride	416	16.0	mg/kg	400		104	80-120	3.92	20	
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Batch 1020520 - 1:4 DI Water

Blank (1020520-BLK1) Prepared & Analyzed: 05-Feb-21

Chloride	ND	16.0	mg/kg							
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LCS (1020520-BS1) Prepared & Analyzed: 05-Feb-21

Chloride	416	16.0	mg/kg	400		104	80-120			
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LCS Dup (1020520-BSD1) Prepared & Analyzed: 05-Feb-21

Chloride	416	16.0	mg/kg	400		104	80-120	0.00	20	
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Analytical Results For:

TASMAN GEOSCIENCES 6899 PECOS ST. UNIT C DENVER CO, 80221	Project: DCP - 11117 LINE LEAK 1 Project Number: NRM2016953070 Project Manager: KYLE NORMAN Fax To:	Reported: 05-Feb-21 16:15
---	--	------------------------------

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1020410 - Volatiles

Blank (1020410-BLK1)

Prepared: 04-Feb-21 Analyzed: 05-Feb-21

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		99.7	73.3-129			

LCS (1020410-BS1)

Prepared: 04-Feb-21 Analyzed: 05-Feb-21

Benzene	1.99	0.050	mg/kg	2.00		99.5	72.2-131			
Toluene	1.94	0.050	mg/kg	2.00		96.8	71.7-126			
Ethylbenzene	1.89	0.050	mg/kg	2.00		94.6	68.9-126			
Total Xylenes	5.54	0.150	mg/kg	6.00		92.3	71.4-125			
Surrogate: 4-Bromofluorobenzene (PID)	0.0476		mg/kg	0.0500		95.3	73.3-129			

LCS Dup (1020410-BSD1)

Prepared: 04-Feb-21 Analyzed: 05-Feb-21

Benzene	2.12	0.050	mg/kg	2.00		106	72.2-131	6.51	14.6	
Toluene	2.07	0.050	mg/kg	2.00		103	71.7-126	6.66	17.4	
Ethylbenzene	2.02	0.050	mg/kg	2.00		101	68.9-126	6.69	18.9	
Total Xylenes	5.91	0.150	mg/kg	6.00		98.4	71.4-125	6.40	18.5	
Surrogate: 4-Bromofluorobenzene (PID)	0.0472		mg/kg	0.0500		94.4	73.3-129			

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: DCP - 11117 LINE LEAK 1
Project Number: NRM2016953070
Project Manager: KYLE NORMAN
Fax To:

Reported:
05-Feb-21 16:15

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1020307 - General Prep - Organics**Blank (1020307-BLK1)**

Prepared & Analyzed: 03-Feb-21

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
<i>Surrogate: 1-Chlorooctane</i>	43.1		mg/kg	50.0		86.3	44.3-144			
<i>Surrogate: 1-Chlorooctadecane</i>	45.3		mg/kg	50.0		90.5	42.2-156			

LCS (1020307-BS1)

Prepared & Analyzed: 03-Feb-21

GRO C6-C10	217	10.0	mg/kg	200		109	83.7-135			
DRO >C10-C28	233	10.0	mg/kg	200		116	80.4-133			
Total TPH C6-C28	450	10.0	mg/kg	400		112	83.1-133			
<i>Surrogate: 1-Chlorooctane</i>	42.6		mg/kg	50.0		85.2	44.3-144			
<i>Surrogate: 1-Chlorooctadecane</i>	44.6		mg/kg	50.0		89.3	42.2-156			

LCS Dup (1020307-BSD1)

Prepared & Analyzed: 03-Feb-21

GRO C6-C10	229	10.0	mg/kg	200		114	83.7-135	5.08	13.8	
DRO >C10-C28	243	10.0	mg/kg	200		122	80.4-133	4.53	22.1	
Total TPH C6-C28	472	10.0	mg/kg	400		118	83.1-133	4.80	17.7	
<i>Surrogate: 1-Chlorooctane</i>	44.3		mg/kg	50.0		88.7	44.3-144			
<i>Surrogate: 1-Chlorooctadecane</i>	46.4		mg/kg	50.0		92.7	42.2-156			

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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Tasman Geosciences, LLC
 Project Manager: Kyle Norman
 Address: 2620 W Marland Blvd
 City: Hobbs State: NM Zip: 88240
 Phone #: 575-318-5017 Fax #: 575-318-5017
 Project #: NRM 2016953070 Project Owner: DCP Midstream
 Project Name: DCP
 Project Location: 11117 Line Leak 1
 Sampler Name: Becky Griffin
 P.O. #: Company: Tasman Geo
 Attn: Kyle Norman
 Address: 2620 W. Marland
 City: Hobbs State: NM Zip: 88240
 Phone #: 575-318-5017 Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.			DATE	TIME	Chlorides	TPH 8015 M	BTEX	Texas TPH	CompleteCations/Anions	TDS	RUSH	HOLD
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :										
H216877	1		1	✓								2/3/21		X	✓	X					✓	
	2		1	✓								2/3/21		✓	✓						✓	
	3		1	✓								2/3/21		✓	✓						✓	
	4		1	✓								2/3/21		✓	✓						✓	
	5		1	✓								2/3/21		✓	✓						✓	
	6		1	✓								2/3/21		✓	✓						✓	
	7		1	✓								2/3/21		✓	✓						✓	
	8		1	✓								2/3/21		✓	✓						✓	

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Relinquished By: *[Signature]* Date: 2-3-21
 Received By: *[Signature]*
 Relinquished By: *[Signature]* Date: 1-5-10
 Received By: *[Signature]*
 Delivered By: (Circle One) UPS - Bus - Other: 1.4c #113
 Sample Condition: Cool Intact
 Checked By: *[Signature]*

Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:
 REMARKS:
 email results to: knorman@tasman-geo.com,
 bgriffin@tasman-geo.com,
 SWWeathers@dcpmidstream.com

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



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

February 22, 2021

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

RE: DCP - 11117 LINE LEAK 1-3

Enclosed are the results of analyses for samples received by the laboratory on 02/08/21 15:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

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

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

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

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

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

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

Sincerely,

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

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

Project: DCP - 11117 LINE LEAK 1-3
Project Number: NOT GIVEN
Project Manager: KYLE NORMAN
Fax To:

Reported:
22-Feb-21 10:29

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
5 PT COMP EAST WALL - 2 EXTEND	H210315-01	Soil	08-Feb-21 00:00	08-Feb-21 15:00
5 PT COMP NORTH WALL - 3	H210315-02	Soil	08-Feb-21 00:00	08-Feb-21 15:00
5 PT COMP SOUTH WALL - 3	H210315-03	Soil	08-Feb-21 00:00	08-Feb-21 15:00
5 PT COMP EAST WALL - 3	H210315-04	Soil	08-Feb-21 00:00	08-Feb-21 15:00
5 PT COMP WEST WALL - 3	H210315-05	Soil	08-Feb-21 00:00	08-Feb-21 15:00

02/22/21 - Client added BTEX and Chloride on 02/19/21. This is the revised report and will replace the one sent on 02/09/21.

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Analytical Results For:

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

Project: DCP - 11117 LINE LEAK 1-3
Project Number: NOT GIVEN
Project Manager: KYLE NORMAN
Fax To:

Reported:
22-Feb-21 10:29

5 PT COMP EAST WALL - 2 EXTENDED
H210315-01 (Soil)

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

Chloride	48.0		16.0	mg/kg	4	1021905	GM	22-Feb-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1021902	MS	19-Feb-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1021902	MS	19-Feb-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1021902	MS	19-Feb-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1021902	MS	19-Feb-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1021902	MS	19-Feb-21	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			101 %	73.3-129		1021902	MS	19-Feb-21	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1020824	MS	09-Feb-21	8015B	
DRO >C10-C28*	15.0		10.0	mg/kg	1	1020824	MS	09-Feb-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1020824	MS	09-Feb-21	8015B	
Surrogate: 1-Chlorooctane			99.3 %	44.3-144		1020824	MS	09-Feb-21	8015B	
Surrogate: 1-Chlorooctadecane			103 %	42.2-156		1020824	MS	09-Feb-21	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: DCP - 11117 LINE LEAK 1-3
Project Number: NOT GIVEN
Project Manager: KYLE NORMAN
Fax To:

Reported:
22-Feb-21 10:29

5 PT COMP NORTH WALL - 3**H210315-02 (Soil)**

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

Chloride	16.0		16.0	mg/kg	4	1022204	GM	22-Feb-21	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1021902	MS	19-Feb-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1021902	MS	19-Feb-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1021902	MS	19-Feb-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1021902	MS	19-Feb-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1021902	MS	19-Feb-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			101 %	73.3-129		1021902	MS	19-Feb-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1020824	MS	09-Feb-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1020824	MS	09-Feb-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1020824	MS	09-Feb-21	8015B	

Surrogate: 1-Chlorooctane			99.0 %	44.3-144		1020824	MS	09-Feb-21	8015B	
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Surrogate: 1-Chlorooctadecane			102 %	42.2-156		1020824	MS	09-Feb-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: DCP - 11117 LINE LEAK 1-3
Project Number: NOT GIVEN
Project Manager: KYLE NORMAN
Fax To:

Reported:
22-Feb-21 10:29

5 PT COMP SOUTH WALL - 3**H210315-03 (Soil)**

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

Chloride	48.0		16.0	mg/kg	4	1022204	GM	22-Feb-21	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1021902	MS	19-Feb-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1021902	MS	19-Feb-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1021902	MS	19-Feb-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1021902	MS	19-Feb-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1021902	MS	19-Feb-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			101 %	73.3-129		1021902	MS	19-Feb-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1020824	MS	09-Feb-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1020824	MS	09-Feb-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1020824	MS	09-Feb-21	8015B	

Surrogate: 1-Chlorooctane			90.9 %	44.3-144		1020824	MS	09-Feb-21	8015B	
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Surrogate: 1-Chlorooctadecane			94.0 %	42.2-156		1020824	MS	09-Feb-21	8015B	
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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
6899 PECOS ST. UNIT C
DENVER CO, 80221

Project: DCP - 11117 LINE LEAK 1-3
Project Number: NOT GIVEN
Project Manager: KYLE NORMAN
Fax To:

Reported:
22-Feb-21 10:29

5 PT COMP EAST WALL - 3**H210315-04 (Soil)**

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

Chloride	32.0		16.0	mg/kg	4	1022204	GM	22-Feb-21	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1021902	MS	19-Feb-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1021902	MS	19-Feb-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1021902	MS	19-Feb-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1021902	MS	19-Feb-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1021902	MS	19-Feb-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			100 %	73.3-129		1021902	MS	19-Feb-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1020824	MS	09-Feb-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1020824	MS	09-Feb-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1020824	MS	09-Feb-21	8015B	

Surrogate: 1-Chlorooctane			91.9 %	44.3-144		1020824	MS	09-Feb-21	8015B	
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Surrogate: 1-Chlorooctadecane			93.4 %	42.2-156		1020824	MS	09-Feb-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: DCP - 11117 LINE LEAK 1-3
Project Number: NOT GIVEN
Project Manager: KYLE NORMAN
Fax To:

Reported:
22-Feb-21 10:29

5 PT COMP WEST WALL - 3**H210315-05 (Soil)**

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

Chloride	48.0		16.0	mg/kg	4	1022204	GM	22-Feb-21	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1021902	MS	19-Feb-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1021902	MS	19-Feb-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1021902	MS	19-Feb-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1021902	MS	19-Feb-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1021902	MS	19-Feb-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			101 %	73.3-129		1021902	MS	19-Feb-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1020824	MS	09-Feb-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1020824	MS	09-Feb-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1020824	MS	09-Feb-21	8015B	

Surrogate: 1-Chlorooctane			99.5 %	44.3-144		1020824	MS	09-Feb-21	8015B	
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Surrogate: 1-Chlorooctadecane			99.4 %	42.2-156		1020824	MS	09-Feb-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TASMAN GEOSCIENCES 6899 PECOS ST. UNIT C DENVER CO, 80221	Project: DCP - 11117 LINE LEAK 1-3 Project Number: NOT GIVEN Project Manager: KYLE NORMAN Fax To:	Reported: 22-Feb-21 10:29
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Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1021905 - 1:4 DI Water

Blank (1021905-BLK1)				Prepared & Analyzed: 19-Feb-21						
Chloride	ND	16.0	mg/kg							
LCS (1021905-BS1)				Prepared & Analyzed: 19-Feb-21						
Chloride	400	16.0	mg/kg	400		100	80-120			
LCS Dup (1021905-BSD1)				Prepared & Analyzed: 19-Feb-21						
Chloride	416	16.0	mg/kg	400		104	80-120	3.92	20	

Batch 1022204 - 1:4 DI Water

Blank (1022204-BLK1)				Prepared & Analyzed: 22-Feb-21						
Chloride	ND	16.0	mg/kg							
LCS (1022204-BS1)				Prepared & Analyzed: 22-Feb-21						
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (1022204-BSD1)				Prepared & Analyzed: 22-Feb-21						
Chloride	416	16.0	mg/kg	400		104	80-120	0.00	20	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: DCP - 11117 LINE LEAK 1-3
Project Number: NOT GIVEN
Project Manager: KYLE NORMAN
Fax To:

Reported:
22-Feb-21 10:29

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1021902 - Volatiles**Blank (1021902-BLK1)**

Prepared & Analyzed: 19-Feb-21

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0505		mg/kg	0.0500		101	73.3-129			

LCS (1021902-BS1)

Prepared & Analyzed: 19-Feb-21

Benzene	2.09	0.050	mg/kg	2.00		105	72.2-131			
Toluene	2.07	0.050	mg/kg	2.00		103	71.7-126			
Ethylbenzene	2.00	0.050	mg/kg	2.00		100	68.9-126			
Total Xylenes	5.84	0.150	mg/kg	6.00		97.3	71.4-125			
Surrogate: 4-Bromofluorobenzene (PID)	0.0489		mg/kg	0.0500		97.8	73.3-129			

LCS Dup (1021902-BSD1)

Prepared & Analyzed: 19-Feb-21

Benzene	2.17	0.050	mg/kg	2.00		108	72.2-131	3.61	14.6	
Toluene	2.15	0.050	mg/kg	2.00		108	71.7-126	4.14	17.4	
Ethylbenzene	2.09	0.050	mg/kg	2.00		104	68.9-126	3.95	18.9	
Total Xylenes	6.07	0.150	mg/kg	6.00		101	71.4-125	3.93	18.5	
Surrogate: 4-Bromofluorobenzene (PID)	0.0495		mg/kg	0.0500		99.1	73.3-129			

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: DCP - 11117 LINE LEAK 1-3
Project Number: NOT GIVEN
Project Manager: KYLE NORMAN
Fax To:

Reported:
22-Feb-21 10:29

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1020824 - General Prep - Organics**Blank (1020824-BLK1)**

Prepared & Analyzed: 08-Feb-21

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
<i>Surrogate: 1-Chlorooctane</i>	46.8		mg/kg	50.0		93.7	44.3-144			
<i>Surrogate: 1-Chlorooctadecane</i>	47.3		mg/kg	50.0		94.6	42.2-156			

LCS (1020824-BS1)

Prepared & Analyzed: 08-Feb-21

GRO C6-C10	225	10.0	mg/kg	200		113	83.7-135			
DRO >C10-C28	227	10.0	mg/kg	200		113	80.4-133			
Total TPH C6-C28	452	10.0	mg/kg	400		113	83.1-133			
<i>Surrogate: 1-Chlorooctane</i>	49.3		mg/kg	50.0		98.7	44.3-144			
<i>Surrogate: 1-Chlorooctadecane</i>	47.2		mg/kg	50.0		94.4	42.2-156			

LCS Dup (1020824-BSD1)

Prepared & Analyzed: 08-Feb-21

GRO C6-C10	233	10.0	mg/kg	200		117	83.7-135	3.43	13.8	
DRO >C10-C28	231	10.0	mg/kg	200		115	80.4-133	1.66	22.1	
Total TPH C6-C28	464	10.0	mg/kg	400		116	83.1-133	2.55	17.7	
<i>Surrogate: 1-Chlorooctane</i>	51.4		mg/kg	50.0		103	44.3-144			
<i>Surrogate: 1-Chlorooctadecane</i>	49.9		mg/kg	50.0		99.8	42.2-156			

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

February 10, 2021

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

RE: DCP - 11117 LINE LEAK 1

Enclosed are the results of analyses for samples received by the laboratory on 02/08/21 15:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

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

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

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

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

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

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

Sincerely,

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

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

Project: DCP - 11117 LINE LEAK 1
Project Number: NRM2016953070
Project Manager: KYLE NORMAN
Fax To:

Reported:
10-Feb-21 15:05

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
5 PT COMP BOTTOM -1 @ 15'	H210316-01	Soil	08-Feb-21 00:00	08-Feb-21 15:00
5 PT COMP BOTTOM -2 @ 15'	H210316-02	Soil	08-Feb-21 00:00	08-Feb-21 15:00
5 PT COMP BOTTOM -3 @ 15'	H210316-03	Soil	08-Feb-21 00:00	08-Feb-21 15:00
5 PT COMP BOTTOM -4 @ 15'	H210316-04	Soil	08-Feb-21 00:00	08-Feb-21 15:00
5 PT COMP BOTTOM -5 @ 15'	H210316-05	Soil	08-Feb-21 00:00	08-Feb-21 15:00
5 PT COMP BOTTOM -6 @ 15'	H210316-06	Soil	08-Feb-21 00:00	08-Feb-21 15:00
5 PT COMP BOTTOM -7 @ 15'	H210316-07	Soil	08-Feb-21 00:00	08-Feb-21 15:00
5 PT COMP BOTTOM -8 @ 15'	H210316-08	Soil	08-Feb-21 00:00	08-Feb-21 15:00

02/10/21 - Client added BTEX and Chloride to samples -01 to -06. This is the revised report and will replace the one sent on 02/09/21.

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: DCP - 11117 LINE LEAK 1
Project Number: NRM2016953070
Project Manager: KYLE NORMAN
Fax To:

Reported:
10-Feb-21 15:05

5 PT COMP BOTTOM -1 @ 15'
H210316-01 (Soil)

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

Chloride	96.0		16.0	mg/kg	4	1021006	GM	10-Feb-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1021005	MS	10-Feb-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1021005	MS	10-Feb-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1021005	MS	10-Feb-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1021005	MS	10-Feb-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1021005	MS	10-Feb-21	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			102 %	73.3-129		1021005	MS	10-Feb-21	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1020824	MS	09-Feb-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1020824	MS	09-Feb-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1020824	MS	09-Feb-21	8015B	
Surrogate: 1-Chlorooctane			88.5 %	44.3-144		1020824	MS	09-Feb-21	8015B	
Surrogate: 1-Chlorooctadecane			88.8 %	42.2-156		1020824	MS	09-Feb-21	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: DCP - 11117 LINE LEAK 1
Project Number: NRM2016953070
Project Manager: KYLE NORMAN
Fax To:

Reported:
10-Feb-21 15:05

5 PT COMP BOTTOM -2 @ 15'**H210316-02 (Soil)**

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

Chloride	32.0		16.0	mg/kg	4	1021006	GM	10-Feb-21	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1021005	MS	10-Feb-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1021005	MS	10-Feb-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1021005	MS	10-Feb-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1021005	MS	10-Feb-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1021005	MS	10-Feb-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			102 %	73.3-129		1021005	MS	10-Feb-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1020824	MS	09-Feb-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1020824	MS	09-Feb-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1020824	MS	09-Feb-21	8015B	

Surrogate: 1-Chlorooctane			96.1 %	44.3-144		1020824	MS	09-Feb-21	8015B	
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Surrogate: 1-Chlorooctadecane			94.7 %	42.2-156		1020824	MS	09-Feb-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: DCP - 11117 LINE LEAK 1
Project Number: NRM2016953070
Project Manager: KYLE NORMAN
Fax To:

Reported:
10-Feb-21 15:05

5 PT COMP BOTTOM -3 @ 15'**H210316-03 (Soil)**

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

Chloride	64.0		16.0	mg/kg	4	1021006	GM	10-Feb-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1021005	MS	10-Feb-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1021005	MS	10-Feb-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1021005	MS	10-Feb-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1021005	MS	10-Feb-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1021005	MS	10-Feb-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			101 %	73.3-129		1021005	MS	10-Feb-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1020824	MS	09-Feb-21	8015B	
DRO >C10-C28*	54.2		10.0	mg/kg	1	1020824	MS	09-Feb-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1020824	MS	09-Feb-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			95.0 %	44.3-144		1020824	MS	09-Feb-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			98.6 %	42.2-156		1020824	MS	09-Feb-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: DCP - 11117 LINE LEAK 1
Project Number: NRM2016953070
Project Manager: KYLE NORMAN
Fax To:

Reported:
10-Feb-21 15:05

5 PT COMP BOTTOM -4 @ 15'**H210316-04 (Soil)**

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

Chloride	32.0		16.0	mg/kg	4	1021006	GM	10-Feb-21	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1021005	MS	10-Feb-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1021005	MS	10-Feb-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1021005	MS	10-Feb-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1021005	MS	10-Feb-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1021005	MS	10-Feb-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			102 %	73.3-129		1021005	MS	10-Feb-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1020824	MS	09-Feb-21	8015B	
DRO >C10-C28*	13.4		10.0	mg/kg	1	1020824	MS	09-Feb-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1020824	MS	09-Feb-21	8015B	

Surrogate: 1-Chlorooctane			97.6 %	44.3-144		1020824	MS	09-Feb-21	8015B	
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Surrogate: 1-Chlorooctadecane			97.9 %	42.2-156		1020824	MS	09-Feb-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TASMAN GEOSCIENCES 6899 PECOS ST. UNIT C DENVER CO, 80221	Project: DCP - 11117 LINE LEAK 1 Project Number: NRM2016953070 Project Manager: KYLE NORMAN Fax To:	Reported: 10-Feb-21 15:05
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5 PT COMP BOTTOM -5 @ 15'

H210316-05 (Soil)

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

Inorganic Compounds

Chloride	48.0		16.0	mg/kg	4	1021006	GM	10-Feb-21	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1021005	MS	10-Feb-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1021005	MS	10-Feb-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1021005	MS	10-Feb-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1021005	MS	10-Feb-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1021005	MS	10-Feb-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			100 %	73.3-129		1021005	MS	10-Feb-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1020824	MS	09-Feb-21	8015B	
DRO >C10-C28*	51.0		10.0	mg/kg	1	1020824	MS	09-Feb-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1020824	MS	09-Feb-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			94.0 %	44.3-144		1020824	MS	09-Feb-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			96.0 %	42.2-156		1020824	MS	09-Feb-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: DCP - 11117 LINE LEAK 1
Project Number: NRM2016953070
Project Manager: KYLE NORMAN
Fax To:

Reported:
10-Feb-21 15:05

5 PT COMP BOTTOM -6 @ 15'**H210316-06 (Soil)**

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

Chloride	32.0		16.0	mg/kg	4	1021006	GM	10-Feb-21	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1021005	MS	10-Feb-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1021005	MS	10-Feb-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1021005	MS	10-Feb-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1021005	MS	10-Feb-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1021005	MS	10-Feb-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129 1021005 MS 10-Feb-21 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1020824	MS	09-Feb-21	8015B	
DRO >C10-C28*	60.6		10.0	mg/kg	1	1020824	MS	09-Feb-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1020824	MS	09-Feb-21	8015B	

Surrogate: 1-Chlorooctane 89.5 % 44.3-144 1020824 MS 09-Feb-21 8015B

Surrogate: 1-Chlorooctadecane 89.9 % 42.2-156 1020824 MS 09-Feb-21 8015B

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Analytical Results For:

TASMAN GEOSCIENCES 6899 PECOS ST. UNIT C DENVER CO, 80221	Project: DCP - 11117 LINE LEAK 1 Project Number: NRM2016953070 Project Manager: KYLE NORMAN Fax To:	Reported: 10-Feb-21 15:05
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5 PT COMP BOTTOM -7 @ 15'

H210316-07 (Soil)

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

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1020824	MS	09-Feb-21	8015B	
DRO >C10-C28*	205		10.0	mg/kg	1	1020824	MS	09-Feb-21	8015B	
EXT DRO >C28-C36	25.6		10.0	mg/kg	1	1020824	MS	09-Feb-21	8015B	
<i>Surrogate: 1-Chlorooctane</i>			99.4 %	44.3-144		1020824	MS	09-Feb-21	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			103 %	42.2-156		1020824	MS	09-Feb-21	8015B	

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Analytical Results For:

TASMAN GEOSCIENCES 6899 PECOS ST. UNIT C DENVER CO, 80221	Project: DCP - 11117 LINE LEAK 1 Project Number: NRM2016953070 Project Manager: KYLE NORMAN Fax To:	Reported: 10-Feb-21 15:05
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5 PT COMP BOTTOM -8 @ 15'

H210316-08 (Soil)

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

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1020824	MS	09-Feb-21	8015B	
DRO >C10-C28*	145		10.0	mg/kg	1	1020824	MS	09-Feb-21	8015B	
EXT DRO >C28-C36	19.6		10.0	mg/kg	1	1020824	MS	09-Feb-21	8015B	
<i>Surrogate: 1-Chlorooctane</i>			99.1 %	44.3-144		1020824	MS	09-Feb-21	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			99.7 %	42.2-156		1020824	MS	09-Feb-21	8015B	

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Analytical Results For:

TASMAN GEOSCIENCES 6899 PECOS ST. UNIT C DENVER CO, 80221	Project: DCP - 11117 LINE LEAK 1 Project Number: NRM2016953070 Project Manager: KYLE NORMAN Fax To:	Reported: 10-Feb-21 15:05
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Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1021006 - 1:4 DI Water										
Blank (1021006-BLK1)										
Prepared & Analyzed: 10-Feb-21										
Chloride	ND	16.0	mg/kg							
LCS (1021006-BS1)										
Prepared & Analyzed: 10-Feb-21										
Chloride	400	16.0	mg/kg	400		100	80-120			
LCS Dup (1021006-BSD1)										
Prepared & Analyzed: 10-Feb-21										
Chloride	416	16.0	mg/kg	400		104	80-120	3.92	20	

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Analytical Results For:

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

Project: DCP - 11117 LINE LEAK 1
Project Number: NRM2016953070
Project Manager: KYLE NORMAN
Fax To:

Reported:
10-Feb-21 15:05

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1021005 - Volatiles**Blank (1021005-BLK1)**

Prepared & Analyzed: 10-Feb-21

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0501		mg/kg	0.0500		100	73.3-129			

LCS (1021005-BS1)

Prepared & Analyzed: 10-Feb-21

Benzene	2.18	0.050	mg/kg	2.00		109	72.2-131			
Toluene	2.16	0.050	mg/kg	2.00		108	71.7-126			
Ethylbenzene	2.10	0.050	mg/kg	2.00		105	68.9-126			
Total Xylenes	6.11	0.150	mg/kg	6.00		102	71.4-125			
Surrogate: 4-Bromofluorobenzene (PID)	0.0486		mg/kg	0.0500		97.1	73.3-129			

LCS Dup (1021005-BSD1)

Prepared & Analyzed: 10-Feb-21

Benzene	2.22	0.050	mg/kg	2.00		111	72.2-131	1.83	14.6	
Toluene	2.21	0.050	mg/kg	2.00		110	71.7-126	2.19	17.4	
Ethylbenzene	2.15	0.050	mg/kg	2.00		108	68.9-126	2.41	18.9	
Total Xylenes	6.26	0.150	mg/kg	6.00		104	71.4-125	2.55	18.5	
Surrogate: 4-Bromofluorobenzene (PID)	0.0490		mg/kg	0.0500		98.0	73.3-129			

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Analytical Results For:

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

Project: DCP - 11117 LINE LEAK 1
Project Number: NRM2016953070
Project Manager: KYLE NORMAN
Fax To:

Reported:
10-Feb-21 15:05

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1020824 - General Prep - Organics**Blank (1020824-BLK1)**

Prepared & Analyzed: 08-Feb-21

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
<i>Surrogate: 1-Chlorooctane</i>	46.8		mg/kg	50.0		93.7	44.3-144			
<i>Surrogate: 1-Chlorooctadecane</i>	47.3		mg/kg	50.0		94.6	42.2-156			

LCS (1020824-BS1)

Prepared & Analyzed: 08-Feb-21

GRO C6-C10	225	10.0	mg/kg	200		113	83.7-135			
DRO >C10-C28	227	10.0	mg/kg	200		113	80.4-133			
Total TPH C6-C28	452	10.0	mg/kg	400		113	83.1-133			
<i>Surrogate: 1-Chlorooctane</i>	49.3		mg/kg	50.0		98.7	44.3-144			
<i>Surrogate: 1-Chlorooctadecane</i>	47.2		mg/kg	50.0		94.4	42.2-156			

LCS Dup (1020824-BSD1)

Prepared & Analyzed: 08-Feb-21

GRO C6-C10	233	10.0	mg/kg	200		117	83.7-135	3.43	13.8	
DRO >C10-C28	231	10.0	mg/kg	200		115	80.4-133	1.66	22.1	
Total TPH C6-C28	464	10.0	mg/kg	400		116	83.1-133	2.55	17.7	
<i>Surrogate: 1-Chlorooctane</i>	51.4		mg/kg	50.0		103	44.3-144			
<i>Surrogate: 1-Chlorooctadecane</i>	49.9		mg/kg	50.0		99.8	42.2-156			

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Tasman Geosciences Project Manager: Kyle Norman Address: 2620 W. Marland Blvd. City: Hobbs Phone #: 575-318-5017 Fax #: Project #: NRM2016953070 Project Owner: DCP Midstream Project Name: 11117 Line Leak 1 Project Location: Sampler Name: Frank Conejo Jr. <small>FOR LAB USE ONLY</small>		P.O. #: Company: Tasman Geo Attn: Kyle Norman Address: 2620 W. Marland City: Hobbs State: NM Zip: 88240 Phone #: 575-318-5017 Fax #:	
Lab I.D. Sample I.D. H210316 1 2 3 4 5 6 7 8		ANALYSIS REQUEST Chlorides TPH 8015 M BTEX Texas TPH Complete Cations/Anions TDS HOLD RUSH	
5 PT Comp. Bottom-1 @15' 5 PT Comp. Bottom-2 @15' 5 PT Comp. Bottom-3 @15' 5 PT Comp. Bottom-4 @15' 5 PT Comp. Bottom-5 @15' 5 PT Comp. Bottom-6 @15' 5 PT Comp. Bottom-7 @15' 5 PT Comp. Bottom-8 @15'		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	
1 1 1 1 1 1 1 1		DATE 2/8/21	
Relinquished By: <i>Frank Conejo</i> Date: 2/8/21 Time:		Received By: <i>Marcus [Signature]</i> Date: 2/8/21 Time:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: 8.3c #113		Sample Condition Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No CHECKED BY: <i>[Signature]</i>	
REMARKS: email results: knorman@tasman-geo.com; bgriffin@tasman-geo.com, SWWeathers@dcpmidstream.com		Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #: Add'l Fax #:	

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



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

February 12, 2021

KYLE NORMAN

TASMAN GEOSCIENCES

6899 PECOS ST. UNIT C

DENVER, CO 80221

RE: DCP - 11117 LINE LEAK 1

Enclosed are the results of analyses for samples received by the laboratory on 02/10/21 13:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

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

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

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

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

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

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Project: DCP - 11117 LINE LEAK 1
Project Number: NRM2016953070
Project Manager: KYLE NORMAN
Fax To:

Reported:
12-Feb-21 09:06

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
5 PT COMP BOTTOM -7 @ 20'	H210358-01	Soil	10-Feb-21 00:00	10-Feb-21 13:30
5 PT COMP BOTTOM -8 @ 20'	H210358-02	Soil	10-Feb-21 00:00	10-Feb-21 13:30
5 PT COMP NW WALL - 1	H210358-03	Soil	10-Feb-21 00:00	10-Feb-21 13:30
5 PT COMP SE WALL - 1	H210358-04	Soil	10-Feb-21 00:00	10-Feb-21 13:30

02/12/21 - Client added BTEX and Chloride on 02/11/21. This is the revised report and will replace the one sent on 02/11/21.

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Analytical Results For:

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

Project: DCP - 11117 LINE LEAK 1
Project Number: NRM2016953070
Project Manager: KYLE NORMAN
Fax To:

Reported:
12-Feb-21 09:06

5 PT COMP BOTTOM -7 @ 20'
H210358-01 (Soil)

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

Chloride	16.0		16.0	mg/kg	4	1021103	GM	11-Feb-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1021106	MS	11-Feb-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1021106	MS	11-Feb-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1021106	MS	11-Feb-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1021106	MS	11-Feb-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1021106	MS	11-Feb-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			101 %	73.3-129		1021106	MS	11-Feb-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1021013	MS	11-Feb-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1021013	MS	11-Feb-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1021013	MS	11-Feb-21	8015B	

Surrogate: 1-Chlorooctane			106 %	44.3-144		1021013	MS	11-Feb-21	8015B	
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Surrogate: 1-Chlorooctadecane			102 %	42.2-156		1021013	MS	11-Feb-21	8015B	
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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
6899 PECOS ST. UNIT C
DENVER CO, 80221

Project: DCP - 11117 LINE LEAK 1
Project Number: NRM2016953070
Project Manager: KYLE NORMAN
Fax To:

Reported:
12-Feb-21 09:06

5 PT COMP BOTTOM -8 @ 20'**H210358-02 (Soil)**

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

Chloride	<16.0		16.0	mg/kg	4	1021103	GM	11-Feb-21	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1021106	MS	11-Feb-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1021106	MS	11-Feb-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1021106	MS	11-Feb-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1021106	MS	11-Feb-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1021106	MS	11-Feb-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			100 %	73.3-129		1021106	MS	11-Feb-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1021013	MS	11-Feb-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1021013	MS	11-Feb-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1021013	MS	11-Feb-21	8015B	

Surrogate: 1-Chlorooctane			114 %	44.3-144		1021013	MS	11-Feb-21	8015B	
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Surrogate: 1-Chlorooctadecane			111 %	42.2-156		1021013	MS	11-Feb-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: DCP - 11117 LINE LEAK 1
Project Number: NRM2016953070
Project Manager: KYLE NORMAN
Fax To:

Reported:
12-Feb-21 09:06

5 PT COMP NW WALL - 1**H210358-03 (Soil)**

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

Chloride	32.0		16.0	mg/kg	4	1021103	GM	11-Feb-21	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1021106	MS	11-Feb-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1021106	MS	11-Feb-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1021106	MS	11-Feb-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1021106	MS	11-Feb-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1021106	MS	11-Feb-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			100 %	73.3-129		1021106	MS	11-Feb-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1021013	MS	11-Feb-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1021013	MS	11-Feb-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1021013	MS	11-Feb-21	8015B	

Surrogate: 1-Chlorooctane			104 %	44.3-144		1021013	MS	11-Feb-21	8015B	
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Surrogate: 1-Chlorooctadecane			98.7 %	42.2-156		1021013	MS	11-Feb-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: DCP - 11117 LINE LEAK 1
Project Number: NRM2016953070
Project Manager: KYLE NORMAN
Fax To:

Reported:
12-Feb-21 09:06

5 PT COMP SE WALL - 1**H210358-04 (Soil)**

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

Chloride	64.0		16.0	mg/kg	4	1021103	GM	11-Feb-21	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1021106	MS	11-Feb-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1021106	MS	11-Feb-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1021106	MS	11-Feb-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1021106	MS	11-Feb-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1021106	MS	11-Feb-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			100 %	73.3-129		1021106	MS	11-Feb-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1021013	MS	11-Feb-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1021013	MS	11-Feb-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1021013	MS	11-Feb-21	8015B	

Surrogate: 1-Chlorooctane			109 %	44.3-144		1021013	MS	11-Feb-21	8015B	
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Surrogate: 1-Chlorooctadecane			104 %	42.2-156		1021013	MS	11-Feb-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TASMAN GEOSCIENCES 6899 PECOS ST. UNIT C DENVER CO, 80221	Project: DCP - 11117 LINE LEAK 1 Project Number: NRM2016953070 Project Manager: KYLE NORMAN Fax To:	Reported: 12-Feb-21 09:06
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Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1021103 - 1:4 DI Water										
Blank (1021103-BLK1)										
Prepared & Analyzed: 11-Feb-21										
Chloride	ND	16.0	mg/kg							
LCS (1021103-BS1)										
Prepared & Analyzed: 11-Feb-21										
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (1021103-BSD1)										
Prepared & Analyzed: 11-Feb-21										
Chloride	400	16.0	mg/kg	400		100	80-120	3.92	20	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: DCP - 11117 LINE LEAK 1
Project Number: NRM2016953070
Project Manager: KYLE NORMAN
Fax To:

Reported:
12-Feb-21 09:06

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1021106 - Volatiles**Blank (1021106-BLK1)**

Prepared & Analyzed: 11-Feb-21

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0504		mg/kg	0.0500		101	73.3-129			

LCS (1021106-BS1)

Prepared & Analyzed: 11-Feb-21

Benzene	2.08	0.050	mg/kg	2.00		104	72.2-131			
Toluene	2.03	0.050	mg/kg	2.00		102	71.7-126			
Ethylbenzene	1.99	0.050	mg/kg	2.00		99.4	68.9-126			
Total Xylenes	5.84	0.150	mg/kg	6.00		97.3	71.4-125			
Surrogate: 4-Bromofluorobenzene (PID)	0.0481		mg/kg	0.0500		96.2	73.3-129			

LCS Dup (1021106-BSD1)

Prepared & Analyzed: 11-Feb-21

Benzene	2.17	0.050	mg/kg	2.00		109	72.2-131	4.64	14.6	
Toluene	2.14	0.050	mg/kg	2.00		107	71.7-126	5.29	17.4	
Ethylbenzene	2.09	0.050	mg/kg	2.00		105	68.9-126	5.16	18.9	
Total Xylenes	6.13	0.150	mg/kg	6.00		102	71.4-125	4.83	18.5	
Surrogate: 4-Bromofluorobenzene (PID)	0.0492		mg/kg	0.0500		98.4	73.3-129			

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TASMAN GEOSCIENCES 6899 PECOS ST. UNIT C DENVER CO, 80221	Project: DCP - 11117 LINE LEAK 1 Project Number: NRM2016953070 Project Manager: KYLE NORMAN Fax To:	Reported: 12-Feb-21 09:06
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Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1021013 - General Prep - Organics

Blank (1021013-BLK1) Prepared: 10-Feb-21 Analyzed: 11-Feb-21

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	42.2		mg/kg	50.0		84.4	44.3-144			
Surrogate: 1-Chlorooctadecane	37.9		mg/kg	50.0		75.7	42.2-156			

LCS (1021013-BS1) Prepared & Analyzed: 10-Feb-21

GRO C6-C10	225	10.0	mg/kg	200		112	83.7-135			
DRO >C10-C28	225	10.0	mg/kg	200		113	80.4-133			
Total TPH C6-C28	450	10.0	mg/kg	400		113	83.1-133			
Surrogate: 1-Chlorooctane	44.9		mg/kg	50.0		89.8	44.3-144			
Surrogate: 1-Chlorooctadecane	42.4		mg/kg	50.0		84.9	42.2-156			

LCS Dup (1021013-BSD1) Prepared & Analyzed: 10-Feb-21

GRO C6-C10	226	10.0	mg/kg	200		113	83.7-135	0.508	13.8	
DRO >C10-C28	222	10.0	mg/kg	200		111	80.4-133	1.47	22.1	
Total TPH C6-C28	448	10.0	mg/kg	400		112	83.1-133	0.479	17.7	
Surrogate: 1-Chlorooctane	44.5		mg/kg	50.0		89.0	44.3-144			
Surrogate: 1-Chlorooctadecane	41.6		mg/kg	50.0		83.2	42.2-156			

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

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

Phone #: 575-318-5017

Project #: NRM2016953070

Project Name: 11117 Line Leak 1

Project Location:

Sampler Name: Miguel Cardona Jr.

P.O. #:

Company: Tasman Geo

Attn: Kyle Norman

Address: 2620 W. Marland

City: Hobbs

State: NM Zip: 88240

Phone #: 575-318-5017

Fax #:

PRESERV

SAMPLING

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chlorides	TPH 8015 M	BTEX	Texas TPH	Complete Cations/Anions	TDS	HOLD	RUSH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :										
	H10358		1			✓				2/10/21	X	✓	✓	X				✓	
			1			✓						✓	✓					✓	
			1			✓						✓	✓					✓	
			1			✓						✓	✓					✓	

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Relinquished By: Miguel Cardona Jr.

Date: 2/3/2021

Relinquished By: Miguel Cardona Jr.

Date: 2-10-21

Delivered By: [Signature]

Time: 1:330

Sampler - UPS - Bus - Other: 4.8c #113

Sample Condition
 Cool Intact
 Yes No

CHECKED BY: [Signature]

REMARKS:
 Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:
 email results: knorman@tasman-geo.com;
 bgriffin@tasman-geo.com,
 SWWeathers@dcpmidstream.com

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



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

February 22, 2021

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

RE: DCP - 11117 LINE LEAK 1-3

Enclosed are the results of analyses for samples received by the laboratory on 02/08/21 15:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

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

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

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

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

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

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

Sincerely,

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

TASMAN GEOSCIENCES 6899 PECOS ST. UNIT C DENVER CO, 80221	Project: DCP - 11117 LINE LEAK 1-3 Project Number: NOT GIVEN Project Manager: KYLE NORMAN Fax To:	Reported: 22-Feb-21 10:24
---	--	------------------------------

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
5 PT COMP IMPORTED TOP SOIL	H210314-01	Soil	08-Feb-21 00:00	08-Feb-21 15:00

02/22/21 - Client added BTEX and Chloride on 02/19/21. This is the revised report and will replace the one sent on 02/09/21.

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: DCP - 11117 LINE LEAK 1-3
Project Number: NOT GIVEN
Project Manager: KYLE NORMAN
Fax To:

Reported:
22-Feb-21 10:24

5 PT COMP IMPORTED TOP SOIL
H210314-01 (Soil)

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

Chloride	32.0		16.0	mg/kg	4	1021905	GM	22-Feb-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1021902	MS	19-Feb-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1021902	MS	19-Feb-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1021902	MS	19-Feb-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1021902	MS	19-Feb-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1021902	MS	19-Feb-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			102 %		73.3-129	1021902	MS	19-Feb-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1020824	MS	09-Feb-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1020824	MS	09-Feb-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1020824	MS	09-Feb-21	8015B	

Surrogate: 1-Chlorooctane			98.2 %		44.3-144	1020824	MS	09-Feb-21	8015B	
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Surrogate: 1-Chlorooctadecane			102 %		42.2-156	1020824	MS	09-Feb-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TASMAN GEOSCIENCES 6899 PECOS ST. UNIT C DENVER CO, 80221	Project: DCP - 11117 LINE LEAK 1-3 Project Number: NOT GIVEN Project Manager: KYLE NORMAN Fax To:	Reported: 22-Feb-21 10:24
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Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1021905 - 1:4 DI Water										
Blank (1021905-BLK1)										
Prepared & Analyzed: 19-Feb-21										
Chloride	ND	16.0	mg/kg							
LCS (1021905-BS1)										
Prepared & Analyzed: 19-Feb-21										
Chloride	400	16.0	mg/kg	400		100	80-120			
LCS Dup (1021905-BSD1)										
Prepared & Analyzed: 19-Feb-21										
Chloride	416	16.0	mg/kg	400		104	80-120	3.92	20	

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Analytical Results For:

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

Project: DCP - 11117 LINE LEAK 1-3
Project Number: NOT GIVEN
Project Manager: KYLE NORMAN
Fax To:

Reported:
22-Feb-21 10:24

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1021902 - Volatiles**Blank (1021902-BLK1)**

Prepared & Analyzed: 19-Feb-21

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0505		mg/kg	0.0500		101	73.3-129			

LCS (1021902-BS1)

Prepared & Analyzed: 19-Feb-21

Benzene	2.09	0.050	mg/kg	2.00		105	72.2-131			
Toluene	2.07	0.050	mg/kg	2.00		103	71.7-126			
Ethylbenzene	2.00	0.050	mg/kg	2.00		100	68.9-126			
Total Xylenes	5.84	0.150	mg/kg	6.00		97.3	71.4-125			
Surrogate: 4-Bromofluorobenzene (PID)	0.0489		mg/kg	0.0500		97.8	73.3-129			

LCS Dup (1021902-BSD1)

Prepared & Analyzed: 19-Feb-21

Benzene	2.17	0.050	mg/kg	2.00		108	72.2-131	3.61	14.6	
Toluene	2.15	0.050	mg/kg	2.00		108	71.7-126	4.14	17.4	
Ethylbenzene	2.09	0.050	mg/kg	2.00		104	68.9-126	3.95	18.9	
Total Xylenes	6.07	0.150	mg/kg	6.00		101	71.4-125	3.93	18.5	
Surrogate: 4-Bromofluorobenzene (PID)	0.0495		mg/kg	0.0500		99.1	73.3-129			

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: DCP - 11117 LINE LEAK 1-3
Project Number: NOT GIVEN
Project Manager: KYLE NORMAN
Fax To:

Reported:
22-Feb-21 10:24

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1020824 - General Prep - Organics**Blank (1020824-BLK1)**

Prepared & Analyzed: 08-Feb-21

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
<i>Surrogate: 1-Chlorooctane</i>	46.8		mg/kg	50.0		93.7	44.3-144			
<i>Surrogate: 1-Chlorooctadecane</i>	47.3		mg/kg	50.0		94.6	42.2-156			

LCS (1020824-BS1)

Prepared & Analyzed: 08-Feb-21

GRO C6-C10	225	10.0	mg/kg	200		113	83.7-135			
DRO >C10-C28	227	10.0	mg/kg	200		113	80.4-133			
Total TPH C6-C28	452	10.0	mg/kg	400		113	83.1-133			
<i>Surrogate: 1-Chlorooctane</i>	49.3		mg/kg	50.0		98.7	44.3-144			
<i>Surrogate: 1-Chlorooctadecane</i>	47.2		mg/kg	50.0		94.4	42.2-156			

LCS Dup (1020824-BSD1)

Prepared & Analyzed: 08-Feb-21

GRO C6-C10	233	10.0	mg/kg	200		117	83.7-135	3.43	13.8	
DRO >C10-C28	231	10.0	mg/kg	200		115	80.4-133	1.66	22.1	
Total TPH C6-C28	464	10.0	mg/kg	400		116	83.1-133	2.55	17.7	
<i>Surrogate: 1-Chlorooctane</i>	51.4		mg/kg	50.0		103	44.3-144			
<i>Surrogate: 1-Chlorooctadecane</i>	49.9		mg/kg	50.0		99.8	42.2-156			

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

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 Project #: _____ Project Name: 11117 Line Leak 1-3 Project Location: _____ Sampler Name: Frank Conejo Jr. FOR LAB USE ONLY		P.O. #: _____ Company: Tasman Geo Attn: Kyle Norman Address: 2620 W. Marland City: Hobbs State: NM Zip: 88240 Phone #: 575-318-5017 Fax #: _____		BILL TO		ANALYSIS REQUEST	
Lab I.D. #10314 1	Sample I.D. SPT Comp. Imported Top Soil	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	MATRIX SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	DATE 2/8/21	TIME 11:19 AM 4:00 PM	Chlorides TPH 8015 M BTEX Texas TPH Complete Cations/Anions TDS HOLD RUSH	YES <input type="checkbox"/> Yes <input type="checkbox"/> No ADD'l Phone #: ADD'l Fax #: REMARKS: email results: knorman@tasman-geo.com; bgriffin@tasman-geo.com; SWWeathers@dcpmidstream.com
Relinquished By: <i>Frank Conejo Jr.</i> Date: 2/18/21 Time: 15:20		Received By: <i>Kyle Norman</i> Date: _____ Time: _____		Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		CHECKED BY: <i>[Signature]</i> (Initials)	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: <i>8.36 #113</i>		Sample Condition Cool <input type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		CHECKED BY: <i>[Signature]</i> (Initials)		REMARKS: email results: knorman@tasman-geo.com; bgriffin@tasman-geo.com; SWWeathers@dcpmidstream.com	

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



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

February 12, 2021

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

RE: DCP - 11117 LINE LEAK 1-3

Enclosed are the results of analyses for samples received by the laboratory on 02/10/21 13:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

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

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

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

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

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

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

Sincerely,

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

TASMAN GEOSCIENCES 6899 PECOS ST. UNIT C DENVER CO, 80221	Project: DCP - 11117 LINE LEAK 1-3 Project Number: NOT GIVEN Project Manager: KYLE NORMAN Fax To:	Reported: 12-Feb-21 08:55
---	--	------------------------------

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
IMPORTED BACKFILL	H210357-01	Soil	10-Feb-21 00:00	10-Feb-21 13:30

02/12/21 - Client added BTEX and Chloride on 02/11/21. This is the revised report and will replace the one sent on 02/11/21.

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: DCP - 11117 LINE LEAK 1-3
Project Number: NOT GIVEN
Project Manager: KYLE NORMAN
Fax To:

Reported:
12-Feb-21 08:55

IMPORTED BACKFILL
H210357-01 (Soil)

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

Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	1021103	GM	11-Feb-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1021106	MS	11-Feb-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1021106	MS	11-Feb-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1021106	MS	11-Feb-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1021106	MS	11-Feb-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1021106	MS	11-Feb-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			100 %		73.3-129	1021106	MS	11-Feb-21	8021B	
---------------------------------------	--	--	-------	--	----------	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1021013	MS	11-Feb-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1021013	MS	11-Feb-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1021013	MS	11-Feb-21	8015B	

Surrogate: 1-Chlorooctane			80.8 %		44.3-144	1021013	MS	11-Feb-21	8015B	
---------------------------	--	--	--------	--	----------	---------	----	-----------	-------	--

Surrogate: 1-Chlorooctadecane			77.4 %		42.2-156	1021013	MS	11-Feb-21	8015B	
-------------------------------	--	--	--------	--	----------	---------	----	-----------	-------	--

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 6899 PECOS ST. UNIT C DENVER CO, 80221	Project: DCP - 11117 LINE LEAK 1-3 Project Number: NOT GIVEN Project Manager: KYLE NORMAN Fax To:	Reported: 12-Feb-21 08:55
---	--	------------------------------

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1021103 - 1:4 DI Water										
Blank (1021103-BLK1)										
Prepared & Analyzed: 11-Feb-21										
Chloride	ND	16.0	mg/kg							
LCS (1021103-BS1)										
Prepared & Analyzed: 11-Feb-21										
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (1021103-BSD1)										
Prepared & Analyzed: 11-Feb-21										
Chloride	400	16.0	mg/kg	400		100	80-120	3.92	20	

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Analytical Results For:

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

Project: DCP - 11117 LINE LEAK 1-3
Project Number: NOT GIVEN
Project Manager: KYLE NORMAN
Fax To:

Reported:
12-Feb-21 08:55

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1021106 - Volatiles**Blank (1021106-BLK1)**

Prepared & Analyzed: 11-Feb-21

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0504		mg/kg	0.0500		101	73.3-129			

LCS (1021106-BS1)

Prepared & Analyzed: 11-Feb-21

Benzene	2.08	0.050	mg/kg	2.00		104	72.2-131			
Toluene	2.03	0.050	mg/kg	2.00		102	71.7-126			
Ethylbenzene	1.99	0.050	mg/kg	2.00		99.4	68.9-126			
Total Xylenes	5.84	0.150	mg/kg	6.00		97.3	71.4-125			
Surrogate: 4-Bromofluorobenzene (PID)	0.0481		mg/kg	0.0500		96.2	73.3-129			

LCS Dup (1021106-BSD1)

Prepared & Analyzed: 11-Feb-21

Benzene	2.17	0.050	mg/kg	2.00		109	72.2-131	4.64	14.6	
Toluene	2.14	0.050	mg/kg	2.00		107	71.7-126	5.29	17.4	
Ethylbenzene	2.09	0.050	mg/kg	2.00		105	68.9-126	5.16	18.9	
Total Xylenes	6.13	0.150	mg/kg	6.00		102	71.4-125	4.83	18.5	
Surrogate: 4-Bromofluorobenzene (PID)	0.0492		mg/kg	0.0500		98.4	73.3-129			

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TASMAN GEOSCIENCES 6899 PECOS ST. UNIT C DENVER CO, 80221	Project: DCP - 11117 LINE LEAK 1-3 Project Number: NOT GIVEN Project Manager: KYLE NORMAN Fax To:	Reported: 12-Feb-21 08:55
---	--	------------------------------

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1021013 - General Prep - Organics

Blank (1021013-BLK1)		Prepared: 10-Feb-21 Analyzed: 11-Feb-21								
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	42.2		mg/kg	50.0		84.4	44.3-144			
Surrogate: 1-Chlorooctadecane	37.9		mg/kg	50.0		75.7	42.2-156			

LCS (1021013-BS1)		Prepared & Analyzed: 10-Feb-21								
GRO C6-C10	225	10.0	mg/kg	200		112	83.7-135			
DRO >C10-C28	225	10.0	mg/kg	200		113	80.4-133			
Total TPH C6-C28	450	10.0	mg/kg	400		113	83.1-133			
Surrogate: 1-Chlorooctane	44.9		mg/kg	50.0		89.8	44.3-144			
Surrogate: 1-Chlorooctadecane	42.4		mg/kg	50.0		84.9	42.2-156			

LCS Dup (1021013-BSD1)		Prepared & Analyzed: 10-Feb-21								
GRO C6-C10	226	10.0	mg/kg	200		113	83.7-135	0.508	13.8	
DRO >C10-C28	222	10.0	mg/kg	200		111	80.4-133	1.47	22.1	
Total TPH C6-C28	448	10.0	mg/kg	400		112	83.1-133	0.479	17.7	
Surrogate: 1-Chlorooctane	44.5		mg/kg	50.0		89.0	44.3-144			
Surrogate: 1-Chlorooctadecane	41.6		mg/kg	50.0		83.2	42.2-156			

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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Tasman Geosciences

Project Manager: Kyle Norman

Address: 2620 W. Marland Blvd.

City: Hobbs

Phone #: 575-318-5017

Project #: 11117 Line Leak 1-3

Project Location:

Sampler Name: Miquel Cardona Jr.

P.O. #:

Company: Tasman Geo

Attn: Kyle Norman

Address: 2620 W. Marland

City: Hobbs

Phone #: 575-318-5017

Fax #:

Fax #:

Fax #:

FOR LAB USE ONLY

Lab I.D. Sample I.D.

H910571 Imported Backfill

(G)RAB OR (C)OMP.
 # CONTAINERS 1
 MATRIX
 GROUNDWATER
 WASTEWATER
 SOIL
 OIL
 SLUDGE
 OTHER:
 ACID/BASE:
 ICE / COOL
 OTHER:

DATE 2/10/21
 TIME

Chlorides	X						
TPH 8015 M	✓						
BTEX	X						
Texas TPH							
Complete Cations/Anions							
TDS							
HOLD							
RUSH							✓

added 2/11/21 Rush

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Relinquished By: *[Signature]* Date: 2/9/2021

Received By: *[Signature]* Date: 2/10/21

Relinquished By: *[Signature]*

Date: 8-10-21

Received By: *[Signature]*

Delivered By: (Circle One)

Time: 1:30

Sample Condition

Sampler - UPS - Bus - Other:

4.8 c #113

Sample Condition

CHECKED BY: *[Signature]*

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

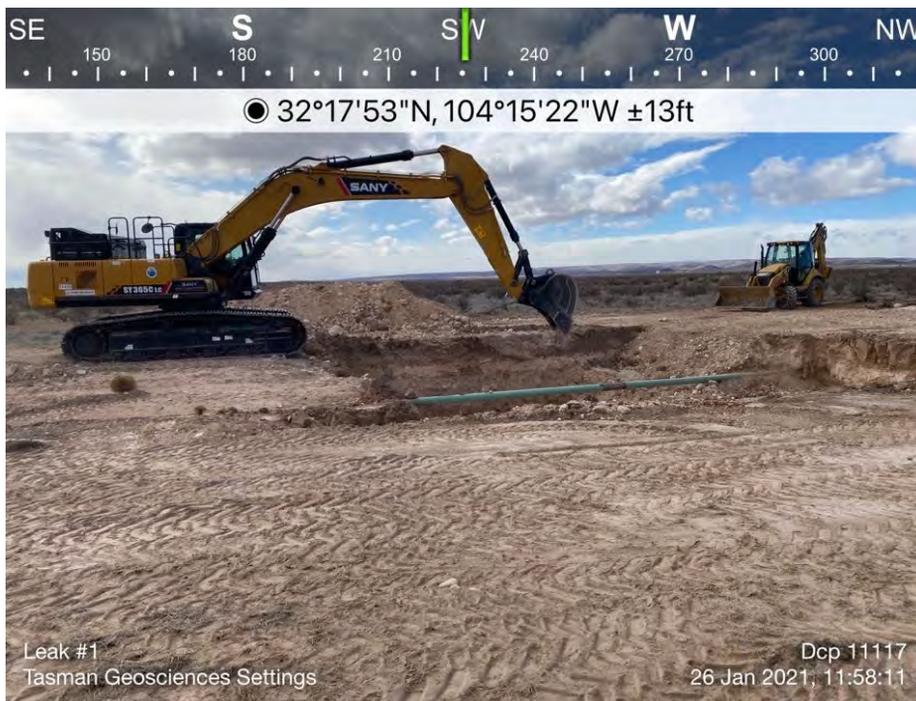
email results: knorman@tasman-geo.com;
 bgriffin@tasman-geo.com,
 SWWeathers@dcpmidstream.com

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

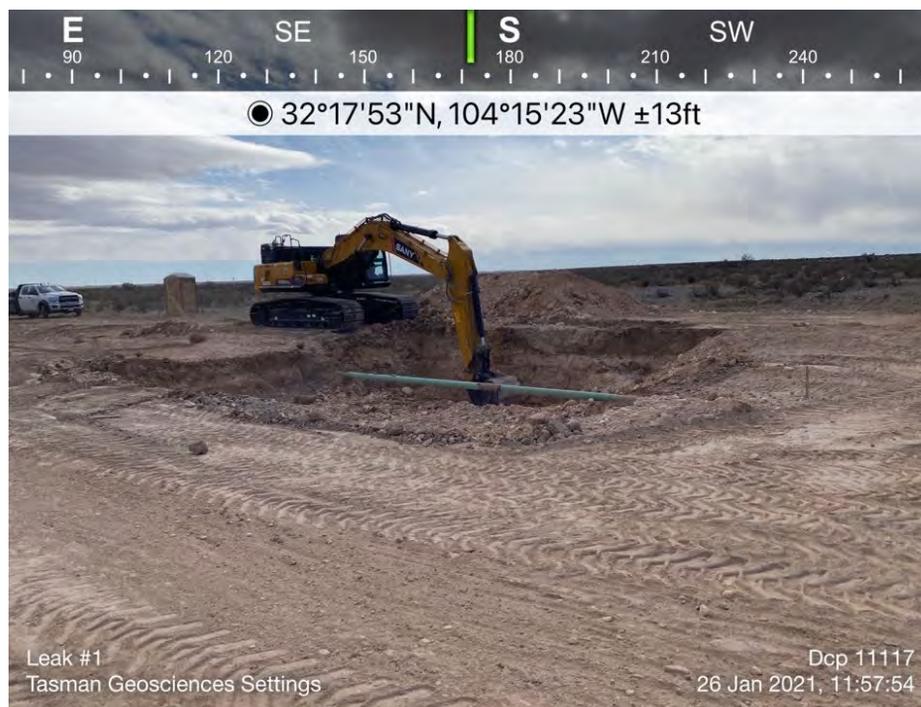
Appendix C
Photo Documentation

DCP Midstream

11117 Leak Location 1



Excavating Release



Excavating Release

DCP Midstream

11117 Leak Location 1



Excavation



Excavation

DCP Midstream

11117 Leak Location 1



Excavation



Backfilled Excavation

Appendix D
Initial 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	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	DCP Operating Company, LP	OGRID	36785
Contact Name	Stephen W Weathers	Contact Telephone	303-605-1718
Contact Email	SWWeathers@dcpmidstream.com	Incident # (assigned by OCD)	
Contact Mailing Address	370 17th Street, Suite 2500, Denver, CO 80202		

Location of Release Source

Latitude 32.298043 Longitude -104.256508
(Nad 83 in decimal degrees to 5 decimal places)

Site Name	Natural Gas Gathering Line #11117 Leak Location 1	Site Type	6" Steel Gas Gathering Pipeline
Date Release Discovered	07/19/19	API # (if applicable)	

Unit Letter	Section	Township	Range	County
P	14	23S	26E	Eddy County, NM

Surface Owner: State Federal Tribal Private (Name: Montclair Development Corporation)

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 total dissolved solids (TDS) in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
<input checked="" type="checkbox"/> Condensate	Volume Released (bbls) Unknown	Volume Recovered (bbls) Unknown
<input checked="" type="checkbox"/> Natural Gas	Volume Released (Mcf) Unknown	Volume Recovered (Mcf) Unknown
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Released (provide units)

Cause of Release:

Seeping natural gas was discovered due to small pipeline failure (hole open under pressure). Initial field observations of the release suggested the volume of any associated hydrocarbon liquids was below NMOCD reporting thresholds. After further investigation and assessment of recent analytical data, the release has now been conservatively estimated to be equal to or somewhat greater than the minimum reportable quantity (minor release threshold).

Incident ID	NRM2016953070
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?	~193 (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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input checked="" type="checkbox"/> Yes <input 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.

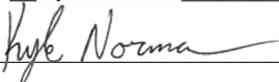
State of New Mexico
Oil Conservation Division

Page 4

Incident ID	NRM2016953070
District RP	
Facility ID	
Application ID	

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

Printed Name: Kyle Norman Title: Regional Project Manager

Signature:  Date: 9/9/2020

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

OCD Only

Received by: _____ Date: _____

Incident ID	NRM2016953070
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: Each of the following items must be included in the plan.

- Detailed description of proposed remediation technique
- Scaled sitemap with GPS coordinates showing delineation points
- Estimated volume of material to be remediated
- Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation.

- Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- Extents of contamination must be fully delineated.
- Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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:  Date: 9/9/2020
 email: knorman@tasman-geo.com Telephone: 575-318-5017

OCD Only

Received by: _____ Date: _____

- Approved Approved with Attached Conditions of Approval Denied Deferral Approved

Signature: _____ Date: _____

Appendix E
Soil Boring Log



Borehole Logging Form

Boring/Well ID #: Soil Bore 1	SITE NAME: 11117 Line Location 1 NMR2016953070	CLIENT NAME: DCP Operating Company, LP
Date Started: 1/13/2021	Location: UL "P", Sec. 14, T23S, R26E	
Date Completed: 1/13/2021	TOC Elevation:	DTW: ~193 Ft.
Type of Drill: Air Rotary	Staff Scientist: Becky Griffin	
Bit Size: 6"	Project Manager: Kyle Norman	
Drilling Company: HCI Drilling, Inc.		

Depth (feet)	Well Completion	Sample Type	Field CL-	PID (ppm)	Laboratory Sample	USCS	Description
Surface							
5							
10			87	2.6			PECOS ALLUVIAL - CALICHE TAN
15			85	4.2			SANDY CALICHE - PECOS ALLUVIAL - TAN
20			84	2.1			VERY FINE SAND / CALICHE PECOS ALLUVIAL TAN
25			90	2.2			VERY FINE SAND / CALICHE PECOS ALLUVIAL TAN
30							
35							
40							
45							
50							
55							
60							
65							
70							
75							
80							
85							
90							
95							
100							
105							
110							
115							
120							



Borehole Logging Form

Boring/Well ID #: Soil Bore 2	SITE NAME: 11117 Line Location 1 NMR2016953070	CLIENT NAME: DCP Operating Company, LP
Date Started: 1/13/2021	Location: UL "P", Sec. 14, T23S, R26E	
Date Completed: 1/13/2021	TOC Elevation:	DTW: ~193 Ft.
Type of Drill: Air Rotary	Staff Scientist: Becky Griffin	
Bit Size: 6"	Project Manager: Kyle Norman	
Drilling Company: HCI Drilling, Inc.		

Depth (feet)	Well Completion	Sample Type	Field CL-	PID (ppm)	Laboratory Sample	USCS	Description
Surface			89	2.5			TOP SOIL SANDY CLAY BROWN
5			85	2.5			FINE CALICHE - TAN
10			84	2.8			SANDY CALICHE PEBS ALLIANTAL - TAN
15			91	1.8			SANDY CALICHE SMALL GRAVEL - TAN
20			87	2.1			SANDY CALICHE SMALL GRAVEL - TAN
25							
30							
35							
40							
45							
50							
55							
60							
65							
70							
75							
80							
85							
90							
95							
100							
105							
110							
115							
120							



Borehole Logging Form

Boring/Well ID #: Soil Bore 3		SITE NAME: 11117 Line Location 1 NMR2016953070		CLIENT NAME: DCP Operating Company, LP	
Date Started: 1/13/2021		Location: UL "P", Sec. 14, T23S, R26E			
Date Completed: 1/13/2021		TOC Elevation:		DTW: ~193 Ft.	
Type of Drill: Air Rotary		Staff Scientist: Becky Griffin			
Bit Size: 6"		Project Manager: Kyle Norman			
Drilling Company: HCI Drilling, Inc.					

Depth (feet)	Well Completion	Sample Type	Field CL-	PID (ppm)	Laboratory Sample	USCS	Description
Surface			88	1.2			TOPSOIL SANDY CLAY BROWN
5			85	2.2			VERY FINE CALICHE-TAN
10			92	3.1			SANDY CALICHE SMALL GRAVEL - TAN
15			91	1.8			VERY FINE CALICHE SMALL GRAVEL - TAN
20			86	1.1			VERY FINE CALICHE SMALL GRAVEL - TAN
25							
30							
35							
40							
45							
50							
55							
60							
65							
70							
75							
80							
85							
90							
95							
100							
105							
110							
115							
120							



Borehole Logging Form

Boring/Well ID #: Soil Bore 4		SITE NAME: 11117 Line Location 1 NMR2016953070		CLIENT NAME: DCP Operating Company, LP			
Date Started: 1/13/2021		Location: UL "P", Sec. 14, T23S, R26E					
Date Completed: 1/13/2021		TOC Elevation:		DTW: ~193 Ft.			
Type of Drill: Air Rotary		Staff Scientist: Becky Griffin					
Bit Size: 6"		Project Manager: Kyle Norman					
Drilling Company: HCI Drilling, Inc.							
Depth (feet)	Well Completion	Sample Type	Field CL-	PID (ppm)	Laboratory Sample	USCS	Description
Surface			87	4.7			TOPSOIL SANDY CLAY BROWN
5			89	4.2			SANDY CALICHE - TAN
10			89	3.2			FINE CALICHE SMALL GRAVEL - TAN
15			89	5.2			FINE CALICHE PECS ALLUVIAL - TAN
20			87	1.8			FINE CALICHE PECS ALLUVIAL - TAN
25							
30							
35							
40							
45							
50							
55							
60							
65							
70							
75							
80							
85							
90							
95							
100							
105							
110							
115							
120							



Borehole Logging Form

Boring/Well ID #: Soil Bore 5	SITE NAME: 11117 Line Location 1 NMR2016953070	CLIENT NAME: DCP Operating Company, LP
Date Started: 1/13/2021	Location: UL "P", Sec. 14, T23S, R26E	
Date Completed: 1/13/2021	TOC Elevation:	DTW: ~193 Ft.
Type of Drill: Air Rotary	Staff Scientist: Becky Griffin	
Bit Size: 6"	Project Manager: Kyle Norman	
Drilling Company: HCI Drilling, Inc.		

Depth (feet)	Well Completion	Sample Type	Field CL-	PID (ppm)	Laboratory Sample	USCS	Description
Surface			88	2.9			TOPSOIL SANDY CLAY BROWN
5			88	2.1			SANDY CALICHE / PECOS ALLUVIAL - TAN
10			85	2			SANDY CALICHE / SMALL GRAVEL - TAN
15			87	1.5			VERY FINE CALICHE / PECOS ALLUVIAL - TAN
20			84	3.1			FINE CALICHE / PECOS ALLUVIAL - TAN
25							
30							
35							
40							
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80							
85							
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100							
105							
110							
115							
120							

Appendix F
C-141 Closure Form

State of New Mexico
Oil Conservation Division

Incident ID	NRM2016953070
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: 3/8/2021

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

OCD Only

Received by: Cristina Eads Date: 04/06/2021

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: *Cristina Eads* Date: 06/30/2021

Printed Name: Cristina Eads Title: Environmental Specialist

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 20052

CONDITIONS

Operator: DCP OPERATING COMPANY, LP 370 17th Street, Suite 2500 Denver, CO 80202	OGRID: 36785
	Action Number: 20052
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
ceads	None	6/30/2021