

APPROVED

By Olivia Yu at 2:40 pm, Mar 27, 2018

NMOCD approves of the delineation completed and remediation for 1RP-4982. Backfill request is granted.

Figures



DATE:	March 2018
DESIGNED BY:	K. Norman
DRAWN BY:	D. Cavinder



Tasman Geosciences Inc.
6899 Pecos Street - Unit C
Denver, CO 80221

DCP Midstream
N-1 Extension Line (1RP-4982)
NWNW Section 13, Township 20 South, Range 37 East
Lea County, New Mexico

Site Overview
Figure
(Southern Excavation)

Figure
1



DATE:	March 2018
DESIGNED BY:	K. Norman
DRAWN BY:	D. Cavinder



TASMAN
GEOSCIENCES

Tasman Geosciences Inc.
6899 Pecos Street - Unit C
Denver, CO 80221

DCP Midstream
N-1 Extension Line (1RP-4982)
NWNW Section 13, Township 20 South, Range 37 East
Lea County, New Mexico

Site Overview
Figure
(Northern Excavation)

Figure
2

Tables

TABLE 1
DCP MIDSTREAM
N-1 Ext pipeline (1RP-4982) Leak 1
EXCAVATION SOIL SAMPLE ANALYTICAL RESULTS SUMMARY TABLE

Sample ID	Date Sampled	PID Readings (ppm)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (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)
EAST WALL PT. 1	2/28/2018	0.3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
EAST WALL PT. 2	2/28/2018	0.6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
WEST WALL PT. 1	2/28/2018	0.6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
WEST WALL PT. 2	2/28/2018	0.1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
NORTH WALL PT. 1	2/28/2018	67.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	422	44.2	466.2	<10.0
NORTH WALL	3/21/2018	0.3	NA	NA	NA	NA	NA	<10.0	<10.0	<10.0	<10.0	NA
SOUTH WALL PT. 1	2/28/2018	4.2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
BS01 @10' (Base Sample)	2/28/2018	9.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	95.4	<10.0	95.4	<10.0
HA Pt.1 @13' (Hand Auger)	2/28/2018	19.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
BS02 @10' (Base Sample)	2/28/2018	102.7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	195	<10.0	195	<10.0
HA Pt.2 @13' (Hand Auger)	2/28/2018	382.0	<0.050	<0.050	0.067	0.575	0.641	31.4	240	<10.0	271.4	<10.0
HA Pt.2 @15' (Hand Auger)	3/21/2018	2.1	NA	NA	NA	NA	NA	<10.0	<10.0	<10.0	<10.0	NA
BS03 @3' (Base Sample)	2/28/2018	5.3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	43.9	<10.0	43.9	<10.0
BS04 @4' (Base Sample)	3/21/2018	5.6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	NA
NMOCD Action Levels - Soil (mg/kg) ⁽¹⁾			10	NA	NA	NA	50	NA	NA	NA	500	250

Notes:

1). Standards for Soil are taken from NMOCD Guidelines for Remediation of Leaks, Spills and Releases, 1993, total ranking >19

2). TPH - Total volatile and extractable petroleum hydrocarbons. Value calculated by adding GRO and DRO concentrations.

Bold indicates concentration exceeds NMOCD Action Levels.

GRO - Gasoline range organics.

mg/kg= Milligrams per kilogram.

ppm - Parts per million

TABLE 2
DCP MIDSTREAM
N-1 Ext pipeline (1RP-4982) Leak 2
EXCAVATION SOIL SAMPLE ANALYTICAL RESULTS SUMMARY TABLE

Sample ID	Date Sampled	PID Readings (ppm)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (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)
EAST WALL PT. 1	2/28/2018	1.1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
EAST WALL PT. 2	2/28/2018	0.6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
WEST WALL PT. 1	2/28/2018	0.7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
WEST WALL PT. 2	2/28/2018	0.3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
SOUTH WALL PT. 1	2/28/2018	0.4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
BS01 @11' (Base Sample)	2/28/2018	0.6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
HA Pt.1 @14' (Hand Auger)	2/28/2018	0.4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
BS02 @11' (Base Sample)	2/28/2018	0.4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
HA Pt.2 @13' (Hand Auger)	2/28/2018	0.4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
NMOCD Action Levels - Soil (mg/kg) ⁽¹⁾			10	NA	NA	NA	50	NA	NA	NA	500	250

Notes:

1). Standards for Soil are taken from NMOCD Guidelines for Remediation of Leaks, Spills and Releases, 1993, total ranking >19

2). TPH - Total volatile and extractable petroleum hydrocarbons. Value calculated by adding GRO and DRO concentrations.

Bold indicates concentration exceeds NMOCD Action Levels.

GRO - Gasoline range organics.

mg/kg= Milligrams per kilogram.

ppm - Parts per million

TABLE 3
DCP MIDSTREAM
N-1 Ext pipeline (1RP-4982) Leak 3
EXCAVATION SOIL SAMPLE ANALYTICAL RESULTS SUMMARY TABLE

Sample ID	Date Sampled	PID Readings (ppm)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (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)
EAST WALL PT. 1	2/28/2018	0.1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
EAST WALL PT. 2	2/28/2018	0.4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	20.8
WEST WALL PT. 1	2/28/2018	0.4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
WEST WALL PT. 2	2/28/2018	0.3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
NORTH WALL PT. 1	2/28/2018	0.4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
BS01 @11' (Base Sample)	2/28/2018	0.2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	13.6
HA Pt.1 @14' (Hand Auger)	2/28/2018	2.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
BS02 @11' (Base Sample)	2/28/2018	0.4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
HA Pt.2 @13' (Hand Auger)	2/28/2018	1.6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
NMOCD Action Levels - Soil (mg/kg) ⁽¹⁾			10	NA	NA	NA	50	NA	NA	NA	500	250

Notes:

1). Standards for Soil are taken from NMOCD Guidelines for Remediation of Leaks, Spills and Releases, 1993, total ranking >19

2). TPH - Total volatile and extractable petroleum hydrocarbons. Value calculated by adding GRO and DRO concentrations.

Bold indicates concentration exceeds NMOCD Action Levels.

GRO - Gasoline range organics.

mg/kg= Milligrams per kilogram.

ppm - Parts per million

Appendix A

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

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

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company DCP Midstream LP	Contact Yvonne Blair	
Address 5301 Sierra Vista	Telephone No. cell 575-361-2406	
Facility Name N-1 Ext	Facility Type Natural Gas Gathering Pipeline	
Surface Owner: Trent Stradley	Mineral Owner: unknown	API No. N/A

LOCATION OF RELEASE

Unit Letter E	Section 13	Township 20S	Range 37E	Feet from the	North/South Line	Feet from the	East/West Line	County Lea
-------------------------	---------------	-----------------	--------------	---------------	------------------	---------------	----------------	---------------

Latitude _ 32.5765915 _ Longitude -103.2105531

NATURE OF RELEASE

Type of Release: Condensate	Volume of Release 1 BBL	Volume Recovered 0
Source of Release Pipeline	Date and Hour of Occurrence 02-08-18 3:00 PM	Date and Hour of Discovery 02-08-18 3:00 PM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	
If a Watercourse was Impacted, Describe Fully.* N / A		

RECEIVED

By Olivia Yu at 7:33 am, Mar 05, 2018

Describe Cause of Problem and Remedial Action Taken.*
DCPM was notified of a possible line leak on the N-1 Ext in the Eunice gathering field. A DCP operator was dispatched to the site and shut in gas. Fencing was placed around leak area to protect any wildlife from entering spill area. On February 15th, 2018 the construction crew begin to excavate the site and it was determined the area of impact was greater than visible on ground.

Describe Area Affected and Cleanup Action Taken.*

A cleanup plan will be submitted to OCD Approval. The excavation from the repairs will be left open until remediation can be completed.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health, or the environment. In addition, NMOCD 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.

Signature: <i>Yvonne Blair</i>		OIL CONSERVATION DIVISION	
Printed Name: Yvonne Blair		Approved by Environmental Specialist: <i>Y</i>	
Title: Compliance Coordinator		Approval Date: 3/5/2018	Expiration Date:
E-mail Address: ybblair@dcpmidstream.com		Conditions of Approval:	Attached <input checked="" type="checkbox"/>
Date: 03/01/18 Phone: 575-361-2406		see attached directive	

* Attach Additional Sheets If Necessary

fOY1806428089

1RP-4982

nOY1806428200

pOY1806428500

Operator/Responsible Party,

The OCD has received the form C-141 you provided on 3/1/2018 regarding an unauthorized release. The information contained on that form has been entered into our incident database and remediation case number 1RP-4982 has been assigned. **Please refer to this case number in all future correspondence.**

It is the Division's obligation under both the Oil & Gas Act and Water Quality Act to provide for the protection of public health and the environment. Our regulations (19.15.29.11 NMAC) state the following,

The responsible person shall complete division-approved corrective action for releases that endanger public health or the environment. The responsible person shall address releases in accordance with a remediation plan submitted to and approved by the division or with an abatement plan submitted in accordance with 19.15.30 NMAC. [emphasis added]

Release characterization is the first phase of corrective action unless the release is ongoing or is of limited volume and all impacts can be immediately addressed. Proper and cost-effective remediation typically cannot occur without adequate characterization of the impacts of any release. Furthermore, the Division has the ability to impose reasonable conditions upon the efforts it oversees. **As such, the Division is requiring a workplan for the characterization of impacts associated with this release be submitted to the OCD District 1 office in Hobbs on or before 4/5/2018. If and when the release characterization workplan is approved, there will be an associated deadline for submittal of the resultant investigation report. Modest extensions of time to these deadlines may be granted, but only with acceptable justification.**

The goals of a characterization effort are: 1) determination of the lateral and vertical extents along with the magnitude of soil contamination. 2) determine if groundwater or surface waters have been impacted. 3) If groundwater or surface waters have been impacted, what are the extents and magnitude of that impact. 4) The characterization of any other adverse impacts that may have occurred (examples: impacts on vegetation, impacts on wildlife, air quality, loss of use of property, etc.). To meet these goals as quickly as possible, the following items must, at a minimum, be addressed in the release characterization workplan and subsequent reporting:

- Horizontal delineation of soil impacts in each of the four cardinal compass directions. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C₆ thru C₃₆), and for chloride by Method 300. This is not an exclusive list of potential contaminants. Analyzed parameters should be modified based on the nature of the released substance(s). Soil sampling must be both within the impacted area and beyond.
- Vertical delineation of soil impacts. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C₆ thru C₃₆), and for chloride by Method 300. As above, this is not an exclusive list of potential contaminants and can be modified. Vertical characterization samples should be taken at depth intervals no greater than five feet apart. Lithologic description of encountered soils must also be provided. At least ten vertical feet of soils with contaminant concentrations at or below these values must be demonstrated as existing above the water table.
- Nominal detection limits for field and laboratory analyses must be provided.
- Composite sampling is not generally allowed.
- Field screening and assessment techniques are acceptable (headspace, titration, EC [include algorithm for validation purposes], EM, etc.), but the sampling and assay procedures must be clearly defined. Copies of field notes are highly desirable. A statistically significant set of split samples must be submitted for confirmatory laboratory analysis, including the laterally farthest and vertically deepest sets of soil samples. Make sure there are at least two soil samples submitted

for laboratory analysis from each borehole or test pit (highest observed contamination and deepest depth investigated). Copies of the actual laboratory results must be provided including chain of custody documentation.

- Probable depth to shallowest protectable groundwater and lateral distance to nearest surface water. If there is an estimate of groundwater depth, the information used to arrive at that estimate must be provided. If there is a reasonable assumption that the depth to protectable water is 50 feet or less, the responsible party should anticipate the need for at least one groundwater monitoring well to be installed in the area of likely maximum contamination.

- If groundwater contamination is encountered, an additional investigation workplan may be required to determine the extents of that contamination. Groundwater and/or surface water samples, if any, must be analyzed by a competent laboratory for volatile organic hydrocarbons (typically Method 8260 full list), total dissolved solids, pH, major anions and cations including chloride and sulfate, dissolved iron, and dissolved manganese. The investigation workplan must provide the groundwater sampling method(s) and sample handling protocols. To the fullest extent possible, aqueous analyses must be undertaken using nominal method detection limits. As with the soil analyses, copies of the actual laboratory results must be provided including chain of custody documentation.

- Accurately scaled and well-drafted site maps must be provided providing the location of borings, test pits, monitoring wells, potentially impacted areas, and significant surface features including roads and site infrastructure that might limit either the release characterization or remedial efforts. Field sketches may be included in subsequent reporting, but should not be considered stand-alone documentation of the site's layout. Digital photographic documentation of the location and fieldwork is recommended, especially if unusual circumstances are encountered.

Nothing herein should be interpreted to preclude emergency response actions or to imply immediate remediation by removal cannot proceed as warranted. Nonetheless, characterization of impacts and confirmation of the effectiveness of remedial efforts must still be provided to the OCD before any release incident will be closed.

Jim Griswold

OCD Environmental Bureau Chief
1220 South St. Francis Drive
Santa Fe, New Mexico 87505
505-476-3465
jim.griswold@state.nm.us

Appendix B

March 12, 2018

YVONNE BLAIR

DCP Midstream - Midland

10 Desta Dr., #400-W

Midland, TX 79705

RE: N-1 EXT LEAK 1

Enclosed are the results of analyses for samples received by the laboratory on 02/28/18 15:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-17-10. 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

Analytical Results For:DCP Midstream - Midland
10 Desta Dr., #400-W
Midland TX, 79705Project: N-1 EXT LEAK 1
Project Number: 710001947 F210
Project Manager: YVONNE BLAIR
Fax To: NoneReported:
12-Mar-18 17:42

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
EAST WALL PT. 1	H800592-01	Soil	28-Feb-18 09:30	28-Feb-18 15:10
EAST WALL PT. 2	H800592-02	Soil	28-Feb-18 09:32	28-Feb-18 15:10
WEST WALL PT. 1	H800592-03	Soil	28-Feb-18 09:36	28-Feb-18 15:10
WEST WALL PT. 2	H800592-04	Soil	28-Feb-18 09:40	28-Feb-18 15:10
NORTH WALL PT. 1	H800592-05	Soil	28-Feb-18 09:43	28-Feb-18 15:10
SOUTH WALL PT. 1	H800592-06	Soil	28-Feb-18 09:46	28-Feb-18 15:10
BS01@10'	H800592-07	Soil	28-Feb-18 09:55	28-Feb-18 15:10
BS02@10'	H800592-08	Soil	28-Feb-18 09:57	28-Feb-18 15:10
BS03@3'	H800592-09	Soil	28-Feb-18 09:59	28-Feb-18 15:10
HA PT.1 @ 13'	H800592-10	Soil	28-Feb-18 10:40	28-Feb-18 15:10
HA PT.2 @ 13'	H800592-11	Soil	28-Feb-18 10:55	28-Feb-18 15:10

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
10 Desta Dr., #400-W
Midland TX, 79705

Project: N-1 EXT LEAK 1
Project Number: 710001947 F210
Project Manager: YVONNE BLAIR
Fax To: None

Reported:
12-Mar-18 17:42

EAST WALL PT. 1 H800592-01 (Soil)

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

Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Toluene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			90.9 %	72-148		8030204	MS	02-Mar-18	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	8030106	MS	01-Mar-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8030106	MS	01-Mar-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8030106	MS	01-Mar-18	8015B	
Surrogate: 1-Chlorooctane			104 %	41-142		8030106	MS	01-Mar-18	8015B	
Surrogate: 1-Chlorooctadecane			98.0 %	37.6-147		8030106	MS	01-Mar-18	8015B	

Green Analytical Laboratories

Soluble (DI Water Extraction)

Chloride	<10.0		10.0	mg/kg wet	10	B803022	JDA	07-Mar-18	EPA300.0	
----------	-------	--	------	-----------	----	---------	-----	-----------	----------	--

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
10 Desta Dr., #400-W
Midland TX, 79705

Project: N-1 EXT LEAK 1
Project Number: 710001947 F210
Project Manager: YVONNE BLAIR
Fax To: None

Reported:
12-Mar-18 17:42

EAST WALL PT. 2

H800592-02 (Soil)

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

Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Toluene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	8030204	MS	02-Mar-18	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			93.1 %	72-148		8030204	MS	02-Mar-18	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	8030106	MS	01-Mar-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8030106	MS	01-Mar-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8030106	MS	01-Mar-18	8015B	
<i>Surrogate: 1-Chlorooctane</i>			97.0 %	41-142		8030106	MS	01-Mar-18	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			86.6 %	37.6-147		8030106	MS	01-Mar-18	8015B	

Green Analytical Laboratories

Soluble (DI Water Extraction)

Chloride	<10.0		10.0	mg/kg wet	10	B803022	JDA	07-Mar-18	EPA300.0	
----------	-------	--	------	-----------	----	---------	-----	-----------	----------	--

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
10 Desta Dr., #400-W
Midland TX, 79705

Project: N-1 EXT LEAK 1
Project Number: 710001947 F210
Project Manager: YVONNE BLAIR
Fax To: None

Reported:
12-Mar-18 17:42

WEST WALL PT. 1

H800592-03 (Soil)

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

Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Toluene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	8030204	MS	02-Mar-18	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			93.2 %	72-148		8030204	MS	02-Mar-18	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	8030106	MS	01-Mar-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8030106	MS	01-Mar-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8030106	MS	01-Mar-18	8015B	
<i>Surrogate: 1-Chlorooctane</i>			97.7 %	41-142		8030106	MS	01-Mar-18	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			89.9 %	37.6-147		8030106	MS	01-Mar-18	8015B	

Green Analytical Laboratories

Soluble (DI Water Extraction)

Chloride	<10.0		10.0	mg/kg wet	10	B803022	JDA	08-Mar-18	EPA300.0	
----------	-------	--	------	-----------	----	---------	-----	-----------	----------	--

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
10 Desta Dr., #400-W
Midland TX, 79705

Project: N-1 EXT LEAK 1
Project Number: 710001947 F210
Project Manager: YVONNE BLAIR
Fax To: None

Reported:
12-Mar-18 17:42

WEST WALL PT. 2

H800592-04 (Soil)

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

Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Toluene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	8030204	MS	02-Mar-18	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			93.4 %	72-148		8030204	MS	02-Mar-18	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	8030106	MS	01-Mar-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8030106	MS	01-Mar-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8030106	MS	01-Mar-18	8015B	
<i>Surrogate: 1-Chlorooctane</i>			93.4 %	41-142		8030106	MS	01-Mar-18	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			88.2 %	37.6-147		8030106	MS	01-Mar-18	8015B	

Green Analytical Laboratories

Soluble (DI Water Extraction)

Chloride	<10.0		10.0	mg/kg wet	10	B803022	JDA	08-Mar-18	EPA300.0	
----------	-------	--	------	-----------	----	---------	-----	-----------	----------	--

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
10 Desta Dr., #400-W
Midland TX, 79705

Project: N-1 EXT LEAK 1
Project Number: 710001947 F210
Project Manager: YVONNE BLAIR
Fax To: None

Reported:
12-Mar-18 17:42

NORTH WALL PT. 1

H800592-05 (Soil)

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

Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Toluene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	8030204	MS	02-Mar-18	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			92.5 %	72-148		8030204	MS	02-Mar-18	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
DRO >C10-C28*	422		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	QM-07
EXT DRO >C28-C36	44.2		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
<i>Surrogate: 1-Chlorooctane</i>			91.7 %	41-142		8030201	MS	02-Mar-18	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			93.9 %	37.6-147		8030201	MS	02-Mar-18	8015B	

Green Analytical Laboratories

Soluble (DI Water Extraction)

Chloride	<10.0		10.0	mg/kg wet	10	B803022	JDA	08-Mar-18	EPA300.0	
----------	-------	--	------	-----------	----	---------	-----	-----------	----------	--

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
10 Desta Dr., #400-W
Midland TX, 79705

Project: N-1 EXT LEAK 1
Project Number: 710001947 F210
Project Manager: YVONNE BLAIR
Fax To: None

Reported:
12-Mar-18 17:42

SOUTH WALL PT. 1

H800592-06 (Soil)

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

Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Toluene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	8030204	MS	02-Mar-18	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			99.4 %	72-148		8030204	MS	02-Mar-18	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
<i>Surrogate: 1-Chlorooctane</i>			85.2 %	41-142		8030201	MS	02-Mar-18	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			74.1 %	37.6-147		8030201	MS	02-Mar-18	8015B	

Green Analytical Laboratories

Soluble (DI Water Extraction)

Chloride	<10.0		10.0	mg/kg wet	10	B803022	JDA	08-Mar-18	EPA300.0	
----------	-------	--	------	-----------	----	---------	-----	-----------	----------	--

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
10 Desta Dr., #400-W
Midland TX, 79705

Project: N-1 EXT LEAK 1
Project Number: 710001947 F210
Project Manager: YVONNE BLAIR
Fax To: None

Reported:
12-Mar-18 17:42

BS01@10' H800592-07 (Soil)

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

Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Toluene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	8030204	MS	02-Mar-18	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			92.8 %	72-148		8030204	MS	02-Mar-18	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
DRO >C10-C28*	95.4		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
<i>Surrogate: 1-Chlorooctane</i>			92.5 %	41-142		8030201	MS	02-Mar-18	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			86.4 %	37.6-147		8030201	MS	02-Mar-18	8015B	

Green Analytical Laboratories

Soluble (DI Water Extraction)

Chloride	<10.0		10.0	mg/kg wet	10	B803022	JDA	08-Mar-18	EPA300.0	
----------	-------	--	------	-----------	----	---------	-----	-----------	----------	--

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
10 Desta Dr., #400-W
Midland TX, 79705

Project: N-1 EXT LEAK 1
Project Number: 710001947 F210
Project Manager: YVONNE BLAIR
Fax To: None

Reported:
12-Mar-18 17:42

BS02@10' H800592-08 (Soil)

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

Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Toluene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	8030204	MS	02-Mar-18	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.0 %	72-148		8030204	MS	02-Mar-18	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
DRO >C10-C28*	195		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
<i>Surrogate: 1-Chlorooctane</i>			94.4 %	41-142		8030201	MS	02-Mar-18	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			87.8 %	37.6-147		8030201	MS	02-Mar-18	8015B	

Green Analytical Laboratories

Soluble (DI Water Extraction)

Chloride	<10.0		10.0	mg/kg wet	10	B803022	JDA	08-Mar-18	EPA300.0	
----------	-------	--	------	-----------	----	---------	-----	-----------	----------	--

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
10 Desta Dr., #400-W
Midland TX, 79705

Project: N-1 EXT LEAK 1
Project Number: 710001947 F210
Project Manager: YVONNE BLAIR
Fax To: None

Reported:
12-Mar-18 17:42

BS03@3' H800592-09 (Soil)

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

Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Toluene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	8030204	MS	02-Mar-18	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			96.5 %	72-148		8030204	MS	02-Mar-18	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
DRO >C10-C28*	43.9		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
<i>Surrogate: 1-Chlorooctane</i>			96.3 %	41-142		8030201	MS	02-Mar-18	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			85.2 %	37.6-147		8030201	MS	02-Mar-18	8015B	

Green Analytical Laboratories

Soluble (DI Water Extraction)

Chloride	<10.0		10.0	mg/kg wet	10	B803022	JDA	08-Mar-18	EPA300.0	
----------	-------	--	------	-----------	----	---------	-----	-----------	----------	--

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
10 Desta Dr., #400-W
Midland TX, 79705

Project: N-1 EXT LEAK 1
Project Number: 710001947 F210
Project Manager: YVONNE BLAIR
Fax To: None

Reported:
12-Mar-18 17:42

HA PT.1 @ 13'

H800592-10 (Soil)

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

Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Toluene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	8030204	MS	02-Mar-18	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.4 %	72-148		8030204	MS	02-Mar-18	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
<i>Surrogate: 1-Chlorooctane</i>			95.9 %	41-142		8030201	MS	02-Mar-18	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			83.8 %	37.6-147		8030201	MS	02-Mar-18	8015B	

Green Analytical Laboratories

Soluble (DI Water Extraction)

Chloride	<10.0		10.0	mg/kg wet	10	B803022	JDA	08-Mar-18	EPA300.0	
----------	-------	--	------	-----------	----	---------	-----	-----------	----------	--

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
10 Desta Dr., #400-W
Midland TX, 79705

Project: N-1 EXT LEAK 1
Project Number: 710001947 F210
Project Manager: YVONNE BLAIR
Fax To: None

Reported:
12-Mar-18 17:42

HA PT.2 @ 13'

H800592-11 (Soil)

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

Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Toluene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Ethylbenzene*	0.067		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Total Xylenes*	0.575		0.150	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Total BTEX	0.641		0.300	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			96.8 %	72-148		8030204	MS	02-Mar-18	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	31.4		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
DRO >C10-C28*	240		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
Surrogate: 1-Chlorooctane			92.5 %	41-142		8030201	MS	02-Mar-18	8015B	
Surrogate: 1-Chlorooctadecane			85.0 %	37.6-147		8030201	MS	02-Mar-18	8015B	

Green Analytical Laboratories

Soluble (DI Water Extraction)

Chloride	<10.0		10.0	mg/kg wet	10	B803022	JDA	08-Mar-18	EPA300.0	
----------	-------	--	------	-----------	----	---------	-----	-----------	----------	--

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
10 Desta Dr., #400-W
Midland TX, 79705

Project: N-1 EXT LEAK 1
Project Number: 710001947 F210
Project Manager: YVONNE BLAIR
Fax To: None

Reported:
12-Mar-18 17:42

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 8030204 - Volatiles

Blank (8030204-BLK1)

Prepared & Analyzed: 02-Mar-18

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)	0.0940		mg/kg	0.100		94.0	72-148			

LCS (8030204-BS1)

Prepared & Analyzed: 02-Mar-18

Benzene	1.98	0.050	mg/kg	2.00		98.9	79.5-124			
Toluene	2.00	0.050	mg/kg	2.00		100	75.5-127			
Ethylbenzene	2.02	0.050	mg/kg	2.00		101	77.7-125			
Total Xylenes	6.30	0.150	mg/kg	6.00		105	70.9-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0895		mg/kg	0.100		89.5	72-148			

LCS Dup (8030204-BSD1)

Prepared & Analyzed: 02-Mar-18

Benzene	2.06	0.050	mg/kg	2.00		103	79.5-124	4.16	6.5	
Toluene	2.08	0.050	mg/kg	2.00		104	75.5-127	3.77	7.02	
Ethylbenzene	2.11	0.050	mg/kg	2.00		105	77.7-125	4.04	7.83	
Total Xylenes	6.51	0.150	mg/kg	6.00		109	70.9-124	3.36	7.78	
Surrogate: 4-Bromofluorobenzene (PID)	0.0912		mg/kg	0.100		91.2	72-148			

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
10 Desta Dr., #400-W
Midland TX, 79705

Project: N-1 EXT LEAK 1
Project Number: 710001947 F210
Project Manager: YVONNE BLAIR
Fax To: None

Reported:
12-Mar-18 17:42

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 8030106 - General Prep - Organics

Blank (8030106-BLK1)

Prepared & Analyzed: 01-Mar-18

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C35	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Total TPH C6-C28	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	51.7		mg/kg	50.0		103	41-142			
Surrogate: 1-Chlorooctadecane	46.2		mg/kg	50.0		92.5	37.6-147			

LCS (8030106-BS1)

Prepared & Analyzed: 01-Mar-18

GRO C6-C10	215	10.0	mg/kg	200		107	76.5-133			
DRO >C10-C28	201	10.0	mg/kg	200		101	72.9-138			
Total TPH C6-C28	416	10.0	mg/kg	400		104	78-132			
Surrogate: 1-Chlorooctane	55.0		mg/kg	50.0		110	41-142			
Surrogate: 1-Chlorooctadecane	50.7		mg/kg	50.0		101	37.6-147			

LCS Dup (8030106-BSD1)

Prepared & Analyzed: 01-Mar-18

GRO C6-C10	211	10.0	mg/kg	200		106	76.5-133	1.73	20.6	
DRO >C10-C28	198	10.0	mg/kg	200		99.0	72.9-138	1.70	20.6	
Total TPH C6-C28	409	10.0	mg/kg	400		102	78-132	1.72	18	
Surrogate: 1-Chlorooctane	53.6		mg/kg	50.0		107	41-142			
Surrogate: 1-Chlorooctadecane	50.5		mg/kg	50.0		101	37.6-147			

Batch 8030201 - General Prep - Organics

Blank (8030201-BLK1)

Prepared & Analyzed: 02-Mar-18

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C35	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Total TPH C6-C28	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	49.4		mg/kg	50.0		98.7	41-142			
Surrogate: 1-Chlorooctadecane	44.4		mg/kg	50.0		88.9	37.6-147			

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
10 Desta Dr., #400-W
Midland TX, 79705

Project: N-1 EXT LEAK 1
Project Number: 710001947 F210
Project Manager: YVONNE BLAIR
Fax To: None

Reported:
12-Mar-18 17:42

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 8030201 - General Prep - Organics

LCS (8030201-BS1)

Prepared & Analyzed: 02-Mar-18

GRO C6-C10	232	10.0	mg/kg	200		116	76.5-133			
DRO >C10-C28	200	10.0	mg/kg	200		99.8	72.9-138			
Total TPH C6-C28	431	10.0	mg/kg	400		108	78-132			
Surrogate: 1-Chlorooctane	50.4		mg/kg	50.0		101	41-142			
Surrogate: 1-Chlorooctadecane	46.6		mg/kg	50.0		93.3	37.6-147			

LCS Dup (8030201-BSD1)

Prepared & Analyzed: 02-Mar-18

GRO C6-C10	232	10.0	mg/kg	200		116	76.5-133	0.335	20.6	
DRO >C10-C28	199	10.0	mg/kg	200		99.3	72.9-138	0.423	20.6	
Total TPH C6-C28	431	10.0	mg/kg	400		108	78-132	0.0154	18	
Surrogate: 1-Chlorooctane	50.9		mg/kg	50.0		102	41-142			
Surrogate: 1-Chlorooctadecane	48.2		mg/kg	50.0		96.5	37.6-147			

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:DCP Midstream - Midland
10 Desta Dr., #400-W
Midland TX, 79705Project: N-1 EXT LEAK 1
Project Number: 710001947 F210
Project Manager: YVONNE BLAIR
Fax To: NoneReported:
12-Mar-18 17:42**Soluble (DI Water Extraction) - Quality Control****Green Analytical Laboratories**

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

Batch B803022 - General Prep - Wet Chem**Blank (B803022-BLK1)**

Prepared: 05-Mar-18 Analyzed: 07-Mar-18

Chloride ND 10.0 mg/kg wet

LCS (B803022-BS1)

Prepared: 05-Mar-18 Analyzed: 07-Mar-18

Chloride 234 10.0 mg/kg wet 250 93.7 85-115

LCS Dup (B803022-BSD1)

Prepared: 05-Mar-18 Analyzed: 07-Mar-18

Chloride 235 10.0 mg/kg wet 250 94.0 85-115 0.311 20

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager



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

1 22

Company Name: DCP Midstream		P.O. #: 0000420682		ANALYSIS REQUEST																			
Project Manager: Yvonne Blair/ Kyle Norman		Company: DCP MIDSTREAM																					
Address: 5301 Sierra Vista Dr		Attn: YVONNE BLAIR																					
City: Carlsbad		Address: 5301 SIERRA VISTA Dr																					
Phone #: 575-361-2406		City: CARLSBAD																					
Fax #: 575-361-2406		State: NM Zip: 88220																					
Project #: 710001947		State: NM Zip: 88220																					
Project Owner:		Phone #: 575-234-6401																					
Project Name: N-1 Ext Leak 1		Fax #:																					
Project Location: F231 F210 F250 F261																							
Sampler Name: Kyle Norman																							
FOR LAB USE ONLY																							
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING											
								GROUNDWATER															
								WASTEWATER															
								SOIL															
								OIL															
								SLUDGE															
								OTHER :															
								ACID/BASE:															
								ICE / COOL															
								OTHER :															
								DATE															
								TIME															
H800592								2/28/18															
1		East Wall Pt. 1		✓		✓		✓															
2		East Wall Pt. 2		✓		✓		✓															
3		West Wall Pt. 1		✓		✓		✓															
4		West Wall Pt. 2		✓		✓		✓															
5		North Wall Pt. 1		✓		✓		✓															
6		South Wall Pt. 1		✓		✓		✓															
7		BS01@10'		✓		✓		✓															
8		BS02@10'		✓		✓		✓															
9		BS03@3'		✓		✓		✓															
10		HA Pt. 1 @13'		✓		✓		✓															
PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising from this contract or for any claim arising from 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 or successors arising out of or related to the performance of services rendered by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.																							
Relinquished By:		Date: 2/28/18		Received By:		Date: 2/28/18		Time: 10:40															
Relinquished By: Kyle Norman				Received By: Yvonne Blair																			
Delivered By: (Circle One) UPS		#75		Sample Condition		CHECKED BY: [Signature]																	
Sampler - UPS - Bus - Other: 2.10 - 2.05				Cool Intact		Yes [X] No []																	
				Yes [X] No []																			
† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476																							
Corrected - 0.05																							
REMARKS:																							
Phone Result: [] Yes [X] No [] Add'l Phone #:																							
Fax Result: [] Yes [X] No [] Add'l Fax #:																							
email results: ybblair@dcpmidstream.com																							
honder@dcpmidstream.com																							
knorman@tasman-geo.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

2022

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: DCP Midstream Project Manager: Yvonne Blair/ Kyle Norman Address: 5301 Sierra Vista Dr City: Carlsbad State: NM Zip: 88220 Phone #: 575-361-2406 Fax #: Project #: 710001947 Project Owner: Project Name: N-1 Ext Leak 1 Project Location: F231 (F210) F250 F261 Sample Name: <small>FOR LAB USE ONLY</small>				P.O. #: 0000420682 Company: DCP MIDSTREAM Attn: YVONNE BLAIR Address: 5301 SIERRA VISTA DR City: CARLSBAD State: NM Zip: 88220 Phone #: 575-234-6401 Fax #:			
Lab I.D. H800592 11				Sample I.D. HA Pt.2 @13'			
(G)RAB OR (C)OMP.				# CONTAINERS			
GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :				ACID/BASE: ICE / COOL OTHER :			
DATE				TIME			
2/28/18				10:55			
Chlorides 300				TPH 8015 M EXT			
BTEX				Texas TPH			
Complete Cations/Anions				TDS			
REMARKS:				email results: ybblair@dcpmidstream.com hconder@dcpmidstream.com knorman@tasman-geo.com			

March 08, 2018

YVONNE BLAIR

DCP Midstream - Midland

10 Desta Dr., #400-W

Midland, TX 79705

RE: N-1 EXT LEAK 2

Enclosed are the results of analyses for samples received by the laboratory on 02/28/18 15:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-17-10. 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

Analytical Results For:DCP Midstream - Midland
10 Desta Dr., #400-W
Midland TX, 79705Project: N-1 EXT LEAK 2
Project Number: 710001947 F210
Project Manager: YVONNE BLAIR
Fax To: NoneReported:
08-Mar-18 14:15

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
EAST WALL PT. 1	H800593-01	Soil	28-Feb-18 11:00	28-Feb-18 15:10
EAST WALL PT. 2	H800593-02	Soil	28-Feb-18 11:03	28-Feb-18 15:10
WEST WALL PT. 1	H800593-03	Soil	28-Feb-18 11:08	28-Feb-18 15:10
WEST WALL PT. 2	H800593-04	Soil	28-Feb-18 11:11	28-Feb-18 15:10
SOUTH WALL PT. 1	H800593-05	Soil	28-Feb-18 11:15	28-Feb-18 15:10
BS01@11'	H800593-06	Soil	28-Feb-18 11:20	28-Feb-18 15:10
BS02@11'	H800593-07	Soil	28-Feb-18 11:30	28-Feb-18 15:10
HA PT.1 @ 14'	H800593-08	Soil	28-Feb-18 11:45	28-Feb-18 15:10
HA PT.2 @ 13'	H800593-09	Soil	28-Feb-18 11:55	28-Feb-18 15:10

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
10 Desta Dr., #400-W
Midland TX, 79705

Project: N-1 EXT LEAK 2
Project Number: 710001947 F210
Project Manager: YVONNE BLAIR
Fax To: None

Reported:
08-Mar-18 14:15

EAST WALL PT. 1 H800593-01 (Soil)

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

Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Toluene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			96.7 %	72-148		8030204	MS	02-Mar-18	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
Surrogate: 1-Chlorooctane			91.8 %	41-142		8030201	MS	02-Mar-18	8015B	
Surrogate: 1-Chlorooctadecane			76.1 %	37.6-147		8030201	MS	02-Mar-18	8015B	

Green Analytical Laboratories

Soluble (DI Water Extraction)

Chloride	29.4		10.0	mg/kg wet	10	B803021	JDA	06-Mar-18	EPA300.0	
----------	------	--	------	-----------	----	---------	-----	-----------	----------	--

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
10 Desta Dr., #400-W
Midland TX, 79705

Project: N-1 EXT LEAK 2
Project Number: 710001947 F210
Project Manager: YVONNE BLAIR
Fax To: None

Reported:
08-Mar-18 14:15

EAST WALL PT. 2 H800593-02 (Soil)

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

Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Toluene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	8030204	MS	02-Mar-18	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			92.3 %	72-148		8030204	MS	02-Mar-18	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
<i>Surrogate: 1-Chlorooctane</i>			89.0 %	41-142		8030201	MS	02-Mar-18	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			76.5 %	37.6-147		8030201	MS	02-Mar-18	8015B	

Green Analytical Laboratories

Soluble (DI Water Extraction)

Chloride	<10.0		10.0	mg/kg wet	10	B803021	JDA	06-Mar-18	EPA300.0	
----------	-------	--	------	-----------	----	---------	-----	-----------	----------	--

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
10 Desta Dr., #400-W
Midland TX, 79705

Project: N-1 EXT LEAK 2
Project Number: 710001947 F210
Project Manager: YVONNE BLAIR
Fax To: None

Reported:
08-Mar-18 14:15

WEST WALL PT. 1

H800593-03 (Soil)

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

Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Toluene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	8030204	MS	02-Mar-18	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			92.7 %	72-148		8030204	MS	02-Mar-18	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
<i>Surrogate: 1-Chlorooctane</i>			95.7 %	41-142		8030201	MS	02-Mar-18	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			84.0 %	37.6-147		8030201	MS	02-Mar-18	8015B	

Green Analytical Laboratories

Soluble (DI Water Extraction)

Chloride	<10.0		10.0	mg/kg wet	10	B803021	JDA	06-Mar-18	EPA300.0	
----------	-------	--	------	-----------	----	---------	-----	-----------	----------	--

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
10 Desta Dr., #400-W
Midland TX, 79705

Project: N-1 EXT LEAK 2
Project Number: 710001947 F210
Project Manager: YVONNE BLAIR
Fax To: None

Reported:
08-Mar-18 14:15

WEST WALL PT. 2

H800593-04 (Soil)

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

Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Toluene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	8030204	MS	02-Mar-18	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			<i>91.1 %</i>	<i>72-148</i>		<i>8030204</i>	<i>MS</i>	<i>02-Mar-18</i>	<i>8021B</i>	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
<i>Surrogate: 1-Chlorooctane</i>			<i>91.3 %</i>	<i>41-142</i>		<i>8030201</i>	<i>MS</i>	<i>02-Mar-18</i>	<i>8015B</i>	
<i>Surrogate: 1-Chlorooctadecane</i>			<i>79.8 %</i>	<i>37.6-147</i>		<i>8030201</i>	<i>MS</i>	<i>02-Mar-18</i>	<i>8015B</i>	

Green Analytical Laboratories

Soluble (DI Water Extraction)

Chloride	<10.0		10.0	mg/kg wet	10	B803021	JDA	06-Mar-18	EPA300.0	
----------	-------	--	------	-----------	----	---------	-----	-----------	----------	--

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
10 Desta Dr., #400-W
Midland TX, 79705

Project: N-1 EXT LEAK 2
Project Number: 710001947 F210
Project Manager: YVONNE BLAIR
Fax To: None

Reported:
08-Mar-18 14:15

SOUTH WALL PT. 1

H800593-05 (Soil)

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

Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Toluene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	8030204	MS	02-Mar-18	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			92.2 %	72-148		8030204	MS	02-Mar-18	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
<i>Surrogate: 1-Chlorooctane</i>			93.3 %	41-142		8030201	MS	02-Mar-18	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			81.2 %	37.6-147		8030201	MS	02-Mar-18	8015B	

Green Analytical Laboratories

Soluble (DI Water Extraction)

Chloride	<10.0		10.0	mg/kg wet	10	B803021	JDA	06-Mar-18	EPA300.0	
----------	-------	--	------	-----------	----	---------	-----	-----------	----------	--

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
10 Desta Dr., #400-W
Midland TX, 79705

Project: N-1 EXT LEAK 2
Project Number: 710001947 F210
Project Manager: YVONNE BLAIR
Fax To: None

Reported:
08-Mar-18 14:15

BS01@11' H800593-06 (Soil)

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

Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Toluene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	8030204	MS	02-Mar-18	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			<i>91.9 %</i>	<i>72-148</i>		<i>8030204</i>	<i>MS</i>	<i>02-Mar-18</i>	<i>8021B</i>	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
<i>Surrogate: 1-Chlorooctane</i>			<i>95.0 %</i>	<i>41-142</i>		<i>8030201</i>	<i>MS</i>	<i>02-Mar-18</i>	<i>8015B</i>	
<i>Surrogate: 1-Chlorooctadecane</i>			<i>83.0 %</i>	<i>37.6-147</i>		<i>8030201</i>	<i>MS</i>	<i>02-Mar-18</i>	<i>8015B</i>	

Green Analytical Laboratories

Soluble (DI Water Extraction)

Chloride	<10.0		10.0	mg/kg wet	10	B803021	JDA	06-Mar-18	EPA300.0	
----------	-------	--	------	-----------	----	---------	-----	-----------	----------	--

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
10 Desta Dr., #400-W
Midland TX, 79705

Project: N-1 EXT LEAK 2
Project Number: 710001947 F210
Project Manager: YVONNE BLAIR
Fax To: None

Reported:
08-Mar-18 14:15

BS02@11' H800593-07 (Soil)

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

Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Toluene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	8030204	MS	02-Mar-18	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			91.6 %	72-148		8030204	MS	02-Mar-18	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
<i>Surrogate: 1-Chlorooctane</i>			75.2 %	41-142		8030201	MS	02-Mar-18	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			64.6 %	37.6-147		8030201	MS	02-Mar-18	8015B	

Green Analytical Laboratories

Soluble (DI Water Extraction)

Chloride	<10.0		10.0	mg/kg wet	10	B803021	JDA	06-Mar-18	EPA300.0	
----------	-------	--	------	-----------	----	---------	-----	-----------	----------	--

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
10 Desta Dr., #400-W
Midland TX, 79705

Project: N-1 EXT LEAK 2
Project Number: 710001947 F210
Project Manager: YVONNE BLAIR
Fax To: None

Reported:
08-Mar-18 14:15

HA PT.1 @ 14'

H800593-08 (Soil)

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

Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Toluene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	8030204	MS	02-Mar-18	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			90.8 %	72-148		8030204	MS	02-Mar-18	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
<i>Surrogate: 1-Chlorooctane</i>			91.4 %	41-142		8030201	MS	02-Mar-18	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			82.3 %	37.6-147		8030201	MS	02-Mar-18	8015B	

Green Analytical Laboratories

Soluble (DI Water Extraction)

Chloride	<10.0		10.0	mg/kg wet	10	B803021	JDA	06-Mar-18	EPA300.0	
----------	-------	--	------	-----------	----	---------	-----	-----------	----------	--

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
10 Desta Dr., #400-W
Midland TX, 79705

Project: N-1 EXT LEAK 2
Project Number: 710001947 F210
Project Manager: YVONNE BLAIR
Fax To: None

Reported:
08-Mar-18 14:15

HA PT.2 @ 13'

H800593-09 (Soil)

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

Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Toluene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	8030204	MS	02-Mar-18	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	8030204	MS	02-Mar-18	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			<i>93.1 %</i>	<i>72-148</i>		<i>8030204</i>	<i>MS</i>	<i>02-Mar-18</i>	<i>8021B</i>	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
<i>Surrogate: 1-Chlorooctane</i>			<i>81.5 %</i>	<i>41-142</i>		<i>8030201</i>	<i>MS</i>	<i>02-Mar-18</i>	<i>8015B</i>	
<i>Surrogate: 1-Chlorooctadecane</i>			<i>73.0 %</i>	<i>37.6-147</i>		<i>8030201</i>	<i>MS</i>	<i>02-Mar-18</i>	<i>8015B</i>	

Green Analytical Laboratories

Soluble (DI Water Extraction)

Chloride	<10.0		10.0	mg/kg wet	10	B803021	JDA	06-Mar-18	EPA300.0	
----------	-------	--	------	-----------	----	---------	-----	-----------	----------	--

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
10 Desta Dr., #400-W
Midland TX, 79705

Project: N-1 EXT LEAK 2
Project Number: 710001947 F210
Project Manager: YVONNE BLAIR
Fax To: None

Reported:
08-Mar-18 14:15

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 8030204 - Volatiles

Blank (8030204-BLK1)

Prepared & Analyzed: 02-Mar-18

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)	0.0940		mg/kg	0.100		94.0	72-148			

LCS (8030204-BS1)

Prepared & Analyzed: 02-Mar-18

Benzene	1.98	0.050	mg/kg	2.00		98.9	79.5-124			
Toluene	2.00	0.050	mg/kg	2.00		100	75.5-127			
Ethylbenzene	2.02	0.050	mg/kg	2.00		101	77.7-125			
Total Xylenes	6.30	0.150	mg/kg	6.00		105	70.9-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0895		mg/kg	0.100		89.5	72-148			

LCS Dup (8030204-BSD1)

Prepared & Analyzed: 02-Mar-18

Benzene	2.06	0.050	mg/kg	2.00		103	79.5-124	4.16	6.5	
Toluene	2.08	0.050	mg/kg	2.00		104	75.5-127	3.77	7.02	
Ethylbenzene	2.11	0.050	mg/kg	2.00		105	77.7-125	4.04	7.83	
Total Xylenes	6.51	0.150	mg/kg	6.00		109	70.9-124	3.36	7.78	
Surrogate: 4-Bromofluorobenzene (PID)	0.0912		mg/kg	0.100		91.2	72-148			

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
10 Desta Dr., #400-W
Midland TX, 79705

Project: N-1 EXT LEAK 2
Project Number: 710001947 F210
Project Manager: YVONNE BLAIR
Fax To: None

Reported:
08-Mar-18 14:15

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
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch 8030201 - General Prep - Organics

Blank (8030201-BLK1)

Prepared & Analyzed: 02-Mar-18

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C35	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Total TPH C6-C28	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	49.4		mg/kg	50.0		98.7	41-142			
Surrogate: 1-Chlorooctadecane	44.4		mg/kg	50.0		88.9	37.6-147			

LCS (8030201-BS1)

Prepared & Analyzed: 02-Mar-18

GRO C6-C10	232	10.0	mg/kg	200		116	76.5-133			
DRO >C10-C28	200	10.0	mg/kg	200		99.8	72.9-138			
Total TPH C6-C28	431	10.0	mg/kg	400		108	78-132			
Surrogate: 1-Chlorooctane	50.4		mg/kg	50.0		101	41-142			
Surrogate: 1-Chlorooctadecane	46.6		mg/kg	50.0		93.3	37.6-147			

LCS Dup (8030201-BSD1)

Prepared & Analyzed: 02-Mar-18

GRO C6-C10	232	10.0	mg/kg	200		116	76.5-133	0.335	20.6	
DRO >C10-C28	199	10.0	mg/kg	200		99.3	72.9-138	0.423	20.6	
Total TPH C6-C28	431	10.0	mg/kg	400		108	78-132	0.0154	18	
Surrogate: 1-Chlorooctane	50.9		mg/kg	50.0		102	41-142			
Surrogate: 1-Chlorooctadecane	48.2		mg/kg	50.0		96.5	37.6-147			

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
10 Desta Dr., #400-W
Midland TX, 79705

Project: N-1 EXT LEAK 2
Project Number: 710001947 F210
Project Manager: YVONNE BLAIR
Fax To: None

Reported:
08-Mar-18 14:15

Soluble (DI Water Extraction) - Quality Control

Green Analytical Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B803021 - General Prep - Wet Chem										
Blank (B803021-BLK1)										
				Prepared: 05-Mar-18 Analyzed: 06-Mar-18						
Chloride	ND	10.0	mg/kg wet							
LCS (B803021-BS1)										
				Prepared: 05-Mar-18 Analyzed: 06-Mar-18						
Chloride	236	10.0	mg/kg wet	250		94.3	85-115			
LCS Dup (B803021-BSD1)										
				Prepared: 05-Mar-18 Analyzed: 06-Mar-18						
Chloride	238	10.0	mg/kg wet	250		95.2	85-115	0.963	20	

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager



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

March 12, 2018

YVONNE BLAIR

DCP Midstream - Midland

10 Desta Dr., #400-W

Midland, TX 79705

RE: N-1 EXT LEAK 3

Enclosed are the results of analyses for samples received by the laboratory on 02/28/18 15:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-17-10. 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

Analytical Results For:DCP Midstream - Midland
10 Desta Dr., #400-W
Midland TX, 79705Project: N-1 EXT LEAK 3
Project Number: 710001947 F210
Project Manager: YVONNE BLAIR
Fax To: NoneReported:
12-Mar-18 17:50

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
EAST WALL PT. 1	H800594-01	Soil	28-Feb-18 11:58	28-Feb-18 15:10
EAST WALL PT. 2	H800594-02	Soil	28-Feb-18 12:00	28-Feb-18 15:10
WEST WALL PT. 1	H800594-03	Soil	28-Feb-18 12:02	28-Feb-18 15:10
WEST WALL PT. 2	H800594-04	Soil	28-Feb-18 12:06	28-Feb-18 15:10
NORTH WALL PT. 1	H800594-05	Soil	28-Feb-18 12:10	28-Feb-18 15:10
BS01@11'	H800594-06	Soil	28-Feb-18 12:12	28-Feb-18 15:10
BS02@11'	H800594-07	Soil	28-Feb-18 12:15	28-Feb-18 15:10
HA PT.1 @ 14'	H800594-08	Soil	28-Feb-18 12:18	28-Feb-18 15:10
HA PT.2 @ 13'	H800594-09	Soil	28-Feb-18 12:25	28-Feb-18 15:10

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
10 Desta Dr., #400-W
Midland TX, 79705

Project: N-1 EXT LEAK 3
Project Number: 710001947 F210
Project Manager: YVONNE BLAIR
Fax To: None

Reported:
12-Mar-18 17:50

EAST WALL PT. 1 H800594-01 (Soil)

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

Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	8030206	MS	03-Mar-18	8021B	
Toluene*	<0.050		0.050	mg/kg	50	8030206	MS	03-Mar-18	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	8030206	MS	03-Mar-18	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	8030206	MS	03-Mar-18	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	8030206	MS	03-Mar-18	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			92.2 %	72-148		8030206	MS	03-Mar-18	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
Surrogate: 1-Chlorooctane			77.0 %	41-142		8030201	MS	02-Mar-18	8015B	
Surrogate: 1-Chlorooctadecane			69.3 %	37.6-147		8030201	MS	02-Mar-18	8015B	

Green Analytical Laboratories

Soluble (DI Water Extraction)

Chloride	<10.0		10.0	mg/kg wet	10	B803022	JDA	07-Mar-18	EPA300.0	
----------	-------	--	------	-----------	----	---------	-----	-----------	----------	--

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
10 Desta Dr., #400-W
Midland TX, 79705

Project: N-1 EXT LEAK 3
Project Number: 710001947 F210
Project Manager: YVONNE BLAIR
Fax To: None

Reported:
12-Mar-18 17:50

EAST WALL PT. 2
H800594-02 (Soil)

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

Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	8030206	MS	03-Mar-18	8021B	
Toluene*	<0.050		0.050	mg/kg	50	8030206	MS	03-Mar-18	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	8030206	MS	03-Mar-18	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	8030206	MS	03-Mar-18	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	8030206	MS	03-Mar-18	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			<i>91.1 %</i>	<i>72-148</i>		<i>8030206</i>	<i>MS</i>	<i>03-Mar-18</i>	<i>8021B</i>	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
<i>Surrogate: 1-Chlorooctane</i>			<i>82.9 %</i>	<i>41-142</i>		<i>8030201</i>	<i>MS</i>	<i>02-Mar-18</i>	<i>8015B</i>	
<i>Surrogate: 1-Chlorooctadecane</i>			<i>75.7 %</i>	<i>37.6-147</i>		<i>8030201</i>	<i>MS</i>	<i>02-Mar-18</i>	<i>8015B</i>	

Green Analytical Laboratories
Soluble (DI Water Extraction)

Chloride	20.8		10.0	mg/kg wet	10	B803022	JDA	07-Mar-18	EPA300.0	
----------	------	--	------	-----------	----	---------	-----	-----------	----------	--

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
10 Desta Dr., #400-W
Midland TX, 79705

Project: N-1 EXT LEAK 3
Project Number: 710001947 F210
Project Manager: YVONNE BLAIR
Fax To: None

Reported:
12-Mar-18 17:50

WEST WALL PT. 1

H800594-03 (Soil)

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

Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	8030206	MS	03-Mar-18	8021B	
Toluene*	<0.050		0.050	mg/kg	50	8030206	MS	03-Mar-18	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	8030206	MS	03-Mar-18	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	8030206	MS	03-Mar-18	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	8030206	MS	03-Mar-18	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			<i>91.0 %</i>	<i>72-148</i>		<i>8030206</i>	<i>MS</i>	<i>03-Mar-18</i>	<i>8021B</i>	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
<i>Surrogate: 1-Chlorooctane</i>			<i>88.1 %</i>	<i>41-142</i>		<i>8030201</i>	<i>MS</i>	<i>02-Mar-18</i>	<i>8015B</i>	
<i>Surrogate: 1-Chlorooctadecane</i>			<i>80.3 %</i>	<i>37.6-147</i>		<i>8030201</i>	<i>MS</i>	<i>02-Mar-18</i>	<i>8015B</i>	

Green Analytical Laboratories

Soluble (DI Water Extraction)

Chloride	<10.0		10.0	mg/kg wet	10	B803022	JDA	07-Mar-18	EPA300.0	
----------	-------	--	------	-----------	----	---------	-----	-----------	----------	--

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
10 Desta Dr., #400-W
Midland TX, 79705

Project: N-1 EXT LEAK 3
Project Number: 710001947 F210
Project Manager: YVONNE BLAIR
Fax To: None

Reported:
12-Mar-18 17:50

WEST WALL PT. 2

H800594-04 (Soil)

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

Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	8030206	MS	03-Mar-18	8021B	
Toluene*	<0.050		0.050	mg/kg	50	8030206	MS	03-Mar-18	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	8030206	MS	03-Mar-18	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	8030206	MS	03-Mar-18	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	8030206	MS	03-Mar-18	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			91.5 %	72-148		8030206	MS	03-Mar-18	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8030201	MS	02-Mar-18	8015B	
<i>Surrogate: 1-Chlorooctane</i>			78.0 %	41-142		8030201	MS	02-Mar-18	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			72.6 %	37.6-147		8030201	MS	02-Mar-18	8015B	

Green Analytical Laboratories

Soluble (DI Water Extraction)

Chloride	<10.0		10.0	mg/kg wet	10	B803022	JDA	07-Mar-18	EPA300.0	
----------	-------	--	------	-----------	----	---------	-----	-----------	----------	--

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
10 Desta Dr., #400-W
Midland TX, 79705

Project: N-1 EXT LEAK 3
Project Number: 710001947 F210
Project Manager: YVONNE BLAIR
Fax To: None

Reported:
12-Mar-18 17:50

NORTH WALL PT. 1 H800594-05 (Soil)

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

Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	8030206	MS	03-Mar-18	8021B	
Toluene*	<0.050		0.050	mg/kg	50	8030206	MS	03-Mar-18	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	8030206	MS	03-Mar-18	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	8030206	MS	03-Mar-18	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	8030206	MS	03-Mar-18	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			90.9 %	72-148		8030206	MS	03-Mar-18	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	8030202	MS	02-Mar-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8030202	MS	02-Mar-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8030202	MS	02-Mar-18	8015B	
<i>Surrogate: 1-Chlorooctane</i>			88.0 %	41-142		8030202	MS	02-Mar-18	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			78.9 %	37.6-147		8030202	MS	02-Mar-18	8015B	

Green Analytical Laboratories

Soluble (DI Water Extraction)

Chloride	<10.0		10.0	mg/kg wet	10	B803022	JDA	07-Mar-18	EPA300.0	
----------	-------	--	------	-----------	----	---------	-----	-----------	----------	--

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
10 Desta Dr., #400-W
Midland TX, 79705

Project: N-1 EXT LEAK 3
Project Number: 710001947 F210
Project Manager: YVONNE BLAIR
Fax To: None

Reported:
12-Mar-18 17:50

BS01@11' H800594-06 (Soil)

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

Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	8030206	MS	03-Mar-18	8021B	
Toluene*	<0.050		0.050	mg/kg	50	8030206	MS	03-Mar-18	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	8030206	MS	03-Mar-18	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	8030206	MS	03-Mar-18	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	8030206	MS	03-Mar-18	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			92.4 %	72-148		8030206	MS	03-Mar-18	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	8030202	MS	02-Mar-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8030202	MS	02-Mar-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8030202	MS	02-Mar-18	8015B	
<i>Surrogate: 1-Chlorooctane</i>			84.5 %	41-142		8030202	MS	02-Mar-18	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			75.0 %	37.6-147		8030202	MS	02-Mar-18	8015B	

Green Analytical Laboratories

Soluble (DI Water Extraction)

Chloride	13.6		10.0	mg/kg wet	10	B803022	JDA	07-Mar-18	EPA300.0	
----------	------	--	------	-----------	----	---------	-----	-----------	----------	--

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
10 Desta Dr., #400-W
Midland TX, 79705

Project: N-1 EXT LEAK 3
Project Number: 710001947 F210
Project Manager: YVONNE BLAIR
Fax To: None

Reported:
12-Mar-18 17:50

BS02@11' H800594-07 (Soil)

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

Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	8030206	MS	03-Mar-18	8021B	
Toluene*	<0.050		0.050	mg/kg	50	8030206	MS	03-Mar-18	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	8030206	MS	03-Mar-18	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	8030206	MS	03-Mar-18	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	8030206	MS	03-Mar-18	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			91.9 %	72-148		8030206	MS	03-Mar-18	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	8030202	MS	02-Mar-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8030202	MS	02-Mar-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8030202	MS	02-Mar-18	8015B	
<i>Surrogate: 1-Chlorooctane</i>			91.3 %	41-142		8030202	MS	02-Mar-18	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			81.9 %	37.6-147		8030202	MS	02-Mar-18	8015B	

Green Analytical Laboratories

Soluble (DI Water Extraction)

Chloride	<10.0		10.0	mg/kg wet	10	B803022	JDA	07-Mar-18	EPA300.0	
----------	-------	--	------	-----------	----	---------	-----	-----------	----------	--

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
10 Desta Dr., #400-W
Midland TX, 79705

Project: N-1 EXT LEAK 3
Project Number: 710001947 F210
Project Manager: YVONNE BLAIR
Fax To: None

Reported:
12-Mar-18 17:50

HA PT.1 @ 14'

H800594-08 (Soil)

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

Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	8030206	MS	03-Mar-18	8021B	
Toluene*	<0.050		0.050	mg/kg	50	8030206	MS	03-Mar-18	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	8030206	MS	03-Mar-18	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	8030206	MS	03-Mar-18	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	8030206	MS	03-Mar-18	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			90.6 %	72-148		8030206	MS	03-Mar-18	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	8030202	MS	02-Mar-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8030202	MS	02-Mar-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8030202	MS	02-Mar-18	8015B	
<i>Surrogate: 1-Chlorooctane</i>			90.8 %	41-142		8030202	MS	02-Mar-18	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			81.3 %	37.6-147		8030202	MS	02-Mar-18	8015B	

Green Analytical Laboratories

Soluble (DI Water Extraction)

Chloride	<10.0		10.0	mg/kg wet	10	B803022	JDA	07-Mar-18	EPA300.0	
----------	-------	--	------	-----------	----	---------	-----	-----------	----------	--

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
10 Desta Dr., #400-W
Midland TX, 79705

Project: N-1 EXT LEAK 3
Project Number: 710001947 F210
Project Manager: YVONNE BLAIR
Fax To: None

Reported:
12-Mar-18 17:50

HA PT.2 @ 13'

H800594-09 (Soil)

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

Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	8030206	MS	03-Mar-18	8021B	
Toluene*	<0.050		0.050	mg/kg	50	8030206	MS	03-Mar-18	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	8030206	MS	03-Mar-18	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	8030206	MS	03-Mar-18	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	8030206	MS	03-Mar-18	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			91.6 %	72-148		8030206	MS	03-Mar-18	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	8030202	MS	02-Mar-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8030202	MS	02-Mar-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8030202	MS	02-Mar-18	8015B	
<i>Surrogate: 1-Chlorooctane</i>			86.9 %	41-142		8030202	MS	02-Mar-18	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			78.7 %	37.6-147		8030202	MS	02-Mar-18	8015B	

Green Analytical Laboratories

Soluble (DI Water Extraction)

Chloride	<10.0		10.0	mg/kg wet	10	B803022	JDA	07-Mar-18	EPA300.0	
----------	-------	--	------	-----------	----	---------	-----	-----------	----------	--

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
10 Desta Dr., #400-W
Midland TX, 79705

Project: N-1 EXT LEAK 3
Project Number: 710001947 F210
Project Manager: YVONNE BLAIR
Fax To: None

Reported:
12-Mar-18 17:50

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 8030206 - Volatiles

Blank (8030206-BLK1)

Prepared: 02-Mar-18 Analyzed: 03-Mar-18

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)	0.0915		mg/kg	0.100		91.5	72-148			

LCS (8030206-BS1)

Prepared: 02-Mar-18 Analyzed: 03-Mar-18

Benzene	2.08	0.050	mg/kg	2.00		104	79.5-124			
Toluene	2.12	0.050	mg/kg	2.00		106	75.5-127			
Ethylbenzene	2.13	0.050	mg/kg	2.00		106	77.7-125			
Total Xylenes	6.54	0.150	mg/kg	6.00		109	70.9-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0913		mg/kg	0.100		91.3	72-148			

LCS Dup (8030206-BSD1)

Prepared: 02-Mar-18 Analyzed: 03-Mar-18

Benzene	2.09	0.050	mg/kg	2.00		105	79.5-124	0.329	6.5	
Toluene	2.09	0.050	mg/kg	2.00		104	75.5-127	1.31	7.02	
Ethylbenzene	2.12	0.050	mg/kg	2.00		106	77.7-125	0.298	7.83	
Total Xylenes	6.52	0.150	mg/kg	6.00		109	70.9-124	0.261	7.78	
Surrogate: 4-Bromofluorobenzene (PID)	0.0892		mg/kg	0.100		89.2	72-148			

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
10 Desta Dr., #400-W
Midland TX, 79705

Project: N-1 EXT LEAK 3
Project Number: 710001947 F210
Project Manager: YVONNE BLAIR
Fax To: None

Reported:
12-Mar-18 17:50

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 8030201 - General Prep - Organics

Blank (8030201-BLK1)

Prepared & Analyzed: 02-Mar-18

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C35	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Total TPH C6-C28	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	49.4		mg/kg	50.0		98.7	41-142			
Surrogate: 1-Chlorooctadecane	44.4		mg/kg	50.0		88.9	37.6-147			

LCS (8030201-BS1)

Prepared & Analyzed: 02-Mar-18

GRO C6-C10	232	10.0	mg/kg	200		116	76.5-133			
DRO >C10-C28	200	10.0	mg/kg	200		99.8	72.9-138			
Total TPH C6-C28	431	10.0	mg/kg	400		108	78-132			
Surrogate: 1-Chlorooctane	50.4		mg/kg	50.0		101	41-142			
Surrogate: 1-Chlorooctadecane	46.6		mg/kg	50.0		93.3	37.6-147			

LCS Dup (8030201-BSD1)

Prepared & Analyzed: 02-Mar-18

GRO C6-C10	232	10.0	mg/kg	200		116	76.5-133	0.335	20.6	
DRO >C10-C28	199	10.0	mg/kg	200		99.3	72.9-138	0.423	20.6	
Total TPH C6-C28	431	10.0	mg/kg	400		108	78-132	0.0154	18	
Surrogate: 1-Chlorooctane	50.9		mg/kg	50.0		102	41-142			
Surrogate: 1-Chlorooctadecane	48.2		mg/kg	50.0		96.5	37.6-147			

Batch 8030202 - General Prep - Organics

Blank (8030202-BLK1)

Prepared & Analyzed: 02-Mar-18

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C35	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Total TPH C6-C28	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	48.7		mg/kg	50.0		97.4	41-142			
Surrogate: 1-Chlorooctadecane	40.7		mg/kg	50.0		81.5	37.6-147			

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
10 Desta Dr., #400-W
Midland TX, 79705

Project: N-1 EXT LEAK 3
Project Number: 710001947 F210
Project Manager: YVONNE BLAIR
Fax To: None

Reported:
12-Mar-18 17:50

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 8030202 - General Prep - Organics

LCS (8030202-BS1)

Prepared & Analyzed: 02-Mar-18

GRO C6-C10	211	10.0	mg/kg	200		105	76.5-133			
DRO >C10-C28	206	10.0	mg/kg	200		103	72.9-138			
Total TPH C6-C28	416	10.0	mg/kg	400		104	78-132			
Surrogate: 1-Chlorooctane	53.1		mg/kg	50.0		106	41-142			
Surrogate: 1-Chlorooctadecane	48.7		mg/kg	50.0		97.3	37.6-147			

LCS Dup (8030202-BS1)

Prepared & Analyzed: 02-Mar-18

GRO C6-C10	223	10.0	mg/kg	200		112	76.5-133	5.86	20.6	
DRO >C10-C28	214	10.0	mg/kg	200		107	72.9-138	3.94	20.6	
Total TPH C6-C28	437	10.0	mg/kg	400		109	78-132	4.92	18	
Surrogate: 1-Chlorooctane	53.1		mg/kg	50.0		106	41-142			
Surrogate: 1-Chlorooctadecane	49.2		mg/kg	50.0		98.3	37.6-147			

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
10 Desta Dr., #400-W
Midland TX, 79705

Project: N-1 EXT LEAK 3
Project Number: 710001947 F210
Project Manager: YVONNE BLAIR
Fax To: None

Reported:
12-Mar-18 17:50

Soluble (DI Water Extraction) - Quality Control

Green Analytical Laboratories

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

Batch B803022 - General Prep - Wet Chem

Blank (B803022-BLK1)

Prepared: 05-Mar-18 Analyzed: 07-Mar-18

Chloride ND 10.0 mg/kg wet

LCS (B803022-BS1)

Prepared: 05-Mar-18 Analyzed: 07-Mar-18

Chloride 234 10.0 mg/kg wet 250 93.7 85-115

LCS Dup (B803022-BSD1)

Prepared: 05-Mar-18 Analyzed: 07-Mar-18

Chloride 235 10.0 mg/kg wet 250 94.0 85-115 0.311 20

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

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: DCP Midstream				BILL TO				ANALYSIS REQUEST																
Project Manager: Yvonne Blair/ Kyle Norman				P.O. #: 0000420682																				
Address: 5301 Sierra Vista Dr				Company: DCP MIDSTREAM																				
City: Carlsbad				Attn: YVONNE BLAIR																				
State: NM Zip: 88220				Address: 5301 SIERRA VISTA DR																				
Phone #: 575-361-2406 Fax #:				City: CARLSBAD																				
Project #: 710001947 Project Owner:				State: NM Zip: 88220																				
Project Location: F231 F210 F250 F261				Phone #: 575-234-6401																				
Sample Name: Kyle Norman				Fax #:																				
<small>FOR LAB USE ONLY</small>																								
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chlorides 300	TPH 8015 M EXT	BTEX	Texas TPH	Complete Cations/Anions	TDS							
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :													ACID/BASE:	ICE / COOL	OTHER :
H8D05H	1	G	1	<input checked="" type="checkbox"/>							2/28/18	1158	✓	✓	✓									
	2											1200	✓	✓	✓									
	3											1202	✓	✓	✓									
	4											1206	✓	✓	✓									
	5											1210	✓	✓	✓									
	6											1212	✓	✓	✓									
	7											1215	✓	✓	✓									
	8											1218	✓	✓	✓									
	9											1225	✓	✓	✓									

PLEASE NOTE: Utility and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or 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: _____	Date: 2/28/18	Received By: _____
Relinquished By: _____	Date: 3/10	Received By: _____
Time: _____		

Delivered By: (Circle One) ☒ UPS ☐ Bus ☐ Other: 2.10c/2.05c

Sample Condition: Cool ☒ Intact ☐ Yes ☐ No ☐ Yes ☐ No

CHECKED BY: _____

REMARKS: email results: yblair@dcpmidstream.com
hconder@dcpmidstream.com
knorman@tasman-geo.com

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



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

March 23, 2018

YVONNE BLAIR

DCP Midstream - Midland

10 Desta Dr., #400-W

Midland, TX 79705

RE: N-1 EXT.

Enclosed are the results of analyses for samples received by the laboratory on 03/22/18 10:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-17-10. 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, flowing style.

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
YVONNE BLAIR
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received: 03/22/2018
Reported: 03/23/2018
Project Name: N-1 EXT.
Project Number: F-231
Project Location: NONE GIVEN

Sampling Date: 03/21/2018
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: NORTH WALL (H800822-01)

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	03/22/2018	ND	195	97.7	200	2.35	
DRO >C10-C28*	<10.0	10.0	03/22/2018	ND	214	107	200	5.24	
EXT DRO >C28-C36	<10.0	10.0	03/22/2018	ND					
<hr/>									
Surrogate: 1-Chlorooctane	83.9 %	41-142							
Surrogate: 1-Chlorooctadecane	84.3 %	37.6-147							

Sample ID: HA PT. 2 @ 15' (H800822-02)

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/22/2018	ND	195	97.7	200	2.35	
DRO >C10-C28*	<10.0	10.0	03/22/2018	ND	214	107	200	5.24	
EXT DRO >C28-C36	<10.0	10.0	03/22/2018	ND					
<hr/>									
Surrogate: 1-Chlorooctane	94.9 %	41-142							
Surrogate: 1-Chlorooctadecane	93.4 %	37.6-147							

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
YVONNE BLAIR
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received: 03/22/2018
Reported: 03/23/2018
Project Name: N-1 EXT.
Project Number: F-231
Project Location: NONE GIVEN

Sampling Date: 03/21/2018
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BS 04 @ 4' (H800822-03)

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	03/22/2018	ND	1.76	88.2	2.00	2.24	
Toluene*	<0.050	0.050	03/22/2018	ND	1.97	98.5	2.00	2.98	
Ethylbenzene*	<0.050	0.050	03/22/2018	ND	2.03	101	2.00	4.45	
Total Xylenes*	<0.150	0.150	03/22/2018	ND	5.89	98.2	6.00	4.20	
Total BTEX	<0.300	0.300	03/22/2018	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 72-148

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	03/22/2018	ND	195	97.7	200	2.35	
DRO >C10-C28*	<10.0	10.0	03/22/2018	ND	214	107	200	5.24	
EXT DRO >C28-C36	<10.0	10.0	03/22/2018	ND					

Surrogate: 1-Chlorooctane 93.5 % 41-142

Surrogate: 1-Chlorooctadecane 90.5 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager



CARDINAL LABORATORIES

RUS H

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: DCP Midstream

Project Manager: Yvonne Blair/ Kyle Norman

Address: 5301 Sierra Vista Dr

City: Carlsbad

State: NM Zip: 88220

Phone #: 575-361-2406

Fax #:

Project #: 710001947

Project Owner:

Project Name: N-1 Ext

Project Location: F23D F210 F250 F261

Sampler Name: Kyle Norman

P.O. #: 0000420682

Company: DCP MIDSTREAM

Attn: YVONNE BLAIR

Address: 5301 SIERRA VISTA Dr

City: CARLSBAD

State: NM Zip: 88220

Phone #: 575-234-6401

Fax #:

BILL TO

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	Chlorides 300	TPH 8015 M EXT	BTEX	Texas TPH	Complete Cations/Anions	TDS
HS00822	1	North Wall	1	GROUNDWATER			3/21/18	1000						
	2	HA Pt.2 @15'	1	WASTEWATER				1100						
	3	BS04 @4'	1	SOIL				1400						
				OIL										
				SLUDGE										
				OTHER :										
				ACID/BASE:										
				ICE / COOL										
				OTHER :										

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or 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 remedies or otherwise.

Relinquished By:

Date: 3/22/18

Received By:

Relinquished By:

Date: 10:40

Received By:

Delivered By: (Circle One)

1.82

Sampler - UPS - Bus - Other:

Corrected 1.82

Sample Condition

CHECKED BY: (Initials)

email results: ybblair@dcpmidstream.com
hconder@dcpmidstream.com
knorman@tasman-geo.com

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

Appendix C



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
L 05350	L		LE	2	1	13	20S	37E		668279	3605980*	381	100		
L 10117	L		LE	1	1	2	13	20S	37E	668580	3606086*	692	130	70	60
L 05351	L		LE	2	2	13	20S	37E		669082	3605995*	1135	115		
L 04412	L		LE	4	2	2	13	20S	37E	669181	3605894*	1216	140	85	55
L 04412 S	L		LE	4	4	2	13	20S	37E	669189	3605491*	1243	155	84	71
L 01675 POD1	L		LE	3	3	07	20S	38E		669476	3606405*	1638	130	80	50

Average Depth to Water: **79 feet**

Minimum Depth: **70 feet**

Maximum Depth: **85 feet**

Record Count: 6

UTM NAD83 Radius Search (in meters):

Easting (X): 667973.25

Northing (Y): 3605751.92

Radius: 1700

*UTM location was derived from PLSS - see Help

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