



September 30, 2015

YVONNE BLAIR

DCP MIDSTREAM-CARLSBAD

2010 ORCHARD LANE

CARLSBAD, NM 88220

RE: 20200 LINE LEAK

Enclosed are the results of analyses for samples received by the laboratory on 09/29/15 10:38.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager

**Analytical Results For:**

 DCP MIDSTREAM-CARLSBAD  
 YVONNE BLAIR  
 2010 ORCHARD LANE  
 CARLSBAD NM, 88220  
 Fax To: NONE

Received:	09/29/2015	Sampling Date:	09/29/2015
Reported:	09/30/2015	Sampling Type:	Soil
Project Name:	20200 LINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	321311502	Sample Received By:	Judy Garcia
Project Location:	SAND EUNES		

**Sample ID: 20200 LINE EAST SIDE WALL (H502572-01)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2015	ND	2.09	105	2.00	1.94	
Toluene*	<0.050	0.050	09/30/2015	ND	1.79	89.4	2.00	1.29	
Ethylbenzene*	<0.050	0.050	09/30/2015	ND	1.73	86.7	2.00	0.686	
Total Xylenes*	<0.150	0.150	09/30/2015	ND	5.40	90.0	6.00	0.480	
Total BTEX	<0.300	0.300	09/30/2015	ND					

*Surrogate: 4-Bromofluorobenzene (PID) 108 % 85.6-137*

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1680</b>	16.0	09/29/2015	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/29/2015	ND	169	84.4	200	1.04	
<b>DRO &gt;C10-C28</b>	<b>510</b>	10.0	09/29/2015	ND	177	88.6	200	0.853	

*Surrogate: 1-Chlorooctane 69.5 % 47.2-157*
*Surrogate: 1-Chlorooctadecane 73.8 % 52.1-176*

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 DCP MIDSTREAM-CARLSBAD  
 YVONNE BLAIR  
 2010 ORCHARD LANE  
 CARLSBAD NM, 88220  
 Fax To: NONE

 Received: 09/29/2015  
 Reported: 09/30/2015  
 Project Name: 20200 LINE LEAK  
 Project Number: 321311502  
 Project Location: SAND EUNES

 Sampling Date: 09/29/2015  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Judy Garcia

**Sample ID: 20200 LINE UNDER PIPE (H502572-02)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/30/2015	ND	2.09	105	2.00	1.94		
Toluene*	<0.050	0.050	09/30/2015	ND	1.79	89.4	2.00	1.29		
Ethylbenzene*	<0.050	0.050	09/30/2015	ND	1.73	86.7	2.00	0.686		
Total Xylenes*	<0.150	0.150	09/30/2015	ND	5.40	90.0	6.00	0.480		
Total BTEX	<0.300	0.300	09/30/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>1540</b>	16.0	09/29/2015	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	09/29/2015	ND	169	84.4	200	1.04		
<b>DRO &gt;C10-C28</b>	<b>154</b>	10.0	09/29/2015	ND	177	88.6	200	0.853		

Surrogate: 1-Chlorooctane 72.8 % 47.2-157

Surrogate: 1-Chlorooctadecane 77.8 % 52.1-176

Cardinal Laboratories

\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 DCP MIDSTREAM-CARLSBAD  
 YVONNE BLAIR  
 2010 ORCHARD LANE  
 CARLSBAD NM, 88220  
 Fax To: NONE

Received:	09/29/2015	Sampling Date:	09/29/2015
Reported:	09/30/2015	Sampling Type:	Soil
Project Name:	20200 LINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	321311502	Sample Received By:	Judy Garcia
Project Location:	SAND EUNES		

**Sample ID: 20200 LINE WEST SIDE WALL (H502572-03)**

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	09/30/2015	ND	2.09	105	2.00	1.94		
Toluene*	<0.050	0.050	09/30/2015	ND	1.79	89.4	2.00	1.29		
Ethylbenzene*	<0.050	0.050	09/30/2015	ND	1.73	86.7	2.00	0.686		
Total Xylenes*	<0.150	0.150	09/30/2015	ND	5.40	90.0	6.00	0.480		
Total BTEX	<0.300	0.300	09/30/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2800	16.0	09/29/2015	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	09/29/2015	ND	169	84.4	200	1.04		
DRO >C10-C28	<10.0	10.0	09/29/2015	ND	177	88.6	200	0.853		

Surrogate: 1-Chlorooctane 70.9 % 47.2-157

Surrogate: 1-Chlorooctadecane 80.6 % 52.1-176

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\*=Accredited Analyte

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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



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Celey D. Keene, Lab Director/Quality Manager

101 East Marland, Hobbs, NM 88240  
 (575) 393-2326 FAX (575) 393-2476

**BILL TO**

**ANALYSIS REQUEST**

Company Name: <u>DGP Midstream</u>		P.O. #:	
Project Manager: <u>Yvonne Blair</u>		Company: <u>DGP</u>	
Address: <u>5301 Sierra Vista Dr</u>		Attn: <u>Yvonne Blair</u>	
City: <u>Carlsbad</u> State: <u>NM</u> Zip: <u>88220</u>		Address: <u>S</u>	
Phone #: <u>575 3612400</u> Fax #: <u>575 8857360</u>		City: _____	
Project #: <u>391 311502</u> Project Owner: <u>Clay Walker</u>		State: _____ Zip: _____	
Project Name: <u>20200 Line Leak</u>		Phone #: _____	
Project Location: <u>Sand Runes</u>		Fax #: _____	
Sampler Name: <u>Yvonne Blair</u>		PRESERV	
FOR LAB USE ONLY		SAMPLING	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	TPH	BTEX	Chlorides
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
	1. Sample #1 20200 Line East Side Well		1			✓				9/29/15	9:00am	X	X	X
	2. Sample #2 20200 Line Under Pipe		1			✓				9/29/15	9:02am	X	X	X
	3. Sample #3 20200 Line West Side Well		1			✓				9/29/15	9:09am	X	X	X

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Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Received By: \_\_\_\_\_ Date: \_\_\_\_\_

Time: \_\_\_\_\_ Time: \_\_\_\_\_

Delivered By: (Circle One) UPS Bus Other

Received By: Yvonne Blair Date: 9/29/15 Time: 10:38

Sample Condition:  Cool  Unfrozen

Checked By: Yvonne Blair (Initials)

REMARKS: Yvonne Blair

Phone Result:  Yes  No Add'l Phone #: \_\_\_\_\_

Fax Result:  Yes  No Add'l Fax #: \_\_\_\_\_

Cardinal cannot accept verbal change. Please fax written change. (575) 393-2326