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the second s	Real Street	6' 5725 7' 5637	761	Recitat
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The second of the second second	Depth CL- PID TPH B	T E X BTEX 9' 48 06 0.312 c0.050 c0.150 0.518 10' 751	N/A <b>37500</b> 1880	120 471 1
and the second sec	1' 16 N/A 52 0.20	06 0.312 <0.050 <0.150 0.518 10 751 11' 260	5000	127.00
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A REAL PROPERTY AND A REAL		WALL PT. 7	P. D. A.	12 12 1
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Pt. 6 Depth CL- PID TPH B T E X BTEX	WALL PT. 3	1' 74 4306	S. T. K.	
1' 48 N/A <10.0 <0.050 <0.050 <0.050 <0.150 <0.300	PT6	2' 85 220.5		
and the second sec		3' 16 N/A 251 <0.050 4' 16 N/A 180 <0.050	<0.050 <0.050 0.06 0.08	<0.150 <0.300 0.304 0.445
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Pt. 7		Pt. 1	1 493	2 march
Depth CL- PID TPH B T E X BTEX		Depth CL- PID TPH B T E 1' 86 3291	X BTEX	15. 80
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Bottom @ 4' N/A 25 499.8 <0.050 <0.050 0.085 0.43 0.515 West Wall N/A 2.8 12.9	PT7 PT. 7 BOTTOM @		0 <0.150 <0.300	The second
East Wall N/A 4 <10.0	WALL PT. 4	4' 48 N/A 89.4 <0.050 <0.050 <0.050	0 <0.150 <0.300	Sec. 188 - 4
and the second second second		and the second second	A 136-8	STATES.
and the second		9' EXCAVATION CL- PID TPH B T E	V DTCV	and the second
Wall Samples WALL PT. 1	CL- PID TPH EXT 16 0.5 <10.0	9' EXCAVATION CL- PID TPH B T E SOUTH WALL 2440 876 20190 13.1 134 52.6	X BTEX 363 562	Wanter of
WALL PT. 2	<b>32</b> 0.8 < <b>10.0</b>	SOUTH WALL EXTENDED 176 115 2213 <0.050 0.133 0.384	2.27 2.79	5 KA2 J
WALL PT. 3 WALL PT. 4	176         0.9         <10.0           240         1.8         <10.0	NORTH WALL 32 261 3132.3 <0.050 0.185 0.527		8 Trick
WALL PT. 5	<b>32</b> 0.7 <b>&lt;10.0</b>	PT. 8 @2' 16 N/A 13.8 <0.050 0.092 <0.050 PT. 9 @2' <16.0 N/A 33.9 <0.050 <0.050 <0.050		Carl I
WALL PT. 6 WALL PT. 7	<16.0 1.5 19.7 16 0.4 12.5	NORTH BOTTOM @9' 192 177 9343 1.13 15.7 14.3		Carl and
WALL PT. 8	<b>32</b> 0.7 <b>&lt;10.0</b>	1 1 TO MALE AND A MARTIN	381 31	DGW 180' +/-
A Real Providence of the second secon	· · · · · · · · · · · · · · · · · · ·	Source: Esri, DigitalGlobe, GeoEye, Earths	star Geographics, Ch	NES/Airbus DS, USDA
DATE: November 2017	States of the Constant of the	DCP Midstream		
	Tasman Geosciences Inc. 6899 Pecos Street - Unit C	M Extension Line Leak 1RP-46		Soil Sam
DRAWN BY:	S Denver, CO 80221	NENE Section 4, Township 19 South, Range 3 Eddy County, New Mexico	31 East	F
D. Cavinder				

BTEX

76.2 43.9 222 350 7.97

1.1	and the second se							
Lege	end							
×	Wall Sample Location							
83	Soil Sample Location (Collected via GPS)							
×	Point of Release							
	Buried DCP Line							
1223	Excavation Extent - 9 ft bgs							
1223	Excavation Extent - 4 ft bgs							
	Surface Stainimg Area (Collected via GPS)							
7///	Surface Scraping Extent (Collected via GPS)							
	15' Right of Way (ROW) Easement							
Notes:								
	infrastructure has been spatially and needs to be field verified.							
Black text	denotes field values							
Red text d	lenotes lab values							
mg/kg - Milligrams per kilogram PID - Photo Ionization Detector CI - Chlorine TPH - Total Petroleum Hydrocarbons B - Benzene T - Toluene E - Ethylbenzene X - Total Xylenes BTEX - Total BTEX								
All location otherwise	ns are approximate unless noted							
N								

NES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Communit

Figure

1

Soil Sample Location Figure



November 03, 2017

YVONNE BLAIR DCP Midstream - Midland 10 Desta Dr., #400-W

Midland, TX 79705

**RE: M EXTENSION LINE** 

Enclosed are the results of analyses for samples received by the laboratory on 10/31/17 12:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. 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 <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

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:	10/31/2017	Sampling Date:	10/27/2017
Reported:	11/03/2017	Sampling Type:	Soil
Project Name:	M EXTENSION LINE	Sampling Condition:	Cool & Intact
Project Number:	F-231	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

### Sample ID: SOUTH WALL EXTENDED (H702981-01)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	11/02/2017	ND	2.06	103	2.00	0.991	
Toluene*	0.133	0.050	11/02/2017	ND	2.10	105	2.00	1.89	
Ethylbenzene*	0.384	0.050	11/02/2017	ND	2.12	106	2.00	1.22	
Total Xylenes*	2.27	0.150	11/02/2017	ND	6.78	113	6.00	1.32	
Total BTEX	2.79	0.300	11/02/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	129	% 72-148	}						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	176	16.0	11/01/2017	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10	112	10.0	11/01/2017	ND	198	98.8	200	3.65	
DRO >C10-C28	2030	10.0	11/01/2017	ND	194	97.1	200	1.15	
EXT DRO >C28-C36	71.0	10.0	11/01/2017	ND					
Surrogate: 1-Chlorooctane	112 9	28.3-16	4						
Surrogate: 1-Chlorooctadecane	94.3	% 34.7-15	7						

#### **Cardinal Laboratories**

### \*=Accredited Analyte

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Celeg D. Keine

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:	10/31/2017	Sampling Date:	10/27/2017
Reported:	11/03/2017	Sampling Type:	Soil
Project Name:	M EXTENSION LINE	Sampling Condition:	Cool & Intact
Project Number:	F-231	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

#### Sample ID: PT.7 BOTTOM @4' (H702981-02)

BTEX 8021B	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2017	ND	2.06	103	2.00	0.991	
Toluene*	<0.050	0.050	11/02/2017	ND	2.10	105	2.00	1.89	
Ethylbenzene*	0.085	0.050	11/02/2017	ND	2.12	106	2.00	1.22	
Total Xylenes*	0.430	0.150	11/02/2017	ND	6.78	113	6.00	1.32	
Total BTEX	0.515	0.300	11/02/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 %	6 72-148	}						
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/01/2017	ND	198	98.8	200	3.65	
DRO >C10-C28	436	10.0	11/01/2017	ND	194	97.1	200	1.15	
EXT DRO >C28-C36	63.8	10.0	11/01/2017	ND					
Surrogate: 1-Chlorooctane	87.6 9	28.3-16	4						
Surrogate: 1-Chlorooctadecane	104 %	6 34.7-15	7						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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Received:	10/31/2017	Sampling Date:	10/27/2017
Reported:	11/03/2017	Sampling Type:	Soil
Project Name:	M EXTENSION LINE	Sampling Condition:	Cool & Intact
Project Number:	F-231	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

#### Sample ID: PT.7 WEST WALL (H702981-03)

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/01/2017	ND	198	98.8	200	3.65	
DRO >C10-C28	12.9	10.0	11/01/2017	ND	194	97.1	200	1.15	
EXT DRO >C28-C36	<10.0	10.0	11/01/2017	ND					
Surrogate: 1-Chlorooctane	88.1	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	89.5	% 34.7-15	7						

# Sample ID: PT.7 EAST WALL (H702981-04)

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/01/2017	ND	198	98.8	200	3.65	
DRO >C10-C28	<10.0	10.0	11/01/2017	ND	194	97.1	200	1.15	
EXT DRO >C28-C36	<10.0	10.0	11/01/2017	ND					
Surrogate: 1-Chlorooctane	76.6 %	28.3-16	4						
Surrogate: 1-Chlorooctadecane	86.6 %	34.7-15	7						

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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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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

† Cardinal c	Delivered By: (Circle One) Sampler - UPS - Bus - Other	Relinquished By:	halan	Affiliates or successors arising on Relinquished By:	PLEASE NOTE: Liability and D analyses. All claims including th service. In no event shall Cardi						pr Pt	J So	-	Lab I.D.		FOR LAB USE ONLY	Campler Name: Kv	Project Location: M Extension Line	Project Name:	Proiect #:	Phone #:	City:		Project Manager: Y	Company Name: D	ARDI	7		
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