

October 30, 2015

C D WALKER
DCP MIDSTREAM
2010 ORCHARD LANE
ARTESIA, NM 88210

RE: LOCO HILLS MM PIPE LINE

Enclosed are the results of analyses for samples received by the laboratory on 10/29/15 14:40.

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.

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,



Celey D. Keene
Lab Director/Quality Manager

Analytical Results For:

 DCP MIDSTREAM
 C D WALKER
 2010 ORCHARD LANE
 ARTESIA NM, 88210
 Fax To: NONE

Received:	10/29/2015	Sampling Date:	10/29/2015
Reported:	10/30/2015	Sampling Type:	Soil
Project Name:	LOCO HILLS MM PIPE LINE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: BOTTOM @ 13' (H502841-01)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/29/2015	ND	2.03	102	2.00	1.74		
Toluene*	<0.050	0.050	10/29/2015	ND	2.22	111	2.00	1.91		
Ethylbenzene*	<0.050	0.050	10/29/2015	ND	2.02	101	2.00	2.00		
Total Xylenes*	<0.150	0.150	10/29/2015	ND	6.42	107	6.00	1.91		
Total BTEX	<0.300	0.300	10/29/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	10/30/2015	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/30/2015	ND	210	105	200	1.78		
DRO >C10-C28	10.0	10.0	10/30/2015	ND	218	109	200	1.40		

Surrogate: 1-Chlorooctane 95.4 % 35-147
Surrogate: 1-Chlorooctadecane 106 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 DCP MIDSTREAM
 C D WALKER
 2010 ORCHARD LANE
 ARTESIA NM, 88210
 Fax To: NONE

Received:	10/29/2015	Sampling Date:	10/29/2015
Reported:	10/30/2015	Sampling Type:	Soil
Project Name:	LOCO HILLS MM PIPE LINE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: PT. 1 WALL (H502841-02)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/29/2015	ND	2.03	102	2.00	1.74		
Toluene*	<0.050	0.050	10/29/2015	ND	2.22	111	2.00	1.91		
Ethylbenzene*	<0.050	0.050	10/29/2015	ND	2.02	101	2.00	2.00		
Total Xylenes*	<0.150	0.150	10/29/2015	ND	6.42	107	6.00	1.91		
Total BTEX	<0.300	0.300	10/29/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/30/2015	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/30/2015	ND	210	105	200	1.78		
DRO >C10-C28	<10.0	10.0	10/30/2015	ND	218	109	200	1.40		

Surrogate: 1-Chlorooctane 103 % 35-147

Surrogate: 1-Chlorooctadecane 117 % 28-171

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Analytical Results For:

 DCP MIDSTREAM
 C D WALKER
 2010 ORCHARD LANE
 ARTESIA NM, 88210
 Fax To: NONE

Received:	10/29/2015	Sampling Date:	10/29/2015
Reported:	10/30/2015	Sampling Type:	Soil
Project Name:	LOCO HILLS MM PIPE LINE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: PT. 2 WALL (H502841-03)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/29/2015	ND	2.03	102	2.00	1.74		
Toluene*	<0.050	0.050	10/29/2015	ND	2.22	111	2.00	1.91		
Ethylbenzene*	<0.050	0.050	10/29/2015	ND	2.02	101	2.00	2.00		
Total Xylenes*	<0.150	0.150	10/29/2015	ND	6.42	107	6.00	1.91		
Total BTEX	<0.300	0.300	10/29/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/30/2015	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/30/2015	ND	210	105	200	1.78		
DRO >C10-C28	<10.0	10.0	10/30/2015	ND	218	109	200	1.40		

Surrogate: 1-Chlorooctane 102 % 35-147
Surrogate: 1-Chlorooctadecane 113 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 DCP MIDSTREAM
 C D WALKER
 2010 ORCHARD LANE
 ARTESIA NM, 88210
 Fax To: NONE

Received:	10/29/2015	Sampling Date:	10/29/2015
Reported:	10/30/2015	Sampling Type:	Soil
Project Name:	LOCO HILLS MM PIPE LINE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: PT. 3 WALL (H502841-04)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/29/2015	ND	2.03	102	2.00	1.74		
Toluene*	<0.050	0.050	10/29/2015	ND	2.22	111	2.00	1.91		
Ethylbenzene*	<0.050	0.050	10/29/2015	ND	2.02	101	2.00	2.00		
Total Xylenes*	<0.150	0.150	10/29/2015	ND	6.42	107	6.00	1.91		
Total BTEX	<0.300	0.300	10/29/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/30/2015	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/30/2015	ND	210	105	200	1.78		
DRO >C10-C28	<10.0	10.0	10/30/2015	ND	218	109	200	1.40		

Surrogate: 1-Chlorooctane 110 % 35-147

Surrogate: 1-Chlorooctadecane 121 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 DCP MIDSTREAM
 C D WALKER
 2010 ORCHARD LANE
 ARTESIA NM, 88210
 Fax To: NONE

Received:	10/29/2015	Sampling Date:	10/29/2015
Reported:	10/30/2015	Sampling Type:	Soil
Project Name:	LOCO HILLS MM PIPE LINE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: PT. 4 WALL (H502841-05)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/29/2015	ND	2.03	102	2.00	1.74		
Toluene*	<0.050	0.050	10/29/2015	ND	2.22	111	2.00	1.91		
Ethylbenzene*	<0.050	0.050	10/29/2015	ND	2.02	101	2.00	2.00		
Total Xylenes*	<0.150	0.150	10/29/2015	ND	6.42	107	6.00	1.91		
Total BTEX	<0.300	0.300	10/29/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/30/2015	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/30/2015	ND	210	105	200	1.78		
DRO >C10-C28	<10.0	10.0	10/30/2015	ND	218	109	200	1.40		

Surrogate: 1-Chlorooctane 94.2 % 35-147

Surrogate: 1-Chlorooctadecane 101 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 DCP MIDSTREAM
 C D WALKER
 2010 ORCHARD LANE
 ARTESIA NM, 88210
 Fax To: NONE

Received:	10/29/2015	Sampling Date:	10/29/2015
Reported:	10/30/2015	Sampling Type:	Soil
Project Name:	LOCO HILLS MM PIPE LINE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: 6" SCRAPE PT. 1 @ 6" (H502841-06)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2015	ND	1.84	92.1	2.00	1.48		
Toluene*	<0.050	0.050	10/30/2015	ND	2.02	101	2.00	2.35		
Ethylbenzene*	<0.050	0.050	10/30/2015	ND	1.85	92.5	2.00	3.56		
Total Xylenes*	<0.150	0.150	10/30/2015	ND	5.88	98.0	6.00	3.68		
Total BTEX	<0.300	0.300	10/30/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/30/2015	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/30/2015	ND	210	105	200	1.78		
DRO >C10-C28	<10.0	10.0	10/30/2015	ND	218	109	200	1.40		

Surrogate: 1-Chlorooctane 108 % 35-147

Surrogate: 1-Chlorooctadecane 115 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 DCP MIDSTREAM
 C D WALKER
 2010 ORCHARD LANE
 ARTESIA NM, 88210
 Fax To: NONE

Received:	10/29/2015	Sampling Date:	10/29/2015
Reported:	10/30/2015	Sampling Type:	Soil
Project Name:	LOCO HILLS MM PIPE LINE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: 6" SCRAPE PT. 2 @ 6" (H502841-07)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2015	ND	1.84	92.1	2.00	1.48		
Toluene*	<0.050	0.050	10/30/2015	ND	2.02	101	2.00	2.35		
Ethylbenzene*	<0.050	0.050	10/30/2015	ND	1.85	92.5	2.00	3.56		
Total Xylenes*	<0.150	0.150	10/30/2015	ND	5.88	98.0	6.00	3.68		
Total BTEX	<0.300	0.300	10/30/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/30/2015	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/30/2015	ND	210	105	200	1.78		
DRO >C10-C28	<10.0	10.0	10/30/2015	ND	218	109	200	1.40		

Surrogate: 1-Chlorooctane 106 % 35-147
Surrogate: 1-Chlorooctadecane 114 % 28-171

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 DCP MIDSTREAM
 C D WALKER
 2010 ORCHARD LANE
 ARTESIA NM, 88210
 Fax To: NONE

Received:	10/29/2015	Sampling Date:	10/29/2015
Reported:	10/30/2015	Sampling Type:	Soil
Project Name:	LOCO HILLS MM PIPE LINE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: 6" SCRAPE PT. 3 @ 6" (H502841-08)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2015	ND	1.84	92.1	2.00	1.48		
Toluene*	<0.050	0.050	10/30/2015	ND	2.02	101	2.00	2.35		
Ethylbenzene*	<0.050	0.050	10/30/2015	ND	1.85	92.5	2.00	3.56		
Total Xylenes*	<0.150	0.150	10/30/2015	ND	5.88	98.0	6.00	3.68		
Total BTEX	<0.300	0.300	10/30/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	624	16.0	10/30/2015	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/30/2015	ND	210	105	200	1.78		
DRO >C10-C28	<10.0	10.0	10/30/2015	ND	218	109	200	1.40		

Surrogate: 1-Chlorooctane 99.1 % 35-147

Surrogate: 1-Chlorooctadecane 106 % 28-171

Cardinal Laboratories

* = 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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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CARDINAL LABORATORIES

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

RUSH

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: DCP Midstream		Project Manager: Kyle Norman		P.O. #:		BILL TO		ANALYSIS REQUEST						
Address:		State: Zip:		Company:		Attn:		Address:						
Phone #:		Fax #:		City: Hobbs		State: NM		Zip: 88240						
Project #:		Project Owner:		Phone #:		Fax #:								
Project Name:		Project Location: Loco Hills MM Pipe Line												
Sampler Name: Kyle Norman														
FOR LAB USE ONLY														
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	Chlorides	TPH 8015 M	BTEX	Texas TPH	Complete Cations/Anions	TDS
<i>H502841</i>														
	Bottom @13'		1	✓	✓	✓	10/29/15	09:15	✓	✓	✓	✓	✓	✓
	Pt. 1 Wall		1	✓	✓	✓	10/29/15	09:30	✓	✓	✓	✓	✓	✓
	Pt. 2 Wall		1	✓	✓	✓	10/29/15	09:45	✓	✓	✓	✓	✓	✓
	Pt. 3 Wall		1	✓	✓	✓	10/29/15	10:00	✓	✓	✓	✓	✓	✓
	Pt. 4 Wall		1	✓	✓	✓	10/29/15	10:30	✓	✓	✓	✓	✓	✓
	6" scrape Pt. 1 @ 6"		1	✓	✓	✓	10/29/15	11:30	✓	✓	✓	✓	✓	✓
	6" scrape Pt. 2 @ 6"		1	✓	✓	✓	10/29/15	12:15	✓	✓	✓	✓	✓	✓
	6" scrape Pt. 3 @ 6"		1	✓	✓	✓	10/29/15	01:00	✓	✓	✓	✓	✓	✓

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 services. 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: *Kyle Norman* Date: *10-29-15* Received By: *Scott Jensen*

Relinquished By: *Kyle Norman* Date: *8:40* Received By: *Scott Jensen*

Delivered By: (Circle One) *3.62* Sample Condition: Intact Cool Yes No Checked By: *[Signature]*

Sampler - UPS - Bus - Other: *3.62*

Phone Result: Yes No Add'l Phone #: *#54*

Fax Result: Yes No Add'l Fax #: *#54*

REMARKS: email results: knorman@basinenv.com company: cdwalker@dcpcmidstream.com