



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

Company Name: <b>Regency</b> Project Manager: <b>Emmanuel Lujan</b> Address: <b>101 E Panther</b> City: <b>Jal</b> State: <b>NM</b> Zip: <b>88252</b> Phone #: <b>575-631-6914</b> Fax #: <b>575-395-2162</b> Project #: <b>M4</b> Project Owner: <b>Regency</b> Project Name: <b>Trunk M4</b> Project Location: <b>Trunk M Pipeline 20" line</b> Sampler Name: <b>Emmanuel Lujan</b>		<b>BILL TO</b> P.O. #: Company: <b>Regency Field Services</b> Attn: <b>Phillip Little</b> Address: <b>P.O. Box 1226</b> City: <b>Jal</b> State: <b>NM</b> Zip: <b>88252</b> Phone #: <b>325-514-2636</b> Fax #:		<b>ANALYSIS REQUEST</b>																				
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING		<div style="display: flex; justify-content: space-around; font-size: 2em; font-weight: bold;"> <span>Chlorides</span> <span>BTEX</span> <span>TPH</span> </div>														
Lab I.D.	Sample I.D.	(GRAB OR C/COMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :											ACID/BASE	ICE / COOL	OTHER :	DATE	TIME
<b>H4D2065</b>																								
<b>5</b>	<b>1</b>												<b>7-8</b>	<b>9:20</b>										
	<b>2</b>												<b>7-8</b>	<b>9:05</b>										
	<b>3</b>												<b>7-8</b>	<b>9:07</b>										
	<b>4</b>												<b>7-8</b>	<b>9:12</b>										
	<b>5</b>												<b>7-8</b>	<b>9:15</b>										
	<b>6</b>												<b>7-8</b>	<b>9:20</b>										
<small>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 reasons or otherwise.</small>																								
Relinquished By:		Date: <b>7/8/14</b> Time: <b>1:00</b>		Received By:								Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #: REMARKS:												
Relinquished By:		Date: Time:		Received By:								Email results to: <b>Emmanuel@pantherenergy.net</b>												
Delivered By: (Circle One) Sampler - UPS - Bus - Other:				Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No																				
CHECKED BY:																								

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

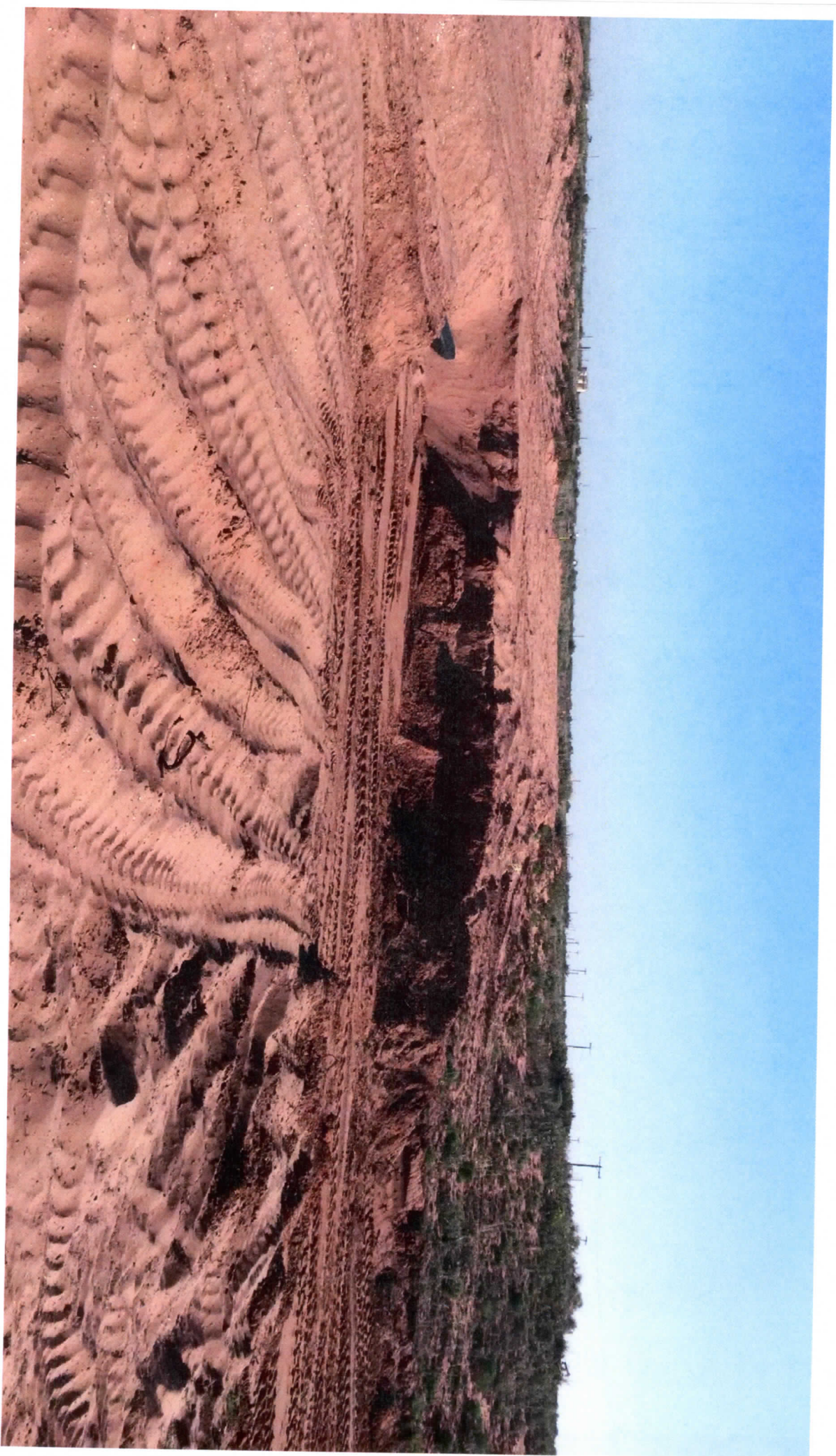
326 #54

PROJECT NUMBER: M4

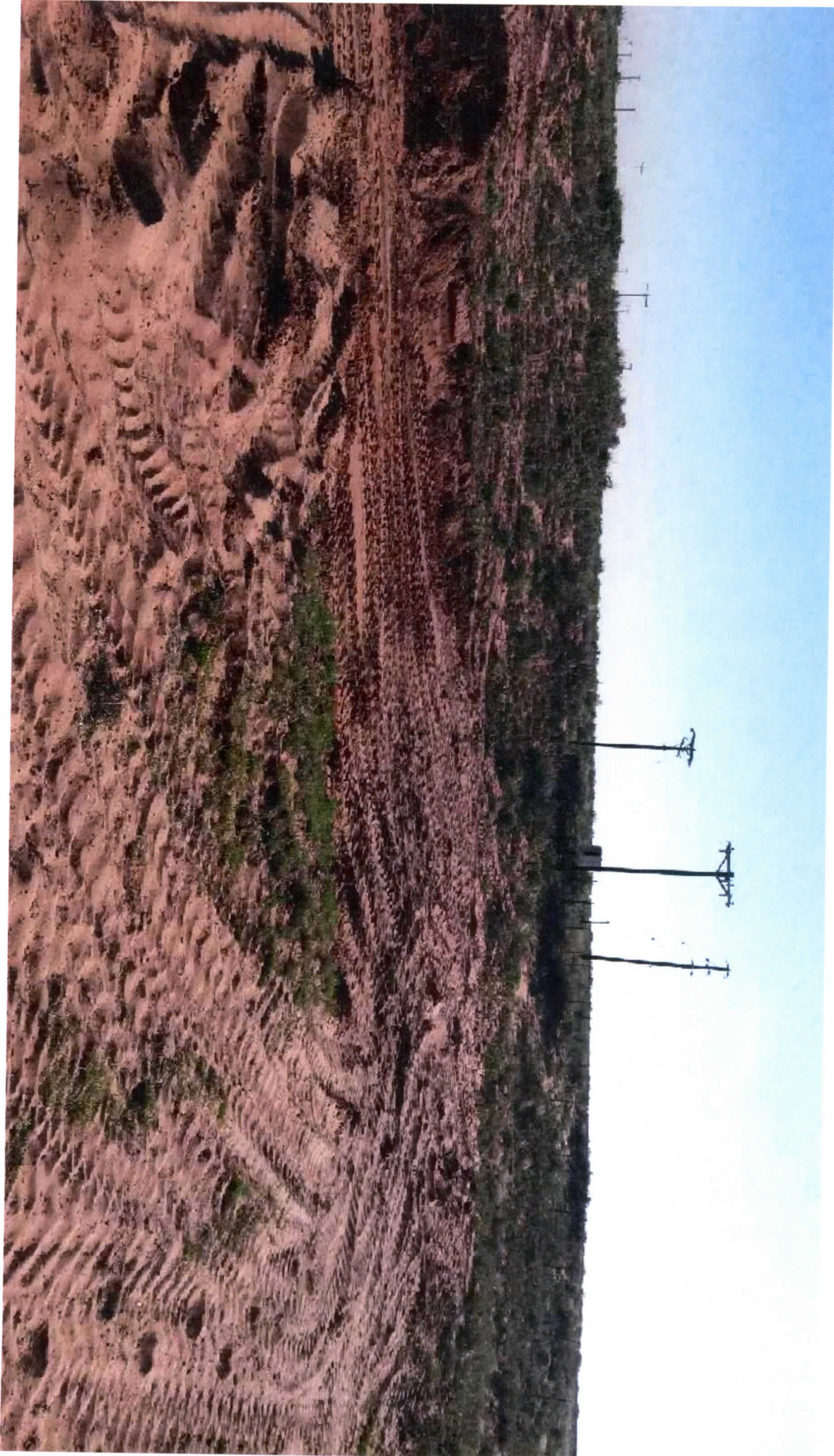
DATE: 7-8-14

[illegible]

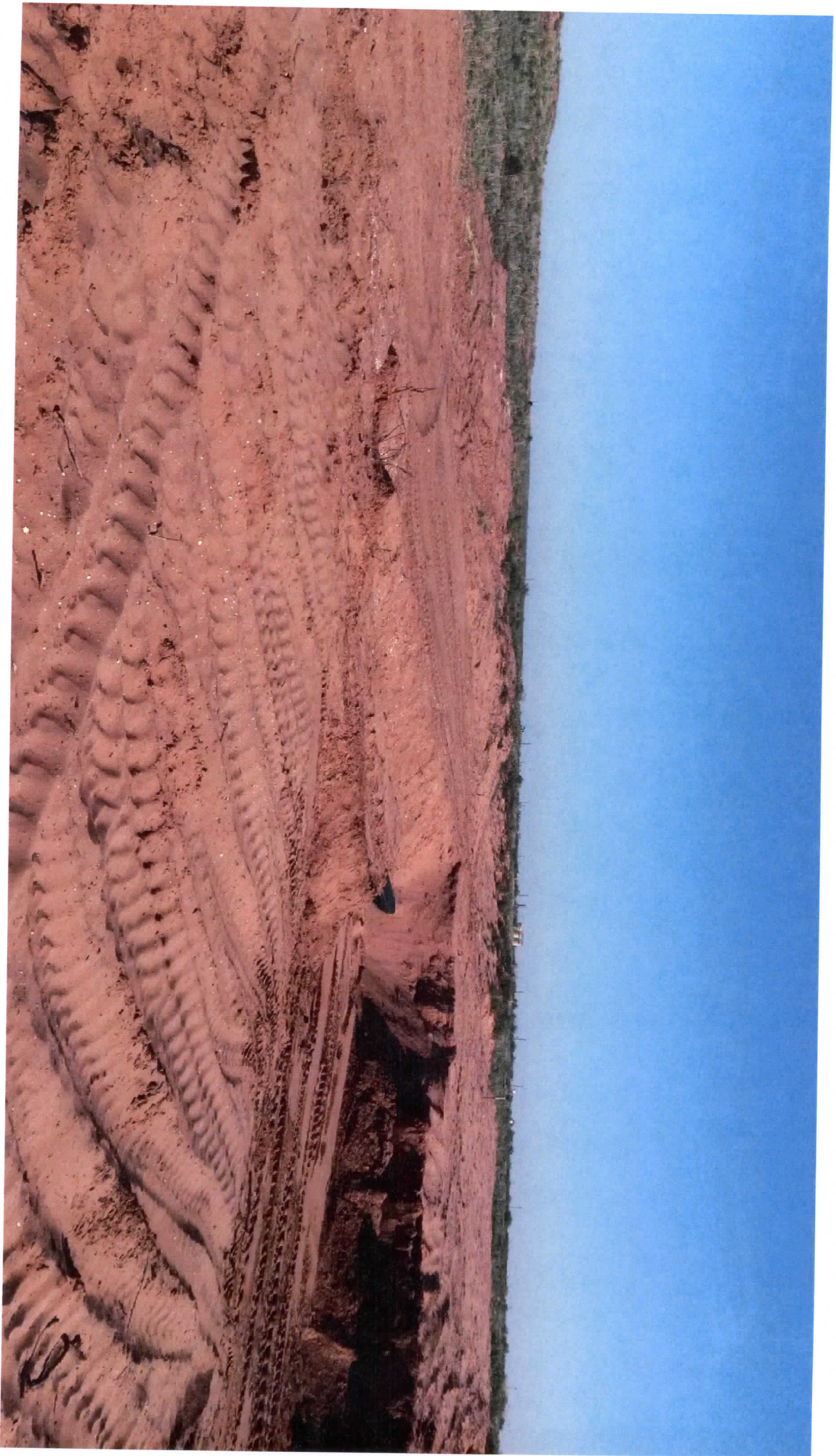




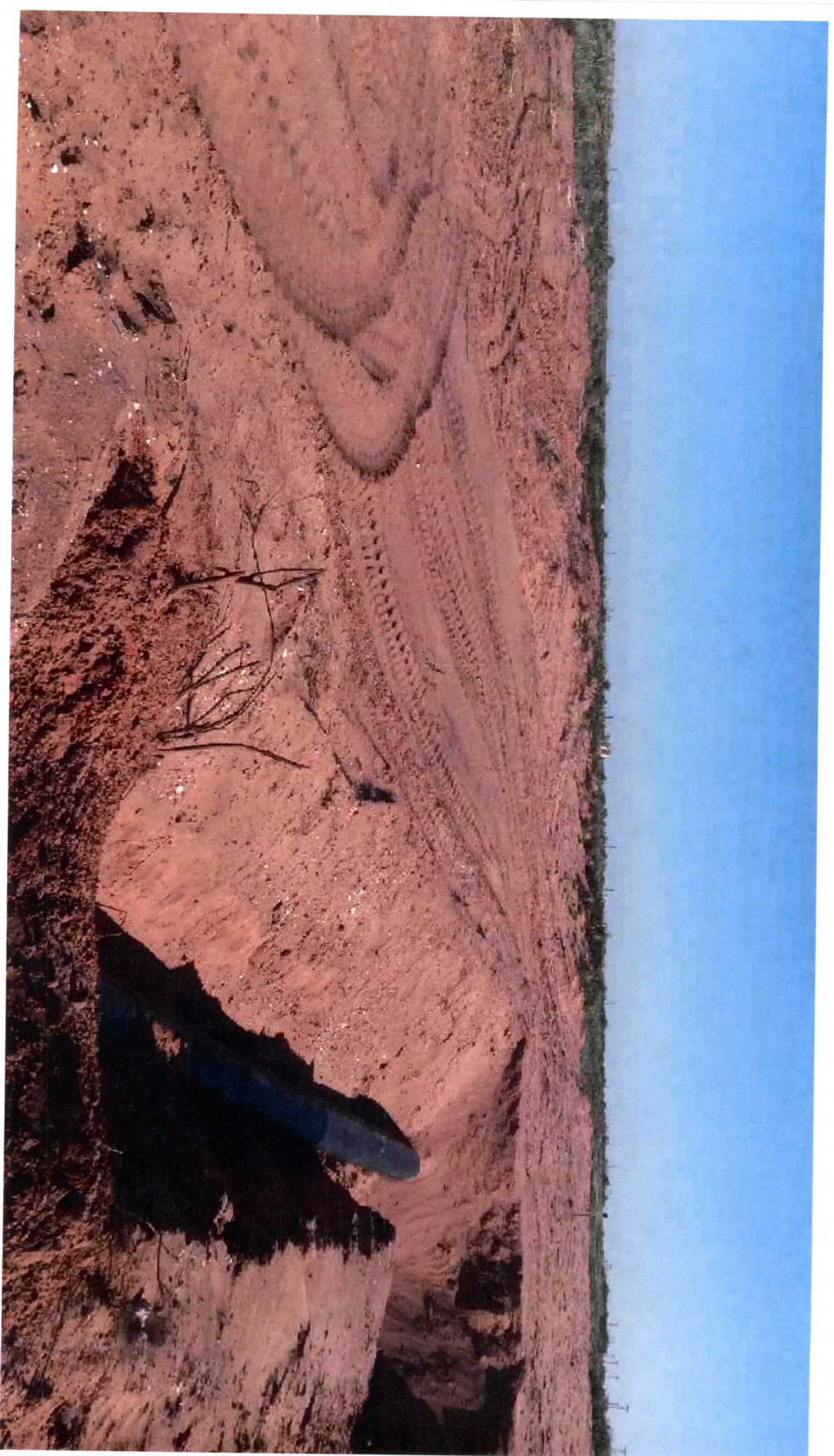




















# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: <u>Resency</u>				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>											
Project Manager: <u>Emmanuel Lujan</u>				P.O. #:				<div style="display: flex; flex-direction: column; align-items: center;"> <div>Chlorides</div> <div>BTEX</div> <div>TPH</div> </div>											
Address: <u>101 E Panther</u>				Company: <u>Resency Field Services</u>															
City: <u>Jal</u>		State: <u>NM</u>		Zip: <u>88252</u>		Attn: <u>Philip Little</u>													
Phone #: <u>575-631-6914</u>		Fax #: <u>575-395-2162</u>		Address: <u>P.O. Box 1226</u>		City: <u>Jal</u>													
Project #: <u>M4</u>		Project Owner: <u>Resency</u>		State: <u>NM</u>		Zip: <u>88252</u>													
Project Name: <u>Trunk M4</u>		Phone #: <u>325-514-2636</u>		Fax #:															
Project Location: <u>Trunk M Pipeline 20" line</u>																			
Sampler Name: <u>Emmanuel Lujan</u>																			

FOR LAB USE ONLY		Lab I.D.	Sample I.D.	(GRAB OR C)COMP.	# CONTAINERS	MATRIX						PRESERV.		SAMPLING		DATE	TIME
						GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER			
		H4D2065															
5	1		51 - B	6	1										7-8	9:00	
	2		51 - WW	6	1										7-8	9:05	
	3		52 - NW		1										7-8	9:09	
	4		52 - SW		1										7-8	9:12	
	5		52 - 4'		1										7-8	9:15	
	6		52 - 5'		1										7-8	9:20	

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Relinquished By: <u>[Signature]</u>	Date: <u>7/8/14</u>	Received By: <u>[Signature]</u>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: <u>7:00</u>		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS: <u>Email results to: Emmanuel@pantherenergy.net</u>	
	Time:			
Delivered By: (Circle One)	Sample Condition	CHECKED BY: <u>[Signature]</u>		
Sampler - UPS - Bus - Other:	Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	(Initials)		
	<input type="checkbox"/> Yes <input type="checkbox"/> No			

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

#54





July 11, 2014

PHILLIP LITTLE

REGENCY GAS SERVICES

P. O. BOX 1226

JAL, NM 88252

RE: TRUNK M 4

Enclosed are the results of analyses for samples received by the laboratory on 07/08/14 13:00.

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/ga/lab\\_accred\\_certif.html](http://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 Halooacetic 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:**

REGENCY GAS SERVICES

PHILLIP LITTLE

P. O. BOX 1226

JAL NM, 88252

Fax To:

Received:

07/08/2014

Reported:

07/11/2014

Project Name:

TRUNK M 4

Project Number:

M4

Project Location:

TRUNK M PIPELINE 20" LINE

**Sample ID: S1 - B (H402065-01)**
**BTEX 80218**
**mg/kg**
**Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2014	ND	1.81	90.7	2.00	12.2	
Toluene*	<0.050	0.050	07/10/2014	ND	1.83	91.3	2.00	12.6	
Ethylbenzene*	<0.050	0.050	07/10/2014	ND	1.85	92.3	2.00	12.0	
Total Xylenes*	<0.150	0.150	07/10/2014	ND	5.73	95.6	6.00	11.0	
Total BTEX	<0.300	0.300	07/10/2014	ND					

*Surrogate: 4-Bromofluorobenzene (PLC)*
**mg/kg**
**Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	07/10/2014	ND	400	100	400	3.92	
TPH 8015M									

**mg/kg**
**Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/09/2014	ND	191	95.3	200	0.0204	
DRO >C10-C28	57.1	10.0	07/09/2014	ND	205	102	200	0.0322	
EXT DRO >C28-C35	13.4	10.0	07/09/2014	ND					

*Surrogate: 1-Chlorooctane*
**mg/kg**
**Analyzed By: MS**

	133 %	65.2-140							
	156 %	63.6-154							

*Surrogate: 1-Chlorooctadecane*
**mg/kg**
**Analyzed By: MS**


Caley D. Keene, Lab Director/Quality Manager

Cardinal Laboratories

\*=Accredited Analyte

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**Analytical Results For:**

REGENCY GAS SERVICES

PHILLIP LITTLE

P. O. BOX 1226

JAL NM, 88252

Fax To:

Received:

07/08/2014

Reported:

07/11/2014

Project Name:

TRUNK M 4

Project Number:

M4

Project Location:

TRUNK M PIPELINE 20" LINE

**Sample ID: S1 - WW (H402065-02)**
**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	07/10/2014	ND	1.81	90.7	2.00	12.2	
Toluene*	<0.050	0.050	07/10/2014	ND	1.83	91.3	2.00	12.6	
Ethylbenzene*	<0.050	0.050	07/10/2014	ND	1.85	92.3	2.00	12.0	
Total Xylenes*	<0.150	0.150	07/10/2014	ND	5.73	95.6	6.00	11.0	
Total BTEX	<0.300	0.300	07/10/2014	ND					

*Surrogate: 4-Bromofluorobenzene (PLC)*
**mg/kg**
**Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	07/10/2014	ND	400	100	400	3.92	

**Chloride**
**mg/kg**
**Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TPH 8015M	96.0	16.0	07/10/2014	ND	400	100	400	3.92	

**S-04**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/09/2014	ND	191	95.3	200	0.0204	
DRO >C10-C28	<10.0	10.0	07/09/2014	ND	205	102	200	0.0322	
EXT DRO >C28-C35	<10.0	10.0	07/09/2014	ND					

*Surrogate: 1-Chlorooctane*
**140 %**
**65.2-140**
*Surrogate: 1-Chlorooctadecane*
**157 %**
**63.6-154**
**Cardinal Laboratories**

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

REGENCY GAS SERVICES

PHILLIP LITTLE

P. O. BOX 1226

JAL NM, 88252

Fax To:

Received:

07/08/2014

Reported:

07/11/2014

Project Name:

TRUNK M 4

Project Number:

M4

Project Location:

TRUNK M PIPELINE 20" LINE

**Sample ID: S2 - NW (H402065-03)**
**BTEX 8021B**
**mg/kg**
**Analyzed By: MS**

Analyte

Result

Reporting Limit

Analyzed

Method Blank

BS

% Recovery

True Value QC

RPD

Qualifier

Benzene\*

&lt;0.050

0.050

07/10/2014

ND

1.81

90.7

2.00

12.2

12.6

2.00

12.0

92.3

6.00

11.0

Total Xylenes\*

&lt;0.150

0.150

07/10/2014

ND

5.73

95.6

6.00

11.0

Total BTEX

&lt;0.300

0.300

07/10/2014

ND

89.4-126

99.9 %

mg/kg

Analyzed By: AP

**Chloride, SM4500Cl-B**

Analyte

Result

Reporting Limit

Analyzed

Method Blank

BS

% Recovery

True Value QC

RPD

Qualifier

Chloride

**TPH 8015M**
**mg/kg**
**Analyzed By: MS**

Analyte

Result

Reporting Limit

Analyzed

Method Blank

BS

% Recovery

True Value QC

RPD

Qualifier

GRO C6-C10

&lt;10.0

10.0

07/09/2014

ND

191

95.3

200

0.0204

0.0322

EXT DRO &gt;C28-C35

&lt;10.0

10.0

07/09/2014

ND

205

102

200

0.0322

DRO &gt;C10-C28

&lt;10.0

10.0

07/09/2014

ND

10.0

65.2-140

158 %

63.6-154

Surrogate: 1-Chlorooctane

Surrogate: 1-Chlorooctadecane

Cardinal Laboratories

\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

REGENCY GAS SERVICES

PHILLIP LITTLE

P. O. BOX 1226

JAL NM, 88252

Fax To:

Received:

07/08/2014

Reported:

07/11/2014

Project Name:

TRUNK M 4

Project Number:

M4

Project Location:

TRUNK M PIPELINE 20" LINE

**Sample ID: S2 - SW (H402065-04)**
**BTEX 80218**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2014	ND	1.81	90.7	2.00	12.2	
Toluene*	<0.050	0.050	07/10/2014	ND	1.83	91.3	2.00	12.6	
Ethylbenzene*	<0.050	0.050	07/10/2014	ND	1.85	92.3	2.00	12.0	
Total Xylenes*	<0.150	0.150	07/10/2014	ND	5.73	95.6	6.00	11.0	
Total BTEX	<0.300	0.300	07/10/2014	ND					

*Surrogate: 4-Bromofluorobenzene (PLC)*

101 % 89.4-126

**Chloride, SM4500Cl-B**

mg/kg

Analyzed By: AP

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	07/10/2014	ND	400	100	400	3.92	

**TPH 8015M**

mg/kg

Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/09/2014	ND	180	90.2	200	0.0919	
DRO > C10-C28	<10.0	10.0	07/09/2014	ND	190	94.9	200	2.92	
EXT DRO > C28-C35	<10.0	10.0	07/09/2014	ND					

*Surrogate: 1-Chlorooctane*

140 %

65.2-140

*Surrogate: 1-Chlorooctadecane*

160 %

63.6-154

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\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 REGENCY GAS SERVICES  
 PHILLIP LITTLE  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	07/08/2014	Sampling Date:	07/08/2014
Reported:	07/11/2014	Sampling Type:	Soil
Project Name:	TRUNK M 4	Sampling Condition:	Cool & Intact
Project Number:	M4	Sample Received By:	Jodi Henson
Project Location:	TRUNK M PIPELINE 20" LINE		

**Sample ID: S2 - 4' (H402065-05)**

BTX 80218									
Analyzed By: MS									
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2014	ND	1.81	90.7	2.00	12.2	
Toluene*	<0.050	0.050	07/10/2014	ND	1.83	91.3	2.00	12.6	
Ethylbenzene*	<0.050	0.050	07/10/2014	ND	1.85	92.3	2.00	12.0	
Total Xylenes*	<0.150	0.150	07/10/2014	ND	5.73	95.6	6.00	11.0	
Total BTX	<0.300	0.300	07/10/2014	ND					
Surrogate: 4-Bromofluorobenzene (PLC)									
mg/kg									
Analyzed By: AP									
Chloride, SM4500Cl-B	101 %								
	89.4-126								
mg/kg									
Analyzed By: MS									
Chloride	<16.0	16.0	07/10/2014	ND	400	100	400	3.92	
TPH 8015M									
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/09/2014	ND	180	90.2	200	0.0919	
DRO > C10-C28	<10.0	10.0	07/09/2014	ND	190	94.9	200	2.92	
EXT DRO > C28-C35	<10.0	10.0	07/09/2014	ND					
Surrogate: 1-Chlorooctane									
	137 %								
	65.2-140								
mg/kg									
Surrogate: 1-Chlorooctadecane									
	159 %								
	63.6-154								

Cardinal Laboratories

\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

REGENCY GAS SERVICES

PHILLIP LITTLE

P. O. BOX 1226

JAL NM, 88252

Fax To:

Received:

07/08/2014

Reported:

07/11/2014

Project Name:

TRUNK M 4

Project Number:

M4

Project Location:

TRUNK M PIPELINE 20" LINE

**Sample ID: S2 - 5' (H402065-06)**
**BTEX 80218**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2014	ND	1.81	90.7	2.00	12.2	
Toluene*	<0.050	0.050	07/10/2014	ND	1.83	91.3	2.00	12.6	
Ethylbenzene*	<0.050	0.050	07/10/2014	ND	1.85	92.3	2.00	12.0	
Total Xylenes*	<0.150	0.150	07/10/2014	ND	5.73	95.6	6.00	11.0	
Total BTEX	<0.300	0.300	07/10/2014	ND					

Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/10/2014	ND	400	100	400	3.92	
TPH 8015M									

Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/09/2014	ND	180	90.2	200	0.0919	
DRO >C10-C28	<10.0	10.0	07/09/2014	ND	190	94.9	200	2.92	
EXT DRO >C28-C35	<10.0	10.0	07/09/2014	ND					

 Surrogate: 1-Chlorooctane 135 % 65.2-140  
 Surrogate: 1-Chlorodecane 160 % 63.6-154

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\*=Accredited Analyte

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C. D. Keene, Lab Director/Quality Manager

## Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

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