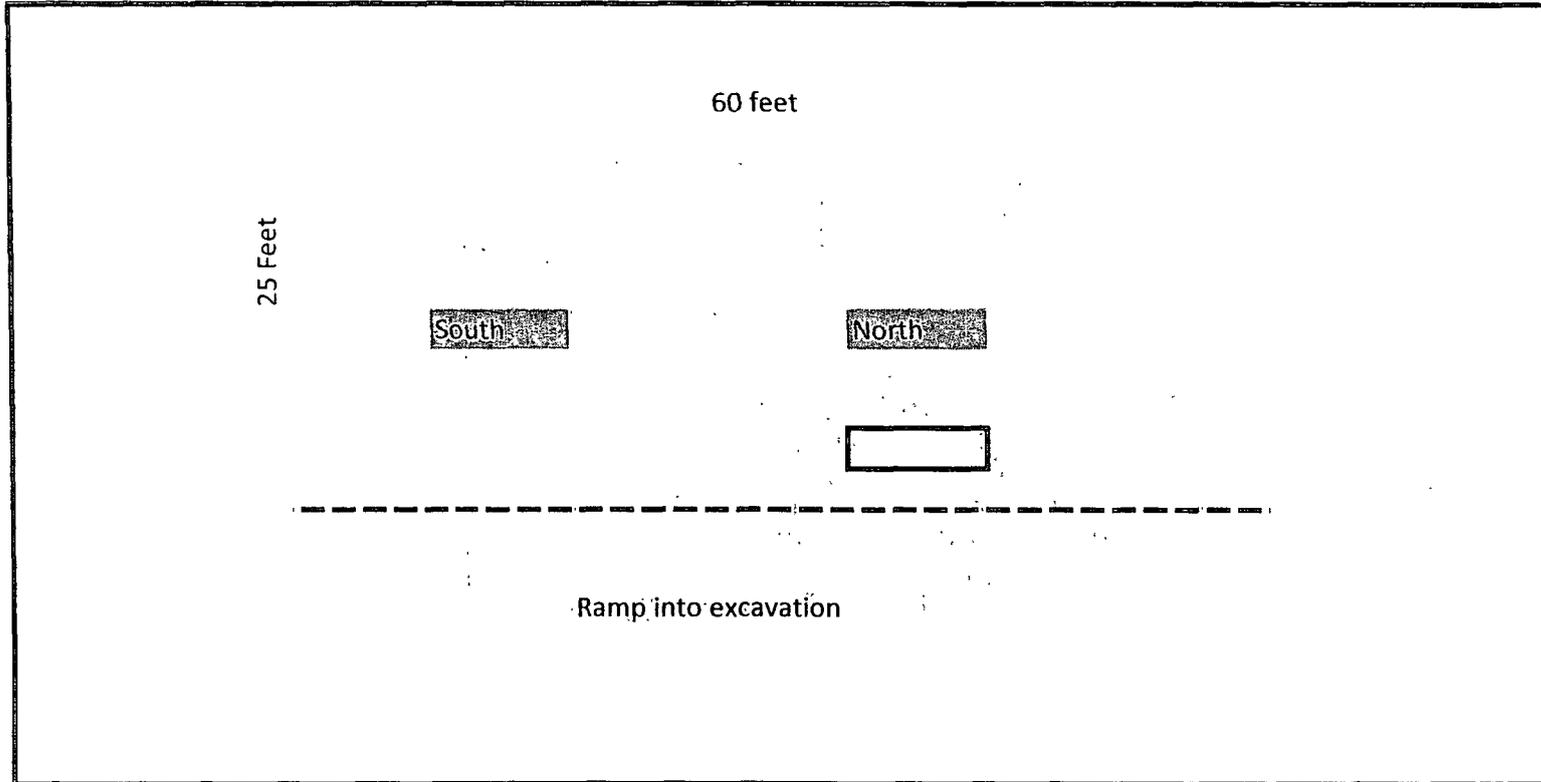


10 Mile Unit #1



SAMPLE	BTEX	GRO	DRO	TPH
North 3'	3.952	293	2050	2343
North 5'	3.546	83.7	435	518.7
North 7'	4.065	145	608	753
North 9'	1.637	54.7	264	318.7
North 11'	0.418	ND	51.2	51.2
North 13'	ND	ND	23	23

Removed

Removed

SAMPLE	BTEX	GRO	DRO	TPH
South 3'	6.113	226	899	1125
South 5'	5.919	277	956	1233
South 7'	6.591	59.7	287	346.7
South 9'	56.2	1060	2090	3150
South 11'	1.276	13	57.2	70.2
South 13'	1.119	ND	69.6	69.6

Sampling error

August 15, 2012

AMANDA TRUJILLO

Yates Energy Petroleum Corp

105 S 4th Street

Artesia, NM 88210

RE: TEN MILE UNIT #1

Enclosed are the results of analyses for samples received by the laboratory on 08/08/12 12:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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,



Celey D. Keene

Lab Director/Quality Manager

**Analytical Results For:**

 Yates Energy Petroleum Corp  
 AMANDA TRUJILLO  
 105 S 4th Street  
 Artesia NM, 88210  
 Fax To: (505) 748-4635

Received:	08/08/2012	Sampling Date:	08/07/2012
Reported:	08/15/2012	Sampling Type:	Soil
Project Name:	TEN MILE UNIT #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SOUTH - 3' (H201837-01)**

BTEX 8021B		mg/kg		Analyzed By: AP					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Benzene*</b>	<b>0.084</b>	0.050	08/13/2012	ND	1.75	87.4	2.00	3.35		
<b>Toluene*</b>	<b>0.819</b>	0.150	08/13/2012	ND	1.99	99.7	2.00	3.71		
<b>Ethylbenzene*</b>	<b>1.08</b>	0.050	08/13/2012	ND	1.98	99.0	2.00	3.87		
<b>Total Xylenes*</b>	<b>4.13</b>	0.150	08/13/2012	ND	5.92	98.7	6.00	4.16		

*Surrogate 4-Bromofluorobenzene (PIC)*      216 %      89 4-126

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10</b>	<b>226</b>	10.0	08/10/2012	ND	191	95.5	200	0.752		
<b>DRO &gt;C10-C28</b>	<b>899</b>	10.0	08/10/2012	ND	192	96.1	200	3.08		

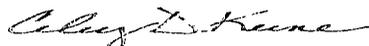
*Surrogate 1-Chlorooctane*      111 %      65 2-140

*Surrogate 1-Chlorooctadecane*      103 %      63 6-154

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 Yates Energy Petroleum Corp  
 AMANDA TRUJILLO  
 105 S 4th Street  
 Artesia NM, 88210  
 Fax To: (505) 748-4635

Received:	08/08/2012	Sampling Date:	08/07/2012
Reported:	08/15/2012	Sampling Type:	Soil
Project Name:	TEN MILE UNIT #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SOUTH - 5' (H201837-02)**

BTEX 8021B		mg/kg		Analyzed By: AP				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Benzene*</b>	<b>0.107</b>	0.050	08/13/2012	ND	1.75	87.4	2.00	3.35		
<b>Toluene*</b>	<b>0.782</b>	0.150	08/13/2012	ND	1.99	99.7	2.00	3.71		
<b>Ethylbenzene*</b>	<b>1.11</b>	0.050	08/13/2012	ND	1.98	99.0	2.00	3.87		
<b>Total Xylenes*</b>	<b>3.92</b>	0.150	08/13/2012	ND	5.92	98.7	6.00	4.16		

Surrogate: 4-Bromofluorobenzene (PIE) 194 % 89 4-126

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10</b>	<b>277</b>	10.0	08/10/2012	ND	191	95.5	200	0.752		
<b>DRO &gt;C10-C28</b>	<b>956</b>	10.0	08/10/2012	ND	192	96.1	200	3.08		

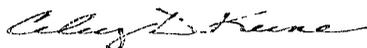
Surrogate: 1-Chlorooctane 108 % 65.2-140

Surrogate: 1-Chlorooctadecane 104 % 63 6-154

Cardinal Laboratories

\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 Yates Energy Petroleum Corp  
 AMANDA TRUJILLO  
 105 S 4th Street  
 Artesia NM, 88210  
 Fax To: (505) 748-4635

Received:	08/08/2012	Sampling Date:	08/07/2012
Reported:	08/15/2012	Sampling Type:	Soil
Project Name:	TEN MILE UNIT #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SOUTH - 7' (H201837-03)**

BTEX 8021B		mg/kg		Analyzed By: AP					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Benzene*</b>	<b>0.121</b>	0.050	08/14/2012	ND	1.75	87.4	2.00	3.35		
<b>Toluene*</b>	<b>1.26</b>	0.150	08/14/2012	ND	1.99	99.7	2.00	3.71		
<b>Ethylbenzene*</b>	<b>1.08</b>	0.050	08/14/2012	ND	1.98	99.0	2.00	3.87		
<b>Total Xylenes*</b>	<b>4.13</b>	0.150	08/14/2012	ND	5.92	98.7	6.00	4.16		

*Surrogate 4-Bromofluorobenzene (PIE)*      193 %      89 4-126

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10</b>	<b>59.7</b>	10.0	08/10/2012	ND	191	95.5	200	0.752		
<b>DRO &gt;C10-C28</b>	<b>287</b>	10.0	08/10/2012	ND	192	96.1	200	3.08		

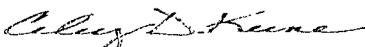
*Surrogate 1-Chlorooctane*      95.7 %      65 2-140

*Surrogate 1-Chlorooctadecane*      86.4 %      63 6-154

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 Yates Energy Petroleum Corp  
 AMANDA TRUJILLO  
 105 S 4th Street  
 Artesia NM, 88210  
 Fax To: (505) 748-4635

Received:	08/08/2012	Sampling Date:	08/07/2012
Reported:	08/15/2012	Sampling Type:	Soil
Project Name:	TEN MILE UNIT #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SOUTH - 9' (H201837-04)**

BTEX 8021B		mg/kg		Analyzed By: AP					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Benzene*</b>	<b>1.15</b>	0.200	08/14/2012	ND	1.75	87.4	2.00	3.35		
<b>Toluene*</b>	<b>15.5</b>	0.600	08/14/2012	ND	1.99	99.7	2.00	3.71		
<b>Ethylbenzene*</b>	<b>6.45</b>	0.200	08/14/2012	ND	1.98	99.0	2.00	3.87		
<b>Total Xylenes*</b>	<b>33.1</b>	0.600	08/14/2012	ND	5.92	98.7	6.00	4.16		

Surrogate 4-Bromofluorobenzene (PIE) 164 % 89 4-126

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10</b>	<b>1060</b>	10.0	08/10/2012	ND	191	95.5	200	0.752		
<b>DRO &gt;C10-C28</b>	<b>2090</b>	10.0	08/10/2012	ND	192	96.1	200	3.08		

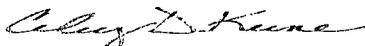
Surrogate 1-Chlorooctane 135 % 65 2-140

Surrogate 1-Chlorooctadecane 122 % 63 6-154

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 Yates Energy Petroleum Corp  
 AMANDA TRUJILLO  
 105 S 4th Street  
 Artesia NM, 88210  
 Fax To: (505) 748-4635

Received:	08/08/2012	Sampling Date:	08/07/2012
Reported:	08/15/2012	Sampling Type:	Soil
Project Name:	TEN MILE UNIT #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SOUTH - 11' (H201837-05)**

BTEX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2012	ND	1.75	87.4	2.00	3.35	
Toluene*	<b>0.322</b>	0.150	08/14/2012	ND	1.99	99.7	2.00	3.71	
Ethylbenzene*	<b>0.157</b>	0.050	08/14/2012	ND	1.98	99.0	2.00	3.87	
Total Xylenes*	<b>0.787</b>	0.150	08/14/2012	ND	5.92	98.7	6.00	4.16	

Surrogate 4-Bromofluorobenzene (PIC) 123 % 89 4-126

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<b>13.0</b>	10.0	08/10/2012	ND	191	95.5	200	0.752	
DRO >C10-C28	<b>57.2</b>	10.0	08/10/2012	ND	192	96.1	200	3.08	

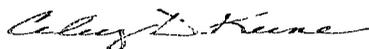
Surrogate 1-Chlorooctane 92.7 % 65 2-140

Surrogate 1-Chlorooctadecane 93.8 % 63 6-154

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 Yates Energy Petroleum Corp  
 AMANDA TRUJILLO  
 105 S 4th Street  
 Artesia NM, 88210  
 Fax To: (505) 748-4635

Received:	08/08/2012	Sampling Date:	08/07/2012
Reported:	08/15/2012	Sampling Type:	Soil
Project Name:	TEN MILE UNIT #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SOUTH - 13' (H201837-06)**

BTEX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2012	ND	1.75	87.4	2.00	3.35	
<b>Toluene*</b>	<b>0.270</b>	0.150	08/14/2012	ND	1.99	99.7	2.00	3.71	
<b>Ethylbenzene*</b>	<b>0.154</b>	0.050	08/14/2012	ND	1.98	99.0	2.00	3.87	
<b>Total Xylenes*</b>	<b>0.695</b>	0.150	08/14/2012	ND	5.92	98.7	6.00	4.16	

Surrogate 4-Bromofluorobenzene (PIC) 120 % 89 4-126

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	08/10/2012	ND	191	95.5	200	0.752	
<b>DRO &gt;C10-C28</b>	<b>69.6</b>	10.0	08/10/2012	ND	192	96.1	200	3.08	

Surrogate 1-Chlorooctane 88 0 % 65 2-140

Surrogate 1-Chlorooctadecane 89 7 % 63 6-154

Cardinal Laboratories

\*=Accredited Analyte

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Celey 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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Cardinal Laboratories

\*=Accredited Analyte

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---

Celey D. Keene, Lab Director/Quality Manager



August 13, 2012

AMANDA TRUJILLO

Yates Energy Petroleum Corp

105 S 4th Street

Artesia, NM 88210

RE: TEN MILE UNIT #1

Enclosed are the results of analyses for samples received by the laboratory on 08/08/12 12:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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).

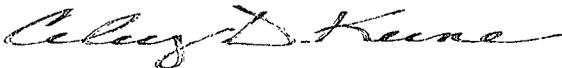
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

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,



Celey D. Keene

Lab Director/Quality Manager

**Analytical Results For:**

 Yates Energy Petroleum Corp  
 AMANDA TRUJILLO  
 105 S 4th Street  
 Artesia NM, 88210  
 Fax To: (505) 748-4635

Received:	08/08/2012	Sampling Date:	08/07/2012
Reported:	08/13/2012	Sampling Type:	Soil
Project Name:	TEN MILE UNIT #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: NORTH - 3' (H201836-01)**

BTEX 8021B		mg/kg		Analyzed By: AP					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/13/2012	ND	1.75	87.4	2.00	3.35		
Toluene*	<b>0.290</b>	0.150	08/13/2012	ND	1.99	99.7	2.00	3.71		
Ethylbenzene*	<b>0.512</b>	0.050	08/13/2012	ND	1.98	99.0	2.00	3.87		
Total Xylenes*	<b>3.15</b>	0.150	08/13/2012	ND	5.92	98.7	6.00	4.16		

Surrogate 4-Biomfluorobenzene (PIC) 173 % 89 4-126

TPH 8015M		mg/kg		Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<b>293</b>	10.0	08/10/2012	ND	191	95.5	200	0.752		
DRO >C10-C28	<b>2050</b>	10.0	08/10/2012	ND	192	96.1	200	3.08		

Surrogate 1-Chlorooctane 154 % 65 2-140

Surrogate 1-Chlorooctadecane 155 % 63 6-154

Cardinal Laboratories

\* = Accredited Analyte

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Caley D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 Yates Energy Petroleum Corp  
 AMANDA TRUJILLO  
 105 S 4th Street  
 Artesia NM, 88210  
 Fax To: (505) 748-4635

Received:	08/08/2012	Sampling Date:	08/07/2012
Reported:	08/13/2012	Sampling Type:	Soil
Project Name:	TEN MILE UNIT #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: NORTH - 5' (H201836-02)**

BTEX 8021B	mg/kg		Analyzed By: AP					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.137</b>	0.050	08/13/2012	ND	1.75	87.4	2.00	3.35	
<b>Toluene*</b>	<b>0.770</b>	0.150	08/13/2012	ND	1.99	99.7	2.00	3.71	
<b>Ethylbenzene*</b>	<b>0.569</b>	0.050	08/13/2012	ND	1.98	99.0	2.00	3.87	
<b>Total Xylenes*</b>	<b>2.07</b>	0.150	08/13/2012	ND	5.92	98.7	6.00	4.16	

Surrogate 4-Bromofluorobenzene (PIC) 141 % 89 4-126

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10</b>	<b>83.7</b>	10.0	08/10/2012	ND	191	95.5	200	0.752	
<b>DRO &gt;C10-C28</b>	<b>435</b>	10.0	08/10/2012	ND	192	96.1	200	3.08	

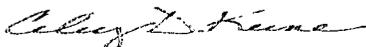
Surrogate 1-Chlorooctane 122 % 65 2-140

Surrogate 1-Chlorooctadecane 122 % 63.6-154

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 Yates Energy Petroleum Corp  
 AMANDA TRUJILLO  
 105 S 4th Street  
 Artesia NM, 88210  
 Fax To: (505) 748-4635

Received:	08/08/2012	Sampling Date:	08/07/2012
Reported:	08/13/2012	Sampling Type:	Soil
Project Name:	TEN MILE UNIT #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: NORTH - 7' (H201836-03)**

BTEX 8021B		mg/kg		Analyzed By: AP				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.064</b>	0.050	08/13/2012	ND	1.75	87.4	2.00	3.35	
<b>Toluene*</b>	<b>0.789</b>	0.150	08/13/2012	ND	1.99	99.7	2.00	3.71	
<b>Ethylbenzene*</b>	<b>0.842</b>	0.050	08/13/2012	ND	1.98	99.0	2.00	3.87	
<b>Total Xylenes*</b>	<b>2.37</b>	0.150	08/13/2012	ND	5.92	98.7	6.00	4.16	

Surrogate 4-Bromofluorobenzene (PIE) 151 % 89 4-126

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10</b>	<b>145</b>	10.0	08/10/2012	ND	191	95.5	200	0.752	
<b>DRO &gt;C10-C28</b>	<b>608</b>	10.0	08/10/2012	ND	192	96.1	200	3.08	

Surrogate 1-Chlorooctane 128 % 65 2-140

Surrogate 1-Chlorooctadecane 137 % 63 6-154

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 Yates Energy Petroleum Corp  
 AMANDA TRUJILLO  
 105 S 4th Street  
 Artesia NM, 88210  
 Fax To: (505) 748-4635

Received:	08/08/2012	Sampling Date:	08/07/2012
Reported:	08/13/2012	Sampling Type:	Soil
Project Name:	TEN MILE UNIT #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: NORTH - 9' (H201836-04)**

BTEX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2012	ND	1.75	87.4	2.00	3.35	
Toluene*	<b>0.323</b>	0.150	08/13/2012	ND	1.99	99.7	2.00	3.71	
Ethylbenzene*	<b>0.284</b>	0.050	08/13/2012	ND	1.98	99.0	2.00	3.87	
Total Xylenes*	<b>1.03</b>	0.150	08/13/2012	ND	5.92	98.7	6.00	4.16	

Surrogate 4-Bromofluorobenzene (PIC) 123 % 89 4-126

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<b>54.7</b>	10.0	08/10/2012	ND	191	95.5	200	0.752	
DRO >C10-C28	<b>264</b>	10.0	08/10/2012	ND	192	96.1	200	3.08	

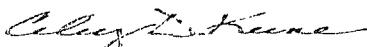
Surrogate 1-Chlorooctane 134 % 65 2-140

Surrogate 1-Chlorooctadecane 135 % 63 6-154

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 Yates Energy Petroleum Corp  
 AMANDA TRUJILLO  
 105 S 4th Street  
 Artesia NM, 88210  
 Fax To: (505) 748-4635

Received:	08/08/2012	Sampling Date:	08/07/2012
Reported:	08/13/2012	Sampling Type:	Soil
Project Name:	TEN MILE UNIT #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: NORTH - 11' (H201836-05)**

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/13/2012	ND	1.75	87.4	2.00	3.35		
Toluene*	<0.150	0.150	08/13/2012	ND	1.99	99.7	2.00	3.71		
Ethylbenzene*	<b>0.073</b>	0.050	08/13/2012	ND	1.98	99.0	2.00	3.87		
<b>Total Xylenes*</b>	<b>0.345</b>	0.150	08/13/2012	ND	5.92	98.7	6.00	4.16		

*Surrogate 4-Bromofluorobenzene (PIE)* 107 % 89 4-126

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	08/10/2012	ND	191	95.5	200	0.752		
<b>DRO &gt;C10-C28</b>	<b>51.2</b>	10.0	08/10/2012	ND	192	96.1	200	3.08		

*Surrogate 1-Chlorooctane* 125 % 65 2-140

*Surrogate 1-Chlorooctadecane* 126 % 63 6-154

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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 105 S 4th Street  
 Artesia NM, 88210  
 Fax To: (505) 748-4635

Received:	08/08/2012	Sampling Date:	08/07/2012
Reported:	08/13/2012	Sampling Type:	Soil
Project Name:	TEN MILE UNIT #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: NORTH - 13' (H201836-06)**

BTEX 8021B		mg/kg		Analyzed By: AP				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/13/2012	ND	1.75	87.4	2.00	3.35		
Toluene*	<0.150	0.150	08/13/2012	ND	1.99	99.7	2.00	3.71		
Ethylbenzene*	<0.050	0.050	08/13/2012	ND	1.98	99.0	2.00	3.87		
Total Xylenes*	<0.150	0.150	08/13/2012	ND	5.92	98.7	6.00	4.16		

Surrogate 4-Bromofluorobenzene (PIC) 101 % 89 4-126

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	08/10/2012	ND	191	95.5	200	0.752		
<b>DRO &gt;C10-C28</b>	<b>23.0</b>	10.0	08/10/2012	ND	192	96.1	200	3.08		

Surrogate 1-Chlorooctane 113 % 65 2-140

Surrogate 1-Chlorooctadecane 113 % 63 6-154

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Celey D. Keene, Lab Director/Quality Manager

**Notes and Definitions**

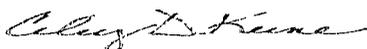
- S-04            The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- ND             Analyte NOT DETECTED at or above the reporting limit
- RPD            Relative Percent Difference
- \*\*             Samples not received at proper temperature 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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