

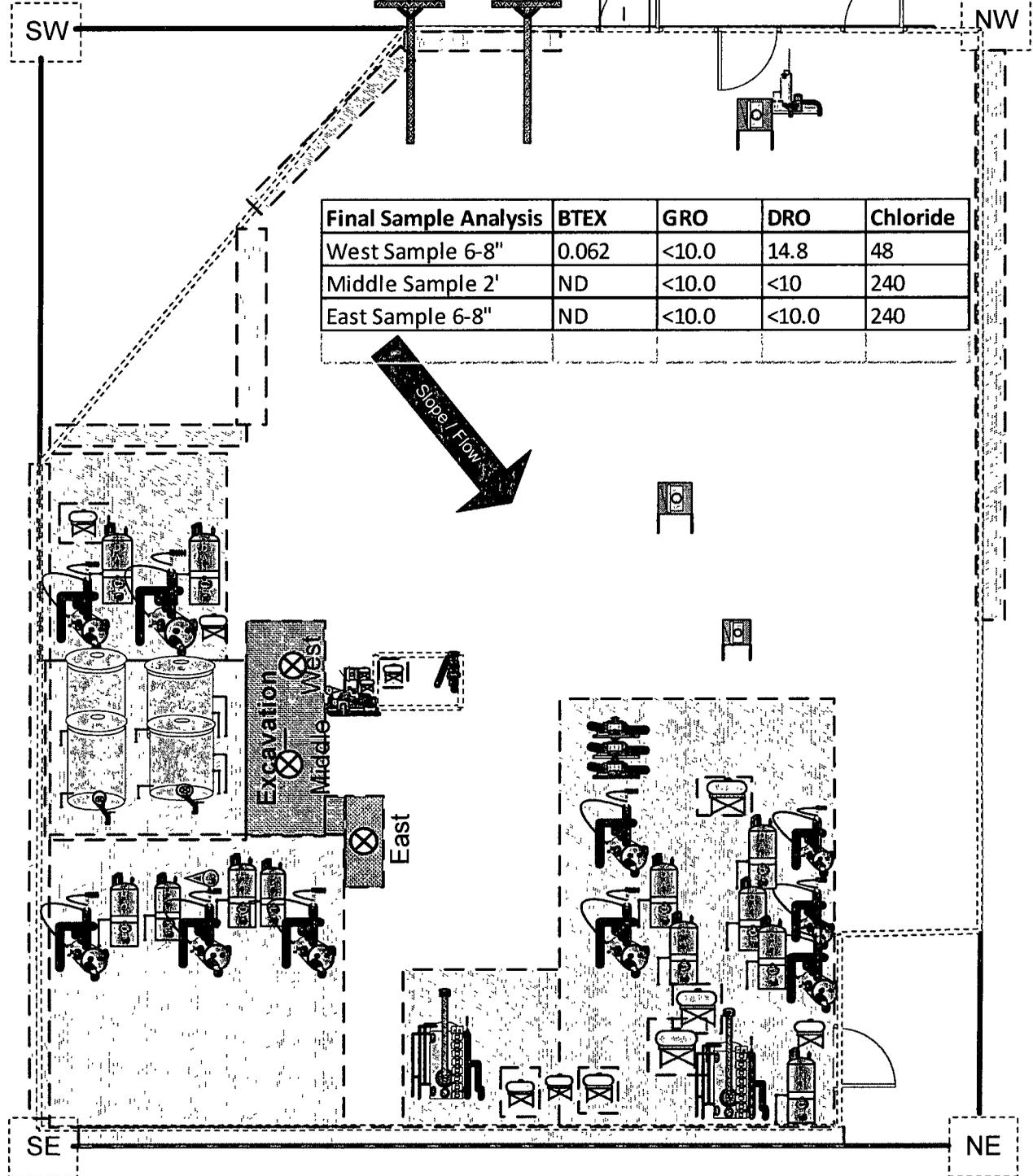
YATES PETROLEUM CORPORATION

Monday, November 05, 2012

ANEMONE ANE FEDERAL #2

API # 30-015-27928

27982





October 09, 2012

AMANDA TRUJILLO
Yates Energy Petroleum Corp
105 S 4th Street
Artesia, NM 88210

RE: ANENOME BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 10/01/12 16:30.

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.

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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 cursive script that reads "Celey D. Keene".

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:	10/01/2012	Sampling Date:	09/28/2012
Reported:	10/09/2012	Sampling Type:	Soil
Project Name:	ANENOME BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Amanda Ponce
Project Location:	SECTION 9 T22S R24E		

Sample ID: WEST SAMPLE (H202394-01)

BTX 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	10/04/2012	ND	1.99	99.4	2.00	6.80		
Toluene*	0.062	0.050	10/04/2012	ND	2.21	110	2.00	6.99		
Ethylbenzene*	<0.050	0.050	10/04/2012	ND	2.17	109	2.00	7.00		
Total Xylenes*	<0.150	0.150	10/04/2012	ND	6.79	113	6.00	6.48		

Surrogate 4-Bromofluorobenzene (PIE) 103 % 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	10/04/2012	ND	205	102	200	3.89		
DRO >C10-C28	14.8	10.0	10/04/2012	ND	201	101	200	7.92		

Surrogate 1-Chlorooctane 88 7 % 65 2-140

Surrogate 1-Chlorooctadecane 86 4 % 63 6-154

Cardinal Laboratories

* = Accredited Analyte

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Received:	10/01/2012	Sampling Date:	09/28/2012
Reported:	10/09/2012	Sampling Type:	Soil
Project Name:	ANENOME BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Amanda Ponce
Project Location:	SECTION 9 T22S R24E		

Sample ID: MIDDLE SAMPLE (H202394-02)

BTX 8021B		mg/kg		Analyzed By: AP					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	4.95	1.00	10/04/2012	ND	1.99	99.4	2.00	6.80		
Toluene*	82.8	1.00	10/04/2012	ND	2.21	110	2.00	6.99		
Ethylbenzene*	21.6	1.00	10/04/2012	ND	2.17	109	2.00	7.00		
Total Xylenes*	153	3.00	10/04/2012	ND	6.79	113	6.00	6.48		

Surrogate 4-Bromofluorobenzene (PIC) 127 % 89 4-126

TPH 8015M		mg/kg		Analyzed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	2570	50.0	10/04/2012	ND	205	102	200	3.89		
DRO >C10-C28	3250	50.0	10/04/2012	ND	201	101	200	7.92		

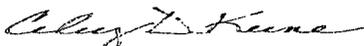
Surrogate 1-Chlorooctane 198 % 65 2-140

Surrogate 1-Chlorooctadecane 123 % 63 6-154

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Reported:	10/09/2012	Sampling Type:	Soil
Project Name:	ANENOME BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Amanda Ponce
Project Location:	SECTION 9 T22S R24E		

Sample ID: EAST SAMPLE (H202394-03)

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	10/06/2012	ND	2.17	109	2.00	1.56	
Toluene*	<0.050	0.050	10/06/2012	ND	1.97	98.3	2.00	1.36	
Ethylbenzene*	<0.050	0.050	10/06/2012	ND	1.95	97.7	2.00	0.863	
Total Xylenes*	<0.150	0.150	10/06/2012	ND	5.75	95.8	6.00	0.915	

Surrogate 4-Bromofluorobenzene (PIE) 105 % 89 4-126

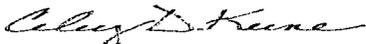
TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/04/2012	ND	205	102	200	3.89	
DRO >C10-C28	<10.0	10.0	10/04/2012	ND	201	101	200	7.92	

Surrogate 1-Chlorooctane 93.3 % 65 2-140
Surrogate 1-Chlorooctadecane 87.8 % 63 6-154

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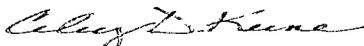
Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
- 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

Cardinal Laboratories

*=Accredited Analyte

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October 09, 2012

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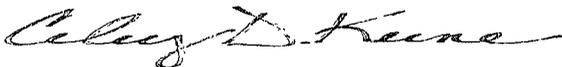
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Analytical Results For:

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

Received:	10/01/2012	Sampling Date:	09/28/2012
Reported:	10/09/2012	Sampling Type:	Soil
Project Name:	ANENOME BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Amanda Ponce
Project Location:	SECTION 9 T22S R24E		

Sample ID: WEST SAMPLE (H202394-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/05/2012	ND	400	100	400	0.00		

Sample ID: MIDDLE SAMPLE (H202394-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3600	16.0	10/05/2012	ND	400	100	400	0.00		

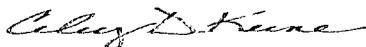
Sample ID: EAST SAMPLE (H202394-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	10/05/2012	ND	400	100	400	0.00		

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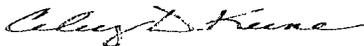
Notes and Definitions

- 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.
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Celey D. Keene, Lab Director/Quality Manager



October 31, 2012

AMANDA TRUJILLO

Yates Energy Petroleum Corp

105 S 4th Street

Artesia, NM 88210

RE: ANENOME BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 10/25/12 9:50.

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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:	10/25/2012	Sampling Date:	10/17/2012
Reported:	10/31/2012	Sampling Type:	Soil
Project Name:	ANENOME BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	SECTION 9 T22S R24E		

Sample ID: MIDDLE 2' (H202600-01)

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	10/30/2012	ND	2.25	113	2.00	16.1		
Toluene*	<0.050	0.050	10/30/2012	ND	2.49	124	2.00	17.3		
Ethylbenzene*	<0.050	0.050	10/30/2012	ND	2.48	124	2.00	17.4		
Total Xylenes*	<0.150	0.150	10/30/2012	ND	7.46	124	6.00	17.3		
Total BTEX	<0.300	0.300	10/30/2012	ND						

Surrogate 4-Bromofluorobenzene (PIE) 106 % 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	10/26/2012	ND	199	99.6	200	0.0954		
DRO >C10-C28	<10.0	10.0	10/26/2012	ND	218	109	200	2.13		

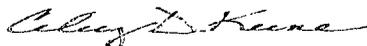
Surrogate 1-Chlorooctane 88.2 % 65.2-140

Surrogate 1-Chlorooctadecane 98.0 % 63.6-154

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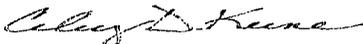
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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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 Fax To: (505) 748-4635

Received:	10/25/2012	Sampling Date:	10/17/2012
Reported:	10/31/2012	Sampling Type:	Soil
Project Name:	ANENOME BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	SECTION 9 T22S R24E		

Sample ID: MIDDLE 2' (H202600-01)

Chloride, SM4500Cl-B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	10/29/2012	ND	400	100	400	0.00	

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