

Amanda Trujillo

From: Amanda Trujillo
Sent: Thursday, March 10, 2011 3:34 PM
To: 'Bratcher, Mike, EMNRD'
Cc: Jerry Fanning; Amanda Trujillo
Subject: RE: Louise AYI #1

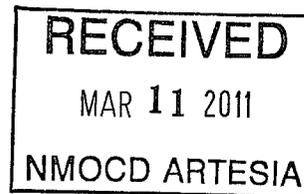
Mr. Bratcher,

As per our conversation, overall levels on the Louise are within range of the recommended actions levels set forth by the OCD *Guidelines for Remediation of Leaks, Spills and Releases*. The samples labeled "Middle" are out of range for a site ranking of twenty (20). However, samples taken in this area are surface samples due to extreme nature of the exposed bedrock. The soil gathered from this area is residual material left from the initial excavation, and there by representative of the removed contaminated material. Given the nature of the bedrock, heavy equipment was unable to pick up the residual material. Also, since it was the only samplable material, it is unfortunately more reflective of the removed contamination rather than what is actually present. The soil analysis also reveals the 1420 ppm of the 1453 TPH is Diesel Range Organics (DRO). Although, DROs take longer to degrade they are long chain hydrocarbons and are the least likely to migrate. It is our contention that the North sample area is reflective of the contamination left in place. This area has been excavated to four feet below the middle excavation; therefore I would consider this a delineation of the site. This location has been excavated to maximum extent as practicable. I would like to request closure based on the delineation of the North sampling area. All samples taken from 4 feet below the Middle sampling area in the sampling area designated "North" show contamination within range for a Site Ranking 20 Closure.

All supporting documents have been mailed to your office.

Thank you for your time.

Amanda N. Trujillo
 Environmental Scientist
 Yates Petroleum Corporation
 Office 575-748-4310
 Cell 575-703-6537
 Email atrujillo@yatespetroleum.com



-----Original Message-----

From: Amanda Trujillo
Sent: Wednesday, August 18, 2010 9:32 AM
To: 'Bratcher, Mike, EMNRD'
Cc: Jerry Fanning
Subject: Louise AYI #1

Mr. Mike Bratcher:

Yates Petroleum reports a release at the following location:

Louise AYI #1
 Sec. 25, Township 21 South, Range 26 East
 Eddy County
 Date of Release: 08/16/10
 Approximately 170 barrels of Condensate were released; 12 barrels recovered
 Cause of release has been isolated and repairs are in progress

3/10/2011

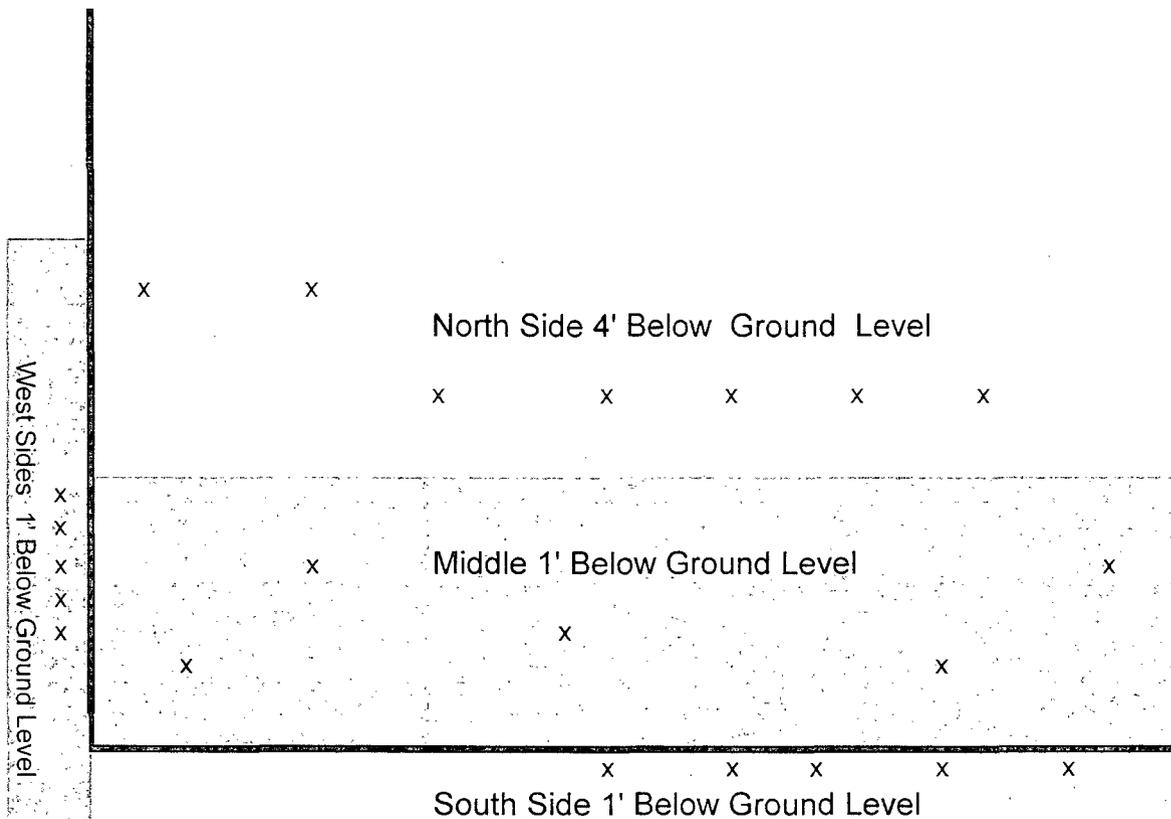
Site will be evaluated and a work plan for remediation will be submitted for consideration C-141 is attached.

If you should have any questions please feel free to contact me at the number below.

Amanda N. Trujillo
Environmental Scientist
Yates Petroleum Corporation
Office 575-748-4310
Cell 575-703-6537
Email atrujillo@yatespetroleum.com



Louise AYI #1
Sampling Diagram



	Benzene	BTEX	GRO	DRO	TPH
North Side	<0.050	0.255	2.56	117	120
Middle	<0.050	0.774	33.00	1420	1453
South Side	<0.050	0.468	<10.0	<10.0	<10.0
West Side	<0.050	0.469	<10.0	<10.0	<10.0
Stockpile	<0.100	71.55	3120	1640	4760

Summary Report

Amanda Trujillo
 Yates Petroleum Corp.
 105 South 4th South
 Artesia, NM 88210

Report Date: December 2, 2010

Work Order: 10113021



Project Location: Louise AYI #1
 Project Name: Louise AYI #1

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
251811	North Composite	soil	2010-11-18	12:00	2010-11-30
251812	Middle Composite	soil	2010-11-18	12:00	2010-11-30

Sample - Field Code	GRO	TPH DRO - NEW DRO (mg/Kg)	TPH GRO GRO (mg/Kg)
251811 - North Composite	2.56	117	2.56
251812 - Middle Composite	33.0	1420	33.0



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200 East Sunset Road, Suite E El Paso, Texas 79922 800•588•3443 915•585•3443 FAX 915•585•4944
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6015 Harris Parkway, Suite 110 Ft. Worth, Texas 76132 817•261•5260
E-Mail: lab@traceanalysis.com

Certifications

WBENC: 237019 HUB: 1752439743100-86536 DBE: VN 20657
NCTRCA WFWB38444Y0909

NELAP Certifications

Lubbock: T104704219-08-TX El Paso: T104704221-08-TX Midland: T104704392-08-TX
LELAP-02003 LELAP-02002
Kansas E-10317

Analytical and Quality Control Report

Amanda Trujillo
Yates Petroleum Corp.
105 South 4th South
Artesia, NM, 88210

Report Date: December 2, 2010

Work Order: 10113021



Project Location: Louise AYI #1
Project Name: Louise AYI #1
Project Number: Louise AYI #1

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
251811	North Composite	soil	2010-11-18	12:00	2010-11-30
251812	Middle Composite	soil	2010-11-18	12:00	2010-11-30

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 8 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Michael Abel

Dr. Blair Leftwich, Director
Dr. Michael Abel, Project Manager

Standard Flags

B - The sample contains less than ten times the concentration found in the method blank.

Case Narrative

Samples for project Louise AYI #1 were received by TraceAnalysis, Inc. on 2010-11-30 and assigned to work order 10113021. Samples for work order 10113021 were received intact at a temperature of 3.4 C.

Samples were analyzed for the following tests using their respective methods.

Test	Method	Prep Batch	Prep Date	QC Batch	Analysis Date
TPH DRO - NEW	S 8015 D	65001	2010-11-30 at 15:00	75774	2010-11-30 at 19:00
TPH GRO	S 8015 D	65012	2010-12-01 at 09:53	75790	2010-12-01 at 09:53

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 10113021 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 251811 - North Composite

Laboratory: Lubbock	Analytical Method: S 8015 D	Prep Method: N/A
Analysis: TPH DRO - NEW	Date Analyzed: 2010-11-30	Analyzed By: AW
QC Batch: 75774	Sample Preparation: 2010-11-30	Prepared By: AW
Prep Batch: 65001		

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		117	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Tricosane		107	mg/Kg	1	100	107	70 - 130

Sample: 251811 - North Composite

Laboratory: Lubbock	Analytical Method: S 8015 D	Prep Method: S 5035
Analysis: TPH GRO	Date Analyzed: 2010-12-01	Analyzed By: ER
QC Batch: 75790	Sample Preparation:	Prepared By: ER
Prep Batch: 65012		

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		2.56	mg/Kg	1	2.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		2.24	mg/Kg	1	2.00	112	85.2 - 112
4-Bromofluorobenzene (4-BFB)		2.16	mg/Kg	1	2.00	108	68.4 - 112

Sample: 251812 - Middle Composite

Laboratory: Lubbock	Analytical Method: S 8015 D	Prep Method: N/A
Analysis: TPH DRO - NEW	Date Analyzed: 2010-11-30	Analyzed By: AW
QC Batch: 75774	Sample Preparation: 2010-11-30	Prepared By: AW
Prep Batch: 65001		

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		1420	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Tricosane	¹	136	mg/Kg	1	100	136	70 - 130

Sample: 251812 - Middle Composite

Laboratory: Lubbock
 Analysis: TPH GRO Analytical Method: S 8015 D Prep Method: S 5035
 QC Batch: 75790 Date Analyzed: 2010-12-01 Analyzed By: ER
 Prep Batch: 65012 Sample Preparation: Prepared By: ER

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		33.0	mg/Kg	1	2.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		2.18	mg/Kg	1	2.00	109	85.2 - 112
4-Bromofluorobenzene (4-BFB)		2.19	mg/Kg	1	2.00	110	68.4 - 112

Method Blank (1) QC Batch: 75774

QC Batch: 75774 Date Analyzed: 2010-11-30 Analyzed By: AW
 Prep Batch: 65001 QC Preparation: 2010-11-30 Prepared By: AW

Parameter	Flag	MDL Result	Units	RL
DRO		10.6	mg/Kg	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Tricosane		111	mg/Kg	1	100	111	70 - 130

Method Blank (1) QC Batch: 75790

QC Batch: 75790 Date Analyzed: 2010-12-01 Analyzed By: ER
 Prep Batch: 65012 QC Preparation: 2010-12-01 Prepared By: ER

Parameter	Flag	MDL Result	Units	RL
GRO		<0.241	mg/Kg	2

¹High surrogate recovery due to peak interference.

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		2.15	mg/Kg	1	2.00	108	85.2 - 112
4-Bromofluorobenzene (4-BFB)		1.97	mg/Kg	1	2.00	98	68.4 - 112

Laboratory Control Spike (LCS-1)

QC Batch: 75774
 Prep Batch: 65001

Date Analyzed: 2010-11-30
 QC Preparation: 2010-11-30

Analyzed By: AW
 Prepared By: AW

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
DRO	264	mg/Kg	1	250	10.6	101	70 - 130

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
DRO	255	mg/Kg	1	250	10.6	98	70 - 130	4	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
n-Tricosane	116	113	mg/Kg	1	100	116	113	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 75790
 Prep Batch: 65012

Date Analyzed: 2010-12-01
 QC Preparation: 2010-12-01

Analyzed By: ER
 Prepared By: ER

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
GRO	20.3	mg/Kg	1	20.0	<0.241	102	70 - 130

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
GRO	21.0	mg/Kg	1	20.0	<0.241	105	70 - 130	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	2.01	2.04	mg/Kg	1	2.00	100	102	79.3 - 111
4-Bromofluorobenzene (4-BFB)	2.00	2.02	mg/Kg	1	2.00	100	101	70.2 - 119

Matrix Spike (MS-1) Spiked Sample: 251812

QC Batch: 75774 Date Analyzed: 2010-11-30 Analyzed By: AW
 Prep Batch: 65001 QC Preparation: 2010-11-30 Prepared By: AW

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
DRO	1690	mg/Kg	1	250	1420	108	70 - 130

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
DRO	1700	mg/Kg	1	250	1420	112	70 - 130	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
n-Tricosane ^{2 3}	134	134	mg/Kg	1	100	134	134	70 - 130

Matrix Spike (MS-1) Spiked Sample: 251809

QC Batch: 75790 Date Analyzed: 2010-12-01 Analyzed By: ER
 Prep Batch: 65012 QC Preparation: 2010-12-01 Prepared By: ER

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
GRO	32.7	mg/Kg	2	20.0	10.4	112	54.2 - 135

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
GRO	⁴ 37.7	mg/Kg	2	20.0	10.4	136	54.2 - 135	14	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	1.49	1.60	mg/Kg	2	2	74	80	63.8 - 126
4-Bromofluorobenzene (4-BFB)	1.71	2.74	mg/Kg	2	2	86	137	70.2 - 137

Standard (CCV-2)

QC Batch: 75774 Date Analyzed: 2010-11-30 Analyzed By: AW

²High surrogate recovery due to peak interference.

³High surrogate recovery due to peak interference.

⁴Matrix spike recovery out of control limits due to peak interference. Use LCS/LCSD to demonstrate analysis is under control.

10113021

TraceAnalysis, Inc.

5002 Basin Street, Suite E
Midland, Texas 79703
(432) 689 6301
Fax (432) 689-6313

email: lab@traceanalysis.com

Company Name: **Yates Petroleum Corporation** Phone #: **575-748-1471**

Address: (Street, City, Zip) **105 South Fourth Street, Artesia, NM 88210** Fax #: **575-748-4585**

Contact Person: **AMANDA TRUJILLO** E-mail: **atrujillo@yatespetroleum**

Invoice to: (If different from above)

Project #: Project Name: **Louise AYI #1**

Project Location: **Louise AYI #1** Sampler Signature:

ANALYSIS REQUEST

(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX				PRESERVATIVE METHOD					SAMPLING				
				WATER	SOIL	AIR	SLUDGE	HCL	HNO ₃	NaHSO ₄	H ₂ SO ₄	ICE	NONE	DATE	TIME		
25/8/11	North Composite	1		X													
8/12	Middle Composite	1		X													

MTBE 8021B/602	
BTEX 8021B/602	
TPH 418, 1/TX1005 / TX1005 Extended (C35)	
TPH 8015 GRO / DRO / TVHC	X
PAH 8270C	X
Total Metals Ag As Ba Cd Cr Pb Se Hg 60109/200.7	
TCLP Metals Ag As Ba Cd Cr Pb Se Hg	
TCLP Volatiles	
TCLP Semi Volatiles	
TCLP Pesticides	
RCI	
GC/MS Vol. 82609/624	
GC/MS Semi. Vol. 8270C/625	
PCB's 8082/608	
Pesticides 8081A/508	
BOD, TSS, pH	
Moisture Content	
Chlorides	
Turn Around Time if different from standard	
Hold	

Relinquished by: <i>A Trujillo</i> Company: Date: Time: Temp°c:	Received by: <i>Cross Fox Trace</i> Company: Date: <i>11-30-10</i> Time: <i>11:00</i> Temp°c: <i>35/34.2</i>
Relinquished by: Company: Date: Time: Temp°c:	Received by: Company: Date: Time: Temp°c:
Relinquished by: Company: Date: Time: Temp°c:	Received by: Company: Date: Time: Temp°c:

LAB USE ONLY

Intact: Y/N

Headspace: Y/N

Log-In Review:

Check If Special Reporting Limits Are Needed

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of COC

Carrier # UPS - 7964 9665 3580

November 04, 2010

AMANDA TRUJILLO

Yates Energy Petroleum Corp

105 S 4th Street

Artesia, NM 88210

RE: LOUSIE AYI #1

Enclosed are the results of analyses for samples received by the laboratory on 10/27/10 10:40.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

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 (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:	10/27/2010	Sampling Date:	10/26/2010
Reported:	11/04/2010	Sampling Type:	Soil
Project Name:	LOUSIE AYI #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LOUSIE AYI #1		

Sample ID: NORTH COMPOSITE (H021159-01)

BTEX 8021B		mg/kg		Analyzed By: cms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2010	ND	2.20	110	2.00		
Toluene*	0.079	0.050	11/02/2010	0.080	2.07	103	2.00		
Ethylbenzene*	<0.050	0.050	11/02/2010	ND	1.98	98.9	2.00		
Total Xylenes*	0.176	0.150	11/02/2010	ND	5.91	98.5	6.00		

Surrogate: 4-Bromofluorobenzene (PIL) 97.6 % 80-120

TPH 8015M		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/29/2010	ND	166	82.8	200	6.29	
DRO >C10-C28	182	10.0	10/29/2010	ND	187	93.4	200	6.33	

Surrogate: 1-Chlorooctane 115 % 70-130

Surrogate: 1-Chlorooctadecane 113 % 70-130

Cardinal Laboratories

*=Accredited Analyte

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 client for 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 thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	10/27/2010	Sampling Date:	10/26/2010
Reported:	11/04/2010	Sampling Type:	Soil
Project Name:	LOUSIE AYI #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LOUSIE AYI #1		

Sample ID: MIDDLE COMPOSITE (H021159-02)

BTEX 8021B		mg/kg		Analyzed By: cms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2010	ND	2.20	110	2.00		
Toluene*	0.092	0.050	11/02/2010	0.080	2.07	103	2.00		
Ethylbenzene*	0.112	0.050	11/02/2010	ND	1.98	98.9	2.00		
Total Xylenes*	0.570	0.150	11/02/2010	ND	5.91	98.5	6.00		

Surrogate: 4-Bromofluorobenzene (PIL) 100 % 80-120

TPH 8015M		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/29/2010	ND	166	82.8	200	6.29	
DRO >C10-C28	454	10.0	10/29/2010	ND	187	93.4	200	6.33	

Surrogate: 1-Chlorooctane 102 % 70-130

Surrogate: 1-Chlorooctadecane 97.5 % 70-130

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: 10/27/2010
 Reported: 11/04/2010
 Project Name: LOUSIE AYI #1
 Project Number: NONE GIVEN
 Project Location: LOUSIE AYI #1

Sampling Date: 10/26/2010
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SOUTH FENCE COMPOSITE (H021159-03)

BTEX 8021B		mg/kg		Analyzed By: cms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2010	ND	2.20	110	2.00		
Toluene*	0.069	0.050	11/03/2010	0.080	2.07	103	2.00		
Ethylbenzene*	0.145	0.050	11/03/2010	ND	1.98	98.9	2.00		
Total Xylenes*	0.254	0.150	11/03/2010	ND	5.91	98.5	6.00		

Surrogate: 4-Bromofluorobenzene (PIL) 109 % 80-120

TPH 8015M		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/29/2010	ND	166	82.8	200	6.29	
DRO >C10-C28	<10.0	10.0	10/29/2010	ND	187	93.4	200	6.33	

Surrogate: 1-Chlorooctane 104 % 70-130

Surrogate: 1-Chlorooctadecane 103 % 70-130



Analytical Results For:

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

Received:	10/27/2010	Sampling Date:	10/26/2010
Reported:	11/04/2010	Sampling Type:	Soil
Project Name:	LOUSIE AYI #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LOUSIE AYI #1		

West
Sample ID: EAST FENCE COMPOSITE (H021159-04)

BTEX 8021B		mg/kg		Analyzed By: cms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2010	ND	2.20	110	2.00		
Toluene*	0.075	0.050	11/04/2010	0.080	2.07	103	2.00		
Ethylbenzene*	0.101	0.050	11/04/2010	ND	1.98	98.9	2.00		
Total Xylenes*	0.293	0.150	11/04/2010	ND	5.91	98.5	6.00		

Surrogate: 4-Bromofluorobenzene (PIL) 91.8 % 80-120

TPH 8015M		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/29/2010	ND	166	82.8	200	6.29	
DRO >C10-C28	<10.0	10.0	10/29/2010	ND	187	93.4	200	6.33	

Surrogate: 1-Chlorooctane 93.6 % 70-130

Surrogate: 1-Chlorooctadecane 91.3 % 70-130

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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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