

Bratcher, Mike, EMNRD

From: Bratcher, Mike, EMNRD
Sent: Tuesday, August 30, 2011 3:20 PM
To: 'Bob Asher'
Cc: Jerry Fanning
Subject: RE: Mimosa Federal SWD #3-Y

Bob,

We probably need to discuss this one. The sample data from 4/11 compared to sample data from 8/15 shows sample point A has higher TPH values. It went from 169.5 mg/kg to 984 mg/kg. Sample point B has gone down some, but is still above RRAL closure limits for a 10 point site ranking.

Mike Bratcher

NMOCD District 2
811 S. First Street
Artesia, NM 88210
575-748-1283 Ext. 108
575-626-0857
mike.bratcher@state.nm.us

From: Bob Asher [<mailto:BobA@yatespetroleum.com>]
Sent: Monday, August 29, 2011 1:19 PM
To: Bratcher, Mike, EMNRD
Cc: Jerry Fanning
Subject: Mimosa Federal SWD #3-Y

Mike,

Attached are sampling results at the captioned location. Per the 4/15/2011 work plan, alternating application of Micro Blaze solution and nitrogen fertilizer with water has been applied; last application was of Micro Blaze and an application of fertilizer with water on August 9, 2011. I would like to request these results be accepted for closure.

If you have any questions, please call me.

Thank you.



Robert Asher
Senior Environmental Regulatory Agent

Yates Petroleum Corporation

575-748-4217 (Direct)

575-365-4021 (Cell)

boba@yatespetroleum.com

Bratcher, Mike, EMNRD

From: Bob Asher [BobA@yatespetroleum.com]
Sent: Monday, August 29, 2011 1:19 PM
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Subject: Mimosa Federal SWD #3-Y
Attachments: Mimosa Federal SWD #3-Y.pdf

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Thank you.



Robert Asher

Senior Environmental Regulatory Agent
Yates Petroleum Corporation
575-748-4217 (Direct)
575-365-4021 (Cell)
boba@yatespetroleum.com

Analytical Report 426016

for
Yates Petroleum Corporation

Project Manager: Robert Asher

Mimosa Federal SWD # 3 Y

30-015-29123

24-AUG-11

Collected By: Client



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12600 West I-20 East Odessa, Texas 79765

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Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102)

Xenco-Atlanta (EPA Lab Code: GA00046):

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Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)

Xenco Tucson (EPA Lab code: AZ000989): Arizona (AZ0758)



24-AUG-11

Project Manager: **Robert Asher**
Yates Petroleum Corporation
105 South Fourth St.
Artesia, NM 88210

Reference: XENCO Report No: **426016**
Mimosa Federal SWD # 3 Y
Project Address: Eddy County

Robert Asher:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 426016. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 426016 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Brent Barron II

Odessa Laboratory Manager

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Sample Cross Reference 426016



Yates Petroleum Corporation, Artesia, NM
Mimosa Federal SWD # 3 Y

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Comp-00.5 A	S	08-15-11 11:44	6 - 6 In	426016-001
Comp-00.5 B	S	08-15-11 11:55	6 - 6 In	426016-002



CASE NARRATIVE

Client Name: Yates Petroleum Corporation

Project Name: Mimosa Federal SWD # 3 Y



Project ID: 30-015-29123
Work Order Number: 426016

Report Date: 24-AUG-11
Date Received: 08/18/2011

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None



Certificate of Analysis Summary 426016

Yates Petroleum Corporation, Artesia, NM



Project Id: 30-015-29123

Contact: Robert Asher

Project Location: Eddy County

Project Name: Mimosa Federal SWD # 3 Y

Date Received in Lab: Thu Aug-18-11 09:20 am


Report Date: 24-AUG-11

Project Manager: Brent Barron II

Analysis Requested	Lab Id:	426016-001	426016-002				
	Field Id:	Comp-00.5 A	Comp-00.5 B				
	Depth:	6-6 In	6-6 In				
	Matrix:	SOIL	SOIL				
	Sampled:	Aug-15-11 11:44	Aug-15-11 11:55				
BTEX by EPA 8021B	Extracted:	Aug-23-11 11:00	Aug-23-11 11:00				
	Analyzed:	Aug-23-11 17:48	Aug-23-11 18:11				
	Units/RL:	mg/kg RL	mg/kg RL				
	Benzene	0.00307 0.00105	0.00114 0.00106				
	Toluene	ND 0.00211	0.00254 0.00212				
	Ethylbenzene	0.00178 0.00105	0.00107 0.00106				
	m_p-Xylenes	0.0199 0.00211	0.0147 0.00212				
	o-Xylene	0.00376 0.00105	0.00283 0.00106				
	Total Xylenes	0.0237 0.00105	0.0175 0.00106				
	Total BTEX	0.0285 0.00105	0.0223 0.00106				
Percent Moisture	Extracted:	Aug-18-11 12:55	Aug-18-11 12:55				
	Analyzed:						
	Units/RL:	% RL	% RL				
	Percent Moisture	4.59 1.00	6.15 1.00				
TPH By SW8015B Mod	Extracted:	Aug-23-11 08:15	Aug-23-11 08:15				
	Analyzed:	Aug-23-11 13:25	Aug-23-11 13:54				
	Units/RL:	mg/kg RL	mg/kg RL				
	C6-C10 Gasoline Range Hydrocarbons	ND 78.5	ND 79.8				
	C10-C28 Diesel Range Hydrocarbons	984 78.5	1290 79.8				
	Total TPH	984 78.5	1290 79.8				

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

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Brent Barron II
Odessa Laboratory Manager



Flagging Criteria

- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F** RPD exceeded lab control limits.
- J** The target analyte was positively identified below the quantitation limit and above the detection limit.
- U** Analyte was not detected.
- L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K** Sample analyzed outside of recommended hold time.
- JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **SQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

+ Outside XENCO's scope of NELAC Accreditation.

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(281) 240-4200	(281) 240-4280
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(813) 620-2000	(813) 620-2033
(305) 823-8500	(305) 823-8555
(432) 563-1800	(432) 563-1713
(770) 449-8800	(770) 449-5477
(602) 437-0330	

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

**12600 West I-20 East
Odessa, Texas 79765**

Phone: 432-563-1800
Fax: 432-563-1713

Project Manager: Robert Asher

Project Name: **Mimosa Federal SWD #3Y**

Company Name Yates Petroleum Corporation

Project #: 30-015-29123

Company Address: 105 South 4th Street

Project Loc: Eddy County

City/State/Zip: Artesia, NM 88210

PO #: 105632

Telephone No: 575-748-4217

Fax No: 575-748-4662

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

Sampler Signature:

e-mail: boba@yatespetroleum.com

[illegible]



XENCO Laboratories
Atlanta, Boca Raton, Corpus Christi, Dallas
Houston, Miami, Odessa, Philadelphia
Phoenix, San Antonio, Tampa

Document Title: Sample Receipt Checklist
Document No.: SYS-SRC
Revision/Date: No. 01, 5/27/2010
Effective Date: 6/1/2010 Page 1 of 1

Prelogin / Nonconformance Report - Sample Log-In

Client: Yates Petroleum
Date/Time: 8.13.11 9:20
Lab ID #: 426016
Initials: QE

Sample Receipt Checklist

1. Samples on ice?	Blue	<u>Water</u>	No	
2. Shipping container in good condition?	<u>Yes</u>	No	None	
3. Custody seals intact on shipping container (cooler) and bottles?	<u>Yes</u>	No	N/A	
4. Chain of Custody present?	<u>Yes</u>	No		
5. Sample instructions complete on chain of custody?	<u>Yes</u>	No		
6. Any missing / extra samples?	Yes	<u>No</u>		
7. Chain of custody signed when relinquished / received?	<u>Yes</u>	No		
8. Chain of custody agrees with sample label(s)?	<u>Yes</u>	No		
9. Container labels legible and intact?	<u>Yes</u>	No		
10. Sample matrix / properties agree with chain of custody?	<u>Yes</u>	No		
11. Samples in proper container / bottle?	<u>Yes</u>	No		
12. Samples properly preserved?	<u>Yes</u>	No	N/A	
13. Sample container intact?	<u>Yes</u>	No		
14. Sufficient sample amount for indicated test(s)?	<u>Yes</u>	No		
15. All samples received within sufficient hold time?	<u>Yes</u>	No		
16. Subcontract of sample(s)?	Yes	No	<u>N/A</u>	
17. VOC sample have zero head space?	<u>Yes</u>	No	N/A	
18. Cooler 1 No.	Cooler 2 No.	Cooler 3 No.	Cooler 4 No.	Cooler 5 No.
lbs <u>2.6</u> °C	lbs °C	lbs °C	lbs °C	lbs °C

Nonconformance Documentation

Contact: _____ Contacted by: _____ Date/Time: _____

Regarding: _____

Corrective Action Taken: _____

Check all that apply: ☐ Cooling process has begun shortly after sampling event and out of temperature condition acceptable by NELAC 5.5.8.3.1.a.1.
☐ Initial and Backup Temperature confirm out of temperature conditions
☐ Client understands and would like to proceed with analysis