Bratcher, Mike, EMNRD

From: Sent: To: Cc: Subject: Attachments: Amber Cannon [ACannon@yatespetroleum.com] Wednesday, March 21, 2012 12:02 PM Bratcher, Mike, EMNRD Bob Asher Hawkins GY Battery Workplan Hawkins GY Work Plan.pdf

Mike,

Please find attached a work plan for the Hawkins GY Battery (2RP-1016).

Should you have any questions or concerns do not hesitate to call or email.

Thanks,

Amber Cannon

Environmental Regulatory Agent Yates Petroleum Corporation Office: (575) 748-4111 Cell: (575)-513-8799 MARTIN YATES, II 1912-1985 FRANK W. YATES 1936-1986 S.P. YATES 1914-2008



JOHN A. YATES CHAIRMAN OF THE BOARD JOHN A. YATES JR. PREBIDENT SCOTT M. YATES VICE PRESIDENT JAMES S. BROWN CHIEF OPERATING OFFICER JOHN D. PERINI CHIEF FINANCIAL OFFICER JORGE S. MENDOZA CHIEF ADMINISTRATIVE OFFICER

105 SOUTH FOURTH STREET ARTESIA, NEW MEXICO 88210-2118 TELEPHONE (5751748-1471

March 21, 2012

Mr. Mike Bratcher NMOCD District II 811 South First Street Artesia, NM 88210

Re: Hawkins GY Battery 30-015-21940 Section 27, T18S-R26E Eddy County, New Mexico

Dear Mr. Bratcher:

Yates Petroleum Corporation is submitting the enclosed work plan for the above captioned well. The plan is being submitted in response to the C-141 report dated February 1, 2012.

If you have any questions call me at (575) 748-4111

Thank you.

YATES PETROLEUM CORPROATION

amber Cannon

Amber Cannon Environmental Regulatory Agent

Enclosure(s)

Yates Petroleum Corporation Hawkins GY Battery Work Plan Section 27, T18S-R26E Eddy County, New Mexico

March 21, 2012

I. Location

The well is located approximately 7 miles south of Artesia, NM and 1.5 miles east of Highway 285, as represented by the attached Lake McMillian North, NM, USGS Quadrangle Map.

II. Background

On February 1, 2012, Yates submitted to the NMOCD District II office a Form C-141 for a release of 7 B/PW & 8 MCF with 6 B/PW recovered. The total affected area is approximately 30 feet by 10 feet area Initial delineation samples were taken 2/1/2012 and sent to an NMOCD approved laboratory (2/13/2012 results enclosed).

III. Surface and Ground Water

Area surface geology is Cenozoic. The nearest groundwater of record is listed on the New Mexico Office of the State Engineer (Section 27, T18S-R26E) shows depth to groundwater approximately 85 feet making the site ranking for this site a ten (10). Watercourses in the area are dry except for infrequent flows in response to major precipitation events

The ranking for this site is ten (10) based on the as following:

Depth to ground water50-99'Wellhead Protection Area> 1000'Distance to surface water body> 1000'

IV. Soils

The area consists of soils that are caliche and interspersed with clay seams providing a low permeability barrier to retard vertical percolation of contaminants into the subsurface.

V. Scope of Work

Yates Petroleum Corporation has dug out four (4) feet of impacted soils. Two (2) feet of the impacted material were hauled off to an NMOCD approved facility. The other two feet has been stockpiled on location to be remediated to acceptable BTEX and TPH levels and reused. The stockpile is being turned over on a regular basis by a roustabout crew New samples will then be taken of the stockpile and further vertical delineation in the excavation and sent to an NMOCD approved laboratory, if analytical results are within the RRAL's for BTEX (50 ppm) and TPH (1000 ppm) for the Total Ranking Score of ten (10), then no further excavation work will be conducted and the stockpiled material will be reused to fill the excavation. If the RRAL's are above limits, additional impacted soils will be excavated and stockpiled on site for remediation. Delineation samples will again be taken. When analytical results are below the RRAL's, Yates Petroleum Corporation will submit a C-141, Final Report, analytical results and a site sample diagram and request closure of the site. Upon Final C-141 approval the excavation will be backfilled with clean, like materials.



Analytical Report 436243

for

Yates Petroleum Corporation

Project Manager: Amber Cannon

Hawkins GY Battery

30-015-21940

13-FEB-12

Collected By: Client



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12600 West I-20 East Odessa, Texas 79765

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Xenco-Atlanta (EPA Lab Code: GA00046): Florida (E87429), North Carolina (483), South Carolina (98015), Utah (AALI1), West Virginia (362), Kentucky (85) Louisiana (04176), USDA (P330-07-00105)

Xenco-Miami (EPA Lab code: FL01152): Florida (E86678), Maryland (330)
Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona (AZ0757)
Xenco-Tucson (EPA Lab code: AZ00989): Arizona (AZ0758)



13-FEB-12

Project Manager: Amber Cannon Yates Petroleum Corporation 105 South Fourth St. Artesia, NM 88210

Reference: XENCO Report No: 436243 Hawkins GY Battery Project Address: Eddy County

Amber Cannon:

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 436243. 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. 436243 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 436243

Yates Petroleum Corporation, Artesia, NM Hawkins GY Battery

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
B-3'	S	02-01-12 10:15	3 - 3 ft	436243-001
B-4'	S	02-01-12 10:20	4 - 4 ft	436243-002
SW-1	S	02-01-12 10:25	1 - 1 ft	436243-003

CASE NARRATIVE



Client Name: Yates Petroleum Corporation Project Name: Hawkins GY Battery



 Project ID:
 30-015-21940

 Work Order Number:
 436243

.

Report Date: 13-FEB-12 Date Received: 02/02/2012

Sample receipt non conformances and comments: None

Sample receipt non conformances and comments per sample:

None

Analytical non nonformances and comments:

Batch: LBA-881041 Anions by E300 RPD recovered outside QC limits between the sample and sample duplicate.



Project Id: 30-015-21940

Project Location: Eddy County

Contact: Amber Cannon

Certificate of Analysis Summary 436243

Yates Petroleum Corporation, Artesia, NM

Project Name: Hawkins GY Battery



Date Received in Lab: Thu Feb-02-12 11:55 am

Report Date: 13-FEB-12

Project Manager: Brent Barron II

	Lab Id:	436243-0	001	436243-0	002	436243-0	003		
Amalusia Beamested	Field Id:	B-3'	B-3'			SW-1			
Analysis Kequested	Depth:	3-3 ft		4-4 ft		1-1 ft			
	Matrix:	SOIL		SOIL		SOIL			
	Sampled:	Feb-01-12	Feb-01-12 10:15		Feb-01-12 10:20		10:25		
Anions by E300	Extracted:								
	Analyzed:	Feb-11-12	Feb-11-12 11:00		Feb-11-12 11:00		11:00		
	Units/RL:	mg/kg	RL	mg/kg	RL.	mg/kg	RL		
Chloride		34.6	1.02	19.5	1.02	19.5	0 978		
Percent Moisture	Extracted:								
	Analyzed: Feb-03-12 14:20 Feb-03-12 14:20 Units/RL: % RL % RL		14:20	Fcb-03-12	14:20	Feb-03-12	14:20		
			%	RL					
Percent Moisture		17.5	1.00	17.3	1.00	14.1	1.00		

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 beat judgment of XENCO Laborationes XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented Our fability is limited to the anionat involved for this work order unless etherwise agreed to in writing.

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Brent Barron II Odessa Laboratory Manager

Page 5 of 11



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 quantiation 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.
- * Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit	SDL Sample Detection Limit	LOD Limit of Detection
PQL Practical Quantitation Limit	MQL Method Quantitation Limit	LOQ Limit of Quantitation
DL Method Detection Limit		
NC Non-Calculable		
+ Outside XENCO's scope of NEL	AC Accreditation. ^ NELAC	or State program does not offer Accreditation at this time.

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Phone	Fax
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(210) 509-3334	(210) 509-3335
(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	

XENCO-Environmental Lab of Texas CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST 12500 West I-20 East Phone: 432-563-1800 Odessa, Texas 79765 Fax: 432-563-1713 Project Name: Hawkins GY Battery Project Manager: Amber Cannon Company Name Project #: 30-015-21940 Yates Petroleum Corporation Company Address: 105 South 4th Street Project Loc: Eddy County City/State/Zip: Artesia, NM 88210 PO #: 1032020 Report Format: X Slandard Telephone No: 575-748-4111 Fax No: 575-748-4585 I mil Sampler Signature: annon acannon@vatespetroleum.com e-mail: Analyze For: TCLP. (lab use only) TOTAL: ORDER #: 4310241 4422 Preservation & # of Containers Matrix å 8280 P 8 BTEX 8021B/5030 or BTEX cd Cr Pb Alkalinity) SL=Shudge S=Ecil/Sol ž only) $\widehat{\mathbf{T}}$ 3eginning Depth ź Sampled belded detals: As Ag Ba I AR / ESP / CEC 080 Ending Depth Mater - Groundwater å \$04. Other (Specify) 1005 fotel # of Cor RUSH TAT (lab eld Filtered Sam ő ថ្មី NB₂S₂O₃ V.O.R.M Chlarides HCI H₂SO₄ AB#(Time Date NaOH -NNO³ None 8 õ ŝ FIELD CODE \mathcal{O} 3' 3' 2/1/2012 10-15 AM х S X х Х B-3' 1 х SC 4' 10:20 AM s х 4' 2/1/2012 B-4' х х x 03 1' 1' 2/1/2012 10:25 AM Y s x SW-1 PLEASE PUT CHLORIDES ON SEPARATE REPORT Laboratory Comments: Special Instructions: TPH: 8015B, BTEX: 8021B & Chlorides. Please show BTEX results as mg/kg. Thank you. Sample Containers Intact (VOCs Free of Headspace? Date Dabels on contenents) Date Time Received by: Tane Relinguished by: Custody seals on container(s) Custody seals on cooter(s) 1 MA 02/01/12 3.31 PM a M MA Date Date Time Sample Hand Delivered 70 Ň Relinquished by. Time Received by: by Sampler/Client Rep. ? N Relinquished by. FECL by Courier? UPS DHL Fedex one Star Received by ELOT.

Date

2

·2.12

Time

5

emperature Upon Receipt

Date

Time



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:	ates	Petrol.	lum	
Date/Time:	່ <u>ງ</u>	2.12	11:55	-
Lab ID # :	436	241 /	430243	
Initials:		- BK.		

Sample Receipt Checklist

· · · · · · · · · · · · · · · · · · ·				-		
1. Samples on ice?			Blue	Water	No	
2. Shipping container in good condition?			Yes	No	None	
3. Custody seals intact on shipping container	(cooler) and bottles?		Tes	No	N/A	
4. Chain of Custody present?			Tes	No		
5. Sample instructions complete on chain of o		Yeb	No			
6. Any missing / extra samples?			Yes	(No)		
7. Chain of custody signed when relinquished	1 / received?		Yes	No		
8. Chain of custody agrees with sample label	(s)?		Yes	No		<u> </u>
9. Container labels legible and intact?	ـ و ــــــــــــــــــــــــــــــــــ	·	(Yes)	No		
10. Sample matrix / properties agree with cha	in of custody?		Yes	No		
11. Samples in proper container / bottle?	······································		Xes	No		
12. Samples properly preserved?			.Yes	No	N/A	
13. Sample container intact?	····		Yes	No		
14. Sufficient sample amount for indicated ter	st(s)?		(Yes)	No		
15. All samples received within sufficient hold	d time?		(Yes)	No		
16. Subcontract of sample(s)?	Yes	No	NA			
17. VOC sample have zero head space?		Yes	No	N/A		
18. Cooler 1 No. Cooler 2 No.	Cooler 3 No.		Cooler 4 No		Cooler 5 No.	
lbs 2.0 °c lbs	°C Ibs	°c	lbs	٩	bs	°C

Nonconformance Documentation

Contact:	Contacted by:	Date/Time:	
Regarding:			_
Corrective Action Tak	en:		_
			_
Check all that apply:	□Cooling process has begun shortly after sampli condition acceptable by NELAC 5.5.8.3.1. □Initial and Backup Temperature confirm out of t □Client understands and would like to proceed w	ing event and out of temperature a.1. emperature conditions rith analysis	

Analytical Report 436241

for

Yates Petroleum Corporation

Project Manager: Amber Cannon Hawkins GY Battery

30-015-21940

13-FEB-12

Collected By: Client



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Xenco-Atlanta (EPA Lab Code: GA00046): Florida (E87429), North Carolina (483), South Carolina (98015), Utah (AALI1), West Virginia (362), Kentucky (85) Louisiana (04176), USDA (P330-07-00105)

Xenco-Miami (EPA Lab code: FL01152): Florida (E86678), Maryland (330)
Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona (AZ0757)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZ0757)
Xenco Tucson (EPA Lab code: AZ000989): Arizona (AZ0758)



13-FEB-12



Project Manager: Amber Cannon Yates Petroleum Corporation 105 South Fourth St. Artesia, NM 88210

Reference: XENCO Report No: 436241 Hawkins GY Battery Project Address: Eddy County

Amber Cannon:

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 436241. 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.

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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 Odcssa Laboratory Manager

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Sample Cross Reference 436241

Yates Petroleum Corporation, Artesia, NM

Hawkins GY Battery

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
B-3'	S	02-01-12 10:15	3 - 3 ft	436241-001
B-4'	S	02-01-12 10:20	4 ~ 4 ft	436241-002
SW-1	S	02-01-12 10:25	1 - 1 ft	436241-003

CASE NARRATIVE



Client Name: Yates Petroleum Corporation Project Name: Hawkins GY Battery



 Project ID:
 30-015-21940

 Work Order Number:
 436241

Report Date: 13-FEB-12 Date Received: 02/02/2012

Sample receipt non conformances and comments: None

Sample receipt non conformances and comments per sample:

None

Analytical non nonformances and comments:

Batch: LBA-880592 BTEX by EPA 8021B SW8021BM

Batch 880592, 1,4-Difluorobenzene recovered below QC limits . Matrix interferences is suspected; data confirmed by re-analysis Samples affected are: 436241-003.

SW8021BM

Batch 880592, Benzene, Ethylbenzene, Toluene, m_p-Xylenes, o-Xylene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Samples affected are: 436241-001, -003. The Laboratory Control Sample for Toluene, Benzene, Ethylbenzene, m_p-Xylenes, o-Xylene is within laboratory Control Limits

Batch: LBA-880721 BTEX by EPA 8021B SW8021BM

Batch 880721, Benzene, Ethylbenzene, Toluene, m_p-Xylenes, o-Xylene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Samples affected are: 436241-002. The Laboratory Control Sample for Toluene, Benzene, Ethylbenzene, m_p-Xylenes, o-Xylene is within laboratory Control Limits

SW8021BM

Batch 880721, 1,4-Difluorobenzene recovered below QC limits . Matrix interferences is suspected; data confirmed by re-analysis Samples affected are: 436241-002. 4-Bromofluorobenzene recovered above QC limits . Matrix interferences is suspected; data confirmed by re-analysis Samples affected are: 436002-003 S,436002-003 SD. CASE NARRATIVE



Client Name: Yates Petroleum Corporation Project Name: Hawkins GY Battery



 Project ID:
 30-015-21940

 Work Order Number:
 436241

Report Date: 13-FEB-12 Date Received: 02/02/2012

Batch: LBA-881186 TPH By SW8015B Mod SW8015B_NM

Batch 881186, 1-Chlorooctane recovered above QC limits Data confirmed by re-analysis. Samples affected are: 436241-002. Batch 881186, 1-Chlorooctane recovered above QC limits Data not confirmed by re-analysis. Samples affected are: 617761-1-BSD,436241-002 S,436241-002 SD.

SW8015B_NM

Batch 881186, C6-C10 Gasoline Range Hydrocarbons recovered above QC limits in the Matrix Spike and Matrix Spike Duplicate. C10-C28 Diesel Range Hydrocarbons recovered above QC limits in the Matrix Spike Duplicate.

Samples affected are: 436241-001, -003, -002.

The Laboratory Control Sample for C10-C28 Diesel Range Hydrocarbons, C6-C10 Gasoline Range Hydrocarbons is within laboratory Control Limits



Project Id: 30-015-21940

Project Location: Eddy County

Contact: Amber Cannon

Certificate of Analysis Summary 436241

Yates Petroleum Corporation, Artesia, NM

Project Name: Hawkins GY Battery



Date Received in Lab: Thu Feb-02-12 11:55 am Report Date: 13-FEB-12

Project Manager: Brent Barron II

	Lab Id:	436241-0	001	436241-0	002	436241-	003			
Analysis Requested	Field Id:	B-3'		B4'		SW-1	l			
Analysis Requesieu	Depth:	3-3 ft		4-4 ft		1-1 fi	<u>l</u>			
	Matrix:	SOIL		SOIL		SOIL	.			
	Sampled:	Feb-01-12	10:15	Feb-01-12	10:20	Feb-01-12	10:25			
BTEX by EPA 8021B	Extracted:	Feb-03-12	15:00	Feb-07-12	09:54	Feb-03-12	15:00			
	Analyzed:	Feb-04-12	06:43	Feb-07-12	16:58	Feb-04-12	08:57			
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL			
Benzene		2.35	0.200	91.1	5.99	2.90	0 198			
Toluene		23.0	0.401	663	12.0	52.6	0.396			
Ethylbenzene		23.1	0.200	466	5.99	57.6	0.198			
in_p-Xylenes		32.3	0.401	624	12.0	77.6	0.396		4	
o-Xylene		11.2	0.200	198	5.99	27.5	0.198			
Total Xylenes		43.5	0.200	822	5.99	105	0.198			
Total BTEX		92.0	0.200	2040	5 99	218	0.198			
Percent Moisture	Extracted:									
	Analyzed:	Feb-03-12	09:00	Feb-03-12 (Feb-03-12 09:00		09:00			
	Units/RL:	%	RL	%	RL	%	RL			
Percent Moisture		17.5	1.00	17.3	1.00	14.1	1.00			
TPH By SW8015B Mod	Extracted:	Feb-09-12	15:00	Feb-09-12 /	15:00	Feb-09-12	15:00	1		
	Analyzed:	Feb-10-12	12:37	Feb-10-12 J	13 07	Feb-10-12	13:40			
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL			
C6-C10 Gasoline Range Hydrocarbons		1130	90.9	9520	90.8	1320	87.2			
C10-C28 Diesel Range Hydrocarbons		831	90.9	2020	90.8	529	87.2	 		
Total TPH		1960	90.9	11500	90.8	1850	87.2			

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JO OR

Brent Barron II Odessa Laboratory Manager

Page 6 of 19

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Laboratorics

Flagging Criteria

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- 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.
- * Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit, RL Reporting Limit

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

 PQL Practical Quantitation Limit
 MQL Method Quantitation Limit
 LOQ Limit of Quantitation

 DL Method Detection Limit
 MQL Method Quantitation Limit
 LOQ Limit of Quantitation

 DL Method Detection Limit
 MQL Method Quantitation Limit
 LOQ Limit of Quantitation

 DL Method Detection Limit
 MQL Method Quantitation
 LOQ Limit of Quantitation

 PL Method Detection Limit
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 PL Method Detection Limit
 MQL Method Quantitation
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 PL Method Detection Limit
 MQL Method Quantitation
 LOQ Limit of Quantitation

 PL Method Detection Limit
 MQL Method Quantitation
 LOQ Limit of Quantitation

 PL Method Detection Limit
 NON-Calculable
 NELAC or State program does not offer Accreditation at this time.

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5332 Blackberry Drive, San Antonio TX 78238	(210) 509-3334	(210) 509-3335
2505 North Falkenburg Rd, Tampa, FL 33619	(813) 620-2000	(813) 620-2033
5757 NW 158th St, Miami Lakes, FL 33014	(305) 823-8500	(305) 823-8555
12600 West 1-20 East, Odessa, TX 79765	(432) 563-1800	(432) 563-1713
6017 Financial Drive, Norcross, GA 30071	(770) 449-8800	(770) 449-5477
3725 E. Atlanta Ave, Phoenix, AZ 85040	(602) 437-0330	

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	City/State/Zip:	Artesia, NM	vrtesia, NM 88210																	Р	0 #:	103	3202	0								·····
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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:	ates Petrole	um
Date/Time:	2.2.12	11:55
Lab ID # :	436241	436243
Initials:	A	

Sample Receipt Checklist

1. Samples on ice?		Blue	Water	No	
2. Shipping container in good condition?		(Yes)	No	None	
3. Custody seals intact on shipping container (cooler) and bottles?		Tes	No	N/A	
4. Chain of Custody present?		Tes	No		
5. Sample instructions complete on chain of custody?		Yes	No		
6. Any missing / extra samples?		Yes	(No)		
7. Chain of custody signed when relinquished / received?		Yes	No		
8. Chain of custody agrees with sample label(s)?		Yes	No		
9. Container labels legible and intact?		Mes)	No		
10. Sample matrix / properties agree with chain of custody?		Yes	No		
11. Samples In proper container / bottle?		Xes	No		
12. Samples properly preserved?		Yes	No	N/A	
13. Sample container intact?		Yes	No		
14. Sufficient sample amount for indicated test(s)?		(Yes)	No		
15. All samples received within sufficient hold time?		Yes	No		
16. Subcontract of sample(s)?		Yes	No	NA	
17. VOC sample have zero head space?			No	N/A	
18. Cooler 1 No. Cooler 2 No. Cooler 3 No.		Cooler 4 No.		Cooler 5 No.	
lbs 2.0 °c ibs °C ibs	°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 at condition acceptable by NELAC	ter sampling event and out of temperature 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

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