MARTIN YATES, III

FRANK W. YATES

S.P YATES 1914-2008



105 SOUTH FOURTH STREET ARTESIA, NEW MEXICO 88210-2118 TELEPHONE (575) 748-1471 JOHN A. YATES CHAIRMAN OF THE BOARD

JOHN A. YATES JR. PRESIDENT

SCOTT M: YATES

JAMES S. BROWN CHIEF OPERATING OFFICER JOHN D. PERINI-CHIEF FINANCIAL OFFICER

JORGE S. MENDOZA

October 26, 2011

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

Re: Marathon Box Water Line 2RP-843 30-015-26916 Section 13, T21S-R23E Eddy County, New Mexico

Dear Mr. Bratcher,

Enclosed please find a Form C-141, Final Report for the above captioned site regarding the release on July 19 2011 (8 bbls of produced water with 2 bbls of produced water being recovered). The release was from the failure of O-rings on a valve on the water line. Vertical and horizontal samples were taken on 8/3/2011 and sent to an NMOCD approved laboratory for analysis. Results indicated BTEX & TPH above RRAL's for the 18" sample, a work plan was submitted and impacted soils were excavated to a depth of four (4) feet with all impacted soils taken to an approved laboratory, analytical results show TPH & BTEX below RRAL's for the site ranking of zero (0), (enclosed sample diagram and results). These analytical results have been accepted by the NMOCD for closure (10/25/2011). Yates Petroleum Corporation requests closure. The excavation area will be backfilled with clean soils to grade and contour of surrounding topography.

If you have any questions, please call me at 575-748-4217.

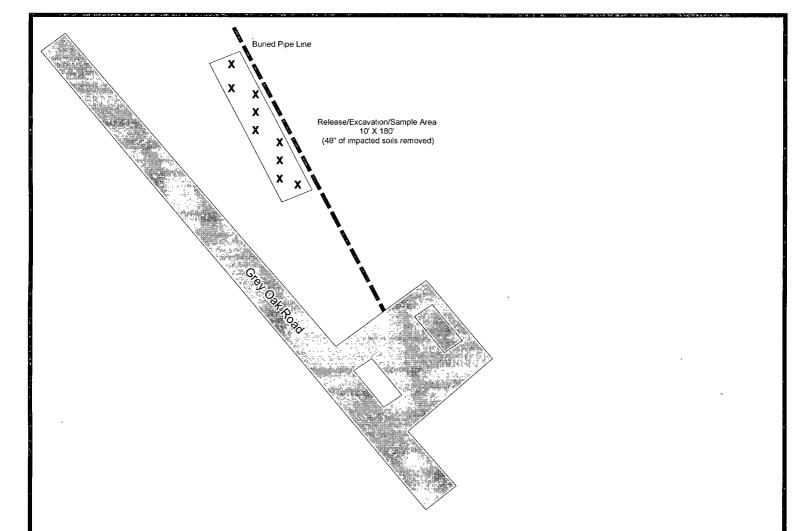
Thank you.

YATES PETROLEUM CORPORATION

Robert Asher Senior Environmental Regulatory Agent

/rca Enclosure(s)





Analytical Report- 425149 & 425150	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
Comp-00 5	Release Area	8/3/2011	Comp/Auger	6" (18" BSL)	11.6	503 0	2800.0	3303 0	893
Comp-01.0	Release Area	8/3/2011	Comp/Auger	12" (18" BSL)	14.9	647.0	2070.0	2717.0	637
Comp-01 5	Release Area	8/3/2011	Comp/Auger	18" (24" BSL)	152 0	2810.0	7110 0	9920 0	668
A total of four (4) fo	eet of impacte	d soils we	e excavated a	and taken to	an NMO	CD appr	oved fac	ility. (9/27/	2011)
Analytical Report- 429596	Sample Area	Sample Date	Sample Type	Depth	BTEX-	GRO	DRO	TOTAL	Chlorides
Comp-00 5	Release Area	10/10/2011	Comp/Auger	6" (4 5' BSL)	3.0	116.0	937 0	1053.0	

Site Ranking is Zero (0). Depth to Ground Water >100' (approx. 180', Section 23, T21S-R23E per NMOSE).

All results are ppm. X - Sample Points BLS - Below Surface Level

Released: 8 B/PW; Recovered: 2 B/PW. Release Date: 7/19/2011



Marathon Box Water Line

30-015-26916

Section13, T21S-R23E

Eddy County, NM

SAMPLE DIAGRAM(Not to Scale) Xenco Laboratories# 425149 & 425150 Report Date: 8/15/2011 Xenco Laboratories# 429596 Report Date: 10/24/2011 Prepared by Robert Asher Environmental Regulatory Agent

Analytical Report 429596

for Yates Petroleum Corporation

Project Manager: Robert Asher

Marathon Box Water Line

30-015-26916

24-OCT-11

Collected By: Client



Celebrating 20 Years of commitment to excellence in Environmental Testing Services



12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122): Texas (T104704215-10-6-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002) 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): Florida (E87429), North Carolina (483), South Carolina (98015), Utah (AAL11), 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: AZ00989): Arizona (AZ0758)



24-OCT-11



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

Reference: XENCO Report No: 429596 Marathon Box Water Line 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 429596. 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. 429596 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

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994. Certified and approved by numerous States and Agencies. A Small Business and Minority Status Company that delivers SERVICE and QUALITY Houston - Dallas - San Antonio - Austin - Tampa - Miami - Atlanta - Corpus Christi - Latin America





Yates Petroleum Corporation, Artesia, NM

Marathon Box Water Line

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Comp-00.5	S	10-10-11 10:44	6 - 6 In	429596-001



CASE NARRATIVE

Client Name: Yates Petroleum Corporation Project Name: Marathon Box Water Line



 Project ID:
 30-015-26916

 Work Order Number:
 429596

Report Date: 24-OCT-11 Date Received: 10/14/2011

Sample receipt non conformances and comments: None

Sample receipt non conformances and comments per sample:

None

Analytical non nonformances and comments:

Batch: LBA-872889 Percent Moisture RPD recovered outside QC limits between the sample and sample duplicate.

Batch: LBA-872976 BTEX by EPA 8021B SW8021BM

Batch 872976, Ethylbenzene, m_p-Xylenes, o-Xylene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Samples affected are: 429596-001. The Laboratory Control Sample for Ethylbenzene, m_p-Xylenes, o-Xylene is within laboratory Control Limits

SW8021BM

Batch 872976, 1,4-Difluorobenzene recovered below QC limits . Matrix interferences is suspected; data confirmed by re-analysis Samples affected are: 429596-001.



Project Id: 30-015-26916

Contact: Robert Asher

Project Location: Eddy County

Certificate of Analysis Summary 429596

Yates Petroleum Corporation, Artesia, NM



Project Name: Marathon Box Water Line

Date Received in Lab: Fri Oct-14-11 01:52 pm

Report Date: 24-OCT-11

Project Manager: Brent Barron II

	Lab Id:	429596-001				
Anglusis Deguested	Field Id:	Comp-00.5				
Analysis Requested	Depth:	6-6 In				
	Matrix:	SOLID				
	Sampled:	Oct-10-11 10:44				
BTEX by EPA 8021B	Extracted:	Oct-21-11 13:30		 		
	Analyzed:	Oct-21-11 19·36				
	Units/RL:	mg/kg RL				
Benzene		ND 0.0210				
Toluene		0 761 0 0419			-	
Ethylbenzene		0 523 0.0210				
m_p-Xylenes		0 839 0 0419				
o-Xylene		0.901 0.0210				
Total Xylenes		1 74 0 0210				
Total BTEX		3 02 0 0210				
Percent Moisture	Extracted:					
	Analyzed:	Oct-17-11 14:40				
	Units/RL:	% RL				
Percent Moisture		4.74 1 00	ĺ			
TPH By SW8015B Mod	Extracted:	Oct-19-11 13:45				
	Analyzed:	Oct-20-11 08:32				
	Units/RL:	mg/kg RL				
C6-C10 Gasoline Range Hydrocarbons		116 15.7				
C10-C28 Diesel Range Hydrocarbons		937 15.7				
Total TPH		1050 15.7				

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

Houston - Dallas - San Antonio - Atlanta - Tampa - Boca Raton - Latin America - Odessa - Corpus Christi

Brent Barron II Odessa Laboratory Manager

Final 1.000



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

NC Non-Calculable

+ Outside XENCO's scope of NELAC Accreditation.

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994. Certified and approved by numerous States and Agencies. A Small Business and Minority Status Company that delivers SERVICE and QUALITY Houston - Dallas - San Antonio - Atlanta - Midland/Odessa - Tampa/Lakeland - Miami - Phoenix - Latin America

4143 Greenbrar Dr, Stafford, Tx 77477 9701 Harry Hines Blvd, Dallas, TX 75220 5332 Blackberry Drive, San Antonio TX 78238 2505 North Falkenburg Rd, Tampa, FL 33619 5757 NW 158th St, Miami Lakes, FL 33014 12600 West I-20 East, Odessa, TX 79765 6017 Financial Drive, Norcross, GA 30071 3725 E Atlanta Ave, Phoenix, AZ 85040 Phone Fax (281) 240-4200 (281) 240-4280 (214) 902 0300 (214) 351-9139 (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

12600 West I-20 East Odessa, Texas 79765 Phone: 432-563-1800 Fax: 432-563-1713

	Project Manager:	Robert Asher														Pro	oject	Nan	ne: <u> </u>	lara	atho	on E	<u>30x</u>	w	ate	r Li	ne			
	Company Name	Yates Petroleum Cor	poration														Pro	oject	:#: <u>3</u>	0-01	5-26	<u> 916</u>								
	Company Address:	105 South 4th Street													_	F	Proje	ct Lo	oc: <u>E</u>	ddy (Count	y								
	City/State/Zip:	Artesia, NM 88210			<u></u>										_			PO	#: <u>1</u>	0563	2			<u>_</u>						
	Telephone No:	575-748-4217	<u> </u>			Fax No:		575-	-748	-4662	2				_ 1	Repor	t For	mat	- E	Sta	andar	rdi	Ε]ı	RRF	>		NPDE	S	
	Sampler Signature:	(200)		0		e-mail:			bo	ba@)yate	spet	role	um.co	om															
(lab use ORDEF	- UN UGU	76	ŬŬ	-				,	<u> </u>			# - 64				An An Ive				TCLP		nalyze		r:		T	Π	77 hrs		
ORDEI	<u>I</u>	/ *		1		~ <u></u>		r+	— Pi	reserv	ation 8	# of (Conta	iners	N	latrix	8015B	90			Hg Se			8260				1 24 AB	h	
LAB # (lab use only)	FIEL	.D CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Fittered	fotal # of Containers	lce	HN03	H2SO4	NaOH	Na ₂ S ₂ O ₁	None Other (Specify)	DW=Drinking Water SL=Sludge	GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	TPH 418 1 8015M	TPH. TX 1005 TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SU4, Alkalinity) SAR / ESP / CEC	Metals As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N O K M Chlorides		DIICH TAT IDra Crhadula	KUSH IAI (Pre-Schooule) 24, 45, 72 ms Standard TAT	
01	Con	np-00.5	6"	6"	10/10/2011	10:44 AM		1	x							S	x]	\square	\downarrow	x	_	+-	╇┥	╶╊	X	
								┝╼┨	+		+		-	_			$\left \right $	_		_	+	┝─┼	-+	_	╉	╀	┼╌┥	-	╾╂╾┥	l
																							-		1	Í			\bot	
							į –			_			_	_				_	_	1		\square	_	-	_		┾╌┦	_	+-	ł
									+		+-		\dashv	┿	╀				-+	┿	+	$\left - \right $	\rightarrow	+	+	+-	╉┥	-	╀	
				<u> </u>					\neg				\rightarrow	+					-		+	$\left \right $							1	
																						П	\square	_	_					ł
								-+	+	+	+			+	┢		$\left - \right $		+			┝─┥	+	+	-	╉	┿	┝╌╂		
		· · · · · · · · · · · · · · · · · · ·							4		+			+							-								1	
														_	-		-		_	_	_		_	_	-+	+	+-	┝╌┠	+	-
Special In	astructions:	TPH: 8015B	& BTEX:	8021B	Only. Pleas	e show BTE>	(re	sults	as	mg/	(g. 1	[[han	k yo	u.	1			-	Labo	rato	y Co	omme	ents							-
Relinquish	ed by	Date			Received by.					3.					ate		Time		Samj VOC	ole C s Fre	ontai e of l	ners Head	Intac space	ct? ce?	(dar)	第二章	880	164 8 1 1259	NX N NX N	5/5
Robert Ast	her RCALUP	10/13/ Date		BAM		est							1	0	3	<u>n 1</u>	14	N	Custo Custo	odys odys	eals (on co	ontaii ioler	ner((s)	s) 3	القرم المراجع المراجع الأشراع مالي الأ	0000	και <u>ε</u> ί η Έλ	N N∕R≦ N	
					Received by									U	ate		Time					Delive Slien		~	JHL		ed Ex	Lone	N e Star	
Relinquishe	ed by.	Date			Received by ELC	tern	2	<u>~</u>	Ĺ)				0]	ate	111	۰ 5	2	Tem	berati	O are U	Zilien Zipon I	Reci	eigt:	• 		3.(\sim	°C	-



1 1

٠, ٠

.

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: $V G t C S$	
Date/Time: 10/14/11 13:52	
Lab ID #: 429596	
Initials: A H	_

Sample Receipt Checklist

			the second s	
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?	(Yes)	No	N/A	
4. Chain of Custody present?	Yes	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?	Yes	No		
10. Sample matrix / properties agree with chain of custody?	(Yes)	No -		
11. Samples in proper container / bottle?	Yes	No		
12. Samples properly preserved?	Yes	No	N/A	
13. Sample container intact?	(Yes)	No		
14. Sufficient sample amount for indicated test(s)?	Ves	No		
15. All samples received within sufficient hold time?	(Yes)	No		
16. Subcontract of sample(s)?	Yes	No	(N/A)	
17. VOC sample have zero head space?	Yes	No	N/A	
18. Cooler 1 No. Cooler 2 No. Cooler 3 No.	Cooler 4 N	0.	Cooler 5 No.	
lbs 3 °C lbs °C lbs °	°C lbs	°C	Ibs	°C

Nonconformance Documentation

Contact	Contacted by:	Date/Time:	
Regarding:			
Corrective Action Take	n:		
	•		· .

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

Analytical Report 425149

for Yates Petroleum Corporation

Project Manager: Robert Asher

Marathon Box Water Line

30-015-26916

15-AUG-11

Collected By: Client



Celebrating 20 Years of commitment to excellence in Environmental Testing Services



12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122): Texas (T104704215-10-6-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002) 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): Florida (E87429), North Carolina (483), South Carolina (98015), Utah (AALII), 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: AZ000989): Arizona (AZ0758)



15-AUG-11

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

Reference: XENCO Report No: **425149 Marathon Box Water Line** 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 425149. 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. 425149 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

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994. Certified and approved by numerous States and Agencies. A Small Business and Minority Status Company that delivers SERVICE and QUALITY Houston - Dallas - San Antonio - Austin - Tampa - Miami - Atlanta - Corpus Christi - Latin America







Sample Cross Reference 425149

Yates Petroleum Corporation, Artesia, NM

Marathon Box Water Line

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Comp-00.5	S	08-03-11 10:24	6 - 6 In	425149-001
Comp-01.0	S	08-03-11 10:41	12 - 12 In	425149-002
Comp-01.5	S	08-03-11 10:57	18 - 18 In	425149-003



CASE NARRATIVE

Client Name: Yates Petroleum Corporation Project Name: Marathon Box Water Line



 Project ID:
 30-015-26916

 Work Order Number:
 425149

Report Date: 15-AUG-11 Date Received: 08/05/2011

Sample receipt non conformances and comments: None

Sample receipt non conformances and comments per sample:

None

Analytical non nonformances and comments:

Batch: LBA-867107 BTEX by EPA 8021B SW8021BM

Batch 867107, o-Xylene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Benzene, Ethylbenzene, Toluene, m_p-Xylenes recovered below QC limits in the Matrix Spike Duplicate.

Samples affected are: 425149-003, -001, -002.

The Laboratory Control Sample for Toluene, Benzene, o-Xylene, Ethylbenzene, m_p-Xylenes is within laboratory Control Limits

SW8021BM

Batch 867107, 4-Bromofluorobenzene recovered above QC limits . Matrix interferences is suspected; data confirmed by re-analysis Samples affected are: 425149-003,425149-002.



Project Id: 30-015-26916

Contact: Robert Asher

Project Location: Eddy County

Certificate of Analysis Summary 425149

Yates Petroleum Corporation, Artesia, NM

Project Name: Marathon Box Water Line



Date Received in Lab: Fri Aug-05-11 09:20 am

Report Date: 15-AUG-11

Report Date.	15 1100 11
Project Manager:	Brent Barron II

	,,							Troject manager.	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·
	Lab Id:	425149-()01 ·	425149-0	02	425149-0	003			
Analysis Requested	Field Id:	Comp-00).5	Comp-01	0	Comp-01	.5			
Analysis Requested	Depth:	6-6 ln		12-12 li	n	18-18 li	n			
	Matrix:	SOIL		SOIL		SOIL				
	Sampled:	Aug-03-11	10.24	Aug-03-11	10.41	Aug-03-11	10.57			
BTEX by EPA 8021B	Extracted:	Aug-11-11	10 40	Aug-11-11	10 40	Aug-11-11	10.40			
	Analyzed:	Aug-11-11	16 09	Aug-11-11	17.15	Aug-12-11	10.38			
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL			
Benzene		ND	0 279	0 238	0.112	1 60	1 12			
Toluene		2 30	0.558	2.46	0.224	34.2	2.25			
Ethylbenzene		0 675	0.279	0 811	0.112	6.72	1.12			
m_p-Xylenes		6.44	0.558	6.74	0 224	87 6	2.25			
o-Xylene		2.15	0.279	4.69	0 112	22 3	1.12			
Total Xylenes		8.59	0.279	11.4	0 1 1 2	110	1.12			
Total BTEX		11.6	0 279	14.9	0.112	152	1.12			
Percent Moisture	Extracted:									
ļ	Analyzed:	Aug-05-11	13.00	Aug-05-11	13.00	Aug-05-11	13 00			
	Units/RL:	%	RL	%	RL	%	RL			
Percent Moisture		11.1	1 00	11.0	1.00	112	1.00			
TPH By SW8015B Mod	Extracted:	Aug-05-11	11 30	Aug-05-11	11.30	Aug-05-11	11.30			
	Analyzed: Aug-05-11 16 17 Aug-05-11 16:46		16:46	Aug-05-11	17.14					
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL			
C6-C10 Gasoline Range Hydrocarbons		503	83.9	647	169	2810	338			
C10-C28 Diesel Range Hydrocarbons		2800	83 9	2070	169	7110	338			
Total TPH		3300	83 9	2720	169	9920	338			

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 hability is limited to the aniount invoiced for this work order unless otherwise agreed to in writing

Houston - Dallas - San Antonio - Atlanta - Tampa - Boca Raton - Latin America - Odessa - Corpus Christi

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	MQL Method Quantitation Limit	LOQ Limit of Quantitation				

DL Method Detection Limit

NC Non-Calculable

+ Outside XENCO's scope of NELAC Accreditation.

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.

Certified and approved by numerous States and Agencies.

A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - San Antonio - Atlanta - Midland/Odessa - Tampa/Lakeland - Miami - Phoenix - Latin America

4143 Greenbriar Dr, Stafford, Tx 77477 9701 Harry Hines Blvd, Dallas, TX 75220 5332 Blackberry Drive, San Antonio TX 78238 2505 North Falkenburg Rd, Tampa, FL 33619 5757 NW 158th St, Miami Lakes, FL 33014 12600 West 1-20 East, Odessa, TX 79765 6017 Financial Drive, Norcross, GA 30071 3725 E. Atlanta Ave, Phoenix, AZ 85040 Phone Fax (281) 240-4200 (281) 240-4280 (214) 902 0300 (214) 351-9139 (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

XE	NCO-Enviro	onmenta	al Lai	b o	f Texa	S						st I-3	20 E			STO	DDY	RE	cor	RD A	ANC		Pho	.YS/ one: ix:	432-	-563	-180	00				
	Project Manager: R	obert Asher			· <u> </u>	···				_						_	Ρ	roje	ct N	ame	: <u>M</u>	ara	th	on l	Boy	<u>«</u> W	ate	er L	ine	!		
	Company Name Yates Petroleum Company Address: 105 South 4th S City/State/Zip: Artesia, NM 88 Telephone No: 575-748-4217 Sampler Signature: Image: Company State 2000 Company 88		poration															F	Proje	ect #	: 30	-01	5-2(6916	3							
	Company Address: 10	5 South 4th Street													_			Pro	ject	Loc	: <u>Ed</u>	dy C	oun	ty								
	City/State/Zip: A	tesia, NM_88210																	F	PO #:	: 10	5632	!									
		25-748-4217				_ Fax No: e-mail:		575		8-46	~	ates		role	um.c	 0m	Repo	ort F	orm	at:	x] Sta	nda	rd	۵]T	「RRI	Ρ	С]NPI	DES	
		- Jul									<u>e</u> ,							F					Ar	nalyze	e For	r:					Π	
(lab use	i.	C1 25/50						I		Dress			# of (Contai	_		Matrix	╞							_						48, 72 hrs	
CINDER		$\omega \omega$		T	1	}		Π	┢╴	Prese	ervad		# 01 0	Jontai		╈		Po 188	1006				Hg Se			(B260					2	-
LAB # (tab use oniy)	FIELD	CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	cield Filtered	otel #. of Containers	ice	HNO ₃	Ę	H ₂ SO4	NaOH	Na ₂ S ₂ O ₃	None Other (Snerthu)	DW=Drinking Water SL=Sludge	GW = Groundwater S≃Soil/Soild	NPENOI-POISDIG Specify Ulher TDH 418 1 2015M	TX 1005 TX	ns (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semvolatiles	BTEX 80218/5030 or BTEX 8260	RCI	N O.R.M. Chiorides			re-Schedule)	Ctandard TAT
001	Comp		<u>6</u> "	6"	8/3/2011	10.24 AM	Ē		×	†	-		-	-	+		S	<u> </u>	هنطيعك			ő	2			x	ť	2 0 X		┝╌┨		ý
002	Comp		12"	12"	8/3/2011	10:41 AM			X								S	1,						\square		x	1	X				<u>`</u>
003	Comp	-01 5	18"	18"	8/3/2011	10:57 AM		1	x								S)	(<u> </u>						;	x		X				2
																		╁						\vdash	\pm	+	+		\perp			_
											-				-	1		╀	-							_	+		-	┝╌┨		
													-	-+		┢		╀	╉	┼─				\vdash	+	╉	╉	+	+	┝┤		
																		1							\mp	1	╪	1				_
										_				-	+-			┢	+-	┨				-+	+	+	╇	+-	+		-	
	PLEASE PUT	CHLORIDES												_		L		╉╸						-+ 		+	+	+-			_	
Special I	ON SEPARAT	and a second sec	BTEX	021B	& Chlorides.	Please show		EX	res		2.99	mo	<u> </u>	The	ank v					Lat	l	torv	Co	mme	nts:	⊥						_
			, DIEX. 0		a onioriaes.			<u> </u>			, 40	nig.	Ng.			<u>.</u>				Sar	npie	Cor	ntain	ners li leads	ntact	!?		\subset	P	6		r
Relinquist Robert As	sher RCA (1AR	Dat 08/04	/11 2 2	me 4 PM	Received by										_	ate		Tin	ne	Cus	stody stody	y sea y sea	nis o Nis o	iner(s on cor on coc	ntaini oler(s)	Ç	10999/9	1 1 1	A Z Z Z Z	
Relinquist Relinquist	hed by	Dat		me	Received by.	07										ate ate		Tim Tim		J	by S by C	Samp Couri	er?		Rep JPS	Dł	HL	ر Fe		1	N	r
	A Ex_				Received by EL	lundod	L							e	8-5		C	i: 2		Ter	nper	atur	e Øp	ič (bon R		pt:			(/. ·	°C	

-

بالمحمد والمروو والمروو والمراجع والمراجع والمراجع



XENCO Laboratories Atlanta, Boca Ration, Corpus Christi, Dallas

Houston, Miami, Odessa, Philadelphia

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

Phoenix, San Antonio, Tampa

Prelogin / Nonconformance Report - Sample Log-In

Client	Vates
Date/Time:	8-5-11 9-20
Lab ID # :	425149/425150-01
initials:	XU.

Sample Receipt Checklist

1. Samples on ice?	Blue	Water	No	
2. Shipping container in good condition?	fes	No	None	
3. Custody seals intact on shipping container (cooler) and bottles?	Yes	No	NA	les -
4. Chain of Custody present?	Yes	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?	Yes	No		
10. Sample matrix / properties agree with chain of custody?	Yes	No		
11. Samples in proper container / bottle?	Yes	No		<u> </u>
12. Samples property 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	N/A	
17. VOC sample have zero head space?	Yes	No	N/A	
18. Cooler 1 No. Cooler 2 No. Cooler 3 No.	Cooler 4 N	ю.	Cooler 5 No	•
ibs /o °C ibs °C ibs	°C lbs	s °C	: Ibs	°C

Nonconformance Documentation

Contact:	Contacted by:	Date/Time:
Regarding:		
Corrective Action Tak	en:	
		· ·
Check all that apply:	Cooling process has begun shortly condition acceptable by NEL	after sampling event and out of temperature
	Dinitial and Backup Temperature cor	
· .	Client understands and would like	o proceed with analysis

Analytical Report 425150

for Yates Petroleum Corporation

Project Manager: Robert Asher

Marathon Box Water Line

30-015-26916

15-AUG-11

Collected By: Client



Celebrating 20 Years of commitment to excellence in Environmental Testing Services



12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122): Texas (T104704215-10-6-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002) 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): 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: AZ00989): Arizona (AZ0758)



15-AUG-11

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

Reference: XENCO Report No: 425150 Marathon Box Water Line 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 425150. 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. 425150 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

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994. Certified and approved by numerous States and Agencies. A Small Business and Minority Status Company that delivers SERVICE and QUALITY Houston - Dallas - San Antonio - Austin - Tampa - Miami - Atlanta - Corpus Christi - Latin America





Sample Cross Reference 425150

Yates Petroleum Corporation, Artesia, NM

Marathon Box Water Line

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Comp-00.5	S	08-03-11 10:24	6 - 6 In	425150-001
Comp-01.0	S	08-03-11 10:41	12 - 12 In	425150-002
Comp-01.5	S	08-03-11 10:57	18 - 18 In	425150-003



CASE NARRATIVE

Client Name: Yates Petroleum Corporation Project Name: Marathon Box Water Line



 Project ID:
 30-015-26916

 Work Order Number:
 425150

Report Date: 15-AUG-11 Date Received: 08/05/2011

Sample receipt non conformances and comments: None

Sample receipt non conformances and comments per sample:

None

Analytical non nonformances and comments:

Batch: LBA-866920 Inorganic Anions by EPA 300/300.1 E300

Batch 866920, Chloride recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate.

Samples affected are: 425150-003, -001, -002.

The Laboratory Control Sample for Chloride is within laboratory Control Limits



Project Id: 30-015-26916

Certificate of Analysis Summary 425150

Yates Petroleum Corporation, Artesia, NM

Project Name: Marathon Box Water Line



Date Received in Lab: Fri Aug-05-11 09:20 am

Contact: Robert Asher Project Location: Eddy County

Report Date: 15-AUG-11 Project Manager: Brent Barron II

								Project Manager:	Dient Darion II	
	Lab Id:	425150-0	001	425150-0	002	425150-0	03			
Analysis Requested	Field Id:	Comp-0	05	Comp-01	1.0	Comp-01	.5			
Analysis Requested	Depth:	6-6 In	.	12-12 In		18-18 In				
	Matrix:	SOIL		SOIL		SOIL				
	Sampled:	Aug-03-11	10 24	Aug-03-11	10.41	Aug-03-11	10 57			
Inorganic Anions by EPA 300/300.1	Extracted:	Aug-10-11	11.06	Aug-10-11	11 06	Aug-10-11	11.06			
SUB: T104704215-TX	Analyzed:	Aug-10-11	16.37	Aug-10-11	16 55	Aug-10-11	17.49			
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL			
Chloride		893	5.62	637	5 62	668	5.63			
Percent Moisture	Extracted:									
	Analyzed:	Aug-05-11	13.00	Aug-05-11	13 00	Aug-05-11	13.00			
	Units/RL:	%	RL	%	RL	%	RL			
Percent Moisture		11.1	1 00	11.0	1.00	11 2	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 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

Houston - Dallas - San Antonio - Atlanta - Tampa - Boca Raton - Latin America - Odessa - Corpus Christi

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	MQL Method Quantitation Limit	LOQ Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

+ Outside XENCO's scope of NELAC Accreditation.

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.

Certified and approved by numerous States and Agencies.

A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - San Antonio - Atlanta - Midland/Odessa - Tampa/Lakeland - Miami - Phoenix - Latin America

4143 Greenbriar Dr, Stafford, Tx 77477
9701 Harry Hines Blvd, Dallas, TX 75220
5332 Blackberry Drive, San Antonio TX 78238
2505 North Falkenburg Rd, Tampa, FL 33619
5757 NW 158th St, Miami Lakes, FL 33014
12600 West I-20 East, Odessa, TX 79765
6017 Financial Drive, Norcross, GA 30071
3725 E Atlanta Ave, Phoenix, AZ 85040

Phone	Fax
(281) 240-4200	(281) 240-4280
(214) 902 0300	(214) 351-9139
(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	

XEI	NCO-Envi	ronmental	Lał	0	fTexa	5			1260 Ode:		Vesi	t I-2	20 Ea	ast	CUS	sto	DYI	REC	ORI	D A	ND	P	hor	YS/S ne: 4 :: 4	32-5	563-1	1800	0				
	Project Manager	Robert Asher			<u>.</u>											_	Pr	ojec	t Na	me:	Ma	irat	tho	n B	ox	Wa	ite	r Li	ne		,	
	Company Name	Yates Petroleum Corporat	ion		<u></u>											_		P	rojec	:t #:	30-	015	-26	916								
	Company Address.	105 South 4th Street																Proj	ect L	.oc:	Edd	y Co	ounty	/								
	City/State/Zip:	Artesia, NM 88210																	P) #:	105	632										
	Telephone No:	575-748-4217				Fax No:	:	575-1	748-	466	2					 F	Repo	rt Fo	rma	t:	X	Star	ndar	d	Ľ] t f	RP	,		NPD	ES	
	Sampler Signature:	June	w	,		- e-mail:	-		bol	ba@	Dya	tes	petr	oleu	m co	- m							•			_		_				
(lab use d					······································	-		-										F	_		тс	LP.	Ân	alyze	For [.]			Τ-	 	ᅱ	7	
T I	#: 425149/	425150						r	Pa	esen	vation	18#	t of C	ontain	ers	ТМ	latrix		T		TOI	TAL.			+	-				1		
			1		<u> </u>			╈	Ţ			T	T		T	Ì		1 ²	TX 1006				o Hg Se		X 8260					4		-
(yin			-		1			,		ļ						SL≈Sludge	r S=Soil/Solid Specify Other	8015M	Ă	Ŷ	Anions (CI, SO4, Alkalinity)		Metals. As Ag Ba Cd Cr Pb Hg		Sernivolatues BTEX 8021B/5030 or BTEX 8260					alihari	Standard TAT	i
o esn			Dept	E	pied	pled		ntamer							(Å		. 0		8	N, BM	04, AI	с <u>н</u>	g Ba C		05030					(Press	AT .	
# (lab use oniy)			Beginning Depth	Ending Depth	Date Sampled	Lime Sampled	-ield Fittered	Fotel # of Contauners						ő	Other (Specify)	DW=Draking Water	GW = Groundwater NP=Non-Potable	418 1	TX 1005	Cations (Ca, Mg, Na, K)	ci s	SAR / ESP / CEC	As A	Volatiles	01auco 80218		×	ides		TAT	ard T	
LAB #	FIEI		Begir	Endir	Date	Time	Field F	Totel#	es l	SNH	Ŧ	H ₂ SO	NaOH	Na ₂ S ₂ O ₃	Other	DW=Dr	GW=0	TPH	HdF	Catior	Anions	SAR /	Metals	Volatiles	BTEX	RC I	NORM	Chlorides		ISIIa	Stand	
001	Cor	mp-00.5	6"	6"	8/3/2011	10.24 AM		1	x								S	X							X		Γ	X		T	X	-
002	Co	mp-01.0	12"	12"	8/3/2011	10.41 AM		1	×	_	_	_	_		\bot		s	X							X	<u>'</u>	1	X	\square	1	<u> </u>	-
<u> 005</u>	Co	mp-01 5	18"	18"	8/3/2011	10:57 AM		1	× -		\rightarrow		-	+	+		s	×			-	-+	\rightarrow		_ _ x	4	╞	X	\vdash		<u> ×</u>	
				<u></u>				╉		╉	+	-+	-+		+			╂─	+ -		+	-+	+	+-	╇	╀	╀╴	┼─	┼╌┼	-+-	╋	-
	· · · · · · · · · · · · · · · · · · ·	- <u></u>					-+	-	╈	╉		\rightarrow		+	┼			╂─	┝			-+	-	╉	╈	┾	+	┢	┝┼	+	╊	-
									╋	┢		+	+	\uparrow	\uparrow			┢				+	┤		+	+	\uparrow	+	\vdash	+	+	-
																							Ţ			T				T	T	1
																						_			\Box	L			\square		L	
			 					+		\downarrow	\downarrow			_]			-	_	_		╇	1	₋	\square	\vdash	+-		ł
	· · · · · · · · · · · · · · · · · · ·						-+	+	+	+		-+	+	+	+	┣		┢─	$\left \right $	-	\rightarrow	-+	+		+	+	╞	$\downarrow \downarrow$	\vdash	+	+	-
							-+	╉	╉	╉	-	+	+	╋				┢		-+	\dashv	-+	+	╋	+	╀	┝	┾┥	┝╌╂╴		┨─┤	
\vdash		UT CHLORIDES	<u> </u>	<u> </u>		 	+	+	+	╉	+	+	┽	+	+			┢─		-+		-+	+	┿	+	+	\vdash	+		+	+	1
Special In	nstructions:	TPH: 8015B, BT	EX: 80	21B	& Chlorides.	Please show	BTE	EX r	esu	lts a	as r	ng/l	kg	Tha	nk yı	ou.	-	 _						nmen			لے۔		┈┈┷┙ ╼╼┥	ال	-	1
																	_							ers In eadsp				C	2		Ð	
Relinquish	0.11	Date 08/04/11		në PM	Received by										Da	te	Τ	Tím	- 1	Cust	ody	seal	s or	ner(s cont	taine	r(s)		ξ	12400 - CA	N N		
Robert As Relinguish		Date	l	ne	Received by.							- <u></u>		╉	Da	ite		Tim		Sam	ple	Hand	d De	i cooi livere	ed			Ĵ	B	N N		ļ
	•						_						_							Ł	y C	ourie	?	lient F UF	-s	DHI	L	- T	YD -	N one S		l
Relinquish	ed by Ex	Date	Tir	ne	Received by EL	Jurdod						-	_	8	-5		G	ттте : 2 .(3	Tem	pera	Ч ature	G	ốn Re	/C igeip	ńt:			6	; •c		

and the second s



 \cdot

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	Nates
Date/Time:	8-5-11 9-20
Lab ID # :	425149/425150-01
initials:	XII

Sample Receipt Checklist

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

Nonconformance Documentation

Contact:	Contacted by:	Date/Time:
Regarding:		
Corrective Action Tak	en:	
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 con Client understands and would like t	
	• .	