# Analytical Report 427325

for Yates Petroleum Corporation

**Project Manager: Jeremy Haass** 

Squires 'ALR' # 2

#### 30-015-34246

#### 22-SEP-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)

Final 1.000



22-SEP-11

Project Manager: Jeremy Haass Yates Petroleum Corporation 105 South Fourth St. Artesia, NM 88210

Reference: XENCO Report No: 427325 Squires 'ALR' # 2 Project Address: Eddy

#### Jeremy Haass:

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 427325. 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. 427325 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 427325

### Yates Petroleum Corporation, Artesia, NM

Squires 'ALR' # 2

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Sample # 1	S	09-08-11 09:45	1 - 1 ft	427325-001
Sample # 2	S	09-08-11 10:00	1.5 - 1.5 ft	427325-002
Sample # 3	S	09-08-11 10:15	8 - 8 In	427325-003
Sample # 4	S	09-08-11 10:15	6 - 6 In	427325-004
Sample # 5	S	09-08-11 10:30	1 - 1 ft	427325-005
Sample # 6	S	09-08-11 10:45	1 - 1 ft	427325-006



### CASE NARRATIVE

Client Name: Yates Petroleum Corporation Project Name: Squires 'ALR' # 2



 Project ID:
 30-015-34246

 Work Order Number:
 427325

Report Date: 22-SEP-11 Date Received: 09/09/2011

Sample receipt non conformances and comments: None

Sample receipt non conformances and comments per sample:

None

#### Analytical non nonformances and comments:

Batch: LBA-869713 BTEX by EPA 8021B SW8021BM

Batch 869713, Ethylbenzene, Toluene, m\_p-Xylenes, o-Xylene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Samples affected are: 427325-002, -001, -006, -003, -004, -005. The Laboratory Control Sample for Toluene, Ethylbenzene, m\_p-Xylenes, o-Xylene is within laboratory Control Limits.

#### SW8021BM

Batch 869713, 4-Bromofluorobenzene recovered above QC limits . Matrix interferences is suspected; data confirmed by re-analysis Samples affected are: 427325-002.

Batch: LBA-870524 TPH By SW8015B Mod SW8015B\_NM

Batch 870524, C10-C28 Diesel Range Hydrocarbons recovered above QC limits in the Matrix Spike.

Samples affected are: 427325-002, -001, -003. The Laboratory Control Sample for C10-C28 Diesel Range Hydrocarbons is within laboratory Control Limits

#### SW8015B\_NM

Batch 870524, C10-C28 Diesel Range Hydrocarbons RPD was outside QC limits. Samples affected are: 427325-002, -001, -003



Project Location: Eddy

Project Id: 30-015-34246

Contact: Jeremy Haass

## Certificate of Analysis Summary 427325

Yates Petroleum Corporation, Artesia, NM

Project Name: Squires 'ALR' # 2



Date Received in Lab: Fri Sep-09-11 10:00 am

Report Date: 22-SEP-11

								Project Ma	nager:	Brent Barron	II		
	Lab Id:	427325-	001	427325-0	02	427325-	003	427325-	004	427325-0	005	427325-	006
Aughoria Degrasted	Field Id:	Sample	#1	Sample #	Sample # 2		Sample # 3		# 4	Sample	# 5	Sample	#6
Anaiysis Kequesiea	Depth:	1-1 f	t .	1.5-1.5	1.5-1.5 ft		8-8 In		n	1-1 ft		1-1 f	Ì
	Matrix:	SOIL	_	SOIL		SOIL	,	SOIL		SOIL		SOIL	
	Sampled:		09 45	Sep-08-11	0 00	Sep-08-11	10 15	Sep-08-11	10 15	Sep-08-11 10 30		Sep-08-11 10:45	
BTEX by EPA 8021B	Extracted:	Sep-09-11	17 00	Sep-09-11	7 00	Sep-09-11	17.00	Sep-09-11	17:00	Sep-09-11	17.00	Sep-09-11	17 00
And		Sep-10-11	04 01	Sep-10-11	1 17	Sep-10-11	04.23	Sep-10-11	04:46	Sep-10-11	05.09	Sep-10-11	05.32
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		0 00113	0 00113	ND	0.110	ND	0 00109	ND	0 00106	0 00126	0 00106	0 00144	0 00109
Toluene		0 00364	0 00226	0 470	0.220	ND	0 00218	ND	0 00212	ND	0 00211	0 00316	0 00219
Ethylbenzene		0 00929	0 00113	3.44	0.110	ND	0 00109	ND	0 00106	ND	0 00106	ND	0 00109
m_p-Xylenes		0 0284	0 00226	10 4	0 220	0 00305	0 00218	ND	0.00212	ND	0 00211	ND	0 00219
o-Xylene		0 0142	0 00113	4.62	0110	0 00189	0 00109	ND	0 00106	ND	0 00106	ND	0 00109
Total Xylenes		0 0426	0 00113	15.0	0.110	0 00494	0 00109	ND	0 00106	ND	0 00106	ND	0 00109
Total BTEX		0 0567	0 00113	18.9	0.110	0 00494	0 00109	ND	0 00106	0 00126	0.00106	0 00460	0 00109
Percent Moisture	Extracted:												
	Analyzed:	Sep-09-11	15.12	Sep-09-11	5 12	Sep-09-11 15:12		Sep-09-11	15 30	Sep-09-11	15 30	Sep-09-11	15.30
	Units/RL:	%	RL	%	RL	%	RL	%	RL	%	RL	%	RL
Percent Moisture		12.3	1.00	9.68	1.00	8.99	1 00	5.46	1 00	5.89	1.00	8.62	1 00
TPH By SW8015B Mod	Extracted:	Sep-12-11	13.05	Sep-12-11	3 05	Sep-12-11	13:05	Sep-21-11	13.50	Sep-21-11	13.50	Sep-21-11	13.50
	Analyzed:	Sep-20-11	17:17	Sep-20-11	8.51	Sep-20-11	19:21	Sep-22-11	01:32	Sep-22-11	02:03	Sep-22-11	02.36
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
C6-C10 Gasoline Range Hydrocarbons		ND	17.0	479	16 5	ND	16.5	ND	15 9	ND	15.9	ND	16.4
C10-C28 Diesel Range Hydrocarbons		408	17.0	3480	16.5	231	16 5	612	159	41.1	15.9	402	16.4
Total TPH		408	17.0	3960	16.5	231	16.5	612	159	41 1	15.9	402	16.4

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 OC 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.
- В 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
<b>DL</b> 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	

Pho



## Project Name: Squires 'ALR' # 2

Vork Orders : 427325	, , , , , , , , , , , , , , , , , , ,	Deter	Project II	): 30-015-34	246				
Lab Batch #: 009/15	Sample: 42/323-001 / SMIP	Bater	h: 1 Matrix:	Son COVERY (	STUDY				
BTE	X by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags			
	Analytes			[D]					
1,4-Dıfluorobenzene		0 0288	0.0300	96	80-120				
4-Bromofluorobenzene		0.0353	0.0300	118	80-120				
Lab Batch #: 869713	Sample: 427325-003 / SMP	Batc	h: <sup>1</sup> Matrix:	Soil					
Units: mg/kg	Date Analyzed: 09/10/11 04:23	SURROGATE RECOVERY STUDY							
BTEX	X by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags			
1,4-Difluorobenzene		0.0287	0.0300	96	80-120				
4-Bromofluorobenzene		0.0298	0.0300	99	80-120				
Lab Batch #: 869713	Sample: 427325-004 / SMP	Batc	h: 1 Matrix:	Soil	<u></u> !				
Units: mg/kg	Date Analyzed: 09/10/11 04:46	SURROGATE RECOVERY STUDY							
BTEX	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags				
	Analytes			[D]					
1,4-Difluorobenzene		0.0285	0 0300	95	80-120				
4-Bromofluorobenzene		0.0266	0.0300	89	80-120				
Lab Batch #: 869713	Sample: 427325-005 / SMP	Bate	h: 1 Matrix:	Soil					
Units: mg/kg	Date Analyzed: 09/10/11 05:09	SU	RROGATE RE	COVERY	STUDY				
BTE	X by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags			
1,4-Difluorobenzene		0.0290	0.0300	97	80-120				
4-Bromofluorobenzene		0.0262	0.0300	87	80-120				
Lab Batch #: 869713	Sample: 427325-006 / SMP	Batc	h: 1 Matrix:	Soil					
Units: mg/kg	Date Analyzed: 09/10/11 05:32	SU	RROGATE RE	ECOVERY	STUDY				
BTE	X by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags			
1,4-Difluorobenzene		0 0288	0.0300	96	80-120				
4-Bromofluorobenzene		0.0287	0.0300	96	80-120				

\* Surrogate outside of Laboratory QC limits

\*\* Surrogates outside limits; data and surrogates confirmed by reanalysis

\*\*\* Poor recoveries due to dilution

Surrogate Recovery [D] = 100 \* A / B

All results are based on MDL and validated for QC purposes.



## Project Name: Squires 'ALR' # 2

Vork Orders : 427325	, Samula: 427325-002 / SMP	Bate	Project II	<b>):</b> 30-015-34	246	
Units: mg/kg	Date Analyzed: 09/10/11 11:17	SU	RROGATE RI	ECOVERY	STUDY	
BTE	K by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
	Analytes			[D]		i
1,4-Difluorobenzene		0 0274	0.0300	91	80-120	I
4-Bromofluorobenzene		0 0550	0.0300	183	80-120	**
Lab Batch #: 870524	Sample: 427325-001 / SMP	Batel	h: 1 Matrix:	: Soil		
Units: mg/kg	Date Analyzed: 09/20/11 17:17	SU	RROGATE RF	<b>COVERY</b>	STUDY	
ТРН В	y SW8015B Mod	Amount Found [A]	True Amount  B]	Recovery %R {D}	Control Limits %R	Flags
I-Chlorooctane		109	99.6	109	70-135	i
o-Terphenyl		49 3	49.8	99	70-135	i
Lab Batch #: 870524	Sample: 427325-002 / SMP	Batc	h: 1 Matrix:	: Soil	<u></u>	
Units: mg/kg	Date Analyzed: 09/20/11 18:51	SU	RROGATE RF	ECOVERY	STUDY	
ТРН В	y SW8015B Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
	Analytes			[Dj		L
1-Chlorooctane		128	99 6	129	70-135	<u> </u>
o-Terphenyl	L	46.6	49.8	94	70-135	L
Lab Batch #: 870524	Sample: 427325-003 / SMP	Batel	h: 1 Matrix:	:Soil		
Units: mg/kg	Date Analyzed: 09/20/11 19:21	SU	RROGATE RE	<b>COVERY</b>	STUDY	
ТРН В	y SW8015B Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane		107	99.9	107	70-135	1
o-Terphenyl		49.1	50 0	98	70-135	I
Lab Batch #: 870607	Sample: 427325-004 / SMP	Batc	h: 1 Matrix:	Soil		
Units: mg/kg	Date Analyzed: 09/22/11 01:32	SU	<b>RROGATE RI</b>	ECOVERY	STUDY	F
ТРН В	Sy SW8015B Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane		125	100	125	70-135	<b></b>
o-Terphenyl		60.9	50.1	122	70-135	

\* Surrogate outside of Laboratory QC limits
 \*\* Surrogates outside limits; data and surrogates confirmed by reanalysis

\*\*\* Poor recoveries due to dilution

Surrogate Recovery [D] = 100 \* A / B

All results are based on MDL and validated for QC purposes

.



## Project Name: Squires 'ALR' # 2

<b>Work Orders :</b> 427325	, 		Project II	<b>):</b> 30-015-34	246				
Lab Batch #: 8/000/	Sample: 42/323-003/ SMP	Batel SU	RROGATE RE	COVERY	STUDY				
TPH E	Bate Analyzed: 09/22/11 02:03 By SW8015B Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags			
1-Chlorooctane	Anarytes	121	99.6	121	70-135				
o-Terphenyl	·······	58 1	49.8	117	70-135				
Lah Batch #• 870607	Sample: 427325-006 / SMP	Batel	h: 1 Matrix:	Soil	<u> </u>				
Units: mg/kg	Date Analyzed: 09/22/11 02:36	SURROGATE RECOVERY STUDY							
ТРН В	By SW8015B Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags			
1-Chlorooctane		122	100	122	70-135				
o-Terphenyl		60.4	50.1	121	70-135				
Lab Batch #: 869713	Sample: 611226-1-BLK / B	LK Batc	h: l Matrix:	Solid					
Units: mg/kg	Date Analyzed: 09/10/11 03:38	38 SURROGATE RECOVERY STUDY							
BTE	X by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags			
14 Difluorahangana	Analytes	0.0284	0.0200	[ <b>D</b> ]	80.120				
4-Bromofluorobenzene	n,	0.0284	0.0300	93	80-120				
Lab Batch # 870524	Sample: 611252-1-BLK / B	IK Boto	h. 1 Matrix	Solid	00 120				
Lab Batch #: 870524	Date Analyzed: 00/20/11 12:04	EK Batel	RROGATE RE	COVERY	STUDY				
TPH E	By SW8015B Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags			
1-Chlorooctane		102	99.7	102	70-135				
o-Terphenyl	······································	44.7	49.9	90	70-135				
Lab Batch #: 870607	Sample: 611698-1-BLK / B	LK Batc	h: 1 Matrix	Solid	<u></u>				
Units: mg/kg	Date Analyzed: 09/21/11 17:57	SU	RROGATE RI	ECOVERY	STUDY				
ТРН Е	By SW8015B Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags			
1-Chlorooctane		116	101	115	70-135				
o-Terphenyl		50 4	50 3	100	70-135				

\* Surrogate outside of Laboratory QC limits

\*\* Surrogates outside limits, data and surrogates confirmed by reanalysis

\*\*\* Poor recoveries due to dilution

Surrogate Recovery [D] = 100 \* A / B

All results are based on MDL and validated for QC purposes.



# Project Name: Squires 'ALR' # 2

<b>'ork Orders :</b> 427325	5, Samula 611226 1 BKS / P	VS Detel	Project II	): 30-015-34	246	
Lab Baten #: 009/15	Sample: 011220-1-DKS / Dr	S Baten	RROGATE RI	ECOVERY	STUDY	
BTE:	X by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
_	Analytes		<u>ا</u>	[D]	_	ı
1,4-Difluorobenzene		0 0291	0 0300	97	80-120	1
4-Bromofluorobenzene		0 0278	0.0300	93	80-120	I
Lab Batch #: 870524	Sample: 611252-1-BKS / B!	KS Batcl	h: <sup>1</sup> Matrix:	: Solid		
Units: mg/kg	Date Analyzed: 09/20/11 11:02	SUI	RROGATE RF	<b>ECOVERY</b> S	STUDY ·	
трн ғ	3y SW8015B Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	·	124	99.9	124	70-135	
o-Terphenyl		55.5	50.0	111	70-135	
Lab Batch #: 870607	Samule: 611698-1-BKS / B	KS Batc	h·   Matrix	• Solid	<u> </u>	
Units: mg/kg	Date Analyzed: 09/21/11 16:55	SU	RROGATE RF	ECOVERY !	STUDY	
ТРН F	3y SW8015B Mod	Amount Found [A]	True Amount [B]	Recovery %R IDI	Control Limits %R	Flags
1 Chlorooctane	Analytes	122	100	122	70.135	·
n-Terphenyl		52.2	50.0	104	70-135	i
T ab Datab # 869713	Sample: 611226-1-BSD / B	Bate	L. I Matrix	- Solid		
Lau Dattin #. 00715	Data Analyzed • 09/10/11 02.30	SD Dates	RROGATE RJ	ECOVERY	STUDY	
BTE:	X by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1.4 Diffuorobenzene	Analytes	0.0201	0.0200	100	P0 120	i
4-Bromofluorobenzene		0.0285	0.0300	95	80-120	
I ak Datak #. 870524	Sampla: 611252-1-BSD / B	Pen Bate	L. 1 Matrix	- Solid		
Lab Batch #. 970521	Data Analyzad: 00/20/11 11-32	SD Dates	RROGATE RJ	FCOVERY	STUDY	
опиз: инд/кд ТРН Г	By SW8015B Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane		116	99.7	116	70-135	l
o-Terphenyl		496	49.9	99	70-135	·

\* Surrogate outside of Laboratory QC limits

\*\* Surrogates outside limits, data and surrogates confirmed by reanalysis

\*\*\* Poor recoveries due to dilution

Surrogate Recovery [D] = 100 \* A / BAll results are based on MDL and validated for QC purposes.



## Project Name: Squires 'ALR' # 2

Vork Orders: 427325	5, Sample: 611698-1-BSD / BS	SD Batel	Project II	D: 30-015-34	246	
Units: mg/kg	Date Analyzed: 09/21/11 17:26	SU Date	RROGATE RI	ECOVERY	STUDY	<u> </u>
ТРН Е	By SW8015B Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
	Analytes			[D]		
1-Chlorooctane		127	99.7	127	70-135	
o-Terphenyl		53.9	49 9	108	70-135	
Lab Batch #: 869713	Sample: 427325-006 S / MS	Batel	h: 1 Matrix	: Soil		
Units: mg/kg	Date Analyzed: 09/10/11 05:55	SU	RROGATE R	ECOVERY	STUDY	
BTE	X by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
	Analytes					
1,4-Dıfluorobenzene		0 0296	0.0300	99	80-120	
4-Bromofluorobenzene		0.0301	0.0300	100	80-120	
Lab Batch #: 870524	Sample: 427255-001 S / MS	Batcl	h: <sup>1</sup> Matrix	: Soil		,
Units: mg/kg	Date Analyzed: 09/21/11 08:24	SU	RROGATE R	ECOVERY	STUDY	
ТРН Е	By SW8015B Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
	Analytes			{D]		
1-Chlorooctane		129	99 8	129	70-135	
o-Terphenyl		55 6	49.9	111	70-135	
Lab Batch #: 870607	Sample: 427944-012 S / MS	Batc	h: <sup>1</sup> Matrix	:Soil		
Units: mg/kg	Date Analyzed: 09/22/11 03:07	SU	RROGATE R	ECOVERY	STUDY	
ТРН І	By SW8015B Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane		121	100	121	70-135	
o-Terphenyl		50 1	50.2	100	70-135	
Lab Batch #: 869713	Sample: 427325-006 SD / M	ISD Bate	h: l Matrix	:Soil		
Units: mg/kg	Date Analyzed: 09/10/11 06:17	SU	RROGATE R	ECOVERY	STUDY	
BTE	X by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1.4-Ditluorobenzene	Analytes	0.0203	0.0300	00	80.120	
1,TDinuorooclizene		0.0273	0.0300	1 90	1 00-120	

\* Surrogate outside of Laboratory QC limits
\*\* Surrogates outside limits, data and surrogates confirmed by reanalysis

\*\*\* Poor recoveries due to dilution

4-Bromofluorobenzene

Surrogate Recovery [D] = 100 \* A / B

All results are based on MDL and validated for QC purposes.

0.0271

90

80-120

0.0300



## Project Name: Squires 'ALR' # 2

Work Orders : 427325 Lab Batch #: 870524	, Sample: 427255-001 SD / N	Project ID: 30-015-34246 MSD Batch: 1 Matrix: Soil							
Units: mg/kg	Date Analyzed: 09/21/11 08:54	SURROGATE RECOVERY STUDY							
ТРН В	sy SW8015B Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags			
	Analytes			[D]					
1-Chlorooctane	n ne - tertisette (	117	100	117	70-135				
o-Terphenyl		47 6	50 1	95	70-135				
Lab Batch #: 870607	Sample: 427944-012 SD / N	MSD Batc	h: l Matrix	c:Soil					
Units: mg/kg	Date Analyzed: 09/22/11 03:41	SU	RROGATE R	ECOVERY	STUDY				
ТРН В	TPH By SW8015B Mod Analytes			Recovery %R [D]	Control Limits %R	Flags			
1-Chlorooctane		123	99.5	124	70-135				
o-Terphenyl		49.9	49.8	100	70-135				

\* Surrogate outside of Laboratory QC limits
 \*\* Surrogates outside limits; data and surrogates confirmed by reanalysis

\*\*\* Poor recoveries due to dilution

Surrogate Recovery [D] = 100 \* A / B

All results are based on MDL and validated for QC purposes.





### Project Name: Squires 'ALR' # 2

- transmonth

Work Order #: 427325			1 00/00/201		Project ID: 30-015-34246							
Analyst: ASA	DVS	ate Prepai	red: 09/09/201	1			Date A	Matrix: S	99/10/2011 Solid			
Lao Batch 1D. 809/15 Sample: 611226-1-	BK5		11 #; ] 72 /DI ANIZ 6		DI ANIZ S	SPIKE DUPLICATE RECOVERY STUDY						
Units: <sup>mg/kg</sup>		DLAN	K / BLANK S							/ I	<del></del>	
BTEX by EPA 8021B	Blank Sample Result [A]	Spike Added	Blank Spike Result	Blank Spike %R	Spike Added	Blank Spike Duplicate Besult (F)	Blk. Spk Dup. %R	RPD %	Control Limits %R	Control Limits %RPD	Flag	
Analytes		[0]				Kusun [r]					<u> </u>	
Benzene	<0 00100	0.100	0 109	109	0.100	0.109	109	0	70-130	35		
Toluene	<0 00200	0.100	0.0983	98	0.100	0 0978	98	1	70-130	35		
Ethylbenzene	<0.00100	0.100	0.108	108	0.100	0 109	109	1	71-129	35		
m_p-Xylenes	<0 00200	0.200	0 212	106	0.200	0.214	107	1	70-135	35		
o-Xylene	<0.00100	0 100	0.101	101	0.100	0.101	101	0	71-133	35		
Analyst: BBH	D	ate Prepai	ed: 09/12/201	1			Date A	nalyzed: (	9/20/2011			
Lab Batch ID: 870524 Sample: 611252-1-	BKS	Bate	h #: ]					Matrix: S	Solid			
Units: <sup>mg/kg</sup>		BLAN	K/BLANK S	SPIKE / E	BLANK S	PIKE DUPI	LICATE	RECOVE	ERY STUD	Y		
TPH By SW8015B Mod Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag	
C6-C10 Gasoline Range Hydrocarbons	<15.0	999	960	96	997	913	92	5	70-135	35		
C10-C28 Diesel Range Hydrocarbons	<15.0	999	1000	100	997	899	90	11	70-135	35		

Relative Percent Difference RPD = 200\*|(C-F)/(C+F)| Blank Spike Recovery [D] = 100\*(C)/[B] Blank Spike Duplicate Recovery [G] = 100\*(F)/[E] All results are based on MDL and Validated for QC Purposes The state She was the state



NOT THE REAL PROPERTY OF THE R



2

### Project Name: Squires 'ALR' # 2

A LOW MORE WORKS CONTRACT OF MERIN

Work Order #: 427325 Analyst: ASA Lab Batch ID: 870607	<b>Sample:</b> 611698-1-B	Da	ite Prepar Batch	ed: 09/21/201	11		Project ID: 30-015-34246 Date Analyzed: 09/21/2011 Matrix: Solid							
Units: mg/kg		BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY												
TPH By SW801	15B Mod	Blank Sample Result [A]	Spike Added (B)	Blank Spike Result	Blank Spike %R	Spike Added	Blank Spike Duplicate Result (El	Blk. Spk Dup. %R (Cl	RPD %	Control Limits %R	Control Limits %RPD	Flag		
Analytes				[C]		IEI	Kesuk [F]							
C6-C10 Gasoline Range Hydroc	arbons	<15.0	1000	923	92	997	934	94	1	70-135	35			
C10-C28 Diesel Range Hydroca	rbons	<15.0	1000	824	82	997	823	83	0	70-135	35			

Relative Percent Difference RPD = 200\*|(C-F)/(C+F)| Blank Spike Recovery [D] = 100\*(C)/[B] Blank Spike Duplicate Recovery [G] = 100\*(F)/[E] All results are based on MDL and Validated for QC Purposes



### Project Name: Squires 'ALR' # 2



.

Work Order #: 427325						Project I	<b>D:</b> 30-015	-34246			
Lab Batch ID: 869713	C- Sample ID:	427325	-006 S	Ba	tch #:	1 Matri	x: Soil				
Date Analyzed: 09/10/2011	Date Prepared:	09/09/2	011	An	alyst:	ASA					
Reporting Units: mg/kg		N	ATRIX SPIK	Ë / MAT	RIX SPI	KE DUPLICA	TE REC	OVERY	STUDY		
BTEX by EPA 8021B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	0.00144	0.109	0.0940	85	0.110	0 0917	82	2	70-130	35	
Toluene	0.00316	0.109	0 0788	69	0.110	0.0763	66	3	70-130	35	X
Ethylbenzene	<0 00109	0.109	0 0751	69	0.110	0 0746	68	1	71-129	35	X
m_p-Xylenes	<0 00218	0.218	0.143	66	0 221	0.142	64	1	70-135	35	X
o-Xylene	<0 00109	0 109	0.0645	59	0.110	0 0644	59	0	71-133	35	X
Lab Batch ID: 870524 Q Date Analyzed: 09/21/2011	C- Sample ID: Date Prepared:	427255 09/12/2	-001 S 011	Ba An	tch #: alvst:	1 Matri: BBH	x: Soil				
Reporting Units: mg/kg		N	ATDIX SDIK	F / M A T		KE DUDU ICA	TE DEC	OVEDV	STUDV		
Reporting Units: mg/kg	Barrant	M	ATRIX SPIK	E / MAT	RIX SPI	KE DUPLICA	TE REC	OVERY	STUDY		]
Reporting Units: mg/kg TPH By SW8015B Mod	Parent Sample	M Spike	ATRIX SPIK Spiked Sample Result	E / MAT Spiked Sample	RIX SPI	KE DUPLICA Duplicate Spiked Sample	TE REC Spiked Dup.	OVERY S	STUDY Control Limits	Control Limits	Flag
Reporting Units: mg/kg TPH By SW8015B Mod Analytes	Parent Sample Result [A]	M Spike Added [B]	ATRIX SPIK Spiked Sample Result [C]	E / MAT Spiked Sample %R [D]	Spike Added [E]	KE DUPLICA Duplicate Spiked Sample Result  F]	TE REC Spiked Dup. %R [G]	OVERY S	STUDY Control Limits %R	Control Limits %RPD	Flag
Reporting Units: mg/kg TPH By SW8015B Mod Analytes C6-C10 Gasoline Range Hydrocarbons	Parent Sample Result [A] 42 8	M Spike Added [B] 1200	ATRIX SPIK Spiked Sample Result [C] 1300	E / MAT Spiked Sample %R [D] 105	RIX SPI Spike Added [E] 1210	KE DUPLICA Duplicate Spiked Sample Result [F]	TE REC Spiked Dup. %R [G] 90	OVERY S RPD %	STUDY Control Limits %R 70-135	Control Limits %RPD	Flag
Reporting Units: mg/kg         TPH By SW8015B Mod         Analytes         C6-C10 Gasoline Range Hydrocarbons         C10-C28 Diesel Range Hydrocarbons	Parent Sample Result [A] 42 8 99.7	M Spike Added [B] 1200 1200	ATRIX SPIK Spiked Sample Result [C] 1300 1910	E / MAT Spiked Sample %R [D] 105 151	Spike Added [E] 1210 1210	KE DUPLICA Duplicate Spiked Sample Result [F] 1130 1140	TE REC Spiked Dup. %R [G] 90 86	OVERY 5 RPD % 14 50	STUDY Control Limits %R 70-135 70-135	Control Limits %RPD	Flag XF
Reporting Units: mg/kg         TPH By SW8015B Mod         Analytes         C6-C10 Gasoline Range Hydrocarbons         C10-C28 Diesel Range Hydrocarbons         Lab Batch ID: 870607       Q         Date Analyzed: 09/22/2011       D	Parent Sample Result [A] 42 8 99.7 C- Sample ID: Date Prepared:	M Spike Added [B] 1200 1200 427944 09/21/2	ATRIX SPIK Spiked Sample Result [C] 1300 1910 -012 S 011	E / MAT Spiked Sample %R [D] 105 151 Ba An	RIX SPI Spike Added [E] 1210 1210 1210 tch #: alyst:	KE DUPLICA Duplicate Spiked Sample Result [F] 1130 1140 1 Matri: ASA	TE REC Spiked Dup. %R [G] 90 86 x: Soil	OVERY 5 RPD % 14 50	STUDY Control Limits %R 70-135 70-135	Control Limits %RPD 35 35	Flag XF
Reporting Units: mg/kg         TPH By SW8015B Mod         Analytes         C6-C10 Gasoline Range Hydrocarbons         C10-C28 Diesel Range Hydrocarbons         Lab Batch ID: 870607       Q         Date Analyzed: 09/22/2011       I         Reporting Units: mg/kg       I	Parent Sample Result [A] 42 8 99.7 C- Sample ID: Date Prepared:	M Spike Added [B] 1200 1200 427944 09/21/2 M	ATRIX SPIK Spiked Sample Result [C] 1300 1910 -012 S 011 ATRIX SPIK	E / MAT Spiked Sample %R [D] 105 151 Ba An E / MAT	RIX SPI Spike Added [E] 1210 1210 tch #: alyst: RIX SPI	KE DUPLICA Duplicate Spiked Sample Result [F] 1130 1140 1 Matri: ASA KE DUPLICA	TE REC Spiked Dup. %R [G] 90 86 x: Soil TE REC	OVERY 5 RPD % 14 50	STUDY Control Limits %R 70-135 70-135	Control Limits %RPD 35 35	Flag XF
Reporting Units: mg/kg         TPH By SW8015B Mod         Analytes         C6-C10 Gasoline Range Hydrocarbons         C10-C28 Diesel Range Hydrocarbons         Lab Batch ID: 870607         Date Analyzed: 09/22/2011         Reporting Units: mg/kg         TPH By SW8015B Mod         Analytes	Parent Sample Result [A] 42 8 99.7 PC- Sample ID: Date Prepared: Parent Sample Result [A]	M Spike Added [B] 1200 1200 427944 09/21/2 M Spike Added [B]	ATRIX SPIK Spiked Sample Result [C] 1300 1910 -012 S 011 ATRIX SPIKI Spiked Sample Result [C]	E / MAT Spiked Sample %R [D] 105 151 Ba An E / MAT Spiked Sample %R [D]	RIX SPI Spike Added [E] 1210 1210 1210 tch #: alyst: RIX SPI Added [E]	KE DUPLICA Duplicate Spiked Sample Result [F] 1130 1140 1 Matri: ASA KE DUPLICA Duplicate Spiked Sample Result [F]	TE REC Spiked Dup. %R [G] 90 86 x: Soil TE REC Spiked Dup. %R [G]	OVERY S RPD % 14 50 OVERY S RPD %	STUDY Control Limits %R 70-135 70-135 70-135 STUDY Control Limits %R	Control Limits %RPD 35 35 35 Control Limits %RPD	Flag XF Flag
Reporting Units: mg/kg         TPH By SW8015B Mod         Analytes         C6-C10 Gasoline Range Hydrocarbons         C10-C28 Diesel Range Hydrocarbons         Lab Batch ID: 870607         Date Analyzed: 09/22/2011         Reporting Units: mg/kg         TPH By SW8015B Mod         Analytes         C6-C10 Gasoline Range Hydrocarbons	Parent Sample Result [A] 42 8 99.7 C- Sample ID: Date Prepared: Parent Sample Result [A] <15 2	M Spike Added [B] 1200 1200 427944 09/21/2 M Spike Added [B] 1010	ATRIX SPIK Spiked Sample Result [C] 1300 1910 -012 S 011 ATRIX SPIK Spiked Sample Result [C] 928	E / MAT Spiked Sample %R [D] 105 151 Ba An E / MAT Spiked Sample %R [D] 92	RIX SPI Spike Added [E] 1210 1210 tch #: alyst: RIX SPI Spike Added [E] 1000	KE DUPLICA Duplicate Spiked Sample Result [F] 1130 1140 1 Matri: ASA KE DUPLICA Duplicate Spiked Sample Result [F] 917	TE REC Spiked Dup. %R [G] 90 86 x: Soil TE REC Spiked Dup. %R [G] 92	OVERY 5 RPD % 14 50 OVERY 5 RPD % 1	STUDY Control Limits %R 70-135 70-135 STUDY Control Limits %R 70-135	Control Limits %RPD 35 35 35 Control Limits %RPD 35	Flag XF

Matrix Spike Percent Recovery  $[D] = 100^{+}(C-A)/B$ Relative Percent Difference RPD =  $200^{+}[(C-F)/(C+F)]$  Matrix Spike Duplicate Percent Recovery [G] = 100\*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not

ApplicableN = See Narrative, EQL = Estimated Quantitation Limit





### Project Name: Squires 'ALR' # 2

Work Order #: 427325

Lab Batch #: 869627			<b>Project I</b>	<b>D:</b> 30-015-3	4246
Date Analyzed: 09/09/2011 11:15 D	ate Prepared: 09/09/20	l Ana	lyst:BRB		
QC- Sample ID: 427302-002 D	Batch #: 1	Mat	rix: Soil		
Reporting Units: %	SAMPLE	/ SAMPLE	DUPLIC	ATE REC	OVERY
Percent Moisture	Parent Sampl Result [A]	e Sample Duplicate Result	RPD	Control Limits %RPD	Flag
Analyte		[B]			
Percent Moisture	1.57	1 41	11	20	
Lab Batch #: 869633	·				
Date Analyzed: 09/09/2011 15:30 D	ate Prepared: 09/09/20	ll Ana	lyst:BRB		
QC- Sample ID: 427325-004 D	Batch #: 1	Mat	rix: Soil		
Reporting Units: %	SAMPLE	/ SAMPLE	DUPLIC	ATE REC	OVERY
Percent Moisture Analyte	Parent Sampl Result [A]	e Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Percent Moisture	5.46	5.03	8	20	

Spike Relative Difference RPD 200 \* | (B-A)/(B+A) | All Results are based on MDL and validated for QC purposes. BRL - Below Reporting Limit

XE	NCO-Envi	ronmental	Lat	o of	f Texas	5			12( Od	600 \ essa	Wes a, To	CH st I-2 exas	A/N 20 E s 79	/ <i>OF</i> ast 765	CU	STOL	DY R	EC	ORL	D AN	ID .	4NA Pi F	\LYS hon€ Fax:	S/S / 3: 43 43	REC 2-56 2-56	<i>QUE</i> 53-1 63-1	ES <i>T</i>  800  713	•			
	Project Manager:	Jeremy Haass	,													-	Pro	oject	Nar	ne:	Sq	uire	es '	<u>ALF</u>	<u>२' #</u>	<u>‡2</u>					
	Company Name	Yates Petroleum Corporat	on													_		Pr	ojec	t #: _	30-	015-	-342	46							
	Company Address:	105 South 4th Street									-					-	F	Proje	ct L	oc: <u> </u>	Edd	y									
	City/State/Zip:	Artesia, NM 88210																	PC	)#:	103-	-2636	6								
	Telephone No:	575-748-4311				Fax No:	_			_						R	epor	t Foi	mat	: [	×	Stan	dard			]TR	RP			1PDF	s
	Sampler Signature:					- e-mail.			iha	aas	s@	)ya	tes	peti	role	- um.c	com														
<b>1</b>						-											_	F		_	TC		Anal	yze F	or:		<u> </u>			丁	7
	oniy)	- 4272210						I		Broco	natio		# of C	ontou		T	ofrix						$\pm$	+	+-	1				71 hrs	
			<u> </u>		1	<u> </u>				Tese	Valid	11 04 #				176	2017	8015	80			1	Hg Se		8260					24 48	
AB # (lab use only)	FIEI	D CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	rield Filtered	fotal # of Containers	ice	HNO <sub>3</sub>	Ę	H₂SO₄	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	Nane Other ( Specify)	DW=Drinking Water SL≖Sludge	GW = Groundwater S=Soi/Solid NP=Non-Potable Specify Other	TPH 418.1 8015M	TPH: TX 1005 TX 10	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Welatitae	volaures Semivolatiles	BTEX 8021B/5030 or BTEX	RCI	N O.R M	Chlorides		RUSH TAT (Pre-Schedule)	Standard TAT
Ō	Sa	mple #1	1ft	1ft	9/8/2011	9:45am			х								s	x					T	T	x			X		T	X
Dà	Sa	mple #2	1.5ft	1.5ft	9/8/2011	10:00am			х								s	x				_			x			X			X
03	Sa	mple #3	8in	8in	9/8/2011	10:15am			х					_			s	x		_	_	$\downarrow$	$\perp$	4_	<u> x</u>	<u> </u>		X	<b>_</b> _		×
04	Sa	mple #4	6ın	6in	9/8/2011	10:15am		_	Х				{			$\mathbf{I}$	s	×			_	+	-	+	<b> </b> ×	<u> </u>		X		╇	Ľ
LIX.	Sa	mple #5	1ft	1ft	9/8/2011	10:30am			X		$\neg$			+			<u>s</u>	×			-+	-+	+	+-	<b> x</b>	$\vdash$	$\vdash$	×			+×
100	Sai	mple #6	<u>1ft</u>	1ft	9/8/2011	10:45am	$\left  - \right $		×		-	$\dashv$	-+	_+	+-		<u>s</u>	×		+	-+	-+	+		₩	┢	┢╌┙	Å		╋	ľ
00							$\left  - \right $		-		-	-	+	+	+				-	-+	┥	┽	+	+-	┢	$\vdash$	$\left  - \right $	┢╼┦	-+-	- -	╋
100										$\neg$			_†	-	-	╂─					┥	+	╈	+	┢─	⊢	┝─┦	┢╾┧		-†-	
											$\neg$		-†	$\uparrow$	╈	$\uparrow$				╡	┤	╉	+	1-				$\square$	1	╈	┢
																						T						$\Box$			Τ
											_		_			<u> </u>				_	$\downarrow$	$\downarrow$	$\perp$			$\Box$		⊢┥			
	PLEASE PL	UT CHLORIDES						_			_		_+			<b> </b>				-	_	4	+			$\square$	$\square$	⊢┥			╀
Special	ON SEPAR	TEN: 0016B BT	EX. 90	1218	Chiaridae	Please show			res	ulte	29	mai	140	The	nk v	<u> </u>				Labo	rat			ment						L	
Relinquis	hed by	Date 09/08/11 Date	Ti 3 02	me 2 PM me	Received by.						23		<u> </u>		D	ate ate		Time		Sam VOC Labe Cust Cust	ple s Fr ls o ody ody ple	Conti ree oi n cor seal: seal: Hanc	ainer f Hea ntaine s on s on d Del	s Inta adspa er(s) conta coole	act? ace? ainer ainer ar(s) d	(s)		C. Marson	Read v	z	ゝ
Relinquis	hed by Feder	Date	Ti	me		nen	Ũ	, a	r	<b>n</b>					7 9	ate •11	10	Time	2	b b Tem	y Sa y Ci oera	ample ourier ature	ər/Clie r? Upoi	ent Ro UPS n Rec	ep ? S ceipt	, DHL t.	L .	5 3	ب الح ال	N one S °C	itar



1. ...

and Street - white and a second

 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:	Yats	Petrol	eum	
Date/Time:	ġ	9.11	10.00	
Lab ID # :	4273	25 /	427324	
Initials:		<u>ae</u>		<u></u>

#### 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 pottles	Tes	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 relinguished / 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?	Tes	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)?	Yes	No		
15. All samples received within sufficient hold time?	res	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 No	o	Cooler 5 No.	
ibs 3.6 °C ibs °C ibs °	°C Ibs	°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 NELA	after sampling event and out of temperature C 5.5.8.3.1.a.1.
	Initial and Backup Temperature com	firm out of temperature conditions
	- U cheft understands and would like a	The proceed with analysis

۰.

• •