

Analytical Report 289911

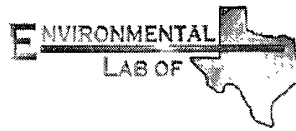
for

O'Briant & Assoc., Inc. dba Sport Environmental Svcs.

Project Manager: Debi Smith, M.E., R.E.P.A

Yates Energy; Yates State Lse. Trench Sampling

25-SEP-07



12600 West I-20 East Odessa, Texas 79765

A Xenco Laboratories Company

Texas certification numbers:
Houston, TX T104704215

Florida certification numbers:
Houston, TX E871002 - Miami, FL E86678 - Tampa, FL E86675

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America
Midland - Corpus Christi - Atlanta



25-SEP-07

Project Manager: **Debi Smith, M.E., R.E.P.A**
O'Briant & Assoc., Inc. dba Sport Environmental Svcs.
500 W. Texas Ave., Ste 1425
Midland, TX 79701

Reference: XENCO Report No: **289911**
Yates Energy; Yates State Lsc. Trench Sampling
Project Address:

Debi Smith, M.E., R.E.P.A:

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 289911. 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. 289911 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

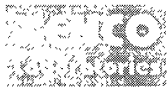
Odessa Laboratory Director

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 - Latin America



Sample Cross Reference 289911

D'Briant & Assoc., Inc. dba Sport Environmental Svcs., Midland, TX

Yates Energy; Yates State Lse. Trench Sampling

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
T-001 (0')	S	Sep-18-07 00:00	24 In	289911-001
T-002 (10')	S	Sep-18-07 00:00	30 In	289911-002
T-003 (20')	S	Sep-18-07 00:00	48 In	289911-003
T-004 (30')	S	Sep-18-07 00:00	60 In	289911-004
T-005 (40')	S	Sep-18-07 00:00	54 In	289911-005
T-006 (40')	S	Sep-18-07 00:00	30 In	289911-006
T-007 (50')	S	Sep-18-07 00:00	36 In	289911-007
T-008 (60')	S	Sep-18-07 00:00	24 In	289911-008
T-009 (60')	S	Sep-18-07 00:00	42 In	289911-009



Certificate of Analysis Summary 289911

O'Briant & Assoc., Inc. dba Sport Environmental Svcs., Midland, TX

Project Id:

Contact: Debi Smith, M.E., R.E.P.A

Project Location:

Project Name: Yates Energy; Yates State Lse. Trench Sampling

Date Received in Lab: V

Report Date: 2

Project Manager: E

<i>Analysis Requested</i>	<i>Lab Id:</i>	289911-001	289911-002	289911-003	289911-004
	<i>Field Id:</i>	T-001 (0')	T-002 (10')	T-003 (20')	T-004 (30')
	<i>Depth:</i>	24- In	30- In	48- In	60- In
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	Sep-18-07 00:00	Sep-18-07 00:00	Sep-18-07 00:00	Sep-18-07 00:00
Percent Moisture	<i>Extracted:</i>				
	<i>Analyzed:</i>	Sep-20-07 10:30	Sep-20-07 10:30	Sep-20-07 10:30	Sep-20-07 10:30
	<i>Units/RL:</i>	% RL	% RL	% RL	% RL
Percent Moisture		14.1 1.00	7.83 1.00	8.25 1.00	6.83 1.00
TPH by SW8015 Mod	<i>Extracted:</i>	Sep-20-07 14:33	Sep-20-07 14:33	Sep-20-07 14:33	Sep-20-07 14:33
	<i>Analyzed:</i>	Sep-20-07 19:12	Sep-20-07 19:39	Sep-20-07 20:05	Sep-20-07 20:32
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
C6-C12 Gasoline Range Hydrocarbons		ND 11.6	1690 54.2	ND 10.9	ND 53.7
C12-C28 Diesel Range Hydrocarbons		ND 11.6	7460 54.2	ND 10.9	1050 53.7
C28-C35 Oil Range Hydrocarbons		ND 11.6	1130 54.2	ND 10.9	457 53.7
Total TPH		ND	10280	ND	1507
Total Chloride by EPA 325.3	<i>Extracted:</i>				
	<i>Analyzed:</i>	Sep-20-07 11:00	Sep-20-07 11:00	Sep-20-07 11:00	Sep-20-07 11:00
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		1400 5.00	170 5.00	1020 5.00	468 5.00

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.

Since 1990 Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America


C



Certificate of Analysis Summary 289911
O'Briant & Assoc., Inc. dba Sport Environmental Svcs., Midland, TX

Project Id:

Contact: Debi Smith, M.E., R.E.P.A

Project Location:

Project Name: Yates Energy; Yates State Lse. Trench Sampling

Date Received in Lab: V

Report Date: 2

Project Manager: E

Analysis Requested	Lab Id:	289911-007	289911-008	289911-009	
	Field Id:	T-007 (50')	T-008 (60')	T-009 (60')	
	Depth:	36- In	24- In	42- In	
	Matrix:	SOIL	SOIL	SOIL	
	Sampled:	Sep-18-07 00:00	Sep-18-07 00:00	Sep-18-07 00:00	
Percent Moisture	Extracted:				
	Analyzed:	Sep-20-07 10:30	Sep-20-07 10:30	Sep-20-07 10:30	
	Units/RL:	% RL	% RL	% RL	
Percent Moisture		7.36 1.00	10.4 1.00	7.75 1.00	
TPH by SW8015 Mod	Extracted:	Sep-20-07 14:33	Sep-20-07 14:33	Sep-20-07 14:33	
	Analyzed:	Sep-21-07 09:18	Sep-21-07 09:47	Sep-24-07 13:49	
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL	
C6-C12 Gasoline Range Hydrocarbons		ND 54.0	ND 11.2	990 54.2	
C12-C28 Diesel Range Hydrocarbons		283 54.0	ND 11.2	4860 54.2	
C28-C35 Oil Range Hydrocarbons		167 54.0	ND 11.2	736 54.2	
Total TPH		450	ND	6586	
Total Chloride by EPA 325.3	Extracted:				
	Analyzed:	Sep-20-07 11:00	Sep-20-07 11:00	Sep-20-07 11:00	
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL	
Chloride		234 5.00	723 5.00	1450 5.00	

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.

Since 1990 Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America

C



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 effect the recovery of the spike concentration. This condition could also effect 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 MQL and above the SQL.
- 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.

* 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 - Austin - Tampa - Miami - Latin America

11381 Meadowglen Lane Suite L Houston, Tx 77082-2647
9701 Harry Hines Blvd , Dallas, TX 75220
5332 Blackberry Drive, Suite 104, San Antonio, TX 78238
2505 N. Falkenburg Rd., Tampa, FL 33619
5757 NW 158th St, Miami Lakes, FL 33014

Phone	Fax
(281) 589-0692	(281) 589-0695
(214) 902 0300	(214) 351-9139
(210) 509-3334	(201) 509-3335
(813) 620-2000	(813) 620-2033
(305) 823-8500	(305) 823-8555



Form 2 - Surrogate Recoveries

Project Name: Yates Energy; Yates State Lse. Trench Sampling

Work Order #: 289911

Project ID:

Lab Batch #: 704889

Sample: 289905-001 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1-Chlorooctadecane	36.9	50.0	74	70-135	
1-Chlorooctane	55.1	50.0	110	70-135	

Lab Batch #: 704889

Sample: 289905-001 SD / MSD

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1-Chlorooctadecane	39.7	50.0	79	70-135	
1-Chlorooctane	57.3	50.0	115	70-135	

Lab Batch #: 704889

Sample: 289911-001 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1-Chlorooctadecane	38.7	50.0	77	70-135	
1-Chlorooctane	44.9	50.0	90	70-135	

Lab Batch #: 704889

Sample: 289911-002 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1-Chlorooctadecane	60.0	50.0	120	70-135	
1-Chlorooctane	74.9	50.0	150	70-135	**

Lab Batch #: 704889

Sample: 289911-003 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1-Chlorooctadecane	39.6	50.0	79	70-135	
1-Chlorooctane	45.9	50.0	92	70-135	

** 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.



Form 2 - Surrogate Recoveries

Project Name: Yates Energy; Yates State Lse. Trench Sampling

Work Order #: 289911

Project ID:

Lab Batch #: 704889

Sample: 289911-004 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1-Chlorooctadecane	39.3	50.0	79	70-135	
1-Chlorooctane	45.5	50.0	91	70-135	

Lab Batch #: 704889

Sample: 289911-005 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1-Chlorooctadecane	44.4	50.0	89	70-135	
1-Chlorooctane	52.4	50.0	105	70-135	

Lab Batch #: 704889

Sample: 289911-006 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1-Chlorooctadecane	37.1	50.0	74	70-135	
1-Chlorooctane	42.1	50.0	84	70-135	

Lab Batch #: 704889

Sample: 289911-007 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1-Chlorooctadecane	32.4	50.0	65	70-135	**
1-Chlorooctane	37.9	50.0	76	70-135	

Lab Batch #: 704889

Sample: 289911-008 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1-Chlorooctadecane	37.1	50.0	74	70-135	
1-Chlorooctane	42.9	50.0	86	70-135	

** 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.



Form 2 - Surrogate Recoveries

Project Name: Yates Energy; Yates State Lse. Trench Sampling

Work Order #: 289911

Project ID:

Lab Batch #: 704889

Sample: 289911-009 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1-Chlorooctadecane	39.9	50.0	80	70-135	
1-Chlorooctane	65.6	50.0	131	70-135	

Lab Batch #: 704889

Sample: 499565-1-BKS / BKS

Batch: 1 Matrix: Solid

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1-Chlorooctadecane	42.2	50.0	84	70-135	
1-Chlorooctane	60.1	50.0	120	70-135	

Lab Batch #: 704889

Sample: 499565-1-BLK / BLK

Batch: 1 Matrix: Solid

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1-Chlorooctadecane	52.0	50.0	104	70-135	
1-Chlorooctane	62.6	50.0	125	70-135	

** 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.



Blank Spike Recovery

Project Name: Yates Energy; Yates State Lse. Trench Sampling

Work Order #: 289911

Project ID:

Lab Batch #: 704889

Sample: 499565-1-BKS

Matrix: Solid

Date Analyzed: 09/20/2007

Date Prepared: 09/20/2007

Analyst: SHE

Reporting Units: mg/kg

Batch #: 1

BLANK /BLANK SPIKE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
C6-C12 Gasoline Range Hydrocarbons	ND	500	522	104	70-135	
C12-C28 Diesel Range Hydrocarbons	ND	500	360	72	70-135	

Blank Spike Recovery [D] = $100 * [C] / [B]$

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



Project Name: Yates Energy; Yates State Lse. Trench San

Work Order #: 289911

Project ID:

Lab Batch ID: 704889

QC- Sample ID: 289905-001 S

Batch #: 1 Matrix: Soil

Date Analyzed: 09/24/2007

Date Prepared: 09/20/2007

Analyst: SHE

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVER

TPH by SW8015 Mod 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]	RPI %
C6-C12 Gasoline Range Hydrocarbons	ND	534	494	93	534	524	98	5
C12-C28 Diesel Range Hydrocarbons	ND	534	435	81	534	470	88	8

Matrix Spike Percent Recovery $[D] = 100 * (C - A) / B$
Relative Percent Difference $RPD = 200 * (D - G) / (D + G)$

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



Sample Duplicate Recovery

Project Name: Yates Energy; Yates State Lse. Trench Sampling

Work Order #: 289911

Lab Batch #: 704725

Date Analyzed: 09/20/2007

QC- Sample ID: 289911-001 D

Reporting Units: %

Date Prepared: 09/20/2007

Batch #: 1

Project ID:

Analyst: RBA

Matrix: Soil

SAMPLE / SAMPLE DUPLICATE RECOVERY					
Percent Moisture	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Analyte					
Percent Moisture	14.1	15.3	8	20	

Spike Relative Difference $RPD = 200 * |(B-A)/(B+A)|$

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

Environmental Lab of Texas

A Xenco Laboratories Company

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: Debi S. Smith, ME, REPA Environmental Consultant

Project Name: Yates Energy, Yates State Lease

Company Name: O'Brian and Associates, Inc. dba Sport Environmental Services

Trench Sampling

Company Address: 505 N. Big Spring Street, Suite 303

Project Loc: _____

City/State/Zip: Midland, TX 79701

PO #: _____

Telephone No: (432) 683-1100

Fax No: (432) 683-5903

Report Format: ☐ Standard ☐ TRRP ☐ NPDES

Sampler Signature _____

e-mail: sportenvironmental@t3wireless.com

(lab use only)

ORDER #: 289911

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled (TX)	Field Filtered	Total # of Containers	Ice	HNO ₃	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₄	None	Other (Specify)	DW=Drinking Water, SL=Sludge GW = Groundwater, S=Soil/Solid NP=Non-Potable, Specify Other	TPH: 418 1 8015M 8015H 8015L	TPH TX 1005 TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO ₄ , Alkalinity)	SAR / ESP / CEC	Metals As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	NORM							RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT	
001	T-001 (0')	24"		9/18/2007			1							X		S	X			X																X
002	T-002 (10')	30"		9/18/2007			1									S	X			X																X
003	T-003 (20')	48"		9/18/2007			1									S	X			X																X
004	T-004 (30')	60"		9/18/2007			1									S	X			X																X
005	T-005 (40')	54"		9/18/2007			1									S	X			X																X
006	T-006 (40')	30"		9/18/2007			1									S	X			X																X
007	T-007 (50')	36"		9/18/2007			1									S	X			X																X
008	T-008 (60')	24"		9/18/2007			1									S	X			X																X
009	T-009 (60')	42"		9/18/2007			1									S	X			X																X

Special Instructions:

Invoices should be sent to Yates Energy Corporation c/o OB&A dba Sport Environmental Services
505 N. Big Spring Street, Suite 303, Midland, Texas 79701

Laboratory Comments:

Sample Containers Intact? (Y) (N)
VOCs Free of Headspace? (Y) (N)
Labels on container(s) written on bag (Y) (N)
Custody seals on container(s) (Y) (N) (N/A)
Custody seals on cooler(s) (Y) (N)
Sample Hand Delivered (Y) (N)
by Sampler/Client Rep? (Y) (N)
by Courier? (Y) (N)
UPS DHL FedEx Lone Star
Temperature Upon Receipt: 22 °C

Relinquished by	Date	Time	Received by	Date	Time
<u>Debi S. Smith</u>	<u>9/19/07</u>	<u>6:35 pm</u>			
Relinquished by	Date	Time	Received by	Date	Time
Relinquished by	Date	Time	Received by ELOT	Date	Time
			<u>[Signature]</u>	<u>9/19/07</u>	<u>6:35 pm</u>

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client: D'Brant Associates

Date/ Time: 09-19-07 @ 1835

Lab ID #: 289911

Initials: JMF

Sample Receipt Checklist

Client Initials

#1 Temperature of container/ cooler?	(Yes)	No	22 °C	
#2 Shipping container in good condition? <u>Grocery bag</u>	Yes	No		
#3 Custody Seals intact on shipping container/ cooler?	Yes	No	Not Present (N/A)	
#4 Custody Seals intact on sample bottles/ container?	Yes	No	(Not Present)	
#5 Chain of Custody present?	(Yes)	No		
#6 Sample instructions complete of Chain of Custody?	Yes	(No)	Need TPA manual, 11?	
#7 Chain of Custody signed when relinquished/ received?	(Yes)	No		
#8 Chain of Custody agrees with sample label(s)?	(Yes)	No	ID written on Cont./ Lid	
#9 Container label(s) legible and intact?	Yes	No	(Not Applicable)	
#10 Sample matrix/ properties agree with Chain of Custody?	(Yes)	No		
#11 Containers supplied by EL0T?	Yes	(No)		
#12 Samples in proper container/ bottle?	Yes	(No)	See Below	
#13 Samples properly preserved?	Yes	(No)	See Below	289911
#14 Sample bottles intact? <u>bags</u>	(Yes)	No		
#15 Preservations documented on Chain of Custody?	(Yes)	No		
#16 Containers documented on Chain of Custody?	(Yes)	No		
#17 Sufficient sample amount for indicated test(s)?	(Yes)	No	See Below	
#18 All samples received within sufficient hold time?	(Yes)	No	See Below	
#19 Subcontract of sample(s)?	Yes	No	(Not Applicable)	
#20 VOC samples have zero headspace?	Yes	(No)	Not Applicable	

Variance Documentation

Contact: Debbie Simon Contacted by: Brent Barron Date/ Time: 09-19-07 @ 1635

Regarding: proper sample preservation, method TPA EX-EM, And CI only

Corrective Action Taken:

Check all that Apply:



See attached e-mail/ fax



Client understands and would like to proceed with analysis



Cooling process had begun shortly after sampling event