Bratcher, Mike, EMNRD

From:

Bratcher, Mike, EMNRD

Sent:

Monday, February 09, 2009 10:06 AM

To:

'Bob Asher' Jerry Fanning

Cc: Subject:

Below Grade Tank Closure Request

Dear Mr. Asher,

The sites listed have had below grade tank/tanks removed. Based on documents and analytical data provided by Yates Petroleum, the request to close and backfill the sites is approved.

Please be advised that NMOCD approval for closure does not relieve Yates Petroleum of liability should their operations have failed to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD approval for closure does not relieve Yates Petroleum of responsibility for compliance with any other federal, state, local laws and/or regulations.

Documents pertaining to closure of these sites will be imaged to their respective well files under the API number provided.

Sincerely,

Mike Bratcher NMOCD District 2 1301 W. Grand Ave. Artesia, NM 88210 575-748-1283 Ext.108

			Final C- 141		
WELL NAME	DATE OF RELEASE	C-141	Submitted to OCD	SITE RANKING	API NUMBER
Stark BG #1	12/21/2007	12/21/2007	3/3/2008	0	30-015-20056
Gushwa DR #1	12/21/2007	12/21/2007	3/3/2008	0	30-015-21002
Gerard AW Battery	12/21/2007	12/21/2007	3/28/2008	0	30-015-10800
Babcock IR Battery	12/21/2007	12/21/2007	3/28/2008	0	30-015-22311
Federal AY Battery	12/21/2007	12/21/2007	6/2/2008	0	30-015-10890
Santa Fe Land SWD #1	3/4/2008	3/24/2008	6/2/2008	10	30-015-20501
Roy SWD #3	3/4/2008	3/24/2008	6/2/2008	10	30-015-26562
Dee 36SW State #2	3/4/2008	3/24/2008	6/2/2008	0	30-015-26185
Routh NU Deep Com. #2	3/4/2008	3/24/2008	6/2/2008	0	30-015-23585
Yates AS #1 Fee	12/21/2007	12/21/2007	6/3/2008	0	30-015-10740
Compromise SWD #1 Battery	4/9/2008	4/9/2008	6/4/2008	10	30-015-25665
Dayton EX Battery	4/5/2008	4/9/2008	6/4/2008	10	30-015-21708
Eads GA Battery	4/5/2008	4/9/2008	6/4/2008	10	30-015-21788
Flint GU #1 Battery	4/5/2008	4/9/2008	6/10/2008	10	30-015-21933
Len Mayers #1	4/5/2008	4/9/2008	6/10/2008	10	30-015-05926
Cannon FW Battery	4/5/2008	4/9/2008	6/10/2008	10	30-015-21775
Gates AAC Battery	4/5/2008	4/9/2008	6/10/2008	10	30-015-24931

• •	G.		• • •	•	
NIX PK (Fee) Battery	4/5/2008	4/9/2008	6/11/2008	10	30-015-23667
Peon GK #1 Battery	4/5/2008	4/9/2008	6/11/2008	10	30-015-21905
Monsanto Foster SWD #1	3/4/2008	3/10/2008	6/13/2008	0	30-015-10340
Waldrip JY #1 (Fee) Battery	3/25/2008	3/28/2008	6/13/2008	10	30-015-22755
White IU (Fee) Battery	4/5/2008	4/9/2008	6/13/2008	10	30-015-22322
NIX GP Fee Battery	4/5/2008	4/9/2008	6/13/2008	10	30-015-21910
Olsen MY Fee Battery	4/5/2008	4/9/2008	6/13/2008	10	30-015-23158

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MARTIN YATES, III

FRANK W. YATES



105 SOUTH FOURTH STREET ARTESIA, NEW MEXICO 88210-2118 TELEPHONE (505) 748-1471

S.P. YATES CHAIRMAN EMERITUS

JOHN A. YATES

PEYTON YATES

FRANK YATES, JR.

JOHN A. YATES, JR.

October 3, 2008

OCT 062008 OCD-ARTESIA

Mr. Mike Bratcher NMOCD District II 1301 W. Grand Ave. Artesia, NM 88210

RF:

Flint GU #1 Battery

30-015-21933

Section 22, T18S-R26E Eddy County, New Mexico

Dear Mr. Bratcher,

Additional delineation sampling has been performed, enclosed are analytical results that indicate decreasing levels on chlorides. Approximately one (1) foot of materials from the sides and bottom were removed and taken to an OCD approved facility. Yates Petroleum Corporation requests installation of a cap prior to backfilling excavation and closure of the below grade tank site.

Thank you.

YATES PETROLEUM CORPORATION

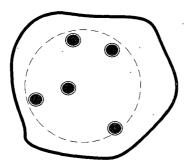
Robert Asher

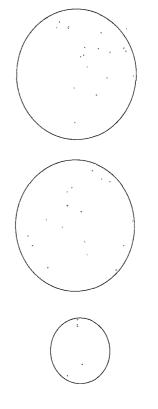
Environmental Regulatory Agent

Enclosure(s)

/rca







Location Pad (not to scale)

Sample ID	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TPH TOTAL	Chlorides
GS/Comp=001	6/4/2008	Grab/Composite	1'	0.0215	ND	1740	1740.0	178
GS/Comp=002	6/4/2008	Grab/Composite	2'	ND	ND	134	134.0	403
@S/Comp=008	7/22/2008	Grab/Composite	3'	,				57

Site Ranking is Ten (10). Depth to Ground Water: 50-99' (approx. 65'). Results are ppm.



Flint GU #1 Battery
Section 22, T18S-R26E
Eddy County, NM

EXHIBIT
Sample Diagram (Not to Scale)

Prepared by Robert Asher Environmental Regulatory Agent October 3, 2008 MARTIN YATES, III

FRANK W. YATES 1936-1986



105 SOUTH FOURTH STREET ARTESIA, NEW MEXICO 88210-2118

TELEPHONE (505) 748-1471

S.P. YATES CHAIRMAN EMERITUS

JOHN A. YATES CHAIRMAN OF THE BOARD

PEYTON YATES

FRANK YATES, JR. EXECUTIVE VICE PRESIDENT

JOHN A. YATES, JR. SENIOR VICE PRESIDENT

October 3, 2008
I certify that on 7/22/2008 , tests were conducted on soil samples from the following location:
Flint GU #1
Following are the results of testing.
EPA Method 9253 (Clorides) GS/Comp-003 – 57 ppm
All testing was conducted at Yates Petroleum Corporation.
Thank you.
YATES PETROLEUM CORPORATION

Robert Asher

Environmental Regulatory Agent

Bratcher, Mike, EMNRD

From: Bratcher, Mike, EMNRD

Sent: Monday, July 07, 2008 7:55 AM

To: 'jerryf@ypcnm.com'; 'boba@ypcnm.com'

Cc: Gum, Tim, EMNRD

Subject: Below Grade Tank Closure Requests

Jerry,

The following below grade tank closure requests are approved. The signed C-144 and related documents will be imaged to the respective well files.

Dagger Draw Com Btry	30-015-24284	L-19-19-25
Federal AK 001	30-015-00111	I – 3-19-25
Cotton MX Fed Com 001	30-015-23315	C-14-19-25
Dayton FI Btry	30-015-21727	A-28-18-26
King SWD 001	30-015-20257	C - 9-20-25
Mimosa Fed SWD 001	30-015-26449	I - 4-20-24
Mimosa Fed SWD 004	30-015-26950	1 - 4-20-24
NDDUP 055	30-015-23960	C-19-19-25
Wilkinson AZ Fee 001	30-015-20007	K-25-18-25
Deeter ADV Com 001	30-015-25638	M-27-18-26
Allie Lee AHB Btry	30-015-25127	C-34-18-26
Kleeman PB Btry	30-015-00253	P-27-18-26
Cleveland Fee Btry	30-015-00259	B-33-18-26

Be advised that this closure approval does not relieve Yates Petroleum of liability should these operations have failed to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, this approval does not relieve any operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

The following below grade tank closure requests, as submitted, are not approved at this time. Requirements for closure are listed for each site. Once these requirements have been met, please submit supporting documentation (ie, analytical data, etc.) for closure. Please notify this office 24 hours prior to obtaining samples where analyses of samples obtained are to be submitted to OCD.

Federal AY 001 Btry	30-015- 10890	F-25- 18-25	Chloride contamination level increase in bottom samples at 1' to 2' depth. Additional samples required to delineate contamination.
Roy SWD 003	30-015-	P- 7-	Chloride contamination level increase in bottom samples at 1' to 2'
	26562	19-25	depth. Additional samples required to delineate contamination.
Yates AS Fee 001	30-015-	K-25-	Remove materials above minimum 1000 mg/kg chloride levels.
	10740	18-25	
Dee 36SW State	30-015-	M-36-	Slight increase in TPH levels at 2' depth. Additional samples
002	26185	19-24	required to delineate contamination.
Santa Fe Land	30-015-	I –17-	Remove materials above minimum 1000 mg/kg chloride levels.
SWD 001	20501	19-26	, , , , , , , , , , , , , , , , , , ,
Routh NU Deep	30-015-	B-14-	Install cap minimum 3'- 4' bgs prior to backfilling excavation.
Com 002	23585	19-24	,
Dayton EX Btry	30-015-	K-21-	Chloride and hydrocarbon contamination levels increase in bottom
	21708	18-26	samples at 1' to 2' depths. Additional samples required to delineate
			contamination.
Compromise SWD	30-015-	H-30-	Chloride contamination level increase in bottom samples at 1' to 2'
001 Btry	25665	18-27	depth. Delineation to 250 mg/kg or background required. Ground
·			water @ 35' bgs.
		-	·

->	9

EADS GA Btry	30-015-	N-22-	Chloride contamination level increase in bottom samples at 1' to 2'
LADS GA BITY	21788	18-26	depth. Additional samples required to delineate contamination.
Flint GU 001 Btry	30-015-	J-22-	Chloride contamination level increase in bottom samples at 1' to 2'
Time do out buy	21933	18-26	depth. Additional samples required to delineate contamination.
		1	Removal of 1' of material as proposed is approved to address
	ļ		hydrocarbon contamination.
Len Mayers 001	30-015-	D-28-	Chloride contamination level increase in bottom samples at 1' to 2'
	05926	18-26	depth. Additional samples required to delineate contamination.
Gates AAC Btry	30-015-	C-22-	Chloride contamination level increase in bottom samples at 1' to 2'
	24931	18-26	depth. Additional samples required to delineate contamination.
Cannon FW Btry	30-015-	C-21-	Chloride contamination level increase in bottom samples at 1' to 2'
}	21775	18-26	depth. Additional samples required to delineate contamination.
Nix PK Fee Btry	30-015-	G-27-	Chloride contamination delineation to 250 mg/kg or background.
	23667	18-26	Remove materials over minimum 1000 mg/kg.
Peon GK 001 Btry	30-015-	D-27-	Chloride contamination delineation to 250 mg/kg or background.
	21905	18-26	Remove materials over minimum 1000 mg/kg.
Mitchell IN 002	30-015-	I- 23-	Remove materials above minimum 2500 mg/kg chloride levels and
SWD	22242	17-25	install cap prior to backfilling excavation.
White IU Fee Btry	30-015-	I 28-	Remove chloride contaminated materials over minimum 1000
	22322	18-26	mg/kg.
Olsen MY Fee	30-015-	I 33-	Chloride contamination delineation to 250 mg/kg or background.
Btry	23158	18-26	Remove materials over minimum 1000 mg/kg.
Nix GP Fee Btry	30-015-	O-22-	Chloride contamination delineation to 250 mg/kg or background.
	21910	18-26	Remove materials over minimum 1000 mg/kg.
Monsanto Foster	30-015-	D - 5-	TPH contamination level increase in bottom samples at 1' to 2'
001 SWD	10340	20-25	depth. Additional samples required to delineate contamination.
Waldrip JY Fee	30-015-	C-34-	Chloride contamination delineation to 250 mg/kg or background.
001 Btry	22755	18-26	Remove materials over minimum 1000 mg/kg.
Gerard AW Btry	30-015-	O-25-	Chloride contamination level increase in bottom samples at 7' to 8'
	10800	18-25	depth. Additional samples required to delineate contamination.
Babcock IR 001	30-015-	0-26-	Remove chloride contaminated materials over minimum 1000
	22311	18-25	mg/kg.
Stark BG 001	30-015-	C-25-	Remove chloride contaminated materials over minimum 1000
	20056	18-25	mg/kg. Obtain a deeper bottom hole sample to confirm chloride
Ourhun DD 004	00.015	-	decrease.
Gushwa DR 001	30-015-	E-35-	Obtain a deeper bottom hole sample to determine if chloride levels
]	21002	18-25	increase or decrease. Remove materials over 1000 mg/kg chloride levels.
<u> </u>	L	L	IEVEIS.

MARTIN YATES, III

FRANK W. YATES



105 SOUTH FOURTH STREET
ARTESIA, NEW MEXICO 88210-2118
TELEPHONE (575) 748-1471

S.P. YATES CHAIRMAN EMERITUS

JOHN A. YATES

FRANK YATES, JR.

PEYTON YATES

JOHN A. YATES, JR.

June 10, 2008

Mr. Mike Bratcher NMOCD District II 1301 W. Grand Ave. Artesia, NM 88210

RE: Flint GU #1 Battery

30-015-21933

Section 22, T18S-R26E Eddy County, New Mexico

Dear Mr. Bratcher,

The following actions have been performed by Yates concerning Form C-144 submitted April 9, 2008, the below-grade tank has been removed, excavated soils were taken to an approved OCD facility and composite samples were taken (6/4/2008), the depth of the tank bottom is approximately six (6) feet below grade. Enclosed are analytical results, with the Total Ranking Score of ten (10), RRAL's for BTEX is 50 ppm and TPH is 1000 ppm. Composite sample ID, GS/Comp-001 shows DRO at 1740 ppm with total TPH at 1740 ppm, Yates would like to request upon approval of closure to excavate approximately one (1) foot of material from the sides and bottom where the tank was removed, haul soils to an OCD approved facility and then backfill with clean soils. Yates Petroleum Corporation requests closure of the below grade tank site.

Thank you.

YATES PETROLEUM CORPORATION

Robert Asher

Environmental Regulatory Agent

Enclosure(s)

/rca

DENIED

District I
1625 N French Dr., Hobbs, NM 88240
District II
1301 W Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S St Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 June 1, 2004

drilling and production facilities, submit to

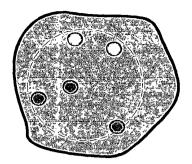
Form C-144

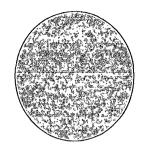
For drilling and production facilities, submit to appropriate NMOCD District Office For downstream facilities, submit to Santa Fe office

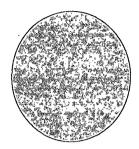
Pit or Below-Grade Tank Registration or Closure

	t or below-grade tank \(\text{Closure of a pit or below-grade tan} \)	k 🗵
Operator Yates Petroleum Corporation Telephone 503	5 749 1471 a mail adduses hoha@ vncnm com	
Address 104 S 4 th Street, Artesia, NM 88210		
Facility or well name Flint GU #1 Battery		Sec. 22 T. 18S R. 26F
County Eddy Latitude 32		
Surface Owner Federal State Private Indian	501gmae <u>10150057</u>	10.15 1921 23 1903 2
Pit	Below-grade tank	
Type Drilling Production Disposal	Volume 210 bbl Type of fluid Produced	Water
Work over ☐ Emergency ☐	Construction material Fiberglass	
Lined Unlined	Double-walled, with leak detection? Yes If not, explai	· · · · · · · · · · · · · · · · · · ·
Linei type Synthetic Thickness mil Clay	Boule Walled, Will leak detection 1 es 23 il not, explai	ii way not
Pit Volumebbl		
Depth to ground water (vertical distance from bottom of pit to seasonal high water	Less than 50 feet	(20 points)
elevation of ground water)	50 feet or more, but less than 100 feet	(10 points)
ole talled a global a water y	100 feet or more	(0 points)
Wellhead protection area (Less than 200 feet from a private domestic water	Yes	(20 points)
source, or less than 1000 feet from all other water sources)	No	(0 points)
	Less than 200 feet	(0)
Distance to surface water (horizontal distance to all wetlands, playas, irrigation	200 feet or more, but less than 1000 feet	(20 points)
canals, ditches, and perennial and ephemeral watercourses)	1000 feet or more	(0 points)
		(o points)
	Ranking Score (Total Points)	10 points
If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship.	up to other equipment and tanks (2) Indicate disposal locatio	n (check the onsite box if you are burying in place)
onsite offsite foffsite, name of facility (3) Attach a g	,	, , , , , , , , , , , , , , , , , , , ,
encountered No ☐ Yes ☐ If yes, show depth below ground surface		(// 5/5///
-	and attach sample results	
(5) Attach soil sample results and a diagram of sample locations and excavations		
FINAL REMOVAL ACTIVITIES COMPLETE (TANK REMOVED	AND SAMPLE RESULTS ENCLOSED). FINAL	REPORT C-144.
I hereby certify that the information above is true and complete to the best of my kno	wledge and belief I further certify that the above-describe	ed pit or below-grade tank has been/will be
constructed or closed according to NMOCD guidelines ⊠, a general permit □,	, or an (attached) alternative OCD-approved plan 🗌.	
Date Tuesday, June 10, 2008) 0
Printed Name/Title Robert Asher / Environmental Regulatory Agent	Signature	' } .
Your certification and NMOCD approval of this application/closure does not relieve		contaminate ground water or otherwise endanger public
health of the environment. Nor does it relieve the operator of its responsibility for co		
Approval		
Printed Name/TitleSign	ature Da	te











Location Pad (not to scale)

≸ Sample ID/	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TPH TOTAL	Chlorides
(GS/Comp.co)	6/4/2008	Grab/Composite	1'	√ 0.0215	ND	1740	· 1740.04 /-	178
GS/Comp.002	6/4/2008	Grab/Composite	2'	V ND	ND	:- 134 · ·	134.0 * **	403

Site Ranking is Ten (10). Depth to Ground Water: 50-99' (approx. 65'). Results are ppm.



Flint GU #1 Battery
Section 22, T18S-R26E
Eddy County, NM

EXHIBIT Sample Diagram (Not to Scale)

Prepared by Robert Asher Environmental Regulatory Agent June 10, 2008

Analytical Report 305230

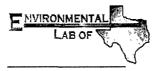
for

Yates Petroleum Corporation

Project Manager: Robert Asher

Flint GU # 1 Battery 30-015-21933

09-JUN-08



12600 West I-20 East Odessa, Texas 79765

Texas certification numbers: Houston, TX T104704215

Florida certification numbers:

Houston, TX E871002 - Miami, FL E86678 - Tampa, FL E86675

Norcross(Atlanta), GA E87429

South Carolina certification numbers: Norcross(Atlanta), GA 98015

North Carolina certification numbers: Norcross(Atlanta), GA 483

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





09-JUN-08

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

Reference: XENCO Report No: 305230

Flint GU # 1 Battery
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 305230. 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. 305230 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 305230



Yates Petroleum Corporation, Artesia, NM

Flint GU # 1 Battery

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
GS/Comp-001	S	Jun-04-08 08:08	1 - 1 ft	305230-001
GS/Comp-002	S	Jun-04-08 08:29	2 - 2 ft	305230-002



Certificate of Analysis Summary 305230

Yates Petroleum Corporation, Artesia, NM

Project Name: Flint GU # 1 Battery

Project Id: 30-015-21933 Contact: Robert Asher

Project Location: Eddy County

115-21933

Date Received in Lab: Thu Jun-05-08 10 45 am
Report Date: 09-JUN-08

Project Manager: Brent Barron, II

				Project Manager:	Dient Danon, II
	Lab Id:	305230-001	305230-002		
Analysis Requested	Field Id:	GS/Comp-001	GS/Comp-002		
Anuiysis Kequesieu	Depth:	1-1 ft	2-2 ft		
	Matrix:	SOIL	SOIL		
	Sampled:	Jun-04-08 08 08	Jun-04-08 08 29		
BTEX by EPA 8021B	Extracted:	Jun-05-08 11 10	Jun-05-08 17 01		
DIEN by EIN 00215	Analyzed:	Jun-06-08 00 27	Jun-06-08 03 36		
	Units/RL:	mg/kg RL	mg/kg RL		
Benzene		ND 0 0010	ND 0 0011		
Toluene		0 0025 0 0020	ND 0 0022		
Ethylbenzene		0 0051 0 0010	ND 0 0011		
m,p-Xylenes		0 0095 0 0020	ND 0 0022		
o-Xylene		0 0044 0 0010	ND 0 0011		
Total Xylenes		0 0139	ND		
Total BTEX		0 0215	ND		
Inorganic Anions by EPA 300	Extracted:				
morganic ramons by Erra 500	Analyzed:	Jun-05-08 20 21	Jun-05-08 20 21		
	Units/RL:	mg/kg RL	mg/kg RL		
Chloride		178 102	403 11 2		
Percent Moisture	Extracted:				
Terent Moisture	Analyzed:	Jun-05-08 17 00	Jun-06-08 10 18		
	Units/RL:	% RL	% RL		
Percent Moisture		1 94	10 8		
TPH by SW 8015B	Extracted:	Jun-05-08 14 41	Jun-05-08 14 41		
11112, 511 50112	Analyzed:	Jun-05-08 17 27	Jun-05-08 17 53		
	Units/RL:	mg/kg RL	mg/kg RL		
C6-C10 Gasoline Range Hydrocarbons		ND 15 3	ND 150		
C10-C28 Diesel Range Hydrocarbons		1740 15 3	134 15 0		
Total TPH		1740	134		

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 - Atlanta - Corpus Christi

Brent Barron
Odessa Laboratory Director

ECNCO Laboratorités

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(PQL) and above the SQL(MDL).
- 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

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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

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AB # (lab use only)	FIELD CODE	1	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	ield Fittered	fotal # of Containers	3	HNG,	HC.	н,ѕо,	NaOH	Na,S,O,	None	Other (Specufy)	DW-Dnoking Water SI-Sudge GW - Grandwater S-Sol/Solid	m Potable Specify Office	418 1 8015M	Callon C. Na sta to		SARTESPICEC	Metals As Ag Ba Cd Cr Pb Hg Se	Volatifies	Semvolables	BTEX 80218/5030 or BTEX 5260	2	Chardes		PISHTAT	NUSH I A I (MESCHANIS) X	Standard I.A.I
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Environmental Lab of Texas
Variance/ Corrective Action Report- Sample Log-In

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ate/Time 6.5.08 10.45				
ab ID# 305 230				
nitials <u>QL</u>				
Sample Receipt (Checklist		,	Client Initials
1 Temperature of container/ cooler?	Yes	No	1.5 0	
2 Shipping container in good condition?	(es)	No	\	
3 Custody Seals intact on shipping container/ cooler?	Yes	No	Not Present	
4 Custody Seals intact on sample bottles/ container?	(es)	No	Not Present	
5 Chain of Custody present?	Yes)	No		
6 Sample instructions complete of Chain of Custody?	Yes	No		
7 Chain of Custody signed when relinquished/ received?	(ves)	No		
8 Chain of Custody agrees with sample label(s)?	(es)	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?	(es)	No		
11 Containers supplied by ELOT?	(Yes)	No		
12 Samples in proper container/ bottle?	Yes	No	See Below	
13 Samples properly preserved?	Yes)	No	See Below	1
114 Sample bottles intact?	Yes	No	450 5000	1
15 Preservations documented on Chain of Custody?	(es)	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	1
*19 Subcontract of sample(s)?	Yes	No	/Not Applicable	
#20 VOC samples have zero headspace?	(Yes)	No	Not Applicable	
Variance Docur Contact Contacted by. Regarding	nentation		Date/ Time	
Corrective Action Taken				
Check all that Apply See attached e-mail/ fax Client understands and wou Cooling process had begun			•	