

March 4, 2005

Mr. and Mrs. Machado
471 C Street
Hayward, CA 94541

Re: **Residential Well Sampling Results – 22045 Rio Vista Street**
Associated with Former Chevron SS 9-0260
21995 Foothill Blvd.
Hayward, California
Cambria Project No. 31H-1915, ACHCSA No. RO0000383

Dear Mr. and Mrs. Machado:



On behalf of Chevron Environmental Management Company (ChevronTexaco), Cambria Environmental Technology Inc. (Cambria) submits this letter summarizing the results of the sampling of the private well on your property.

On October 20, 2004, Sarah Owen of Cambria, and Kendal Smeeth and Katie Bidstrup of SmeethCo visited you to sample the private well on your property. Specific details, such as well depth and construction, were unavailable and remain so at this time. Groundwater samples were collected from the well with a clean disposable bailer, and decanted into the appropriate laboratory supplied containers. The samples were transported to Lancaster Laboratories under the proper chain of custody. The laboratory analytic results are presented in Attachment A.

The laboratory results show that the groundwater sample we collected from your well contained no detectable concentrations of total petroleum hydrocarbons TPHg (gasoline), benzene, toluene, ethylbenzene, or xylenes. However, methyl tertiary butyl ether (MTBE) was detected at a very low concentration of 2 µg/L. Concentrations of MTBE in groundwater at such a low level are not uncommon as MTBE is highly soluble in water. At this low level, it is very unlikely that the MTBE detection is associated with the up-gradient fuel release at the former Chevron station. However, as a result of this detection, Cambria suggests sampling your well one more time to verify the low MTBE concentrations. A Cambria employee will contact you to schedule a time to re-sample.

**Cambria
Environmental
Technology, Inc.**

5900 Hollis Street
Suite A
Emeryville, CA 94608
Tel (510) 420-0700
Fax (510) 420-9170

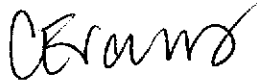
C A M B R I A

Mr. and Mrs. Machado
March 4, 2005

If you have any questions about this letter, please contact Robert Foss at (510) 420-3348 or Kendal Smeeth at (925) 631-6700.

Sincerely,

Cambria Environmental Technology, Inc.



Charlotte Evans
Staff Geologist



Robert Foss, P.G. No. 7445
Associate Geologist

Attachment: A -- Laboratory Analytic Results for Groundwater

cc: Barney Chan, Alameda County Health Care Services Agency, 1131 Harbor Bay
Parkway, Suite 250, Alameda CA 94502
Mark Inglis, Chevron Environmental Management Company, P.O. Box 6012,
San Ramon, CA 94583
Kendal Smeeth, SmeethCo, 1100 Moraga Way, Suite 108, Moraga, CA 94556

ATTACHMENT A

Laboratory Analytical Results for Groundwater

ANALYTICAL RESULTS

Prepared for:

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

925-842-8582

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 917506. Samples arrived at the laboratory on Friday, October 22, 2004. The PO# for this group is 99011184 and the release number is STREICH.

Client Description
22047 Rio Vista Grab Water Sample

Lancaster Labs Number
4385215

1 COPY TO

Cambria Environmental

Attn: Bob Foss

Questions? Contact your Client Services Representative
Angela M Miller at (717) 656-2300.

Respectfully Submitted,

Lancaster Laboratories Sample No. WW 4385215

22047 Rio Vista Grab Water Sample
 Facility # 90260
 21995 Foothill Boulevard-Hayward, CA
 Collected: 10/20/2004 17:10 by SO

Account Number: 10880

Submitted: 10/22/2004 09:00
 Reported: 11/02/2004 at 15:43
 Discard: 12/03/2004

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

22047

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	2.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

Trip blank vials were not received by the laboratory for this sample group.
 State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline	1	10/26/2004 22:21	Michael F Barrow	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	10/29/2004 22:03	Marc S Neal	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/26/2004 22:21	Michael F Barrow	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/29/2004 22:03	Marc S Neal	n.a.

Quality Control Summary

Client Name: ChevronTexaco
Reported: 11/02/04 at 03:43 PM

Group Number: 917506

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: 04299A08E TPH-GRO - Waters	Sample number(s): 4385215 N.D. 50. ug/l			86	81	70-130	6	30
Batch number: Z043032AA Methyl Tertiary Butyl Ether	Sample number(s): 4385215 N.D. 0.5 ug/l			90		77-127		
Benzene	N.D. 0.5 ug/l			90		85-117		
Toluene	N.D. 0.5 ug/l			93		85-115		
Ethylbenzene	N.D. 0.5 ug/l			94		82-119		
Xylene (Total)	N.D. 0.5 ug/l			93		83-113		

Sample Matrix Quality Control

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: 04299A08E TPH-GRO - Waters	Sample number(s): 4385215 118 63-154								
Batch number: Z043032AA Methyl Tertiary Butyl Ether	Sample number(s): 4385215 87 89 69-134			2	30				
Benzene	94	93	83-128	1	30				
Toluene	92	90	83-127	2	30				
Ethylbenzene	93	91	82-129	1	30				
Xylene (Total)	42*	39*	82-130	9	30				

Surrogate Quality Control

Analysis Name: TPH-GRO - Waters
Batch number: 04299A08E
Trifluorotoluene-F

4385215	100
Blank	101
LCS	117
LCSD	110
MS	100

Limits: 57-146

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background result was more than four times the spike added.

Quality Control Summary

Client Name: ChevronTexaco
Reported: 11/02/04 at 03:43 PM

Group Number: 917506

Surrogate Quality Control

Analysis Name: BTEX+MTBE by 8260B
Batch number: Z043032AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4385215	90	87	92	88
Blank	88	89	92	88
LCS	88	89	93	92
MS	90	89	92	91
MSD	90	88	92	91
Limits:	81-120	82-112	85-112	83-113

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background result was more than four times the spike added.

 **Lancaster Laboratories**
Where quality is a science.

Accl. #: 10880 For Lancaster Laboratories use only Group # 917506
Sample #: 4385215 SCR#:

1021 04-11

102104-11										Analyses Requested									
Facility #: 9-0260										<div>Matrix</div> <div>Preservation Codes</div> <div>Preservative Codes</div>									
Site Address: 21995 Foothill Blvd, Hayward																			
Chevron PM: Streich Lead Consultant:																			
Consultant/Office: Cambria																			
Consultant Prj. Mgr.: Foss																			
Consultant Phone #: 510 420 3350 Fax #: 510 420 9170										<div>8021 MTBE Confirmation</div> <div>Confirm MTBE + Naphthalene</div> <div>Confirm highest hit by 8260</div> <div>Confirm all hits by 8260</div> <div>Run oxy's on highest hit</div> <div>Run oxy's on all hits</div>									
Sampler: S. Owen																			
Service Order #: Non SAR:																			
Sample Identification																			
Date Collected																			
Time Collected										Grab									
Composite										Soil									
Water										Oil									
Air										Total Number of Containers									
BTEX + MTBE 8021 8260 Naphth										8260 full scan									
Oxygenates										TPH G									
TPH D										TPH H									
Lead Total										VPHEPH									
NWTPH HClD										quantification									
Comments / Remarks																			
Turnaround Time Requested (TAT) (please circle)										Relinquished by: Sarah Lody Owen									
STD TAT										Date 10/21/04									
72 hour										Time 10:15									
48 hour										Received by: Andrew Amaze									
24 hour										Date 10/21/04									
4 day										Time 1530									
5 day										Received by: DHR									
Data Package Options (please circle if required)										Relinquished by:									
QC Summary										Date									
Type VI (Raw Data)										Time									
WIP (RWQCB)										Received by:									
Disk										Date									
Type I - Full										Time									
Disk / EDD										Received by:									
Standard Format										Date									
Cust. Other.										Time									
Not Needed (MAY 07)										Relinquished by Commercial Carrier:									
For Sample Owens 10-21-04										UPS FedEx Other									
Temperature Upon Receipt 12-4.5 C										Received by: [Signature]									
Custody Seals Intact? Yes No										Date 10-22-04									
										Time 0900									

Lancaster Laboratories, Inc., 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 (717) 656-2300
Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

3566 Rev. 1/31/02

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

N.D.	none detected	BMQL	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	MPN	Most Probable Number
IU	International Units	CP Units	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	NTU	nephelometric turbidity units
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
ug	microgram(s)	mg	milligram(s)
ml	milliliter(s)	l	liter(s)
m3	cubic meter(s)	ul	microliter(s)
<	less than - The number following the sign is the <u>limit of quantitation</u> , the smallest amount of analyte which can be reliably determined using this specific test.		
>	greater than		
J	estimated value - The result is \geq the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).		
ppm	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.		
ppb	parts per billion		
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.		

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	B	Value is $<$ CRDL, but \geq IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns $>25\%$	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

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