

CAMBRIA

March 4, 2005

Ms. Castillo 1180 Rex Road Hayward, CA 94541

Re:

Residential Well Sampling Results - 1180 Rex Road

Associated with Former Chevron SS 9-0260

21995 Foothill Blvd. Hayward, California

Cambria Project No. 31H-1915, ACHCSA No. RO0000383

Dear Ms. Castillo:



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 September 29, 2004, Sarah Owen of Cambria and Kendal Smeeth of SmeethCo visited you to sample the private well on your property. Specific details, such as depth and construction, were and remain unknown 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 contain no detectable concentrations of the analyzed chemicals. There was no total petroleum hydrocarbons TPHg (gasoline), methyl tertiary butyl ether (MTBE), benzene, toluene, ethylbenzene, or xylenes in the groundwater sample collected from your well.

Cambria Environmental Technology, Inc.

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

CAMBRIA

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

Alormation County

Environmental Health

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 914590. Samples arrived at the laboratory on Saturday, October 02, 2004. The PO# for this group is 99011184 and the release number is STREICH.

Client Description
Castillo Grab Water Sample

Lancaster Labs Number

4366912

1 COPY TO

Cambria Environmental

Attn: Bob Foss

Questions? Contact your Client Services Representative Alison M O'Connor at (717) 656-2300.

Respectfully Submitted,

Lancaster Laboratories Sample No. WW 4366912

Castillo Grab Water Sample Facility# 90260

21995 Foothill Blvd. - Hayward, CA

Collected: 09/29/2004 18:45

Submitted: 10/02/2004 09:20 ChevronTexaco

6001 Bollinger Canyon Rd L4310

Account Number: 10880

Reported: 10/13/2004 at 13:19 Discard: 11/13/2004 San Ramon CA 94583

CASTI

				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of 7 gasoline constituents eluting patent time.					
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	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/1	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

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

Laboratory Chronicle

CAT				Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	10/04/2004 18:07	Martha L Seidel	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	10/12/2004 09:58	Anita M Dale	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/04/2004 18:07	Martha L Seidel	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/12/2004 09:58	Anita M Dale	n.a.

Quality Control Summary

Client Name: ChevronTexaco Group Number: 914590

Reported: 10/13/04 at 01:19 PM

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

Analysis Name	Blank <u>Result</u>	Blank <u>MDL</u>	Report <u>Units</u>	LCS %REC	LCSD <u>%REC</u>	LCS/LCSD <u>Limits</u>	RPD	RPD Max
Batch number: 04278A56A TPH-GRO - Waters	Sample no N.D.	umber(s): 50.	4366912 ug/l	120	119	70-130	1	30
Batch number: Z042862AA	Sample n	umber(s):	4366912					
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	95		77-127		
Benzene	N.D.	0.5	uq/1	98		85-117		· ·
Toluene	N.D.	0.5	ug/1	98		85-115		
Ethylbenzene	N.D.	0.5	ug/l	99		82-119		
Xylene (Total)	N.D.	0.5	ug/l	99		83-113		

Sample Matrix Quality Control

Analysis Name	ms <u>%rec</u>	MSD %REC	MS/MSD <u>Limits</u>	RPD	RPD <u>MAX</u>	BKG Conc	DUP Conc	DUP RPD	Dup RPD <u>Max</u>
Batch number: 04278A56A TPH-GRO - Waters	Sample 128	number 133	(s): 4366912 63-154	4	30				
Batch number: Z042862AA	Sample	number	(s): 4366912						
Methyl Tertiary Butyl Ether	89 -	92	69-134	4	30				
Benzene	96	101	83-128	5	30				
Toluene	93	99	83-127	5	30				
Ethylbenzene	95	99	82-129	4	30				
Xylene (Total)	91	94	82-130	3	30				

Surrogate Quality Control

Analysis Name: TPH-GRO - Waters Batch number: 04278A56A Trifluorotoluene-F

4366912	106			 		
Blank	105	_				
LCS	113					
LCSD	104					
MS	106					
MSD	111					
			•			

- *- 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

Group Number: 914590

Reported: 10/13/04 at 01:19 PM

Surrogate Quality Control

Limits:

57-146

Analysis Name: BTEX+MTBE by 8260B Batch number: Z042862AA

Datem mail	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4366912	106	102	105	103
Blank	105	102	105	103
LCS	105	102	105	104
MS	106	103	104	104
MSD	106	103	104	103
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.

Chevron California Region Analysis Request/Chain of Custody

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Explanation of Symbols and Abbreviations

Inorganic Qualifiers

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
เบ	International Units	CP Units	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	NTU	nephelometric turbidity units
С	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)	Ī	liter(s)
m3	cubic meter(s)	ut	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 ≥ 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/t), 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.

Defined in case narrative

U.S. EPA CLP Data Qualifiers:

X.Y.Z

	Organic Quanners		morganic waamiers
Α	TIC is a possible aldol-condensation product	В	Value is <crdl, but="" th="" ≥idl<=""></crdl,>
В	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	W	Post digestion spike out of control limits
	confirmation columns >25%	*	Duplicate analysis not within control limits
U	Compound was not detected	+	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.

Organic Qualifiers

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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