

July 15, 2003

Mr. Barney Chan
Alameda County Health Care Services
Department of Environmental Health
1153 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

RO 464
AG

Re: **Interim Corrective Action Overpurge Results**
Wells MW-4 and MW-7, Second Quarter, 2003
Chevron Service Station No. 9-1851
451 Hegenberger Road.
Oakland, California



Dear Mr. Chan:

Cambria Environmental Technology, Inc. (Cambria) has been authorized by Chevron Products Company (Chevron) to conduct periodic overpurging of groundwater the above referenced site. Overpurging events were approved as part of Delta Environmental Consultants, Inc. (Delta) *Interim Corrective Action Plan*, dated August 1, 2000. A site vicinity map is shown as Figure 1 and a site plan is shown as Figure 2.

Presented below are the results of the Second Quarter, 2003 overpurge event conducted on May 20, 2003. Fieldwork included taking depth to water measurements and sample collection for chemical analysis of dissolved petroleum hydrocarbons.

Groundwater elevations were calculated for monitoring wells MW-1 through MW-7 using depth to groundwater measurements. Groundwater elevations and depth to water measurements are presented in Table 1. Measurements recorded on May 20, 2003 were used to create the pre- and post-purge groundwater elevation contour maps shown as Figures 3 and 4, respectively.

SCOPE OF WORK AND RESULTS

The purging of monitoring wells MW-4 and MW-7 occurred over approximately 5 hours. Groundwater samples were collected before and after each overpurge event.

Laboratory Analysis: Groundwater samples were analyzed for:

- Total Petroleum Hydrocarbons as gasoline (TPHg) by modified EPA Method 8015;

**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

- BTEX and MTBE by EPA Method 8260.

Volume of Impacted Groundwater Removed: Approximately 600 gallons of groundwater were extracted from monitoring wells MW-4 and MW-7. Based on average concentrations of TPHg and MTBE reported in groundwater samples collected from MW-4 and MW-7 during each event, it is estimated that approximately 0.000228 gallons of TPHg and 0.001067 gallons of MTBE were extracted from groundwater during this event. Groundwater extraction data are shown on Table 2.



CLOSING

Please contact Robert Foss at (510) 420-3348 or bfoss@cambria-env.com with any questions or comments.

Sincerely,
Cambria Environmental Technology, Inc.

Ian Robb
Staff Geologist

Stephan A. Bork
for: Robert C. Foss, R.G.
Senior Project Geologist

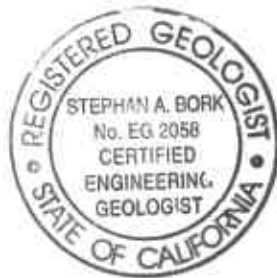
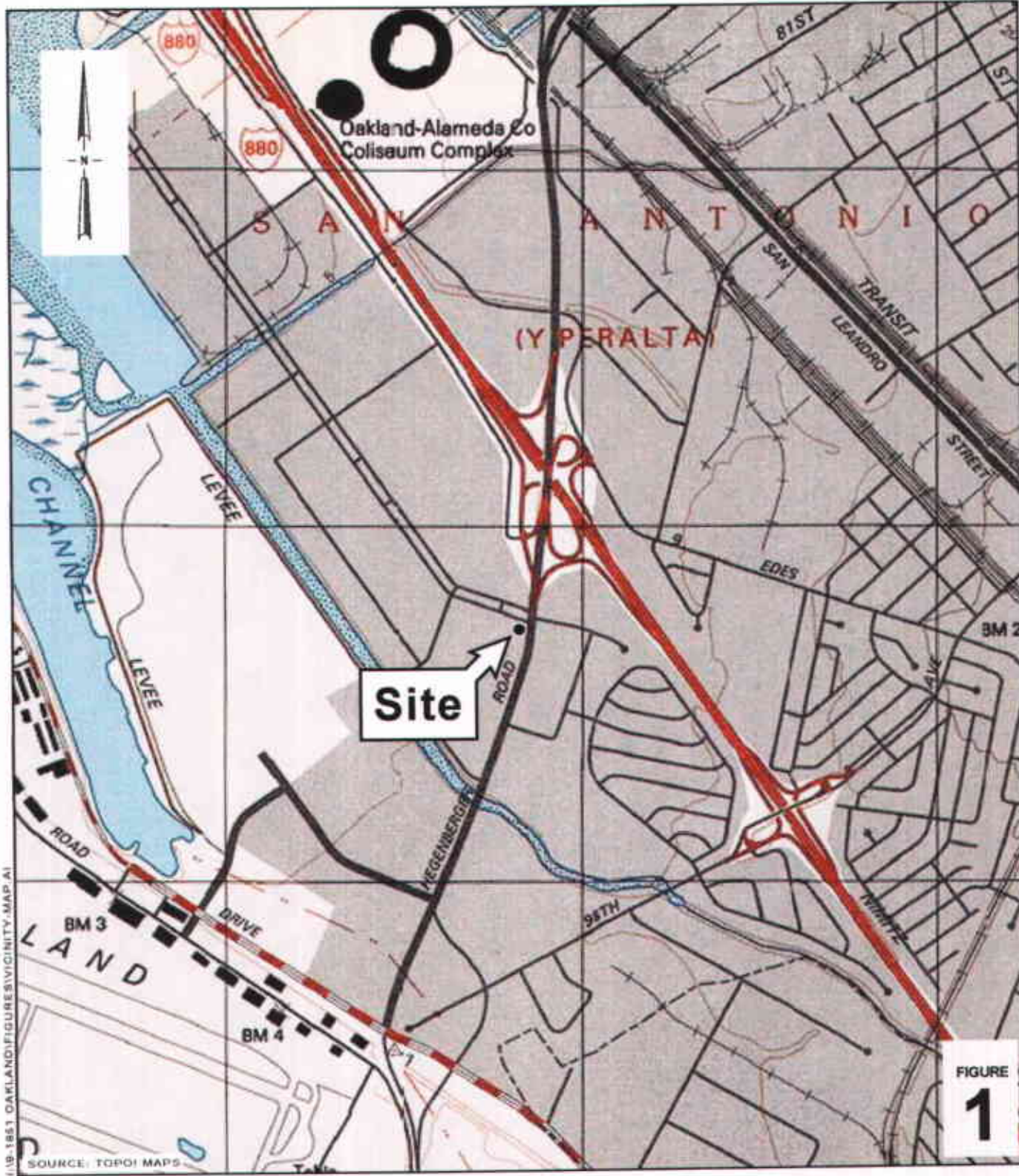


Figure: 1 – Vicinity Map
 2 – Site Map
 3 – Groundwater Elevation Contour Map (pre-purge)
 4 – Groundwater Elevation Contour Map (post-purge)

Tables: 1 – Groundwater Elevation Data
 2 – Groundwater Extraction Data
 3 – Groundwater Analytical Results

Attachments: A – Analytical Results



1:18,1851 OAKLAND VICINITY MAP, A1
SOURCE: TOPOI MAPS

FIGURE
1

0 1/8 1/4 1/2 1
SCALE : 1" = 1/4 MILE

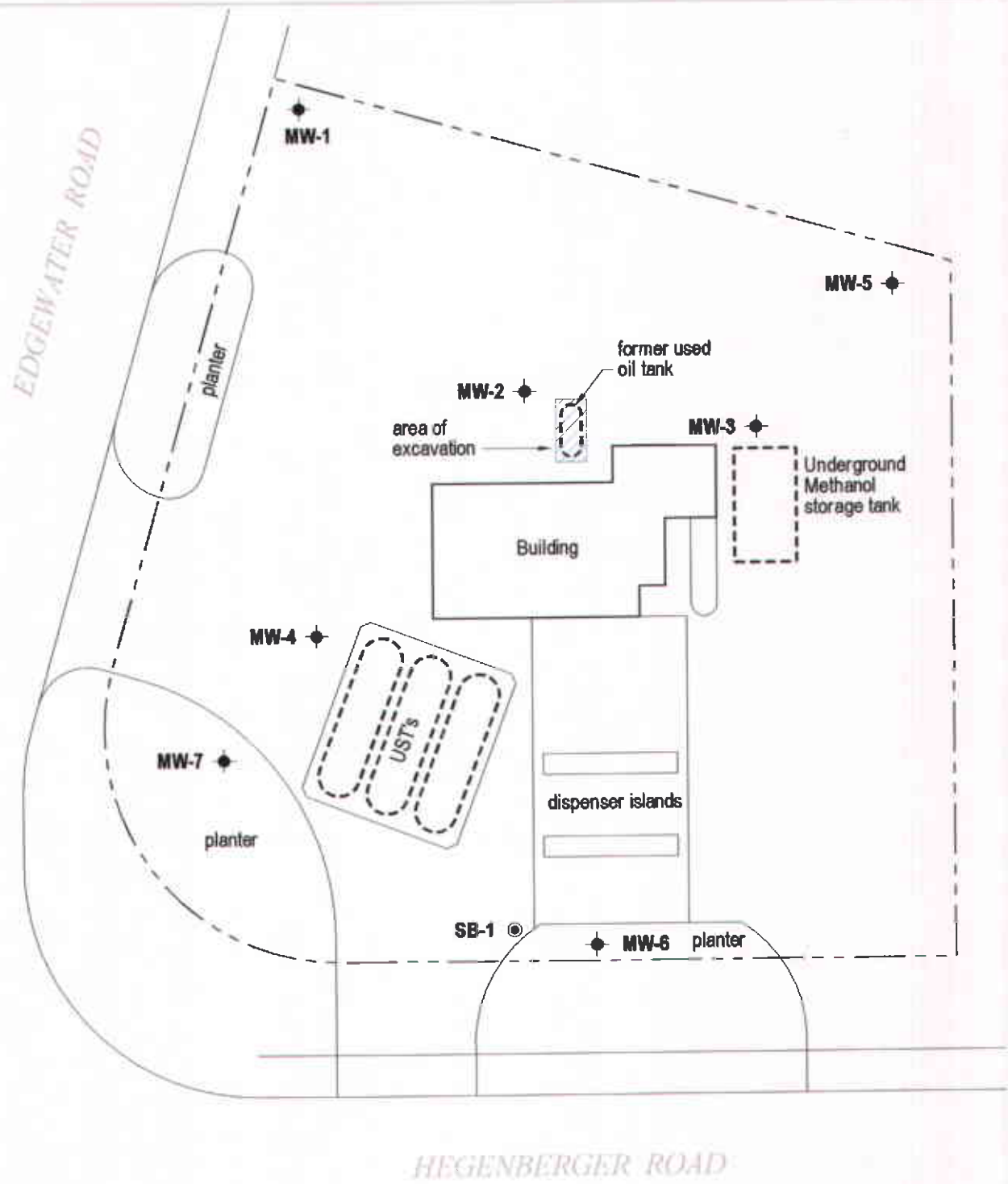
Chevron Service Station 9-1851
451 Hegenberger Road
Oakland, California



C A M B R I A

Vicinity Map

I:\9-1851 OAKLAND\FIGURES\SITEPLAN.DWG



EXPLANATION	
MW-1	Monitoring well location
SB-1	Soil boring location

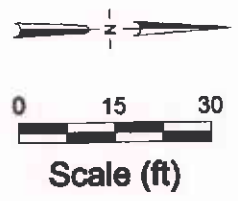


FIGURE 2

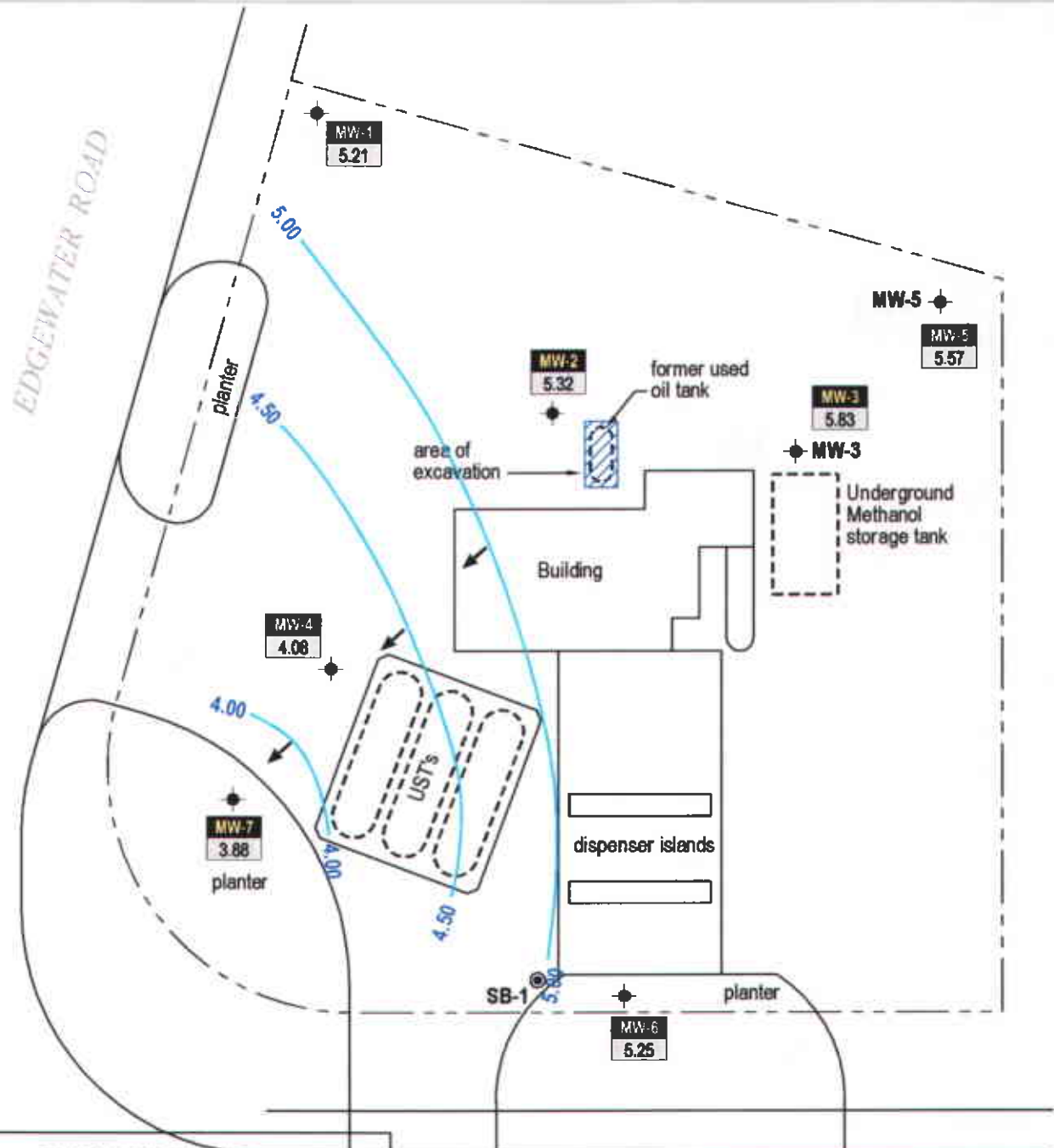
Chevron Service Station 9-1851
 451 Hegenberger Road
 Oakland, California



C A M B R I A

Site Plan

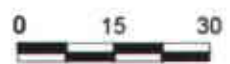
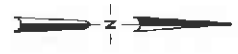
1:18-1881 CAHGLAHP10L1881-1881-PRE-DWG03.DWG



EXPLANATION

- MW-1 ◆ Monitoring well location
- SB-1 ● Soil boring location
- Groundwater flow direction
- XX.XX— Groundwater elevation contour, in feet above mean sea level (msl), dashed where inferred
- MW-3 Well designation
- XX.XX Groundwater elevation (msl)

HEGENBERGER ROAD



Scale (ft)

FIGURE 3

Chevron Service Station 9-1851
 451 Hegenberger Road
 Oakland, California



C A M B R I A

Groundwater Elevation Contour Map
 Pre-Purge

Table 1. Groundwater Elevation Data - Chevron Station 9-1851, 451 Hegenberger Road, Oakland CA

	Date	Time	Top of Casing Elevation (ft.)	Depth to Groundwater (ft)	Groundwater Elevation (ft)
Pre Purge					
MW-1	5/20/2003	09:03	8.61	3.40	5.21
MW-2	5/20/2003	09:10	9.52	4.20	5.32
MW-3	5/20/2003	09:20	9.08	3.25	5.83
MW-4	5/20/2003	09:35	9.48	5.40	4.08
MW-5	5/20/2003	08:52	8.77	3.20	5.57
MW-6	5/20/2003	09:55	11.45	6.20	5.25
MW-7	5/20/2003	09:45	10.58	6.70	3.88
Post Purge					
MW-1	5/20/2003	15:25	8.61	3.10	5.51
MW-2	5/20/2003	15:15	9.52	3.90	5.62
MW-3	5/20/2003	15:30	9.08	3.10	5.98
MW-4	5/20/2003	15:00	9.48	11.30	-1.82
MW-5	5/20/2003	15:45	8.77	3.40	5.37
MW-6	5/20/2003	15:05	11.45	6.20	5.25
MW-7	5/20/2003	14:50	10.58	8.00	2.58

Table 2. Groundwater Extraction Data - Chevron Station 9-1851, 451 Hegenberger Road, Oakland CA

Date	Extracted Groundwater Per Event (Gallons)	Cumulative Extracted Groundwater Volume (Gallons)	Extracted TPHg Volume Per Event* (Gallons)	Extracted MTBE Volume Per Event* (Gallons)	Cumulative Extracted TPHg Volume (Gallons)	Cumulative Extracted MTBE Volume (Gallons)
5/3/2001	200	200	0.000086	0.00047	0.000086	0.000470
6/6/2001	508	708	0.000222	0.00192	0.000308	0.002390
8/30/2001	400	1,108	0.000243	0.00082	0.000551	0.003210
1/15/2002	450	1,558	0.000255	0.00071	0.000806	0.003920
3/5/2002	700	2,258	0.000301	0.00101	0.001107	0.004030
6/18/2002	700	2,958	0.000263	0.00113	0.001370	0.005160
8/8/2002	750	3,700	0.000139	0.00081	0.001509	0.005970
10/31/2002	630	4,338	0.000238	0.00073	0.001747	0.006700
5/20/2003	600	4,938	0.000228	0.00107	0.002027	0.007767

Abbreviations/Notes:

TPHg = Total Petroleum Hydrocarbons as Gasoline
 MTBE = Methyl Tertiary Butyl Ether

* VTPH = VGW [TPH] $\rho_{\text{gw}}/\rho_{\text{TPH}}$

Where:

VTPH = Volume of TPH as gasoline in gallons

Vgw = Volume of Groundwater in million gallons

[TPH] = Average TPH as gasoline concentrations in milligrams per liter (mg/L)

ρ_{TPH} = density of TPH as gasoline = 6.1 lbs/gal.

ρ_{gw} = density of groundwater = 8.34 lbs/gal.

ρ_{MTBE} = density of MTBE = 6.16 lbs/gal.

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Table 3. Groundwater Analytical Results - Chevron Station 9-1851, 451 Hegenberger Road, Oakland CA

Sample ID	Sample Date	TPHg	B	T	E	X	MTBE
Concentrations reported in micrograms per Liter - ug/l = Parts Per Billion							
MW-4-853	5/3/2001	491	<2.5	<2.5	<2.5	<2.5	2,020*/4,270
MW-4-1505	5/3/2001	370	<2.5	<2.5	<2.5	<2.5	3,330*/4,250
MW-7-830	5/3/2001	191	<0.5	<0.5	<0.5	<0.5	1,070*/1,190
MW-7-1505	5/3/2001	201	0.619	<0.5	1.65	0.961	472*/647
MW-4-745	6/11/2001	520	<5.0	<5.0	<5.0	<5.0	4,000*/3,700
MW-4-1500	6/11/2001	<500	<5.0	<5.0	<5.0	<5.0	5,900*/3,500
MW-7-730	6/11/2001	130	<5.0	<5.0	<5.0	<5.0	730*/690
MW-7-1510	6/11/2001	130	<5.0	<5.0	<5.0	<5.0	590*/560
MW-4-825	8/30/2001	720	<1.0	<1.0	<1.0	<1.0	3,000
MW-4-1510	8/30/2001	590	<1.0	<1.0	<1.0	<1.0	2,600
MW-7-815	8/30/2001	140	<1.0	<1.0	<1.0	<1.0	400
MW-7-1520	8/30/2001	330	<1.0	<1.0	<1.0	<1.0	97
MW-4-815	1/15/2002	640	<1.0	<1.0	<1.0	<1.0	2,800
MW-4-1450	1/15/2002	290	<0.5	<0.5	<0.5	<0.5	1,100
MW-7-820	1/15/2002	89	<0.5	<0.5	<0.5	<0.5	290
MW-7-1455	1/15/2002	210	<0.5	<0.5	<0.5	<0.5	460
MW-4-825	3/5/2002	420	<1.0	<1.0	<1.0	<1.0	2,200
MW-4-1510	3/5/2002	160	<3.0	<3.0	<3.0	<3.0	1,200
MW-7-815	3/5/2002	140	<0.5	<0.5	<0.5	<0.5	440
MW-7-1520	3/5/2002	540	<0.5	<0.5	<0.5	<0.5	440
MW-4-916	6/18/2002	530	<0.5	<0.5	<0.5	<0.5	2,900
MW-4-1543	6/18/2002	180	<0.5	<0.5	<0.5	<0.5	1,200
MW-7-905	6/18/2002	120	<0.5	<0.5	<0.5	<0.5	290
MW-7-1602	6/18/2002	270	<0.5	<0.5	<0.5	<0.5	400

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Table 3. Groundwater Analytical Results - Chevron Station 9-1851, 451 Hegenberger Road, Oakland CA

Sample ID	Sample Date	TPHg	B	T	E	X	MTBE
Concentrations reported in micrograms per Liter - ug/l = Parts Per Billion							
MW-4-900	8/8/2002	370	<0.5	<0.5	<0.5	<0.5	2,400
MW-4-1550	8/8/2002	<50	<0.5	<0.5	<0.5	<0.5	220
MW-7-855	8/8/2002	74	<0.5	<0.5	<0.5	<0.5	190
MW-7-1610	8/8/2002	50	<0.5	<0.5	<0.5	<0.5	400
MW-4-850	10/31/2002	490	<0.5	<0.5	<0.5	<0.5	2,200
MW-4-1544	10/31/2002	330	0.9	1	2	13	770
MW-7-840	10/31/2002	89	<0.5	<0.5	<0.5	<0.5	230
MW-7-1535	10/31/2002	200	<0.5	<0.5	<0.5	<0.5	260
MW-4-935	5/20/2003	340	<0.5	0.5	<0.5	<0.5	1,400
MW-4-1500	5/20/2003	140	<0.5	8	2	13	190
MW-7-945	5/20/2003	93	<0.5	<0.5	<0.5	<0.5	170
MW-7-1450	5/20/2003	210	2	22	4	27	210

Abbreviations/Notes:

Total petroleum hydrocarbons as gasoline (TPHg) by EPA Method 8015M
 Benzene, toluene, ethylbenzene and xylenes (BTEX) by EPA Method 8260B
 Methyl tertiary butyl ether (MTBE) by EPA Method 8260B, * = by EPA method 8021
 <x = Not detected above method detection limit

ATTACHMENT A

Analytical Results



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 852965. Samples arrived at the laboratory on Thursday, May 22, 2003. The PO# for this group is 99011184 and the release number is STREICH.

<u>Client Description</u>			<u>Lancaster Labs Number</u>
MW-4a-W-030520	Grab	Water	4049346
MW-4b-W-030520	Grab	Water	4049347
MW-7a-W-030520	Grab	Water	4049348
MW-7b-W-030520	Grab	Water	4049349

1 COPY TO

Cambria Environmental

Attn: Bob Foss

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

Respectfully Submitted,


Robert E. Mellinger
Sr. Chemist/Coordinator



Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

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		
↓	estimated value - The result falls within the Method Detection Limit (MDL) and 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 GLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldehyde-condensation product	B	Value is <CPDL, but ≥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	M	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
↓	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 NELAP unless otherwise noted under the individual analysis.

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

Test 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.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL LANCASTER LABORATORIES BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF LANCASTER LABORATORIES AND (B) WHETHER LANCASTER LABORATORIES HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Lancaster Laboratories which includes any conditions that vary from the Standard Terms and Conditions of Lancaster Laboratories and we hereby object to any conflicting terms contained in any acceptance or order submitted by client.



Lancaster Laboratories Sample No. **WW 4049346**

Collected: 05/20/2003 09:30 by DR

Account Number: 10880

Submitted: 05/22/2003 09:20
 Reported: 06/05/2003 at 09:19
 Discard: 07/06/2003
 MW-4a-W-030520

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

Grab Water

Facility# 91851 CETR
 451 HEGENBERGER-OAKLAND T0600102238 MW-4

4A151

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01728	TPH-GRO - Waters	n.a.	340.		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. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.							
01594	BTEX + Oxygenates by 8260B						
02010	Methyl Tertiary Butyl Ether	1634-04-4	1,400.		5.	ug/l	10
05401	Benzene	71-43-2	N.D.		0.5	ug/l	1
05407	Toluene	108-88-3	0.5		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

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	05/23/2003 09:17	Melissa D Mann	1
01594	BTEX + Oxygenates by 8260B	SW-846 8260B	1	05/31/2003 01:39	John B Kiser	1
01594	BTEX + Oxygenates by 8260B	SW-846 8260B	1	06/02/2003 10:01	John B Kiser	10
01146	GC VOA Water Prep	SW-846 5030B	1	05/23/2003 09:17	Melissa D Mann	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/31/2003 01:39	John B Kiser	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	2	06/02/2003 10:01	John B Kiser	n.a.



Lancaster Laboratories, Inc.
 2425 New Holland Pike
 PO Box 12425
 Lancaster, PA 17605-2425
 717-656-2300 Fax: 717-656-2681

Explanation of Symbols and Abbreviations

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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 falls within the Method Detection Limit (MDL) and 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 alcohol-condensation product	B	Value is <ORDL, but ≥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.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL LANCASTER LABORATORIES BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF LANCASTER LABORATORIES AND (B) WHETHER LANCASTER LABORATORIES HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Lancaster Laboratories which includes any conditions that vary from the Standard Terms and Conditions of Lancaster Laboratories and we hereby object to any conflicting terms contained in any acceptance or order submitted by client.



Lancaster Laboratories Sample No. WW 4049347

Collected: 05/20/2003 15:00 by DR

Account Number: 10880

Submitted: 05/22/2003 09:20

ChevronTexaco

Reported: 06/05/2003 at 09:19

6001 Bollinger Canyon Rd L4310

Discard: 07/06/2003

MW-4b-W-030520

Grab Water

San Ramon CA 94583

Facility# 91851

CETR

451 HEGENBERGER-OAKLAND T0600102238 MW-4

4B151

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01728	TPH-GRO - Waters	n.a.	140.		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. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.							
01594	BTEX + Oxygenates by 8260B						
02010	Methyl Tertiary Butyl Ether	1634-04-4	190.		1.	ug/l	2.5
05401	Benzene	71-43-2	0.5		0.5	ug/l	1
05407	Toluene	108-88-3	8.		0.5	ug/l	1
05415	Ethylbenzene	100-41-4	2.		0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	13.		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 No.	Analysis Name	Method	Analysis			Dilution Factor
			Trial#	Date and Time	Analyst	
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	05/23/2003 09:49	Melissa D Mann	1
01594	BTEX + Oxygenates by 8260B	SW-846 8260B	1	05/30/2003 00:51	John B Kiser	1
01594	BTEX + Oxygenates by 8260B	SW-846 8260B	1	05/30/2003 12:00	John B Kiser	2.5
01146	GC VOA Water Prep	SW-846 5030B	1	05/23/2003 09:49	Melissa D Mann	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/30/2003 00:51	John B Kiser	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	2	05/30/2003 12:00	Denise M Russell	n.a.



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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 falls within the Method Detection Limit (MDL) and 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 <ORDL, but ≥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
H	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

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Lancaster Laboratories Sample No. WW 4049348

Collected: 05/20/2003 09:45 by DR

Account Number: 10880

Submitted: 05/22/2003 09:20
 Reported: 06/05/2003 at 09:19
 Discard: 07/06/2003
 MW-7a-W-030520

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

Grab Water

Facility# 91851 CETR
 451 HEGENBERGER-OAKLAND T0600102238 MW-7

7A151

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01728	TPH-GRO - Waters	n.a.	93.		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. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.							
01594	BTEX + Oxygenates by 8260B						
02010	Methyl Tertiary Butyl Ether	1634-04-4	170.		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

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	05/23/2003 08:12	Melissa D Mann	1
01594	BTEX + Oxygenates by 8260B	SW-846 8260B	1	05/30/2003 01:23	John B Kiser	1
01146	GC VOA Water Prep	SW-846 5030B	1	05/23/2003 08:12	Melissa D Mann	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/30/2003 01:23	John B Kiser	n.a.



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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 falls within the Method Detection Limit (MDL) and 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 <ORDL, but ≥IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	W	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

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Lancaster Laboratories Sample No. WW 4049349

Collected: 05/20/2003 14:50 by DR

Account Number: 10880

Submitted: 05/22/2003 09:20

ChevronTexaco

Reported: 06/05/2003 at 09:19

6001 Bollinger Canyon Rd L4310

Discard: 07/06/2003

MW-7b-W-030520

Grab Water

San Ramon CA 94583

Facility# 91851

CETR

451 HEGENBERGER-OAKLAND T0600102238 MW-7

7B151

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	210.	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. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						
01594	BTEX + Oxygenates by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	270.	1.	ug/l	2.5
05401	Benzene	71-43-2	2.	0.5	ug/l	1
05407	Toluene	108-88-3	22.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	4.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	27.	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 No.	Analysis Name	Method	Analysis			Dilution Factor
			Trial#	Date and Time	Analyst	
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	05/23/2003 08:44	Melissa D Mann	1
01594	BTEX + Oxygenates by 8260B	SW-846 8260B	1	05/30/2003 12:31	John B Kiser	1
01594	BTEX + Oxygenates by 8260B	SW-846 8260B	1	05/30/2003 13:34	John B Kiser	2.5
01146	GC VOA Water Prep	SW-846 5030B	1	05/23/2003 08:44	Melissa D Mann	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/30/2003 12:31	John B Kiser	n.a.



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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 falls within the Method Detection Limit (MDL) and 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 <MDL, but ≥IDL
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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

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Quality Control Summary

Client Name: ChevronTexaco
 Reported: 06/05/03 at 09:19 AM

Group Number: 852965

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: 03141A51B TPH-GRO - Waters	Sample number(s): 4049346-4049349		N.D.	50.	ug/l	106	107	70-130	1	30
Batch number: P031491AA Methyl Tertiary Butyl Ether	Sample number(s): 4049347-4049348		N.D.	0.5	ug/l	95		77-127		
Benzene	N.D.	0.5	ug/l	99		85-117				
Toluene	N.D.	0.5	ug/l	95		85-115				
Ethylbenzene	N.D.	0.5	ug/l	96		82-119				
Xylene (Total)	N.D.	0.5	ug/l	99		84-120				
Batch number: P031491AB Methyl Tertiary Butyl Ether	Sample number(s): 4049347,4049349		N.D.	0.5	ug/l	95		77-127		
Benzene	N.D.	0.5	ug/l	99		85-117				
Toluene	N.D.	0.5	ug/l	95		85-115				
Ethylbenzene	N.D.	0.5	ug/l	96		82-119				
Xylene (Total)	N.D.	0.5	ug/l	99		84-120				
Batch number: P031501AA Benzene	Sample number(s): 4049346		N.D.	0.5	ug/l	98		85-117		
Toluene	N.D.	0.5	ug/l	94		85-115				
Ethylbenzene	N.D.	0.5	ug/l	92		82-119				
Xylene (Total)	N.D.	0.5	ug/l	97		84-120				
Batch number: P031501AB Methyl Tertiary Butyl Ether	Sample number(s): 4049346		N.D.	0.5	ug/l	93		77-127		

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>BKG</u>	<u>DUP</u>	<u>DUP</u>	<u>Dup RPD</u>	<u>Dup Max</u>
	<u>%REC</u>	<u>%REC</u>	<u>Limits</u>	<u>RPD</u>	<u>MAX</u>	<u>Conc</u>	<u>Conc</u>	<u>RPD</u>	<u>Max</u>
Batch number: 03141A51B TPH-GRO - Waters	Sample number(s): 4049346-4049349		134*	70-130					
Batch number: P031491AA Methyl Tertiary Butyl Ether	Sample number(s): 4049347-4049348		96	98	69-134	1	30		
Benzene	106	109	83-128	2	30				
Toluene	103	104	83-127	2	30				
Ethylbenzene	103	103	82-134	1	30				
Xylene (Total)	108	109	82-130	1	30				
Batch number: P031491AB Methyl Tertiary Butyl Ether	Sample number(s): 4049347,4049349		96	98	69-134	1	30		
Benzene	106	109	83-128	2	30				
Toluene	103	104	83-127	2	30				
Ethylbenzene	103	103	82-134	1	30				
Xylene (Total)	108	109	82-130	1	30				
Batch number: P031501AA Benzene	Sample number(s): 4049346		107	105	83-128	1	30		
Toluene	99	98	83-127	1	30				
Ethylbenzene	99	97	82-134	2	30				

*- 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.



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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.		
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J	estimated value - The result falls within the Method Detection Limit (MDL) and Limit of Quantitation (LOQ).		
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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.		

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B	Analyte was also detected in the blank	E	Estimated due to interference
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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
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Quality Control Summary

Client Name: ChevronTexaco
 Reported: 06/05/03 at 09:19 AM

Group Number: 852965

Sample Matrix Quality Control

Analysis Name	MS	MSD	MS/MSD	RPD	BKG	DUP	DUP	Dup RPD Max
Xylene (Total)	%REC	%REC	Limits	RPD	MAX	Conc	Conc	RPD
Batch number: P031501AB	104	103	82-130	1	30			
Methyl Tertiary Butyl Ether	97	95	69-134	2	30			
								Sample number(s): 4049346

Surrogate Quality Control

Analysis Name: TPH-GRO - Waters
 Batch number: 03141A51B
 Trifluorotoluene-F

4049346	90
4049347	89
4049348	88
4049349	91
Blank	90
LCS	90
LCSD	92
MS	93

Limits: 57-146

Analysis Name: BTEX + Oxygenates by 8260B
 Batch number: P031491AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4049347	107	105	100	101
4049348	106	105	101	100
Blank	106	104	100	100
LCS	107	103	99	98
MS	107	107	100	100
MSD	107	101	99	100

Limits: 81-120 82-112 85-112 83-113

Analysis Name: BTEX + Oxygenates by 8260B
 Batch number: P031501AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4049349	106	103	102	100
Blank	108	103	103	100
LCS	107	103	99	98
MS	107	107	100	100
MSD	107	101	99	100

Limits: 81-120 82-112 85-112 83-113

Analysis Name: BTEX + Oxygenates by 8260B
 Batch number: P031501AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene

- *- 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.



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		
U	estimated value - The result falls within the Method Detection Limit (MDL) and 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 acid-condensation product	D	Value is <OPDL, but ≥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 NELAP unless otherwise noted under the individual analysis.

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

Test 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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Quality Control Summary

Client Name: ChevronTexaco
 Reported: 06/05/03 at 09:19 AM

Group Number: 852965

Surrogate Quality Control

4049346	109	108	100	99
Blank	106	107	102	100
LCS	105	109	99	99
MS	107	106	97	97
MSD	107	108	97	99
<hr/>				
Limits:	81-120	82-112	85-112	83-113
<hr/>				
Analysis Name: 8260 Master Scan (water)				
Batch number: P031501AB				
	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
Blank	107	107	101	97
LCS	105	109	99	99
MS	107	106	97	97
MSD	107	108	97	99
<hr/>				
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.



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 PO Box 12425
 Lancaster, PA 17605-2425
 717-656-2300 Fax: 717-656-2681

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meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
µg	microgram(s)	mg	milligram(s)
ml	milliliter(s)	l	liter(s)
m³	cubic meter(s)	µl	microliter(s)
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U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	B	Value is <ORDL, but >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
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Chevron California Region Analysis Request/Chain of Custody



052103-001

Acct. #: 10880 For Lancaster Laboratories use only
 Sample #: 4049346-49 SCR#: _____

GR# 852965

Facility #: 9-1851
 Site Address: 451 Hegenberger Rd. Oakland, CA
 Chevron PM: Karen Streich Lead Consultant: Cambria
 Consultant/Office: Emeryville
 Consultant Prj. Mgr.: Bob Foss
 Consultant Phone #: (510) 420-3348 Fax #: (510) 420-9170
 Sampler: Dan Robb
 Service Order #: _____ Non SAR:

Analyses Requested

Preservation Codes

Preservative Codes

H = HCl T = Thiosulfate
 N = HNO₃ B = NaOH
 S = H₂SO₄ O = Other

- J value reporting needed
- Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation

- Confirm highest hit by 8260
- Confirm all hits by 8260
- Run ___ oxy's on highest hit
- Run ___ oxy's on all hits

Field Point Name	Matrix	Repeat Sample	Top Depth	Year	Month	Day	Time Collected	New Field Pt.	Grab	Composite	Total Number of Containers	BTEX + MTBE 8260 8021	TPH 8015 MOD GRO	TPH 8015 MOD DRO Silica Gel Cleanup	8260 full scan	Oxygenates	Lead 7420 7421
MW-4a	W			03	5	20	0930		X		4	X	X				
MW-4b	↓			03			1500		↓		↓	↓	↓				
MW-7a	↓						0945		↓		↓	↓	↓				
MW-7b	↓						1450		↓		↓	↓	↓				

Comments / Remarks

Turnaround Time Requested (TAT) (please circle)
 STD. TAT 72 hour 48 hour
 24 hour 4 day 5 day

Data Package Options (please circle if required)
 QC Summary Type I - Full
 Type VI (Raw Data) Coelt Deliverable not needed
 WIP (RWQCB)
 Disk

Relinquished by: <u>[Signature]</u>	Date: <u>5/21/03</u>	Time: <u>0935</u>	Received by: <u>Bernard Amey</u>	Date: <u>5/21/03</u>	Time: <u>0935</u>	
Relinquished by: <u>Bernard Amey</u>	Date: <u>5/21/03</u>	Time: <u>1450</u>	Received by: <u>FedEx</u>	Date: <u>5/21/03</u>	Time: _____	
Relinquished by: _____	Date: _____	Time: _____	Received by: _____	Date: _____	Time: _____	
Relinquished by Commercial Carrier: UPS <u>FedEx</u> Other _____	Temperature Upon Receipt <u>2.5</u> C°			Received by: <u>[Signature]</u>	Date: <u>5/22/03</u>	Time: <u>0920</u>
Custody Seals Intact? <u>Yes</u> No						