



GETTLER-RYAN INC.

Alameda County **TRANSMITTAL**

September 30, 2002

G-R #386346

OCT 17 2002

TO: Environmental Health
Mr. James Brownell
Delta Environmental Consultants, Inc.
3164 Gold Camp Drive, Suite 200
Rancho Cordova, California 95670

CC: Ms. Karen Streich
Chevron Products Company
P.O. Box 6004
San Ramon, California 94583

FROM: Deanna L. Harding
Project Coordinator
Gettler-Ryan Inc.
6747 Sierra Court, Suite J
Dublin, California 94568

RE: Chevron Service Station
#9-8341
3530 MacArthur Boulevard
Oakland, California

WE HAVE ENCLOSED THE FOLLOWING:

| COPIES | DATED | DESCRIPTION |
|--------|--------------------|---|
| 1 | September 13, 2002 | Groundwater Monitoring and Sampling Report Third Quarter - Event of August 2, 2002 |

COMMENTS:

This report is being sent for your review. Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to **October 14, 2002**, at which time the final report will be distributed to the following:

- cc: Mr. Don Hwang, Alameda County Health Care Services, Dept. of Environmental Health, 1153 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577
- Mr. Chuck Headlee, RWQCB-S.F. Bay Region, 1515 Clay St., Suite 1400, Oakland, CA 94612
- Mr. Greg Gurss, Gettler-Ryan Inc., 3140 Gold Camp Drive, Suite 170, Rancho Cordova, CA 95670

Enclosures

trans/9-8341-KS



GETTLER-RYAN INC.

September 13, 2002
G-R Job #386346

Ms. Karen Streich
Chevron Products Company
P.O. Box 6004
San Ramon, CA 94583

RE: Third Quarter Event of August 2, 2002
Groundwater Monitoring & Sampling Report
Chevron Service Station #9-8341
3530 MacArthur Boulevard
Oakland, California

Dear Ms. Streich:

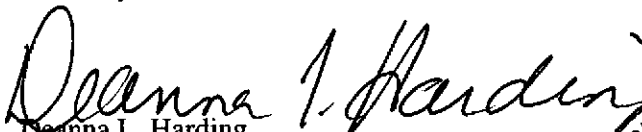
This report documents the most recent groundwater monitoring and sampling event performed by Gettler-Ryan Inc. (G-R) at the referenced site. All field work was conducted in accordance with G-R Standard Operating Procedure - Groundwater Sampling (attached).


Static groundwater levels were measured and the wells were checked for the presence of separate-phase hydrocarbons. Static water level data, groundwater elevations and separate-phase hydrocarbon thickness (if any) are presented in the attached Table 1. A Potentiometric Map is included as Figure 1.

Groundwater samples were collected from the monitoring wells and submitted to a state certified laboratory for analyses. The field data sheets for this event are attached. Analytical results are presented in the table(s) listed below. The chain of custody document and laboratory analytical report are also attached.

Please call if you have any questions or comments regarding this report. Thank you.

Sincerely,


Deanna L. Harding
Project Coordinator


Douglas J. Lee
Senior Geologist, R.G. No. 6882

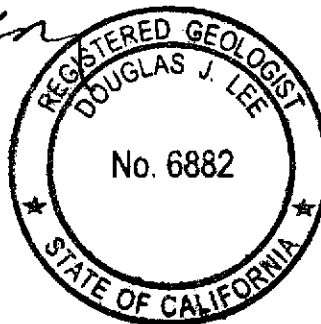
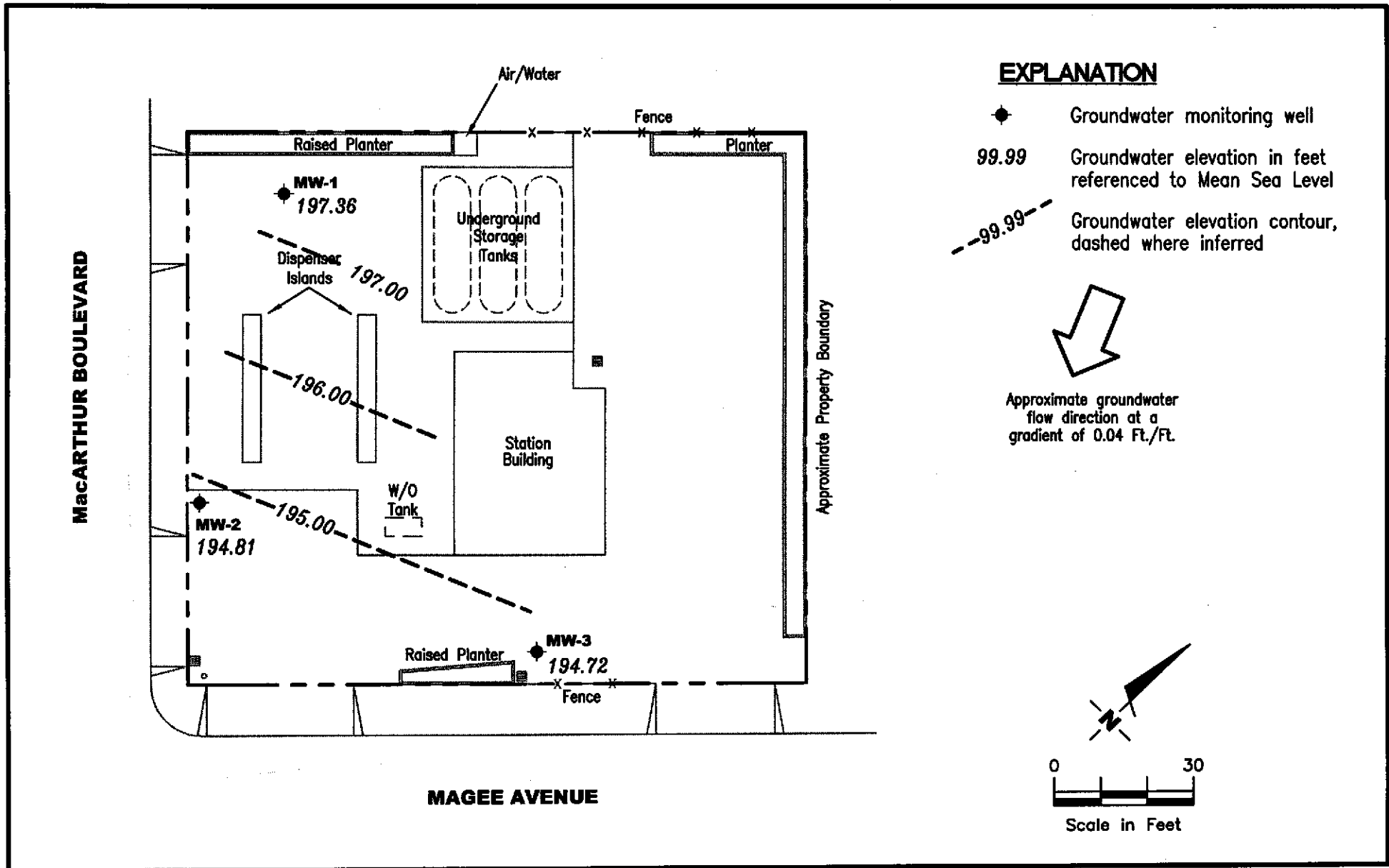


Figure 1: Potentiometric Map
Table 1: Groundwater Monitoring Data and Analytical Results
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytical Reports



GETTLER - RYAN INC.
 6747 Sierra Ct., Suite J
 Dublin, CA 94568 (925) 551-7555

POTENTIOMETRIC MAP
 Chevron Service Station #9-8341
 3530 MacArthur Boulevard
 Oakland, California

FIGURE
1

JOB NUMBER 386346 REVIEWED BY DATE August 2, 2002 REVISED DATE

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-8341
3530 MacArthur Boulevard
Oakland, California

| WELL ID/ DATE | TOC (ft.) | GWE (msl) | DTW (ft.) | TPH-G (ppb) | B (ppb) | T (ppb) | E (ppb) | X (ppb) | MTBE (ppb) |
|------------------|--------------|--------------|--------------|----------------|------------|------------|------------|------------|---------------|
| MW-1 | | | | | | | | | |
| 04/04/96 | 202.47 | 198.65 | 3.82 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | ND |
| 11/01/96 | 202.47 | 197.45 | 5.02 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 01/06/97 | 202.47 | 199.72 | 2.75 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 14 |
| 04/14/97 | 202.47 | 197.71 | 4.76 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 07/17/97 | 202.47 | 196.72 | 5.75 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 10/29/97 | 202.47 | 196.97 | 5.50 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 02/04/98 | 202.47 | 199.80 | 2.67 | <50 | 4.2 | <0.5 | <0.5 | <0.5 | 94 |
| 04/03/98 | 202.47 | 197.06 | 5.41 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 07/29/98 | 202.47 | 192.26 | 10.21 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 10/26/98 | 202.47 | 195.66 | 6.81 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 01/18/99 | 202.47 | 196.05 | 6.42 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.0 |
| 04/15/99 | 202.47 | 197.13 | 5.34 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 |
| 07/22/99 | 202.47 | 196.97 | 5.50 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 10/13/99 | 202.47 | 196.43 | 6.04 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 01/21/00 | 202.47 | 197.11 | 5.36 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 04/10/00 | 202.47 | 197.60 | 4.87 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 |
| 07/12/00 | 202.47 | 197.05 | 5.42 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | <2.50 |
| 10/05/00 | 202.47 | 196.79 | 5.68 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | <2.50 |
| 01/05/01 | 202.47 | 197.30 | 5.17 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 |
| 04/05/01 | 202.47 | 197.83 | 4.64 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 |
| 08/20/01 | 202.47 | 197.29 | 5.18 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 |
| 11/26/01 | 202.47 | 197.65 | 4.82 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| 02/14/02 | 202.47 | 197.68 | 4.79 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| 05/07/02 | 202.47 | 197.55 | 4.92 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| 08/02/02 | 202.47 | 197.36 | 5.11 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| MW-2 | | | | | | | | | |
| 04/04/96 | 198.88 | 196.07 | 2.81 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 6,100 |
| 11/01/96 | 198.88 | 195.27 | 3.61 | <500 | <5.0 | <5.0 | <5.0 | <5.0 | 2,600 |
| 01/06/97 | 198.88 | 195.97 | 2.91 | <2,000 | 31 | <20 | <20 | <20 | 4,000 |

Table 1
Groundwater Monitoring Data and Analytical Results
 Chevron Service Station #9-8341
 3530 MacArthur Boulevard
 Oakland, California

| WELL ID/ DATE | TOC (ft.) | GWE (msl) | DTW (ft.) | TPH-G (ppb) | B (ppb) | T (ppb) | E (ppb) | X (ppb) | MTBE (ppb) |
|--------------------|---------------|---------------|--------------|------------------|-----------------|-----------------|-----------------|----------------|--------------------------|
| MW-2 (cont) | | | | | | | | | |
| 04/14/97 | 198.88 | 195.43 | 3.45 | <2,000 | <20 | <20 | <20 | <20 | 5,100/5,800 ¹ |
| 07/17/97 | 198.88 | 194.98 | 3.90 | <500 | <5.0 | <5.0 | <5.0 | <5.0 | 2,300/2,900 ¹ |
| 10/29/97 | 198.88 | 192.96 | 5.92 | 120 ² | 12 | <0.5 | <0.5 | <0.5 | 810/900 ¹ |
| 02/04/98 | 198.88 | 195.05 | 3.83 | <1,000 | <10 | <10 | <10 | <10 | 2,100/2,800 ¹ |
| 04/03/98 | 198.88 | 191.55 | 7.33 | <1,000 | <10 | <10 | <10 | <10 | 3,800/3,600 ¹ |
| 07/29/98 | 198.88 | 189.86 | 9.02 | 120 ³ | <0.5 | <0.5 | <0.5 | <0.5 | 2,800/3,900 ¹ |
| 10/26/98 | 198.88 | 192.77 | 6.11 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 1,200 |
| 01/18/99 | 198.88 | 194.67 | 4.21 | <1,000 | <10 | <10 | <10 | 10.5 | 2,530 |
| 04/15/99 | 198.88 | 194.56 | 4.32 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 5,270 |
| 07/22/99 | 198.88 | 193.73 | 5.15 | <50 | 8.92 | <0.5 | <0.5 | <0.5 | 1,450 |
| 10/13/99 | 198.88 | 192.23 | 6.65 | <250 | <2.5 | <2.5 | <2.5 | <2.5 | 1,740 |
| 01/21/00 | 198.88 | 192.78 | 6.10 | 69.6 | <0.5 | <0.5 | <0.5 | <0.5 | 1,110 |
| 04/10/00 | 198.88 | 194.42 | 4.46 | <500 | <5.0 | <5.0 | <5.0 | <5.0 | 1,700 |
| 07/12/00 | 198.88 | 195.24 | 3.64 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | 187 |
| 10/05/00 | 198.88 | 194.06 | 4.82 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | <2.50 |
| 01/05/01 | 198.88 | 195.17 | 3.71 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | 1,800 |
| 04/05/01 | 198.88 | 192.94 | 5.94 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | 5,500 |
| 08/20/01 | 198.88 | 193.18 | 5.70 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | 2,000 |
| 11/26/01 | 198.88 | 193.55 | 5.33 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | 990 |
| 02/14/02 | 198.88 | 194.42 | 4.46 | 58 | <0.50 | <0.50 | <0.50 | <1.5 | 1,200 |
| 05/07/02 | 198.88 | 194.49 | 4.39 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| 08/02/02 | 198.88 | 194.81 | 4.07 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | 490 |
| MW-3 | | | | | | | | | |
| 04/04/96 | 199.10 | 195.22 | 3.88 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | ND |
| 11/01/96 | 199.10 | 194.91 | 4.19 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 01/06/97 | 199.10 | 195.29 | 3.81 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 04/14/97 | 199.10 | 194.93 | 4.17 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 07/17/97 | 199.10 | 194.92 | 4.18 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 10/29/97 | 199.10 | 193.90 | 5.20 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |

Table 1
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Chevron Service Station #9-8341
3530 MacArthur Boulevard
Oakland, California

| WELL ID/ DATE | TOC (ft.) | GWE (msl) | DTW (ft.) | TPH-G (ppb) | B (ppb) | T (ppb) | E (ppb) | X (ppb) | MTBE (ppb) |
|--------------------|--------------|--------------|--------------|----------------|------------|------------|------------|------------|---------------|
| MW-3 (cont) | | | | | | | | | |
| 02/04/98 | 199.10 | 194.71 | 4.39 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 04/03/98 | 199.10 | 195.78 | 3.32 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 07/29/98 | 199.10 | 189.24 | 9.86 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 10/26/98 | 199.10 | 193.59 | 5.51 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 01/18/99 | 199.10 | 194.68 | 4.42 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.0 |
| 04/15/99 | 199.10 | 194.54 | 4.56 | <50 | <0.5 | <0.5 | <0.5 | 1.16 | <5.0 |
| 07/22/99 | 199.10 | 192.45 | 6.65 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 3.94 |
| 10/13/99 | 199.10 | 193.79 | 5.31 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 6.55 |
| 01/21/00 | 199.10 | 193.18 | 5.92 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 04/10/00 | 199.10 | 194.32 | 4.78 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 |
| 07/12/00 | 199.10 | 193.86 | 5.24 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | <2.50 |
| 10/05/00 | 199.10 | 195.17 | 3.93 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | 39.7 |
| 01/05/01 | 199.10 | 194.85 | 4.25 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | 2.9 |
| 04/05/01 | 199.10 | 194.72 | 4.38 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 |
| 08/20/01 | 199.10 | 194.35 | 4.75 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 |
| 11/26/01 | 199.10 | 193.60 | 5.50 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| 02/14/02 | 199.10 | 194.82 | 4.28 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| 05/07/02 | 199.10 | 194.58 | 4.52 | 85 | <0.50 | <0.50 | <0.50 | <1.5 | 610 |
| 08/02/02 | 199.10 | 194.72 | 4.38 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| TRIP BLANK | | | | | | | | | |
| 11/01/96 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 01/06/97 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 04/14/97 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 07/17/97 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 10/29/97 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 02/04/98 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 04/03/98 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 07/29/98 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 10/26/98 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-8341
3530 MacArthur Boulevard
Oakland, California

| WELL ID/ DATE | TOC (ft.) | GWE (msl) | DTW (ft.) | TPH-G (ppb) | B (ppb) | T (ppb) | E (ppb) | X (ppb) | MTBE (ppb) |
|--------------------------|--------------|--------------|--------------|----------------|------------|------------|------------|------------|---------------|
| TRIP BLANK (cont) | | | | | | | | | |
| 01/18/99 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.0 |
| 04/15/99 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 |
| 07/22/99 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 10/13/99 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 01/21/00 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 04/10/00 | -- | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 |
| 07/12/00 | -- | -- | -- | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | <2.50 |
| 10/05/00 | -- | -- | -- | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | <2.50 |
| 01/05/01 | -- | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 |
| 04/05/01 | -- | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 |
| 08/20/01 | -- | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 |
| QA | | | | | | | | | |
| 11/26/01 | -- | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| 02/14/02 | -- | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| 05/07/02 | -- | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| 08/02/02 | -- | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-8341
3530 MacArthur Boulevard
Oakland, California

EXPLANATIONS:

Groundwater monitoring data and analytical results prior to April 10, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing
(ft.) = Feet

GWE = Groundwater Elevation
(msl) = Mean sea level

DTW = Depth to Water

TPH-G = Total Petroleum Hydrocarbons as Gasoline

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylenes

MTBE = Methyl tertiary butyl ether

ND = Not Detected

-- = Not Measured/Not Analyzed

(ppb) = Parts per billion

QA = Quality Assurance

¹ Confirmation run.

² Chromatogram report indicates an unidentified hydrocarbon and gas.

³ Chromatogram report indicates an unidentified hydrocarbon.

STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

Gettler-Ryan Inc. field personnel adhere to the following procedures for the collection and handling of groundwater samples prior to analysis by the analytical laboratory. Prior to sample collection, the type of analysis to be performed is determined. Loss prevention of volatile compounds is controlled and sample preservation for subsequent analysis is maintained.

Prior to sampling, the presence or absence of free-phase hydrocarbons is determined using an interface probe. Product thickness, if present, is measured to the nearest 0.01 foot and is noted in the field notes. In addition, static water level measurements are collected with the interface probe and are also recorded in the field notes.

After water levels are collected and prior to sampling, each well is purged a minimum of three well casing volumes of water using pre-cleaned pumps (stack, suction, Grundfos), or polyvinyl chloride bailers. Temperature, pH and electrical conductivity are measured a minimum of three times during the purging. Purging continues until these parameters stabilize.

Groundwater samples are collected using Chevron-designated disposable bailers. The water samples are transferred from the bailer into appropriate containers. Pre-preserved containers, supplied by analytical laboratories, are used when possible. When pre-preserved containers are not available, the laboratory is instructed to preserve the sample as appropriate. Duplicate samples are collected for the laboratory to use in maintaining quality assurance/quality control standards. The samples are labeled to include the job number, sample identification, collection date and time, analysis, preservation (if any), and the sample collector's initials. The water samples are placed in a cooler, maintained at 4°C for transport to the laboratory. Once collected in the field, all samples are maintained under chain of custody until delivered to the laboratory.

The chain of custody document includes the job number, type of preservation, if any, analysis requested, sample identification, date and time collected, and the sample collector's name. The chain of custody is signed and dated (including time of transfer) by each person who receives or surrenders the samples, beginning with the field personnel and ending with the laboratory personnel.

A laboratory supplied trip blank accompanies each sampling set. For sampling sets greater than 20 samples, 5% trip blanks are included. The trip blank is analyzed for some or all of the same compounds as the groundwater samples.

As requested by Chevron Products Company, the purge water and decontamination water generated during sampling activities is transported by IWM to McKittrick Waste Management located in McKittrick, California.



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-8341 Job Number: 386346
 Site Address: 3530 Macarthur Blvd. Event Date: 8/2/02
 City: Oakland, CA Sampler: G/L

Well ID: MW-1 Well Condition: OK
 Well Diameter: 2 in. Hydrocarbon: _____ Amount Bailed: _____
 Total Depth: 26.85 ft. Thickness: 0 ft. (product/water): 0 gal.
 Depth to Water: 5.11 ft.

| | | | | |
|-------------|------------|----------|----------|-----------|
| Volume | 3/4"= 0.02 | 1"= 0.04 | 2"= 0.17 | 3"= 0.38 |
| Factor (VF) | 4"= 0.66 | 5"= 1.02 | 6"= 1.50 | 12"= 5.80 |

21.74 xVF 0.17 = 370 x3 (case volume) = Estimated Purge Volume: 12 gal.

Purge Equipment: Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment: Disposable Bailer
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

Start Time (purge): 1045 Weather Conditions: Overcast
 Sample Time/Date: 1125 8/2/02 Water Color: Clear Odor: NO
 Purging Flow Rate: ≈ 1.5 gpm. Sediment Description: _____
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (u mhos/cm) | Temperature (C/F) | D.O. (mg/L) | ORP (mV) |
|-----------------|---------------|-------------|--------------------------|-------------------|-------------|----------|
| <u>1055</u> | <u>4</u> | <u>7.84</u> | <u>467</u> | <u>23.6</u> | | |
| <u>1100</u> | <u>8</u> | <u>7.79</u> | <u>464</u> | <u>23.7</u> | | |
| <u>1105</u> | <u>12</u> | <u>7.72</u> | <u>460</u> | <u>23.8</u> | | |

LABORATORY INFORMATION

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|-------------|---------------------|------------|---------------|------------------|---|
| <u>MW-1</u> | <u>3</u> x voa vial | <u>YES</u> | <u>HCL</u> | <u>LANCASTER</u> | <u>TPH-G (8015)/ BTEX + MTBE (8021)</u> |
| | | | | | |
| | | | | | |

COMMENTS: _____

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-8341 Job Number: 386346
 Site Address: 3530 Macarthur Blvd. Event Date: 8/2/02
 City: Oakland, CA Sampler: G.M.

Well ID: MW-2 Well Condition: OK
 Well Diameter: 2 in. Hydrocarbon Amount Bailed
 Total Depth: 33.15 ft. Thickness: 0 ft. (product/water): 0 gal.
 Depth to Water: 4.07 ft.

| | | | | |
|-------------|------------|----------|----------|-----------|
| Volume | 3/4"= 0.02 | 1"= 0.04 | 2"= 0.17 | 3"= 0.38 |
| Factor (VF) | 4"= 0.66 | 5"= 1.02 | 6"= 1.50 | 12"= 5.80 |

29.08 xVF 0.17 = 4.94 x3 (case volume) = Estimated Purge Volume: 15 gal.

Purge Equipment: Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment: Disposable Bailer _____
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

Start Time (purge): 1135 Weather Conditions: overcast
 Sample Time/Date: 1215 8/2/02 Water Color: Clear Odor: None
 Purging Flow Rate: >1.5 gpm. Sediment Description: _____
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (umhos/cm) | Temperature (C/F) | D.O. (mg/L) | ORP (mV) |
|-----------------|---------------|-------------|-------------------------|-------------------|-------------|----------|
| <u>1145</u> | <u>5</u> | <u>7.11</u> | <u>494</u> | <u>24.0</u> | | |
| <u>1150</u> | <u>10</u> | <u>7.02</u> | <u>491</u> | <u>24.2</u> | | |
| <u>1155</u> | <u>15</u> | <u>6.99</u> | <u>489</u> | <u>24.3</u> | | |

LABORATORY INFORMATION

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|-------------|---------------------|------------|---------------|------------------|---|
| <u>MW-2</u> | <u>3 x vov vial</u> | <u>YES</u> | <u>HCL</u> | <u>LANCASTER</u> | <u>TPH-G (8015)/ BTEX + MTBE (8021)</u> |
| | | | | | |
| | | | | | |

COMMENTS: _____

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-8341 Job Number: 386346
 Site Address: 3530 Macarthur Blvd. Event Date: 8/2/02
 City: Oakland, CA Sampler: G.A.

Well ID: MW-3 Well Condition: OK
 Well Diameter: 2 in. Hydrocarbon Amount Bailed
 Total Depth: 32.25 ft. Thickness: 0 ft. (product/water): 0 gal.
 Depth to Water: 438 ft.

| | | | | |
|-------------|------------|----------|----------|-----------|
| Volume | 3/4"= 0.02 | 1"= 0.04 | 2"= 0.17 | 3"= 0.38 |
| Factor (VF) | 4"= 0.66 | 5"= 1.02 | 6"= 1.50 | 12"= 5.80 |

27.87 xVF 0.17 = 4.74 x3 (case volume) = Estimated Purge Volume: 15 gal.

Purge Equipment: Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment: Disposable Bailer
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

Start Time (purge): 1230 Weather Conditions: Overcast
 Sample Time/Date: 1305 8/2/02 Water Color: Clear Odor: NO
 Purging Flow Rate: 2.5 gpm. Sediment Description: _____
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (umhos/cm) | Temperature (C/F) | D.O. (mg/L) | ORP (mV) |
|-----------------|---------------|-------------|-------------------------|-------------------|-------------|----------|
| <u>1240</u> | <u>5</u> | <u>7.29</u> | <u>453</u> | <u>22.7</u> | | |
| <u>1245</u> | <u>10</u> | <u>7.24</u> | <u>441</u> | <u>22.9</u> | | |
| <u>1250</u> | <u>15</u> | <u>7.21</u> | <u>448</u> | <u>22.9</u> | | |

LABORATORY INFORMATION

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|-------------|---------------------|------------|---------------|------------------|--|
| <u>MW-3</u> | <u>3 x vov vial</u> | <u>YES</u> | <u>HCL</u> | <u>LANCASTER</u> | <u>TPH-G (8015) BTEX + MTBE (8021)</u> |
| | | | | | |
| | | | | | |

COMMENTS: _____

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____

GA

Chevron California Region Analysis Request/Chain of Custody



080202-012

For Lancaster Laboratories use only
 Acct. #: 10905 Sample #: 3870681-84 SCR#: _____

Group # 817546

Facility #: 9-8341 Job# 386346 Global ID #T0600101790
 Site Address: 3530 MACARTHUR BLVD, OAKLAND, CA
 Chevron PM: Karen Streich Lead Consultant: Delta/G-R
 Consultant/Office: G-R Inc 6747 Sierra Ct #J Dublin CA 94568
 Consultant Prj. Mgr.: Deanna L. Harding (deanna@grinc.com)
 Consultant Phone #: 925-551-7555 Fax #: 925-551-7899
 Sampler: G.R.
 Service Order #: _____ Non SAR: _____

| Matrix | | Analyses Requested | | | | | | | | | | Preservative Codes | | | | | | | |
|--------|-------|------------------------------|------------------------------|----------------------------|---|------------------|------------------|--------------------|----------------|------------|--|--------------------|--|--|--|--|--|--|--|
| | | Preservation Codes | | | | | | | | | | Preservative Codes | | | | | | | |
| Soil | Water | Oil <input type="checkbox"/> | Air <input type="checkbox"/> | Total Number of Containers | BTEX + MTBE 8260 <input checked="" type="checkbox"/> 8021 | TPH 8015 MOD GRO | TPH 8015 MOD DRO | Silica Gel Cleanup | 8260 full scan | Oxygenates | Lead 7420 <input type="checkbox"/> 7421 <input type="checkbox"/> | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |

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

| Sample Identification | Date Collected | Time Collected | Grab | Composite | Soil | Water | Oil | Air | Total Number of Containers | BTEX + MTBE 8260 <input checked="" type="checkbox"/> 8021 | TPH 8015 MOD GRO | TPH 8015 MOD DRO | Silica Gel Cleanup | 8260 full scan | Oxygenates | Lead 7420 <input type="checkbox"/> 7421 <input type="checkbox"/> | | | | | | | |
|-----------------------|----------------|----------------|------|-----------|------|-------|-----|-----|----------------------------|---|------------------|------------------|--------------------|----------------|------------|--|--|--|--|--|--|--|--|
| QA | 8/2/02 | — | | | | X | | | 1 | X | X | | | | | | | | | | | | |
| MW-1 | ↓ | 1125 | X | | | X | | | 3 | X | X | | | | | | | | | | | | |
| MW-2 | ↓ | 1215 | X | | | X | | | 3 | X | X | | | | | | | | | | | | |
| MW-3 | ↓ | 1305 | X | | | X | | | 3 | X | X | | | | | | | | | | | | |

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>8/2/02</u> | Time: _____ | Received by: <u>[Signature]</u> | Date: <u>8/2/02</u> | Time: <u>1211</u> |
| Relinquished by: <u>[Signature]</u> | Date: <u>8/2/02</u> | Time: _____ | Received by: <u>[Signature]</u> | Date: <u>8/2/02</u> | Time: <u>1330</u> |
| Relinquished by: <u>[Signature]</u> | Date: <u>8/2/02</u> | Time: <u>1530</u> | Received by: <u>[Signature]</u> | Date: <u>8/2/02</u> | Time: _____ |
| Relinquished by Commercial Carrier: UPS FedEx Other <u>Airborne</u> | Temperature Upon Receipt <u>15-33°C</u> | | Received by: <u>[Signature]</u> | Date: <u>8/2/02</u> | Time: <u>0915</u> |
| Custody Seals Intact? <u>Yes</u> No | | | | | |



Lancaster Laboratories

Where quality is a science.

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

8/3/02
2002

SAMPLE GROUP

The sample group for this submittal is 817546. Samples arrived at the laboratory on Saturday, August 03, 2002. The PO# for this group is 99011184 and the release number is STREICH.

Client Description

| | | |
|---------------|------|-------|
| QA-T-020802 | NA | Water |
| MW-1-W-020802 | Grab | Water |
| MW-2-W-020802 | Grab | Water |
| MW-3-W-020802 | Grab | Water |

Lancaster Labs Number

3870681
3870682
3870683
3870684

1 COPY TO

Delta C/O Gettler-Ryan

Attn: Deanna L. Harding

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

Respectfully Submitted,

Steven A. Skiles
Steven A. Skiles
Sr. Chemist



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



Lancaster Laboratories Sample No. **WW 3870681**

Collected: 08/02/2002 00:00

Account Number: 10905

Submitted: 08/03/2002 09:15
 Reported: 08/14/2002 at 14:29
 Discard: 09/14/2002

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

QA-T-020802 NA Water
 Facility# 98341 Job# 386346 GRD
 3530 Macarthur-Oakland T0600101790 QA

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---------|---|------------|--------------------|------------------------------------|-------|-----------------|
| 01729 | TPH-GRO - Waters | | | | | |
| 01730 | 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. | | | | | |
| | 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. | | | | | |
| 08214 | BTEX, MTBE (8021) | | | | | |
| 00776 | Benzene | 71-43-2 | N.D. | 0.50 | ug/l | 1 |
| 00777 | Toluene | 108-88-3 | N.D. | 0.50 | ug/l | 1 |
| 00778 | Ethylbenzene | 100-41-4 | N.D. | 0.50 | ug/l | 1 |
| 00779 | Total Xylenes | 1330-20-7 | N.D. | 1.5 | ug/l | 1 |
| 00780 | Methyl tert-Butyl Ether | 1634-04-4 | N.D. | 2.5 | ug/l | 1 |
| | 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. | | | | | |

State of California Lab Certification No. 2116

Laboratory Chronicle

| CAT No. | Analysis Name | Method | Trial# | Analysis Date and Time | Analyst | Dilution Factor |
|---------|-------------------|----------------------------|--------|------------------------|------------------|-----------------|
| 01729 | TPH-GRO - Waters | N. CA LUFT Gasoline Method | 1 | 08/05/2002 18:13 | Matthew E Barton | 1 |
| 08214 | BTEX, MTBE (8021) | SW-846 8021B | 1 | 08/05/2002 18:13 | Matthew E Barton | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 08/05/2002 18:13 | Matthew E Barton | n.a. |

#=Laboratory Method Detection Limit exceeded target detection limit

N.D.=Not detected or above the Reporting Limit



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



Lancaster Laboratories Sample No. WW 3870682

Collected: 08/02/2002 11:25 by GR

Account Number: 10905

Submitted: 08/03/2002 09:15
 Reported: 08/14/2002 at 14:29
 Discard: 09/14/2002

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

MW-1-W-020802 Grab Water
 Facility# 98341 Job# 386346 GRD
 3530 Macarthur-Oakland T0600101790 MW-1

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---|-------------------------|------------|--------------------|------------------------------------|-------|-----------------|
| 01729 | TPH-GRO - Waters | | | | | |
| 01730 | 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. | | | | | | |
| 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. | | | | | | |
| 08214 | BTEX, MTBE (8021) | | | | | |
| 00776 | Benzene | 71-43-2 | N.D. | 0.50 | ug/l | 1 |
| 00777 | Toluene | 108-88-3 | N.D. | 0.50 | ug/l | 1 |
| 00778 | Ethylbenzene | 100-41-4 | N.D. | 0.50 | ug/l | 1 |
| 00779 | Total Xylenes | 1330-20-7 | N.D. | 1.5 | ug/l | 1 |
| 00780 | Methyl tert-Butyl Ether | 1634-04-4 | N.D. | 2.5 | ug/l | 1 |
| 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. | | | | | | |

State of California Lab Certification No. 2116

Laboratory Chronicle

| CAT No. | Analysis Name | Method | Analysis | | Analyst | Dilution Factor |
|---------|-------------------|----------------------------|----------|------------------|------------------|-----------------|
| | | | Trial# | Date and Time | | |
| 01729 | TPH-GRO - Waters | N. CA LUFT Gasoline Method | 1 | 08/05/2002 20:56 | Matthew E Barton | 1 |
| 08214 | BTEX, MTBE (8021) | SW-846 8021B | 1 | 08/05/2002 20:56 | Matthew E Barton | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 08/05/2002 20:56 | Matthew E Barton | n.a. |

#=Laboratory Method Detection Limit exceeded target detection limit
 N.D.=Not detected at or above the Reporting Limit



2428 New Holland Drive
 PO Box 12425
 Lancaster, PA 17605-2425
 717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. **WW 3870683**

Collected: 08/02/2002 12:15 by GR

Account Number: 10905

Submitted: 08/03/2002 09:15
 Reported: 08/14/2002 at 14:29
 Discard: 09/14/2002

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

MW-2-W-020802 Grab Water
 Facility# 98341 Job# 386346 GRD
 3530 Macarthur-Oakland T0600101790 MW-2

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---|-------------------------|------------|--------------------|------------------------------------|-------|-----------------|
| 01729 | TPH-GRO - Waters | | | | | |
| 01730 | 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. 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. | | | | | | |
| 08214 | BTEX, MTBE (8021) | | | | | |
| 00776 | Benzene | 71-43-2 | N.D. | 0.50 | ug/l | 1 |
| 00777 | Toluene | 108-88-3 | N.D. | 0.50 | ug/l | 1 |
| 00778 | Ethylbenzene | 100-41-4 | N.D. | 0.50 | ug/l | 1 |
| 00779 | Total Xylenes | 1330-20-7 | N.D. | 1.5 | ug/l | 1 |
| 00780 | Methyl tert-Butyl Ether | 1634-04-4 | 490. | 2.5 | ug/l | 1 |
| 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. | | | | | | |

State of California Lab Certification No. 2116

Laboratory Chronicle

| CAT No. | Analysis Name | Method | Trial# | Analysis Date and Time | Analyst | Dilution Factor |
|---------|-------------------|----------------------------|--------|------------------------|------------------|-----------------|
| 01729 | TPH-GRO - Waters | N. CA LUFT Gasoline Method | 1 | 08/05/2002 21:29 | Matthew E Barton | 1 |
| 08214 | BTEX, MTBE (8021) | SW-846 8021B | 1 | 08/05/2002 21:29 | Matthew E Barton | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 08/05/2002 21:29 | Matthew E Barton | n.a. |

#=Laboratory Method Detection Limit exceeded target detection limit
 N.D.=Not detected at or above the Reporting Limit



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



Lancaster Laboratories Sample No. **WW 3870684**

Collected: 08/02/2002 13:05 by GR

Account Number: 10905

Submitted: 08/03/2002 09:15
 Reported: 08/14/2002 at 14:29
 Discard: 09/14/2002

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

MW-3-W-020802 Grab Water
 Facility# 98341 Job# 386346 GRD
 3530 Macarthur-Oakland T0600101790 MW-3

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---|-------------------------|------------|--------------------|------------------------------------|-------|-----------------|
| 01729 | TPH-GRO - Waters | | | | | |
| 01730 | 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. | | | | | | |
| 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. | | | | | | |
| 08214 | BTEX, MTBE (8021) | | | | | |
| 00776 | Benzene | 71-43-2 | N.D. | 0.50 | ug/l | 1 |
| 00777 | Toluene | 108-88-3 | N.D. | 0.50 | ug/l | 1 |
| 00778 | Ethylbenzene | 100-41-4 | N.D. | 0.50 | ug/l | 1 |
| 00779 | Total Xylenes | 1330-20-7 | N.D. | 1.5 | ug/l | 1 |
| 00780 | Methyl tert-Butyl Ether | 1634-04-4 | N.D. | 2.5 | ug/l | 1 |
| 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. | | | | | | |

State of California Lab Certification No. 2116

Laboratory Chronicle

| CAT No. | Analysis Name | Method | Trial# | Analysis Date and Time | Analyst | Dilution Factor |
|---------|-------------------|----------------------------|--------|------------------------|----------------------|-----------------|
| 01729 | TPH-GRO - Waters | N. CA LUFT Gasoline Method | 1 | 08/05/2002 22:02 | Anastasia Papadoplos | 1 |
| 08214 | BTEX, MTBE (8021) | SW-846 8021B | 1 | 08/05/2002 22:02 | Anastasia Papadoplos | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 08/05/2002 22:02 | Anastasia Papadoplos | n.a. |

#=Laboratory Method Detection Limit exceeded target detection limit

N.D.=Not detected at or above the Reporting Limit



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



Lancaster Laboratories

Where quality is a science.

Quality Control Summary

Client Name: ChevronTexaco
 Reported: 08/14/02 at 02:29 PM

Group Number: 817546

Laboratory Compliance Quality Control

| Analysis Name | Blank Result | Blank MDL | Report Units | LCS %REC | LCSD %REC | LCS/LCSD Limits | RPD | RPD Max |
|-------------------------|-----------------------------------|-----------|--------------|----------|-----------|-----------------|-----|---------|
| Batch number: 02217A51A | Sample number(s): 3870681-3870684 | | | | | | | |
| Benzene | N.D. | 0.5 | ug/l | 107 | 105 | 80-118 | 3 | 30 |
| Toluene | N.D. | 0.5 | ug/l | 106 | 104 | 82-119 | 2 | 30 |
| Ethylbenzene | N.D. | 0.5 | ug/l | 101 | 98 | 81-119 | 3 | 30 |
| Total Xylenes | N.D. | 1.5 | ug/l | 106 | 101 | 82-120 | 4 | 30 |
| Methyl tert-Butyl Ether | N.D. | 2.5 | ug/l | 106 | 110 | 79-127 | 3 | 30 |
| TPH-GRO - Waters | N.D. | 50. | ug/l | 99 | 102 | 74-116 | 4 | 30 |

Sample Matrix Quality Control

| Analysis Name | MS %REC | MSD %REC | MS/MSD Limits | RPD | BKG MAX | DUP Conc | DUP RPD | Dup RPD Max |
|-------------------------|-----------------------------------|----------|---------------|-----|---------|----------|---------|-------------|
| Batch number: 02217A51A | Sample number(s): 3870681-3870684 | | | | | | | |
| Benzene | 100 | | 83-130 | | | | | |
| Toluene | 98 | | 87-129 | | | | | |
| Ethylbenzene | 95 | | 86-133 | | | | | |
| Total Xylenes | 96 | | 86-132 | | | | | |
| Methyl tert-Butyl Ether | 95 | | 66-140 | | | | | |
| TPH-GRO - Waters | 112 | | 74-132 | | | | | |

Surrogate Quality Control

Analysis Name: TPH-GRO - Waters
 Batch number: 02217A51A

| | Trifluorotoluene-F | Trifluorotoluene-P |
|---------|--------------------|--------------------|
| 3870681 | 94 | 96 |
| 3870682 | 95 | 96 |
| 3870683 | 93 | 98 |
| 3870684 | 90 | 97 |
| Blank | 94 | 95 |
| LCS | 108 | 96 |
| LCSD | 108 | 96 |
| MS | 117 | 96 |
| Limits: | 57-146 | 71-130 |

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