



PACIFIC
ENVIRONMENTAL
GROUP, INC.

AN  COMPANY

June 7, 1999
Project 340-087.9A

Mr. ~~Richard Hiatt~~ *LARRY SETO*
California Regional Water Quality Control Board – San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, California 94612

Re: **Quarterly Monitoring Report - Fourth Quarter 1998**
Former Texaco Service Station
1127 Lincoln Avenue at Bay Street
Alameda, California
Incident Number: 90015162

STID# 3566

Dear Mr. ~~Hiatt~~ *SETO*:

The following presents the results of the fourth quarter 1998 monitoring program for the site referenced above. This letter has been prepared for Equiva Services LLC (Equiva) by Pacific Environmental Group, Inc. (PEG). Equiva is managing the subject site on behalf of Texaco, Inc.

FINDINGS

Ground-water monitoring wells were gauged and sampled by Blaine Tech Services, Inc. (Blaine) at the direction of PEG on November 19, 1998. Blaine's ground-water monitoring report, which includes the well concentrations table, certified analytical report, and field data is presented as Attachment A. Ground-water elevation contours for this sampling event are shown on Figure 1. The well concentrations table presents the ground-water elevation data for monitoring wells gauged this quarter.

All wells sampled were analyzed for total purgeable petroleum hydrocarbons (TPPH), benzene, toluene, ethylbenzene, xylenes (BTEX compounds), and methyl tert-butyl ether (MtBE) by EPA Methods 8015 (modified) and 8020. TPPH, benzene, and MtBE concentrations for the fourth quarter sampling event are shown on Figure 2. The well concentrations table presents ground-water analytical data for the monitoring wells sampled this quarter.

52-5-113 8-11-99 65

DISCUSSION

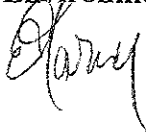
Concentrations of TPPH and MtBE were reported in one of the nine monitoring wells sampled during the fourth quarter. The laboratory reported detectable concentrations of TPPH and MtBE in the ground-water sample collected from Monitoring Well MW-6. A TPPH level of 120 micrograms per liter ($\mu\text{g/L}$) and a MtBE concentration of $8.31 \mu\text{g/L}$ were reported in the ground-water sample collected from Monitoring Well MW-6.

Benzene was detected in two of the ground-water samples collected on November 19, 1998. Monitoring Wells MW-6 and MW-8 exhibited benzene levels of $0.785 \mu\text{g/L}$ and $1.2 \mu\text{g/L}$, respectively. Concentrations of TPPH, BTEX compounds, and MtBE for ground-water samples collected during the fourth quarter appear to be consistent with historic levels for all the sampled wells.

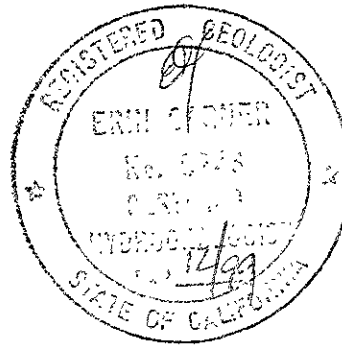
If you have any questions or comments regarding this site, please contact me at your convenience at (408) 441-7500.

Sincerely,

Pacific Environmental Group, Inc.

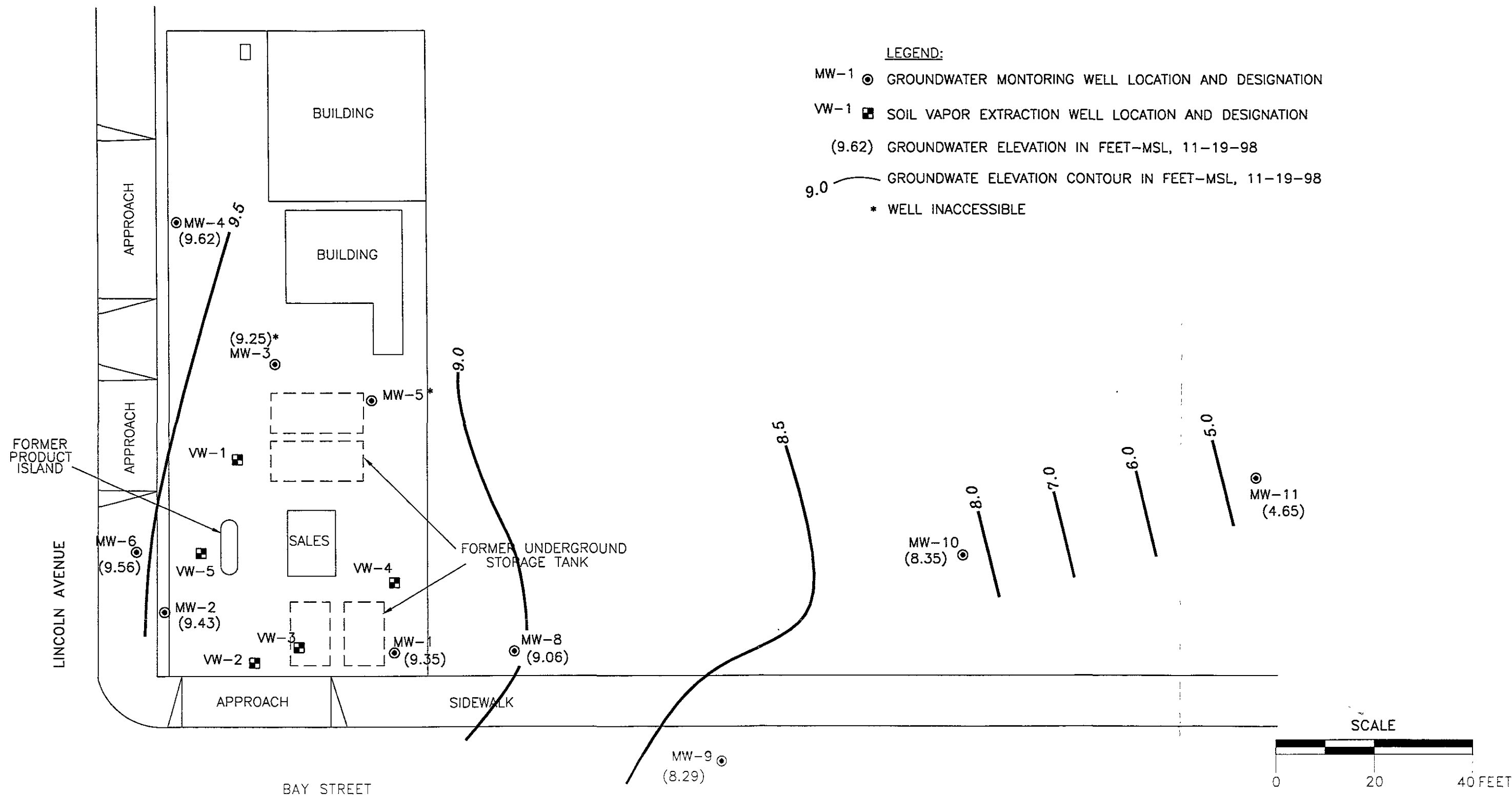
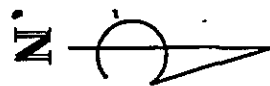


Erin Garner
Senior Geologist
CHG 0243



Attachments Figure 1 - Ground-water Elevation Contour Map
 Figure 2 - TPPH/Benzene/MtBE Concentration Map
 Attachment A - Groundwater Monitoring Report

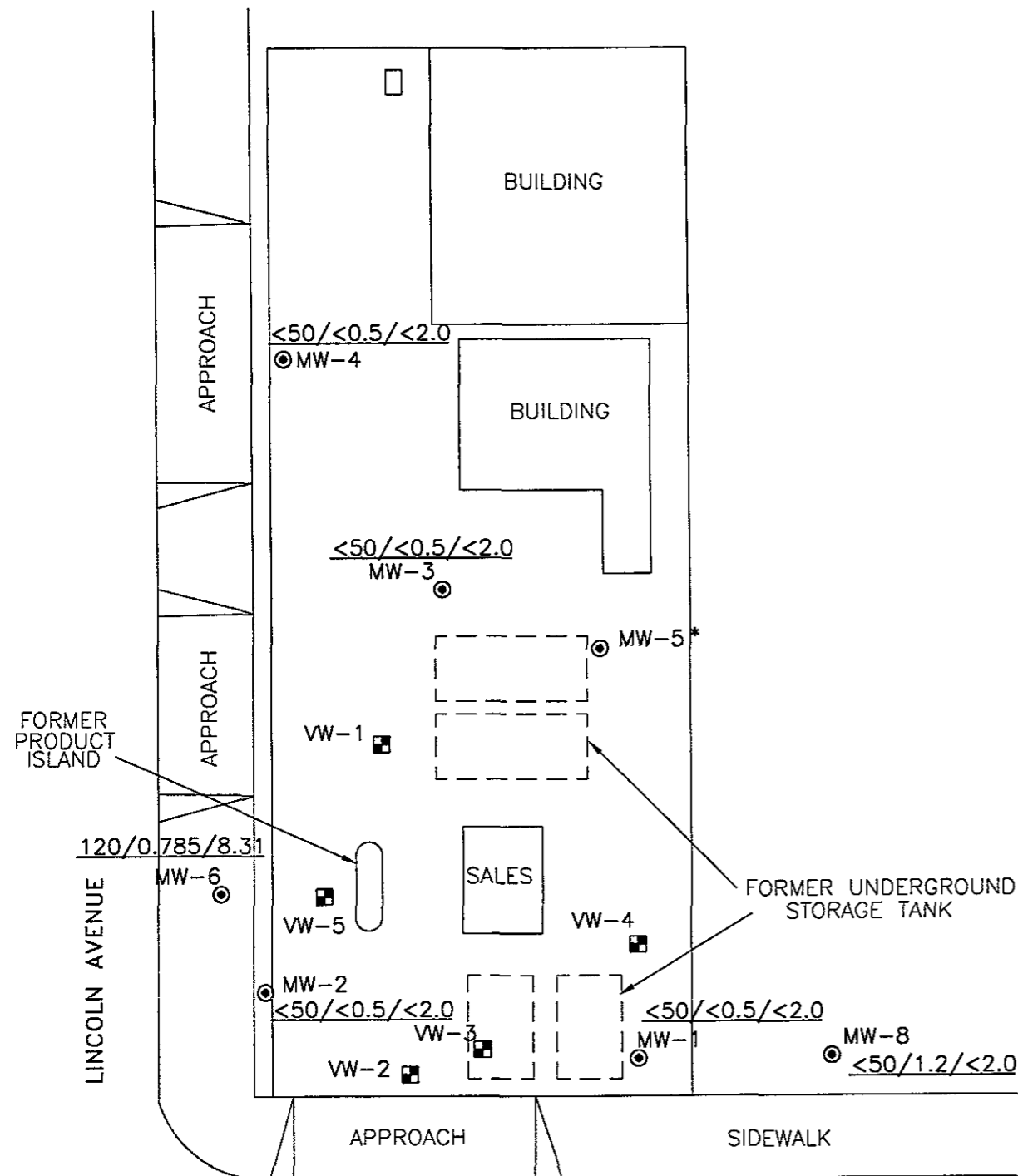
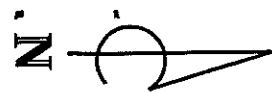
cc: Ms. Karen Petryna, Equiva Services LLC, P.O. Box 6249, Carson, CA 90749-6249
 Mr. Leo Pagano, 1127 Lincoln Avenue, Alameda, CA 94602
 Ms. Juliet Shin, Alameda County Health Care Services Agency, 1131 Harbor Bay Parkway,
 Alameda, CA 94502-6577



- LEGEND:**
- MW-1 GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
 - VW-1 SOIL VAPOR EXTRACTION WELL LOCATION AND DESIGNATION
 - (9.62) GROUNDWATER ELEVATION IN FEET-MSL, 11-19-98
 - 9.0 GROUNDWATER ELEVATION CONTOUR IN FEET-MSL, 11-19-98
 - * WELL INACCESSIBLE

MW-7 *

 PACIFIC ENVIRONMENTAL GROUP, INC.	TITLE: GROUND-WATER ELEVATION CONTOUR MAP		
	PREPARED FOR: FORMER TEXACO SERVICE STATION 1127 Lincoln Avenue at Bay Street Alameda, California		
	DATE: 3-2-99	PROJECT: 340-087.9A	SCALE: AS SHOWN



LEGEND:

MW-1 ● GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION

VW-1 ■ SOIL VAPOR EXTRACTION WELL LOCATION AND DESIGNATION

120/0.785/8.31 TPPH/BENZENE/MtBE CONCENTRATION IN GROUNDWATER, IN PARTS PER BILLION, 11-19-98

* WELL INACCESSIBLE

FORMER PRODUCT ISLAND

120/0.785/8.31

LINCOLN AVENUE

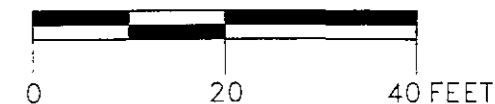
FORMER UNDERGROUND STORAGE TANK

APPROACH

SIDEWALK

BAY STREET

SCALE



PACIFIC ENVIRONMENTAL GROUP, INC.

TITLE: TPPH/BENZENE/MtBE/CONCENTRATION MAP

PREPARED FOR: FORMER TEXACO SERVICE STATION
1127 Lincoln Avenue at Bay Street
Alameda, California

DATE: 3-2-99	PROJECT: 340-087.9A	SCALE: AS SHOWN	FIGURE: 2
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ATTACHMENT A
GROUNDWATER MONITORING REPORT



1680 ROGERS AVENUE
SAN JOSE, CA 95112-1105
(408) 573-7771 FAX
(408) 573-0555 PHONE

February 8, 1999

Karen Petryna
Equiva Services LLC
P.O. Box 6249
Carson, CA 90749-6249

Fourth Quarter 1998 Groundwater Monitoring at
TEXACO-branded Service Station
1127 Lincoln Avenue
Alameda, CA

Monitoring performed on November 19, 1998

Groundwater Monitoring Report **981119-Y-2**

This report covers the routine monitoring of groundwater wells at this TEXACO-branded facility. In accordance with standard procedures that conform to Regional Water Quality Control Board requirements, routine field data collection includes depth to water, total well depth, thickness of any separate immiscible layer, water column volume, appropriate calculated purge volume (if applicable), elapsed evacuation time (if applicable), total volume of water removed (if applicable), and standard water parameter instrument readings. Sample material is collected, contained, stored, and transported to the laboratory in conformance with EPA standards. Purge water (if applicable) is, likewise, collected and transported to the Shell Martinez Manufacturing Complex.

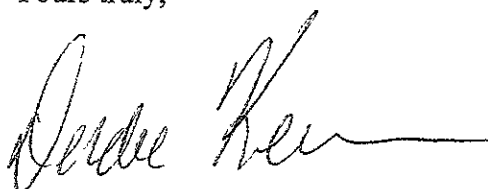
Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL CONCENTRATIONS**. The full analytical report for the most recent samples and the field data sheets are attached to this report.

At a minimum, Blaine Tech Services, Inc. field personnel are certified on completion of a forty hour Hazardous Materials and Emergency Response training course per 29 CFR 1910.120. Field personnel are also enrolled in annual eight hour refresher courses.

Blaine Tech Services, Inc. conducts sampling and documentation assignments of this type as an independent third party. In order to avoid compromising the objectivity necessary for the proper and disinterested performance of this work, Blaine Tech Services, Inc. concentrates on objective data collection and does not participate in the interpretation of analytical results, the definition of geological or hydrological conditions, the formulation of recommendations, or the marketing of remedial systems.

Please call if you have any questions.

Yours truly,

A handwritten signature in black ink, appearing to read "Deidre Kerwin", with a long horizontal flourish extending to the right.

Deidre Kerwin
Operations Manager

DK/mt

attachments: Cumulative Table of WELL CONCENTRATIONS
Certified Analytical Report
Field Data Sheet

cc: Janet Yantis
Pacific Environmental Group
2025 Gateway Place, Suite 440
San Jose, CA 95110

WELL CONCENTRATIONS
Texaco-branded Service Station
1127 Lincoln Avenue
Alameda, California

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
MW-1	01/26/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.14	5.63	10.51	NA
MW-1	02/04/1993	120	NA	22	3.1	3.3	10	NA	NA	16.14	6.02	10.12	NA
MW-1	03/09/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.14	5.92	10.22	NA
MW-1	05/06/1993	710	NA	320	3.1	4.2	20	NA	NA	16.14	6.76	9.38	NA
MW-1	08/15/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.14	6.81	9.33	NA
MW-1	07/26/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.14	NA	NA	NA
MW-1	08/31/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.14	NA	NA	NA
MW-1	09/27/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.14	NA	NA	NA
MW-1	10/19/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.14	NA	NA	NA
MW-1	11/15/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.14	NA	NA	NA
MW-1	12/17/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.14	NA	NA	NA
MW-1	02/07/1994	NA	NA	NA	NA	NA	NA	NA	NA	16.14	NA	NA	NA
MW-1	05/20/1994	NA	NA	NA	NA	NA	NA	NA	NA	16.14	NA	NA	NA
MW-1	08/22/1994	NA	NA	NA	NA	NA	NA	NA	NA	16.14	7.78	8.36	NA
MW-1	11/02/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	16.14	NA	NA	NA
MW-1	02/14/1995	350	NA	40	1.6	15	31	NA	NA	16.14	15.16	0.98	NA
MW-1	05/19/1995	220	NA	35	2.4	7.2	23	NA	NA	16.14	13.90	2.24	NA
MW-1	08/22/1995	330	NA	44	1.2	14	21	<10	NA	16.14	7.06	9.08	NA
MW-1	10/25/1995	<50	NA	1.6	<0.5	<0.5	<0.5	NA	NA	16.14	NA	NA	NA
MW-1	02/09/1996	160	NA	3.2	1.5	0.9	2.7	NA	NA	16.14	NA	NA	NA
MW-1	04/11/1996	1,300	NA	300	85	25	110	NA	NA	16.14	NA	NA	NA
MW-1	08/01/1996	3,700	NA	1,100	80	46	210	NA	NA	16.14	NA	NA	NA
MW-1	11/11/1996	NA	NA	NA	NA	NA	NA	NA	NA	16.14	NA	NA	NA
MW-1	02/04/1997	NA	NA	NA	NA	NA	NA	NA	NA	16.14	5.40	10.74	NA
MW-1	05/02/1997	650	NA	63	<3	4.3	2.2	<30	NA	16.14	6.46	9.68	NA
MW-1	07/31/1997	440	NA	99	1.6	2.6	5.8	<30	NA	16.14	6.98	9.16	NA
MW-1	10/30/1997	290	NA	48	0.5	0.9	1.9	<30	NA	16.14	8.00	8.14	NA
MW-1	02/04/1998	<50	NA	1.3	<0.5	<0.5	<0.5	NA	NA	16.14	3.40	12.74	NA
MW-1	05/08/1998	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	16.14	5.09	11.05	NA
MW-1	07/21/1998	50	NA	16	<0.5	<0.5	0.7	5.6	NA	16.14	6.50	9.64	NA
MW-1	11/19/1998	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.0	NA	16.14	6.79	9.35	NA

WELL CONCENTRATIONS
Texaco-branded Service Station
1127 Lincoln Avenue
Alameda, California

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
MW-2	01/26/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.84	6.29	10.55	NA
MW-2	02/04/1993	430	NA	45	0.5	20	30	NA	NA	16.84	6.60	10.24	NA
MW-2	03/09/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.84	6.36	10.48	NA
MW-2	05/06/1993	2,000	NA	460	2.4	160	66	NA	NA	16.84	6.37	10.47	NA
MW-2	06/15/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.84	7.04	9.80	NA
MW-2	07/26/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.84	NA	NA	NA
MW-2	08/31/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.84	NA	NA	NA
MW-2	09/27/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.84	NA	NA	NA
MW-2	10/19/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.84	NA	NA	NA
MW-2	11/15/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.84	NA	NA	NA
MW-2	12/17/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.84	NA	NA	NA
MW-2	02/07/1994	NA	NA	NA	NA	NA	NA	NA	NA	16.84	NA	NA	NA
MW-2	05/20/1994	NA	NA	NA	NA	NA	NA	NA	NA	16.84	NA	NA	NA
MW-2	08/22/1994	NA	NA	NA	NA	NA	NA	NA	NA	16.84	8.08	8.76	NA
MW-2	11/02/1994	NA	NA	NA	NA	NA	NA	NA	NA	16.84	NA	NA	NA
MW-2	02/14/1995	NA	NA	NA	NA	NA	NA	NA	NA	16.84	NA	NA	NA
MW-2	05/19/1995	580	NA	75	19	5.1	30	NA	NA	16.84	11.77	5.07	NA
MW-2	08/22/1995	1,200	NA	130	8.3	84	86	<10	NA	16.84	7.22	9.62	NA
MW-2	10/25/1995	350	NA	79	1.2	55	13	NA	NA	16.84	12.11	4.73	NA
MW-2	02/09/1996	<50	NA	1.5	0.5	1.1	1.5	NA	NA	16.84	NA	NA	NA
MW-2	04/11/1996	80	NA	1.5	<0.5	<0.5	<0.5	NA	NA	16.84	11.20	5.64	NA
MW-2	08/01/1996	330	NA	42	0.6	20	8.1	NA	NA	16.84	7.00	9.84	NA
MW-2	11/11/1996	NA	NA	NA	NA	NA	NA	NA	NA	16.84	NA	NA	NA
MW-2	02/04/1997	NA	NA	NA	NA	NA	NA	NA	NA	16.84	5.48	11.36	NA
MW-2	05/02/1997	<50	NA	1.5	<0.5	<0.5	0.5	<30	NA	16.84	6.93	9.91	NA
MW-2	07/31/1997	50	NA	1.8	<0.5	<0.5	<0.5	74	NA	16.84	9.10	7.74	NA
MW-2	10/30/1997	63	NA	3.1	<0.5	0.6	1.1	34	NA	16.84	8.33	8.51	NA
MW-2	02/04/1998	<50	NA	6.5	<0.5	1.2	<0.5	NA	NA	16.84	4.88	11.96	NA
MW-2	05/08/1998	<50	NA	0.6	<0.5	<0.5	<0.5	<2.5	NA	16.84	6.00	10.84	NA
MW-2	07/21/1998	81	NA	7.2	<0.5	1.1	1.1	6.3	NA	16.84	6.92	9.92	NA

WELL CONCENTRATIONS
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Alameda, California

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MW-2	11/19/1998	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.0	NA	16.84	7.41	9.43	NA
MW-3	01/26/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.86	5.82	11.04	NA
MW-3	02/04/1993	2,900	NA	180	13	210	350	NA	NA	16.86	6.01	10.85	NA
MW-3	03/09/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.86	5.88	10.98	NA
MW-3	05/06/1993	2,700	NA	270	6.2	300	720	NA	NA	16.86	6.38	10.48	NA
MW-3	06/15/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.86	NA	NA	NA
MW-3	07/26/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.86	7.22	9.64	NA
MW-3	08/31/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.86	7.87	8.99	NA
MW-3	09/27/1993	1,800	NA	92	1.7	99	240	NA	NA	16.86	8.58	8.28	NA
MW-3	10/19/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.86	9.13	7.73	NA
MW-3	11/15/1993	1,900	NA	100	2.4	85	280	NA	NA	16.86	8.84	8.02	NA
MW-3	12/17/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.86	7.80	9.06	NA
MW-3	02/07/1994	1,400	NA	69	3.3	100	320	NA	NA	16.86	8.43	8.43	NA
MW-3	05/20/1994	1,100	NA	64	19	120	180	NA	NA	16.86	6.79	10.07	NA
MW-3	08/22/1994	77	NA	4.3	<0.5	2.0	5.6	NA	NA	16.86	8.32	8.54	NA
MW-3	11/02/1994	<50	NA	0.8	<0.5	<0.5	<0.5	NA	NA	16.86	10.98	5.88	NA
MW-3	02/14/1995	1,300	NA	24	5	85	360	NA	NA	16.86	7.93	8.93	NA
MW-3	05/19/1995	5,300	NA	98	28	650	1,700	NA	NA	16.86	8.44	8.42	NA
MW-3	08/22/1995	700	NA	4.1	1.1	50	72	<10	NA	16.86	7.54	9.32	NA
MW-3	10/25/1995	<50	NA	2.4	<0.5	<0.5	1.6	NA	NA	16.86	9.03	7.83	NA
MW-3	02/09/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	16.86	7.05	9.81	NA
MW-3	04/11/1996	2,000	NA	11.0	3.9	190	500	NA	NA	16.86	7.44	9.42	NA
MW-3	08/01/1996	1,500	NA	8.4	<0.5	160	150	NA	NA	16.86	7.08	9.78	NA
MW-3	11/11/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<30	NA	16.86	7.84	9.02	NA
MW-3	02/04/1997	1,500	NA	12	1.3	210	330	<30	NA	16.86	5.17	11.69	NA
MW-3	05/02/1997	3,100	NA	35	<3	520	540	<30	NA	16.86	6.63	10.23	NA
MW-3	07/31/1997	1,200	NA	11	<0.5	140	100	<30	NA	16.86	7.32	9.54	NA
MW-3	10/30/1997	520	NA	6.1	<0.5	58	46	<30	NA	16.86	7.46	9.40	NA
MW-3	02/04/1998	4,800	NA	25	4.0	660	1,200	NA	NA	16.86	4.18	12.68	NA
MW-3	05/08/1998	5,600	NA	17	6.7	300	590	11	NA	16.86	5.84	11.02	NA

WELL CONCENTRATIONS
Texaco-branded Service Station
1127 Lincoln Avenue
Alameda, California

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
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MW-3	07/21/1998	1,400	NA	3.4	<1.0	110	270	<5.0	NA	16.86	6.75	10.11	NA
MW-3	11/19/1998	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.0	NA	16.86	7.61	9.25	NA

MW-4	01/26/1993	NA	NA	NA	NA	NA	NA	NA	NA	17.13	5.91	11.22	NA
MW-4	02/04/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	17.13	6.14	10.99	NA
MW-4	03/09/1993	NA	NA	NA	NA	NA	NA	NA	NA	17.13	5.81	11.32	NA
MW-4	05/06/1993	<50	NA	1.6	<0.5	1.0	2.1	NA	NA	17.13	6.49	10.64	NA
MW-4	06/15/1993	NA	NA	NA	NA	NA	NA	NA	NA	17.13	6.34	10.79	NA
MW-4	07/26/1993	NA	NA	NA	NA	NA	NA	NA	NA	17.13	7.29	9.84	NA
MW-4	08/31/1993	NA	NA	NA	NA	NA	NA	NA	NA	17.13	8.02	9.11	NA
MW-4	09/27/1993	NA	NA	NA	NA	NA	NA	NA	NA	17.13	NA	NA	NA
MW-4	10/19/1993	NA	NA	NA	NA	NA	NA	NA	NA	17.13	9.14	7.99	NA
MW-4	11/15/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	17.13	9.01	8.12	NA
MW-4	12/17/1993	NA	NA	NA	NA	NA	NA	NA	NA	17.13	7.91	9.22	NA
MW-4	02/07/1994	<50	NA	<0.5	<0.5	<0.5	2.6	NA	NA	17.13	8.02	9.11	NA
MW-4	05/20/1994	82	NA	6.2	7.6	3.3	17	NA	NA	17.13	6.85	10.28	NA
MW-4	08/22/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	17.13	8.48	8.65	NA
MW-4	11/02/1994	<50	NA	<0.5	0.6	<0.5	<0.5	NA	NA	17.13	10.52	6.61	NA
MW-4	02/14/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	17.13	6.99	10.14	NA
MW-4	05/19/1995	66	NA	0.8	0.6	0.9	3.6	NA	NA	17.13	7.61	9.52	NA
MW-4	08/22/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	<10	NA	17.13	7.62	9.51	NA
MW-4	10/25/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	17.13	8.62	8.51	NA
MW-4	02/09/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	17.13	6.60	10.53	NA
MW-4	04/11/1996	NA	NA	NA	NA	NA	NA	NA	NA	17.13	6.54	10.59	NA
MW-4	08/01/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	17.13	7.04	10.09	NA
MW-4	11/11/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<30	NA	17.13	7.95	9.18	NA
MW-4	02/04/1997	<50	NA	<0.5	<0.5	<0.5	<0.5	<30	NA	17.13	5.24	11.89	NA
MW-4	05/02/1997	<50	NA	<0.5	<0.5	<0.5	<0.5	<30	NA	17.13	6.61	10.52	NA
MW-4	07/31/1997	<50	NA	7.2	<0.5	0.7	2.0	<30	NA	17.13	7.40	9.73	NA
MW-4	10/30/1997	<50	NA	<0.5	<0.5	<0.5	<0.5	<30	NA	17.13	7.52	9.61	NA
MW-4	02/04/1998	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	17.13	4.28	12.85	NA

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MW-4	05/08/1998	<100	NA	<1.0	<1.0	<1.0	<1.0	<5.0	NA	17.13	5.74	11.39	NA
MW-4	07/21/1998	<50	NA	2.0	2.2	1.2	6.3	<2.5	NA	17.13	6.75	10.38	NA
MW-4	11/19/1998	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.0	NA	17.13	7.51	9.62	NA
MW-5	01/26/1993	NA	NA	NA	NA	NA	NA	NA	NA	15.59	NA	NA	NA
MW-5	02/04/1993	NA	NA	NA	NA	NA	NA	NA	NA	15.59	NA	NA	NA
MW-5	03/09/1993	NA	NA	NA	NA	NA	NA	NA	NA	15.59	5.45	10.14	NA
MW-5	05/06/1993	6,200	NA	460	980	300	1,200	NA	NA	15.59	6.00	9.59	NA
MW-5	06/15/1993	NA	NA	NA	NA	NA	NA	NA	NA	15.59	7.81	7.78	NA
MW-5	07/26/1993	NA	NA	NA	NA	NA	NA	NA	NA	15.59	NA	NA	NA
MW-5	08/31/1993	NA	NA	NA	NA	NA	NA	NA	NA	15.59	NA	NA	NA
MW-5	09/27/1993	NA	NA	NA	NA	NA	NA	NA	NA	15.59	NA	NA	NA
MW-5	10/19/1993	NA	NA	NA	NA	NA	NA	NA	NA	15.59	NA	NA	NA
MW-5	11/15/1993	NA	NA	NA	NA	NA	NA	NA	NA	15.59	NA	NA	NA
MW-5	12/17/1993	NA	NA	NA	NA	NA	NA	NA	NA	15.59	NA	NA	NA
MW-5	02/07/1994	NA	NA	NA	NA	NA	NA	NA	NA	15.59	NA	NA	NA
MW-5	05/20/1994	NA	NA	NA	NA	NA	NA	NA	NA	15.59	NA	NA	NA
MW-5	08/22/1994	NA	NA	NA	NA	NA	NA	NA	NA	15.59	7.27	8.32	NA
MW-5	11/02/1994	5,700	NA	800	400	4.7	600	NA	NA	15.59	NA	NA	NA
MW-5	02/14/1995	1,300	NA	290	76	21	140	NA	NA	15.59	NA	NA	NA
MW-5	05/19/1995	600	NA	83	20	5.7	33	NA	NA	15.59	11.55	4.04	NA
MW-5	08/22/1995	8,100	NA	650	720	54	1,700	<50	NA	15.59	6.02	9.57	NA
MW-5	10/25/1995	1,500	NA	290	85	15	170	NA	NA	15.59	11.05	4.54	NA
MW-5	02/09/1996	1,000	NA	120	49	26	130	NA	NA	15.59	6.70	8.89	NA
MW-5	04/11/1996	210	NA	5.7	<0.5	9.2	22	NA	NA	15.59	12.21	3.38	NA
MW-5	08/01/1996	86	NA	<0.5	<0.5	<0.5	5.3	NA	NA	15.59	2.80	12.79	NA
MW-5	11/11/1996	NA	NA	NA	NA	NA	NA	NA	NA	15.59	NA	NA	NA
MW-5	02/04/1997	NA	NA	NA	NA	NA	NA	NA	NA	15.59	NA	NA	NA
MW-5	05/02/1997	<50	NA	<0.5	<0.5	<0.5	<0.5	<30	NA	15.59	7.01	8.58	NA
MW-5	07/31/1997	110	NA	5.8	3.2	5.8	17	<30	NA	15.59	6.78	8.81	NA
MW-5	10/30/1997	50	NA	0.8	<0.5	0.5	5.2	<30	NA	15.59	7.69	7.90	NA

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MW-5	02/04/1998	Inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-5	05/08/1998	Inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-5	07/21/1998	Inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-5	11/19/1998	Inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-6	01/26/1993	NA	NA	NA	NA	NA	NA	NA	NA	17.05	6.63	10.42	NA
MW-6	02/04/1993	2,300	NA	19	5.4	27	220	NA	NA	17.05	6.48	10.57	NA
MW-6	03/09/1993	NA	NA	NA	NA	NA	NA	NA	NA	17.05	6.68	10.37	NA
MW-6	05/06/1993	540	NA	44	0.9	7.0	6.7	NA	NA	17.05	6.93	10.12	NA
MW-6	06/15/1993	NA	NA	NA	NA	NA	NA	NA	NA	17.05	7.00	10.05	NA
MW-6	07/26/1993	NA	NA	NA	NA	NA	NA	NA	NA	17.05	7.25	9.80	NA
MW-6	08/31/1993	NA	NA	NA	NA	NA	NA	NA	NA	17.05	7.83	9.22	NA
MW-6	09/27/1993	180	NA	2.7	0.7	6.3	13	NA	NA	17.05	8.38	8.67	NA
MW-6	10/19/1993	NA	NA	NA	NA	NA	NA	NA	NA	17.05	8.76	8.29	NA
MW-6	11/15/1993	180	NA	2.2	0.9	5.4	16	NA	NA	17.05	8.65	8.40	NA
MW-6	12/17/1993	NA	NA	NA	NA	NA	NA	NA	NA	17.05	7.78	9.27	NA
MW-6	02/07/1994	240	NA	2.9	1.2	3.9	7.1	NA	NA	17.05	7.90	9.15	NA
MW-6	05/20/1994	600	NA	4.5	2.2	24	66	NA	NA	17.05	6.95	10.10	NA
MW-6	08/22/1994	400	NA	3.2	1.0	7.9	40	NA	NA	17.05	8.17	8.88	NA
MW-6	11/02/1994	150	NA	1.6	1.3	6.5	27	NA	NA	17.05	10.56	6.49	NA
MW-6	02/14/1995	770	NA	4.0	2.9	42	130	NA	NA	17.05	8.08	8.97	NA
MW-6	05/19/1995	2,400	NA	6.9	11	99	350	NA	NA	17.05	8.51	8.54	NA
MW-6	08/22/1995	190	NA	1.0	1.7	5.2	18	<10	NA	17.05	7.50	9.55	NA
MW-6	10/25/1995	910	NA	5.5	3.3	50	160	NA	NA	17.05	8.61	8.44	NA
MW-6	02/09/1996	4,100	NA	3.8	10	60	270	NA	NA	17.05	7.26	9.79	NA
MW-6	04/11/1996	NA	NA	NA	NA	NA	NA	NA	NA	17.05	7.41	9.64	NA
MW-6	08/01/1996	2,200	NA	5.1	2.4	160	170	NA	NA	17.05	7.10	9.95	NA
MW-6	11/11/1996	1,000	NA	3.7	1.5	38	1,100	<30	NA	17.05	8.04	9.01	NA
MW-6	02/04/1997	2,500	NA	21	3.1	180	320	<30	NA	17.05	6.10	10.95	NA
MW-6	05/02/1997	1,600	NA	33	1.6	92	180	<30	NA	17.05	7.07	9.98	NA
MW-6	07/31/1997	2,600	NA	8.8	5.8	140	280	<30	NA	17.05	7.43	9.62	NA

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MW-6	10/30/1997	1,100	NA	3.5	<0.5	64	97	<30	NA	17.05	7.59	9.46	NA
MW-6	02/04/1998	400	NA	2.0	0.6	3.3	36	NA	NA	17.05	5.86	11.19	NA
MW-6	05/08/1998	2,100	NA	83	11	150	250	110	NA	17.05	5.79	11.26	NA
MW-6	07/21/1998	2,100	NA	65	7.4	180	380	110	NA	17.05	7.11	9.94	NA
MW-6	11/19/1998	120	NA	0.785	<0.5	<0.5	1.51	8.31	NA	17.05	7.49	9.56	NA
MW-7	01/26/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.65	6.53	10.12	NA
MW-7	02/04/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	16.65	6.40	10.25	NA
MW-7	03/09/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.65	6.52	10.13	NA
MW-7	05/06/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.65	NA	NA	NA
MW-7	06/15/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.65	6.69	9.96	NA
MW-7	07/26/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.65	NA	NA	NA
MW-7	08/31/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.65	NA	NA	NA
MW-7	09/27/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	16.65	7.97	8.68	NA
MW-7	10/19/1993	NA	NA	NA	NA	NA	NA	NA	NA	16.65	8.24	8.41	NA
MW-7	11/15/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	16.65	8.22	8.43	NA
MW-7	12/17/1994	NA	NA	NA	NA	NA	NA	NA	NA	16.65	NA	NA	NA
MW-7	02/07/1994	NA	NA	NA	NA	NA	NA	NA	NA	16.65	NA	NA	NA
MW-7	05/20/1994	NA	NA	NA	NA	NA	NA	NA	NA	16.65	NA	NA	NA
MW-7	08/22/1994	130	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	16.65	7.78	8.87	NA
MW-7	11/02/1994	73	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	16.65	9.70	6.95	NA
MW-7	02/14/1995	NA	NA	NA	NA	NA	NA	NA	NA	16.65	NA	NA	NA
MW-7	05/19/1995	<50	NA	<0.5	<0.5	<0.5	2.3	NA	NA	16.65	7.33	9.32	NA
MW-7	08/22/1995	400	NA	<0.5	<0.5	<0.5	0.8	<10	NA	16.65	6.72	9.93	NA
MW-7	10/25/1995	NA	NA	NA	NA	NA	NA	NA	NA	16.65	NA	NA	NA
MW-7	02/09/1996	NA	NA	NA	NA	NA	NA	NA	NA	16.65	7.06	9.59	NA
MW-7	04/11/1996	NA	NA	NA	NA	NA	NA	NA	NA	16.65	NA	NA	NA
MW-7	08/01/1996	460	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	16.65	6.94	9.71	NA
MW-7	11/11/1996	NA	NA	NA	NA	NA	NA	NA	NA	16.65	NA	NA	NA
MW-7	02/04/1997	NA	NA	NA	NA	NA	NA	NA	NA	16.65	NA	NA	NA
MW-7	05/02/1997	150	NA	<0.5	<0.5	<0.5	<0.5	<30	NA	16.65	6.58	10.07	NA

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MW-7	07/31/1997	100	NA	<0.5	<0.5	<0.5	<0.5	<30	NA	16.65	7.04	9.61	NA
MW-7	10/30/1997	74	NA	<0.5	<0.5	<0.5	<0.5	<30	NA	16.65	7.02	9.63	NA
MW-7	02/04/1998	Inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-7	05/08/1998	65	NA	<0.5	<0.5	<0.5	1.0	<2.5	NA	16.65	6.22	10.43	NA
MW-7	07/21/1998	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	16.65	7.01	9.64	NA
MW-7	11/19/1998	Inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-8	01/26/1993	NA	NA	NA	NA	NA	NA	NA	NA	15.87	5.30	10.57	NA
MW-8	02/04/1993	540	NA	150	3.7	5.2	10.0	NA	NA	15.87	5.62	10.25	NA
MW-8	03/09/1993	NA	NA	NA	NA	NA	NA	NA	NA	15.87	5.56	10.31	NA
MW-8	05/06/1993	22,000	NA	9,400	46	390	520	NA	NA	15.87	5.99	9.88	NA
MW-8	06/15/1993	NA	NA	NA	NA	NA	NA	NA	NA	15.87	6.32	9.55	NA
MW-8	07/26/1993	NA	NA	NA	NA	NA	NA	NA	NA	15.87	6.75	9.12	NA
MW-8	08/31/1993	NA	NA	NA	NA	NA	NA	NA	NA	15.87	7.35	8.52	NA
MW-8	09/27/1993	8,000	NA	1,700	22	30	75	NA	NA	15.87	7.86	8.01	NA
MW-8	10/19/1993	NA	NA	NA	NA	NA	NA	NA	NA	15.87	8.27	7.60	NA
MW-8	11/15/1993	2,000	NA	840	8.8	15	42	NA	NA	15.87	8.17	7.70	NA
MW-8	12/17/1993	NA	NA	NA	NA	NA	NA	NA	NA	15.87	7.14	8.73	NA
MW-8	02/07/1994	1,700	NA	460	0.6	13	5.0	NA	NA	15.87	7.26	8.61	NA
MW-8	05/20/1994	110	NA	98	1.4	1.3	3.4	NA	NA	15.87	6.17	9.70	NA
MW-8	08/22/1994	51	NA	16	<0.5	<0.5	<0.5	NA	NA	15.87	7.63	8.24	NA
MW-8	11/02/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	15.87	10.16	5.71	NA
MW-8	02/14/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	15.87	7.32	8.55	NA
MW-8	05/19/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	15.87	7.83	8.04	NA
MW-8	08/22/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	<10	NA	15.87	6.98	8.89	NA
MW-8	10/25/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	15.87	8.16	7.71	NA
MW-8	02/09/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	15.87	4.89	10.98	NA
MW-8	04/11/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	15.87	8.48	7.39	NA
MW-8	08/01/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	15.87	6.60	9.27	NA
MW-8	11/11/1996	<50	NA	1.3	<0.5	<0.5	0.67	<30	NA	15.87	7.28	8.59	NA
MW-8	02/04/1997	<50	NA	<0.5	<0.5	<0.5	<0.5	<30	NA	15.87	5.39	10.48	NA

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MW-8	05/02/1997	<50	NA	1.6	<0.5	<0.5	<0.5	<30	NA	15.87	6.28	9.59	NA
MW-8	07/31/1997	960	NA	520	<0.5	2.3	6.4	<30	NA	15.87	6.84	9.03	NA
MW-8	10/30/1997	150	NA	51	<0.5	2.5	<0.5	<30	NA	15.87	6.66	9.21	NA
MW-8	02/04/1998	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	15.87	3.76	12.11	NA
MW-8	05/08/1998	<50	NA	<0.5	<0.5	<0.5	<0.5	5.4	NA	15.87	5.48	10.39	NA
MW-8	07/21/1998	58	NA	6.8	2.5	1.2	6.6	<2.5	NA	15.87	6.50	9.37	NA
MW-8	11/19/1998	<50	NA	1.20	<0.5	<0.5	<0.5	<2.0	NA	15.87	6.81	9.06	NA
MW-9	08/22/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	<10	NA	14.44	6.00	8.44	NA
MW-9	10/25/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	14.44	6.71	7.73	NA
MW-9	02/09/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	14.44	4.87	9.57	NA
MW-9	04/11/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	14.44	5.40	9.04	NA
MW-9	08/01/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	14.44	5.69	8.75	NA
MW-9	11/11/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<30	NA	14.44	6.44	8.00	NA
MW-9	02/04/1997	<50	NA	<0.5	<0.5	<0.5	<0.5	<30	NA	14.44	4.30	10.14	NA
MW-9	05/07/1997	<50	NA	<0.5	<0.5	<0.5	<0.5	<30	NA	14.44	5.34	9.10	NA
MW-9	07/31/1997	120	NA	4.3	3.0	3.2	10	<30	NA	14.44	5.97	8.47	NA
MW-9	10/30/1997	<50	NA	<0.5	<0.5	<0.5	<0.5	<30	NA	14.44	6.15	8.29	NA
MW-9	02/04/1998	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	14.44	3.30	11.14	NA
MW-9	05/08/1998	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	14.44	4.70	9.74	NA
MW-9	07/21/1998	75	NA	7.5	6.1	2.3	12	<2.5	NA	14.44	5.53	8.91	NA
MW-9	11/19/1998	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.0	NA	14.44	6.15	8.29	NA
MW-10	08/22/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	<10	NA	15.04	6.86	8.18	NA
MW-10	10/25/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	15.04	7.91	7.13	NA
MW-10	02/09/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	15.04	4.45	10.59	NA
MW-10	04/11/1996	<50	NA	0.7	1.8	1.3	7.7	NA	NA	15.04	4.61	10.43	NA
MW-10	08/01/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	15.04	6.25	8.79	NA
MW-10	11/11/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<30	NA	15.04	7.42	7.62	NA
MW-10	02/04/1997	<50	NA	<0.5	<0.5	<0.5	<0.5	<30	NA	15.04	4.00	11.04	NA
MW-10	05/02/1997	<50	NA	<0.5	<0.5	<0.5	<0.5	<30	NA	15.04	5.52	9.52	NA

WELL CONCENTRATIONS
Texaco-branded Service Station
1127 Lincoln Avenue
Alameda, California

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
MW-10	07/31/1997	85	NA	2.6	1.4	2.3	6.8	<30	NA	15.04	6.68	8.36	NA
MW-10	10/30/1997	<50	NA	<0.5	<0.5	<0.5	<0.5	<30	NA	15.04	6.92	8.12	NA
MW-10	02/04/1998	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	15.04	1.90	13.14	NA
MW-10	05/08/1998	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	15.04	4.29	10.75	NA
MW-10	07/21/1998	87	NA	8.9	7.1	2.7	14	<2.5	NA	15.04	5.65	9.39	NA
MW-10	11/19/1998	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.0	NA	15.04	6.69	8.35	NA
MW-11	08/22/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	<10	NA	10.61	5.12	5.49	NA
MW-11	10/25/1995	NA	NA	NA	NA	NA	NA	NA	NA	10.61	NA	NA	NA
MW-11	02/09/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	10.61	2.73	7.88	NA
MW-11	04/11/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	10.61	3.00	7.61	NA
MW-11	08/01/1996	76	NA	6.8	5.3	2.7	9.1	NA	NA	10.61	4.66	5.95	NA
MW-11	11/11/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<30	NA	10.61	5.85	4.76	NA
MW-11	02/04/1997	<50	NA	<0.5	<0.5	<0.5	<0.5	<30	NA	10.61	2.20	8.41	NA
MW-11	05/02/1997	<50	NA	<0.5	<0.5	<0.5	<0.5	<30	NA	10.61	3.95	6.66	NA
MW-11	07/31/1997	170	NA	11	4.5	6.4	19	<30	NA	10.61	5.33	5.28	NA
MW-11	10/30/1997	<50	NA	<0.5	<0.5	<0.5	<0.5	<30	NA	10.61	5.76	4.85	NA
MW-11	02/04/1998	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	10.61	1.60	9.01	NA
MW-11	05/08/1998	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	10.61	2.66	7.95	NA
MW-11	07/21/1998	160	NA	16	12	4.6	24	<2.5	NA	10.61	3.99	6.62	NA
MW-11	11/19/1998	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.0	NA	10.61	5.96	4.65	NA

WELL CONCENTRATIONS
Texaco-branded Service Station
1127 Lincoln Avenue
Alameda, California

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
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Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by modified EPA Method 8015

TEPH = Total petroleum hydrocarbons as diesel by modified EPA Method 8015

BTEX = benzene, toluene, ethylbenzene, xylenes

MTBE = methyl-tertiary-butyl ether by EPA Method 8020

TOC = Top of Casing Elevation

SPH = Separate Phase Hydrocarbons

GW = Groundwater

ug/L = parts per billion

msl = Mean sea level

ft = Feet

<n = Below detection limit



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December 10, 1998

Deidre Kerwin
Blaine Technical Services, Inc.
1680 Rogers Ave.
San Jose, CA 95112

RE: Texaco/P811341

Dear Deidre Kerwin

Enclosed are the results of analyses for sample(s) received by the laboratory on November 23, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Scott Forbes
Project Manager

CA ELAP Certificate Number 2245



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Blaine Technical Services, Inc. 1680 Rogers Ave. San Jose, CA 95112	Project: Texaco Project Number: 981119Y2/1127 Lincoln Ave Project Manager: Deidre Kerwin	Sampled: 11/19/98 Received: 11/23/98 Reported: 12/10/98
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ANALYTICAL REPORT FOR P811341

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
MW-1	P811341-01	Water	11/19/98
MW-2	P811341-02	Water	11/19/98
MW-3	P811341-03	Water	11/19/98
MW-4	P811341-04	Water	11/19/98
MW-6	P811341-05	Water	11/19/98
MW-8	P811341-06	Water	11/19/98
MW-9	P811341-07	Water	11/19/98
MW-10	P811341-08	Water	11/19/98
MW-11	P811341-09	Water	11/19/98



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Blaine Technical Services, Inc. 1680 Rogers Ave. San Jose, CA 95112	Project: Texaco Project Number: 981119Y2/1127 Lincoln Ave Project Manager: Deidre Kerwin	Sampled: 11/19/98 Received: 11/23/98 Reported: 12/10/98
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Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-1				P811341-01		Water		
Gasoline	8110530	12/1/98	12/2/98		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		2.00	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	-		99.3	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	-		91.3	"	
MW-2				P811341-02		Water		
Gasoline	8110530	11/30/98	11/30/98		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		2.00	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	-		98.3	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	-		93.3	"	
MW-3				P811341-03		Water		
Gasoline	8110530	11/30/98	11/30/98		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		2.00	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	-		90.7	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	-		92.3	"	
MW-4				P811341-04		Water		
Gasoline	8110530	11/30/98	11/30/98		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		2.00	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	-		99.0	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	-		92.7	"	
MW-6				P811341-05		Water		
Gasoline	8110530	11/30/98	11/30/98		50.0	120	ug/l	



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Blaine Technical Services, Inc. 1680 Rogers Ave. San Jose, CA 95112	Project: Texaco Project Number: 981119Y2/1127 Lincoln Ave Project Manager: Deidre Kerwin	Sampled: 11/19/98 Received: 11/23/98 Reported: 12/10/98
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Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-6 (continued)				P811341-05			Water	
Benzene	8110530	11/30/98	11/30/98		0.500	0.785	ug/l	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	1.51	"	
Methyl tert-butyl ether	"	"	"		2.00	8.31	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	-		87.7	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	-		94.0	"	
MW-8				P811341-06			Water	
Gasoline	8110530	11/30/98	11/30/98		50.0	ND	ug/l	
Benzene	"	"	"		0.500	1.20	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		2.00	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	-		99.0	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	-		92.3	"	
MW-9				P811341-07			Water	
Gasoline	8110530	11/30/98	11/30/98		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		2.00	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	-		98.7	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	-		92.0	"	
MW-10				P811341-08			Water	
Gasoline	8110530	11/30/98	11/30/98		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		2.00	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	-		99.1	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	-		92.3	"	
MW-11				P811341-09			Water	
Gasoline	8110530	11/30/98	11/30/98		50.0	ND	ug	
Benzene	"	"	"		0.500	ND	"	

*Petroleum hydrocarbons reported as total petroleum hydrocarbons (TPH) and defined as follows:



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Blaine Technical Services, Inc. 1680 Rogers Ave. San Jose, CA 95112	Project: Texaco Project Number: 981119Y2/1127 Lincoln Ave Project Manager: Deidre Kerwin	Sampled: 11/19/98 Received: 11/23/98 Reported: 12/10/98
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Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
<u>MW-11 (continued)</u>				<u>P811341-09</u>			<u>Water</u>	
Toluene	8110530	11/30/98	11/30/98		0.500	ND	ug/l	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		2.00	ND	"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	"	"	"	-		101	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	-		91.3	"	



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Blaine Technical Services, Inc. 1680 Rogers Ave. San Jose, CA 95112	Project: Texaco Project Number: 981119Y2/1127 Lincoln Ave Project Manager: Deidre Kerwin	Sampled: 11/19/98 Received: 11/23/98 Reported: 12/10/98
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Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M/Quality Control Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov %	RPD Limit	RPD %	Notes*
Batch: 8110530			Date Prepared: 11/30/98			Extraction Method: EPA 5030 waters				
Blank			8110530-BLK1							
Gasoline	11/30/98			ND	ug/l	50.0				
Benzene	"			ND	"	0.500				
Toluene	"			ND	"	0.500				
Ethylbenzene	"			ND	"	0.500				
Xylenes (total)	"			ND	"	0.500				
Methyl tert-butyl ether	"			ND	"	2.00				
Surrogate: a,a,a-Trifluorotoluene	"	300		287	"		95.7			
Surrogate: 4-Bromofluorobenzene	"	300		259	"		86.3			
Blank			8110530-BLK2							
Gasoline	12/1/98			ND	ug/l	50.0				
Benzene	"			ND	"	0.500				
Toluene	"			ND	"	0.500				
Ethylbenzene	"			ND	"	0.500				
Xylenes (total)	"			ND	"	0.500				
Methyl tert-butyl ether	"			ND	"	2.00				
Surrogate: a,a,a-Trifluorotoluene	"	300		276	"		92.0			
Surrogate: 4-Bromofluorobenzene	"	300		257	"		85.7			
LCS			8110530-BS1							
Benzene	11/30/98	100		92.6	ug/l		92.6			
Toluene	"	100		88.4	"		88.4			
Ethylbenzene	"	100		86.8	"		86.8			
Xylenes (total)	"	300		269	"		87.7			
Surrogate: a,a,a-Trifluorotoluene	"	300		292	"		97.3			
LCS			8110530-BS2							
Gasoline	12/1/98	1000		968	ug/l		96.8			
Surrogate: 4-Bromofluorobenzene	"	300		264	"		88.0			
Matrix Spike			8110530-MS1			P811319-06				
Benzene	11/30/98	100	ND	94.3	ug/l		94.3			
Toluene	"	100	ND	90.0	"		90.0			
Ethylbenzene	"	100	ND	89.1	"		89.1			
Xylenes (total)	"	300	ND	273	"		91.0			
Surrogate: a,a,a-Trifluorotoluene	"	300		270	"		90.0			
Matrix Spike Dup			8110530-MSD1			P811319-06				
Benzene	11/30/98	100	ND	98.8	ug		98.8		4.66	
Toluene	"	100	ND	94.3	"		94.3		4.67	



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Blaine Technical Services, Inc. 1680 Rogers Ave. San Jose, CA 95112	Project: Texaco Project Number: 981119Y2/1127 Lincoln Ave Project Manager: Deidre Kerwin	Sampled: 11/19/98 Received: 11/23/98 Reported: 12/10/98
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Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M/Quality Control Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Matrix Spike Dup (continued)	8110530-MSD1		P811319-06							
Ethylbenzene	11/30/98	100	ND	93.1	ug/l		93.1		4.39	
Xylenes (total)	"	300	ND	283	"		94.3		3.56	
Surrogate: a,a,a-Trifluorotoluene	"	300		292	"		97.3			





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Blaine Technical Services, Inc. 1680 Rogers Ave. San Jose, CA 95112	Project: Texaco Project Number: 981119Y2/1127 Lincoln Ave Project Manager: Deidre Kerwin	Sampled: 11/19/98 Received: 11/23/98 Reported: 12/10/98
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Notes and Definitions

#	Note
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
Recov.	Recovery
RPD	Relative Percent Difference



SEQUOIA ANALYTICAL CHAIN OF CUSTODY

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Company Name: TRM EHS		Project Name: 98119 Y2	
Address: Texaco Loc. #624881450, 1127 Lincoln Ave.		Billing Address (if different): 108 Cutting Boulevard	
City: Alameda	State: CA	Zip Code: Richmond, California 94804	
Telephone: (510) 236-3541	FAX #: (510) 237-7821	P.O. #:	
Report to: Deidre Kerwin (BTS)	Sampler:	QC Data: <input type="checkbox"/> Level D (Standard) <input type="checkbox"/> Level C <input type="checkbox"/> Level B <input type="checkbox"/> Level A	

Turnaround 10 Working Days 3 Working Days 2 - 8 Hours
 Time: 7 Working Days 2 Working Days
 5 Working Days 24 Hours

Analyses Requested
 Drinking Water
 Waste Water
 Other

Client Sample ID	Date/Time Sampled	Matrix Desc.	# of Cont.	Cont. Type	Sequoia's Sample #	Analyses Requested					Comments	
						TPH-g/BTEX/MPA	TPH Diesel	O&G/TPPH (418.1)	Nitrate	Sulfate		Total Sulfide
1 MW1	11/19 1308				PB11341-01	X						
2 MW2	1422				-02	X						
3 MW3	1515				-03	X						
4 MW4	1240				-04	X						
5 MW5	1340				-05	X						
6 MW6	1330				-06	X						
7 MW7	1355				-07	X						
8 MW10	1435				-08	X						
9 MW11	1455				-09	X						
10												

Relinquished By: <i>[Signature]</i>	Date: 11/20/98	Time: 10:15	Received By: <i>[Signature]</i>	Date: 11-20	Time: 10:15
COOLER BODY SEALS INTACT: <input checked="" type="checkbox"/> NOT INTACT	Date: 11-20	Time:	Received By:	Date:	Time:
COOLER TEMPERATURE: 5 °C	Date:	Time:	Received By Lab: <i>[Signature]</i>	Date: 11/20/98	Time: 11:26

Were Samples Received in Good Condition? Yes No
 Samples on Ice? Yes No
 Method of Shipment: Sequoia 11/23
 Page 1 of 1

Pink - Client

Yellow - Sequoia

White - Sequoia

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CHH 1135M
REC 15 (PPH11)

BLANK
MIKE

WORKORDER!
DATE OF LOG-IN

CIRCLE THE APPROPRIATE RESPONSE

		LAB SAMPLE #	DASH #	CLIENT IDENTIFICATION	CONTAINER DESCRIPTION	SAMPLE MATRIX	DATE SAMP.	REMARKS CONDITION (E.I.C.)
1 Custody Seal(s)	Present / Absent Intact / Broken*			MW-1	(PX) VOA ₂	L	11/19/98	
2 Custody Seal #	Put in Remarks Section			2				
3 Chain of Custody	Present / Absent*			3				
4 Traffic Reports or Packing List	Present / Absent			4				
5 Airbill	Airbill / Sticker Present / Absent*			6				
6 Airbill #				8				
7 Sample Taps	Present / Absent			9				
8 Sample Taps #s	Listed / Not Listed on Chain-of-Custody			10				
9 Sample Condition	(Intact / Broken* / Leaking*)			11				
10 Does information on custody reports, traffic reports and sample taps agree?	Yes / No*							
11 Proper Preservatives used	Yes / No*							
12 Date Rec. at Lab								
13 Temp Rec. at Lab								

5 11/20/98

11/20/98
1126
8°C

*If Circled, contact Project Manager and attach record of resolution

Well Gauging Data

Project Name: 7/8/19 US
Project Number: TEXAS: H-62485/150

Date: 11/17
Recorded By: ET

Well ID	TOC Elev.	DTB (ft. TOC)	Well Dia (in.)	DTP (ft.)	DTW (ft.)	PT (ft.)	Comments
MW1		18.91	4		6.79		
MW2		19.08	24		7.41		
MW3		19.27	4		7.61		
MW4		20.23	4		7.51		
MW5		PAVED OVER					
MW6		19.53	2		7.49		
MW7		UNACCESSIBLE					CAR OVER WELL
MW8		19.81	4		6.81		
MW9		14.58	4		6.15		
MW10		19.41	4		6.69		
MW11		19.21	4		5.90		

TOC = Top of casing
DTB = Depth to bottom in feet below TOC
DTP = Depth to product in feet below TOC
DTW = Depth to water in feet below TOC
PT = Product thickness in feet

TEXACO WELL MONITORING DATA SHEET

Project #: 981119 Y 2	Texaco ID#: 624 88 1450
Sampler: B. TAYLOR	Date: 11/19/98
Well I.D.: MW1	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 19.08	Depth to Water: 7.41
Depth to Free Product:	Thickness of Free Product:
All Measurements are referenced to TOC. Meter used is Myron LpDS pH/EC Meter. All temperatures taken in degrees Fahrenheit.	

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.17	5"	1.02
3"	0.38	6"	1.50
4"	0.66	8"	2.60
4.5"	0.83	Other	radius ² * 0.164

Purge Method: S.S. Bailer Teflon Bailer Middleburg <u>Electric Submersible</u> Extraction Pump Other: _____	Sampling Method: <u>S.S. Bailer</u> Teflon Bailer Extraction Port Other: _____
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<u>8</u>	x	<u>3</u>	=	<u>24</u> Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
1302	62.8	6.8	423	20	8	
1303	63.7	6.7	474	10	16	
1304	64.1	6.7	481	10	24	

Did well dewater? Yes <input type="checkbox"/> <u>No</u>	Gallons actually evacuated: <u>24</u>
Sampling Time: <u>13 08</u>	Sampling Date: <u>11/19/98</u>
Sample I.D.: <u>MW1</u>	Laboratory: <u>Sequoia</u>
Analyzed for: <u>Tph-G BTEX</u> Tph-D Other: <u>MTBE</u>	
Equipment Blank I.D.:	Analyzed for same as primary sample

TEXACO WELL MONITORING DATA SHEET

Project #: 981119 Y 2	Texaco ID#: 624 881450
Sampler: B. TAYLOR	Date: 11/19/98
Well I.D.: 12	Well Diameter: 2 3 4 6 8
Total Well Depth: 19.06	Depth to Water: 7.41
Depth to Free Product:	Thickness of Free Product:

All Measurements are referenced to TOC. Meter used is Myron LpDS pH/EC Meter. All temperatures taken in degrees Fahrenheit.

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.17	5"	1.02
3"	0.38	6"	1.50
4"	0.66	8"	2.60
4.5"	0.83	Other	radius ² * 0.164

Purge Method: S.S. Bailer Teflon Bailer Middleburg <u>Electric Submersible</u> Extraction Pump Other: _____	Sampling Method: <u>S.S. Bailer</u> Teflon Bailer Extraction Port Other: _____
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<u>7.6</u>	x	<u>3</u>	=	<u>22.8</u> Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
1416	61.4	6.8	427	10	8	
1417	63.8	6.7	441	10	16	
1418	63.9	6.6	443	10	23	

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: <u>23</u>
Sampling Time: <u>1422</u>	Sampling Date: <u>11/19/98</u>
Sample I.D.: <u>MV2</u>	Laboratory: <u>Sequoia</u>
Analyzed for: <u>Tph-G BTEX</u> Tph-D	Other: <u>MTHF</u>
Equipment Blank I.D.:	Analyzed for same as primary sample

TEXACO WELL MONITORING DATA SHEET

Project #: 981119 Y 2	Texaco ID#: 624 881450
Sampler: B. TAYLOR	Date: 11/19/98
Well I.D.: MW3	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 19.27	Depth to Water: 7.81
Depth to Free Product:	Thickness of Free Product:
All Measurements are referenced to TOC. Meter used is Myron LpDS pH/EC Meter. All temperatures taken in degrees Fahrenheit.	

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.17	5"	1.02
3"	0.38	6"	1.50
4"	0.66	8"	2.60
4.5"	0.83	Other	radius ² * 0.164

Purge Method: S.S. Bailer Teflon Bailer Middleburg <u>Electric Submersible</u> Extraction Pump Other: _____	Sampling Method: <u>S.S. Bailer</u> Teflon Bailer Extraction Port Other: _____
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<u>8</u>	x	<u>3</u>	=	<u>24</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
1508	66.7	6.8	683	> 200	8	
1509	67.8	6.7	711	110	16	
1510	68.1	6.7	714	20	24	

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: 24
Sampling Time: 15 15	Sampling Date: 11/19/98
Sample I.D.: MW3	Laboratory: Sequoia
Analyzed for: <u>Tph-G BTEX</u> Tph-D	Other: <u>MP</u>
Equipment Blank I.D.:	Analyzed for same as primary sample

TEXACO WELL MONITORING DATA SHEET

Project #: 981119 Y 2	Texaco ID#: 624 881450
Sampler: B. TAYLOR	Date: 11/19/98
Well I.D.: MW4	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 20.23	Depth to Water: 7.51
Depth to Free Product:	Thickness of Free Product:
All Measurements are referenced to TOC. Meter used is Myron LpDS pH/EC Meter. All temperatures taken in degrees Fahrenheit.	

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.17	5"	1.02
3"	0.38	6"	1.50
4"	0.66	8"	2.60
4.5"	0.83	Other	radius ² * 0.164

Purge Method: S.S. Bailer Teflon Bailer Middleburg <u>Electric Submersible</u> Extraction Pump Other: _____	Sampling Method: <u>S.S. Bailer</u> Teflon Bailer Extraction Port Other: _____
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<u>9</u>	x	<u>3</u>	=	<u>27</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
1234	64.2	7.0	1128	10	9	
1238	64.8	6.8	1091	10	18	
1236	64.9	6.6	1095	10	27	

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: 27
Sampling Time: 1240	Sampling Date: 11/19/98
Sample I.D.: MW4	Laboratory: Sequoia
Analyzed for: <u>Tph-G</u> <u>BTEX</u> Tph-D	Other: MTHF
Equipment Blank I.D.:	Analyzed for same as primary sample

TEXACO WELL MONITORING DATA SHEET

Project #: 981119 Y 2	Texaco ID#: 624 881450
Sampler: B. TAYLOR	Date: 11/19/98
Well I.D.: MWS	Well Diameter: 2 3 4 6 8 <u> </u>
Total Well Depth:	Depth to Water:
Depth to Free Product:	Thickness of Free Product:
All Measurements are referenced to TOC. Meter used is Myron LpDS pH/EC Meter. All temperatures taken in degrees Fahrenheit.	

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.17	5"	1.02
3"	0.38	6"	1.50
4"	0.66	8"	2.60
4.5"	0.83	Other	radius ² * 0.164

Purge Method: S.S. Bailer Teflon Bailer Middleburg Electric Submersible Extraction Pump Other: _____	Sampling Method: <u>S.S. Bailer</u> Teflon Bailer Extraction Port Other: _____
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_____	X	_____ 3 _____	=	_____ Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor

Did well dewater? Yes No	Gallons actually evacuated: _____
Sampling Time: _____	Sampling Date: 11/19/98
Sample I.D.: _____	Laboratory: Sequoia
Analyzed for: <u>Tph-G</u> <u>BTEX</u> Tph-D Other: <u>M-T-A-E</u>	
Equipment Blank I.D.: _____	Analyzed for same as primary sample

TEXACO WELL MONITORING DATA SHEET

Project #: 981119 Y 2	Texaco ID#: 624 881450
Sampler: B. TAYLOR	Date: 11/19/98
Well I.D.: MWG	Well Diameter: (2) 3 4 6 8
Total Well Depth: 19.52	Depth to Water: 7.89
Depth to Free Product:	Thickness of Free Product:
All Measurements are referenced to TOC. Meter used is Myron LpDS pH/EC Meter. All temperatures taken in degrees Fahrenheit.	

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.17	5"	1.02
3"	0.38	6"	1.50
4"	0.66	8"	2.60
4.5"	0.83	Other	radius ² * 0.164

Purge Method: <u>S.S. Bailer</u> Teflon Bailer Middleburg Electric Submersible Extraction Pump Other: _____	Sampling Method: <u>S.S. Bailer</u> Teflon Bailer Extraction Port Other: _____
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<u>2</u>	x	<u>3</u>	=	<u>6</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
1531	62.9	7.0	642	20	2	
1534	65.1	6.8	651	10	4	
1537	65.2	6.8	673	10	6	

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: <u>6</u>
Sampling Time: <u>1840</u>	Sampling Date: <u>11/19/98</u>
Sample I.D.: <u>MWG</u>	Laboratory: <u>Sequoia</u>
Analyzed for: <u>Tph-G BTEX</u> Tph-D	Other: <u>MTH</u>
Equipment Blank I.D.:	Analyzed for same as primary sample

TEXACO WELL MONITORING DATA SHEET

Project #: 981119 Y 2	Texaco ID#: 624 881450
Sampler: B. TAYLOR	Date: 11/19/98
Well I.D.: MW 7	Well Diameter: 2 3 4 6 8
Total Well Depth:	Depth to Water:
Depth to Free Product:	Thickness of Free Product:
All Measurements are referenced to TOC. Meter used is Myron LpDS pH/EC Meter. All temperatures taken in degrees Fahrenheit.	

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.17	5"	1.02
3"	0.38	6"	1.50
4"	0.66	8"	2.60
4.5"	0.83	Other	radius ² * 0.164

Purge Method: S.S. Bailer Teflon Bailer Middleburg Electric Submersible Extraction Pump Other: _____	Sampling Method: <u>S.S. Bailer</u> Teflon Bailer Extraction Port Other: _____
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_____	X	_____ 3 _____	=	_____ Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
			CAR	PARKBA	OVER	WELL

Did well dewater? Yes No	Gallons actually evacuated: _____
Sampling Time: _____	Sampling Date: 11/19/98
Sample I.D.: _____	Laboratory: <u>Secoia</u>
Analyzed for: <u>Tph-G BTEX</u> Tph-D	Other: <u>M-F</u>
Equipment Blank I.D.: _____	Analyzed for same as primary sample

TEXACO WELL MONITORING DATA SHEET

Project #: 981119 Y 2	Texaco ID#: 624 881450
Sampler: B. TAYLOR	Date: 11/19/98
Well ID.: MWS	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 19.81	Depth to Water: 6.81
Depth to Free Product:	Thickness of Free Product:
All Measurements are referenced to TOC. Meter used is Myron LpDS pH/EC Meter. All temperatures taken in degrees Fahrenheit.	

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.17	5"	1.02
3"	0.38	6"	1.50
4"	0.66	8"	2.60
4.5"	0.83	Other	radius ² * 0.164

Purge Method: S.S. Bailer Teflon Bailer Middleburg <u>Electric Submersible</u> Extraction Pump Other: _____	Sampling Method: <u>S.S. Bailer</u> Teflon Bailer Extraction Port Other: _____
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8.5	x	3	=	25.5	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
18 21	63.1	6.7	532	20	9	
13 22	63.7	6.7	541	20	18	
13 23	63.8	6.7	549	10	26	

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: 26
Sampling Time: 13 30	Sampling Date: 11/19/98
Sample I.D.:	Laboratory: Sequoia
Analyzed for: <u>Tph-G</u> <u>BTEX</u> Tpa-D Other: M-H	
Equipment Blank I.D.:	Analyzed for same as primary sample

TEXACO WELL MONITORING DATA SHEET

Project #: 981119 Y 2	Texaco ID#: 624 881450
Sampler: B. TAYLOR	Date: 11/19/98
Well I.D.: MW 9	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 14.58	Depth to Water: 6.15
Depth to Free Product:	Thickness of Free Product:
All Measurements are referenced to TOC. Meter used is Myron LpDS pH/EC Meter. All temperatures taken in degrees Fahrenheit.	

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.17	5"	1.02
3"	0.38	6"	1.50
4"	0.66	8"	2.60
4.5"	0.83	Other	radius ² * 0.164

Purge Method: S.S. Bailer Teflon Bailer Middleburg Electric Submersible Extraction Pump Other: _____	Sampling Method: <u>S.S. Bailer</u> Teflon Bailer Extraction Port Other: _____
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<u>6</u>	\times	<u>3</u>	$=$	<u>18</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
1348	63.1	6.6	376	20	6	
1349	63.3	6.5	401	10	12	
1350	63.8	6.6	407	10	18	

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: <u>18</u>
Sampling Time: <u>1355</u>	Sampling Date: <u>11/19/98</u>
Sample I.D.: <u>MW 9</u>	Laboratory: <u>Sequoia</u>
Analyzed for: <u>Tpn-G BTEX</u> Tpn-D	Other: <u>MTH</u>
Equipment Blank I.D.:	Analyzed for same as primary sample

TEXACO WELL MONITORING DATA SHEET

Project #: 981119 Y 2	Texaco ID#: 624 881450
Sampler: B. TAYLOR	Date: 11/19/98
Well I.D.: MW10	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 14.41	Depth to Water: 6.69
Depth to Free Product:	Thickness of Free Product:
All Measurements are referenced to TOC. Meter used is Myron LpDS pH/EC Meter. All temperatures taken in degrees Fahrenheit.	

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.17	5"	1.02
3"	0.38	6"	1.50
4"	0.66	8"	2.60
4.5"	0.83	Other	radius ² * 0.164

Purge Method: S.S. Bailer Teflon Bailer Middleburg Electric Submersible Extraction Pump Other: _____	Sampling Method: <u>S.S. Bailer</u> Teflon Bailer Extraction Port Other: _____
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<u>5</u>	x	<u>3</u>	=	<u>15</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
1431	65.8	7.8	676	7200	5	
1432	66.3	7.2	679	7200	10	
1433	66.7	7.1	683	7200	15	

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: 75
Sampling Time: 14 35	Sampling Date: 11/19/98
Sample I.D.: MW10	Laboratory: Sequoia
Analyzed for: <u>Tph-G BTEX</u> Tph-D	Other: <u>M-T-A</u>
Equipment Blank I.D.:	Analyzed for same as primary sample

TEXACO WELL MONITORING DATA SHEET

Project #: 981119 Y 2	Texaco ID#: 624 881450
Sampler: B. TAYLOR	Date: 11/19/98
Well I.D.: MW11	Well Diameter: 2 3 <u>6</u> 8
Total Well Depth: 14.21	Depth to Water: 5.96
Depth to Free Product:	Thickness of Free Product:
All Measurements are referenced to TOC. Meter used is Myron LpDS pH/EC Meter. All temperatures taken in degrees Fahrenheit.	

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.17	5"	1.02
3"	0.38	6"	1.50
4"	0.66	8"	2.60
4.5"	0.83	Other	radius ² * 0.164

Purge Method: S.S. Bailer Teflon Bailer Middleburg <u>Electric Submersible</u> Extraction Pump Other: _____	Sampling Method: <u>S.S. Bailer</u> Teflon Bailer Extraction Port Other: _____
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<u>6</u>	x	<u>3</u>	=	<u>18</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
1446	65.7	6.9	723	> 200	6	
1449	66.3	6.8	681	> 200	12	
1450	66.7	6.8	704	> 200	18	

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: <u>18</u>
Sampling Time: <u>1455</u>	Sampling Date: <u>11/19/98</u>
Sample I.D.: <u>MW11</u>	Laboratory: <u>Sequoia</u>
Analyzed for: <u>Tph-G BTEX</u> Tpn-D	Other: <u>M-T-B</u>
Equipment Blank I.D.:	Analyzed for same as primary sample

WELL HEAD INSPECTION CHECKLIST AND REPAIR ORDER

Client TEX Site # 624981450 Inspection date: 11/19/98
 Site address 1127 LINCOLN AVE Inspected by: B. TAYLOR
ALAMEDA CA BTS Event # 5811947

1. Lid on the box? Yes No	5. Water standing in the well box?	7. Can cap be pulled loose?
2. Lid whole?	5a. Standing above well top?	8. Can cap seal out water?
3. Lid secure?	5b. Standing below well top?	9. Padlock present?
4. Lid seal intact?	5c. Water even with top of well cap?	10. Padlock found locked?
	6. Well cap/plug present?	11. Padlock functional?

Check box if *no deficiencies* were found. Note below deficiencies you were able to correct.

Well I.D.	Deficiency	Corrective Action Taken

Note below all deficiencies that could not be corrected and *still need to be corrected*.

Well I.D.	Persisting Deficiency	BTS Office assigns or defers Correction to:	Date assigned	Date corrected

Office review and assignments made by _____ date _____