Texaco Refining and Marketing Inc
108 Cutting Boulevard
Richmond, CA 94804

February 27, 1998

ENV - STUDIES, SURVEYS, & REPORTS
Former Texaco Service Station/Current Auto Repair Facility
1127 Lincoln Avenue, Alameda, California
Quarterly Monitoring Report

Ms. Juliet Shin
Alameda County Department of Health
Hazardous Materials Division
1131 Harbor Bay Parkway
Alameda, California 94502-6577

Dear Ms. Shin:

This letter presents the results of groundwater monitoring and sampling conducted by Blaine Tech Services, Inc. on July 31st and October 30th, 1997, at the site referenced above (see Plate 1, Site Map). Based on groundwater level measurements, the areal hydraulic gradient was estimated to be north-northwest (see Plates 2 and 3, Groundwater Data) for both events. TPHg and benzene concentrations are shown on Plates 4 and 5. Table 1 lists historical groundwater monitoring data and analytical results. Submittal of the results of the Third and Fourth Quarter, 1997 monitoring and sampling events was delayed due to the conversion of historical data to a new format. The conversion was intended to make the reportage of future events much more timely and will take effect beginning the First Quarter of 1998.

The certified analytical report, chain-of-custody, field data sheets, bill of lading and quarterly summary report are in the Appendix. Texaco's Standard Operating Procedures may be found in the first quarter, 1995 monitoring report.

If you have any questions or comments regarding this site, please call the Texaco Project Coordinator, Ms. Karen Petryna at (510) 236-9139.

Best Regards,
Texaco Refining and Marketing Inc

Rebecca Digerness
Groundwater Program Analyst

REGISTERED PROFESSIONAL ENGINEER
KAREN E. PETRYNA
C55126
Exp 6-30-00

Karen E Petryna, P E
Civil Engineer
Environment Health & Safety

RBD:hs

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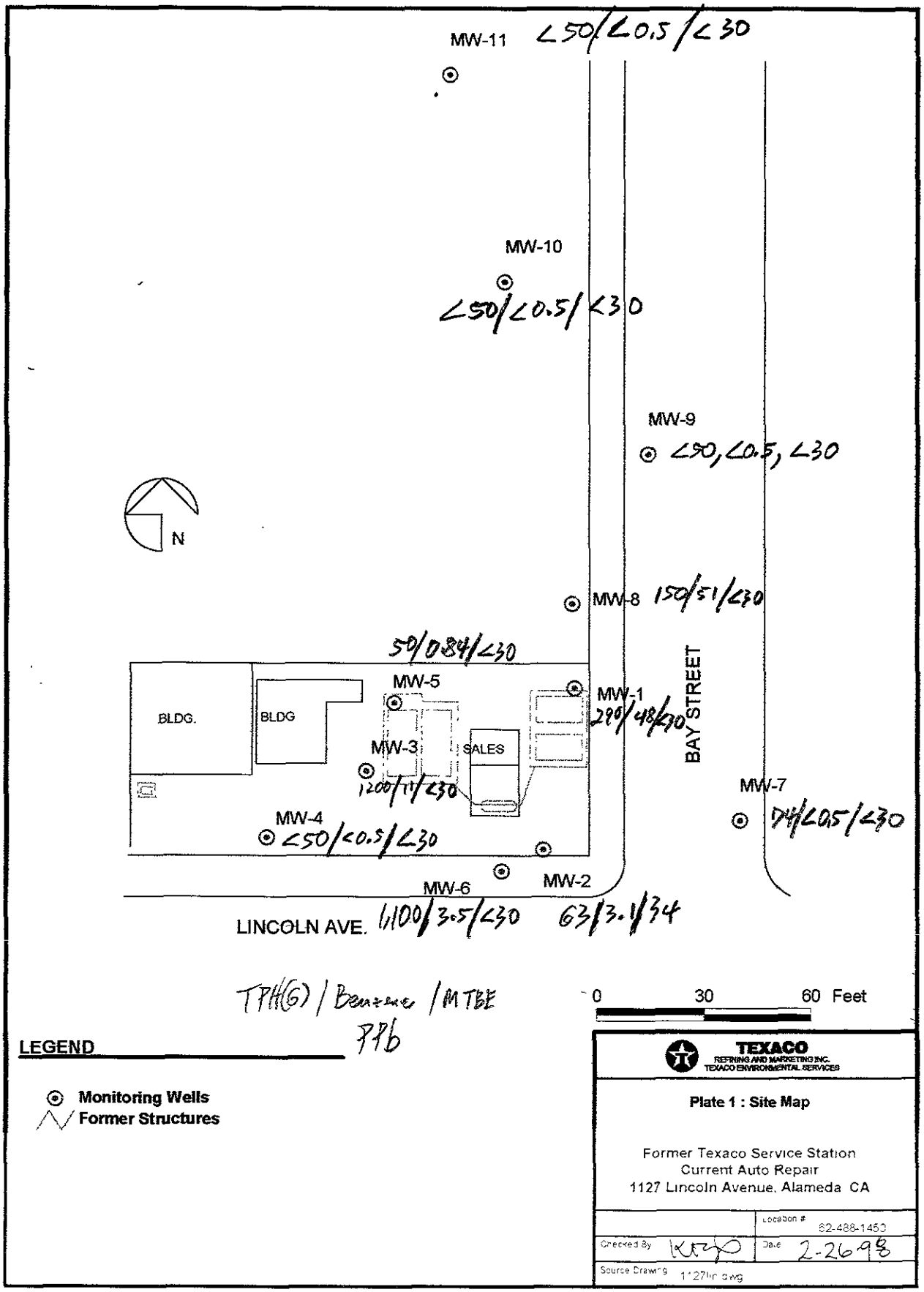
Enclosure

cc: Mr. Richard Hiett
CRWQCB - San Francisco Bay Region
2101 Webster St., Suite 500
Oakland, CA 94621

Mr. Leo Pagano
1127 Lincoln Avenue
Alameda, CA 94602

PR:

GROUNDWATER MONITORING AND SAMPLING
Third and Fourth Quarter, 1997
at the
Former Texaco Service Station
1127 Lincoln Avenue
Alameda, California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MW-10
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MW-9
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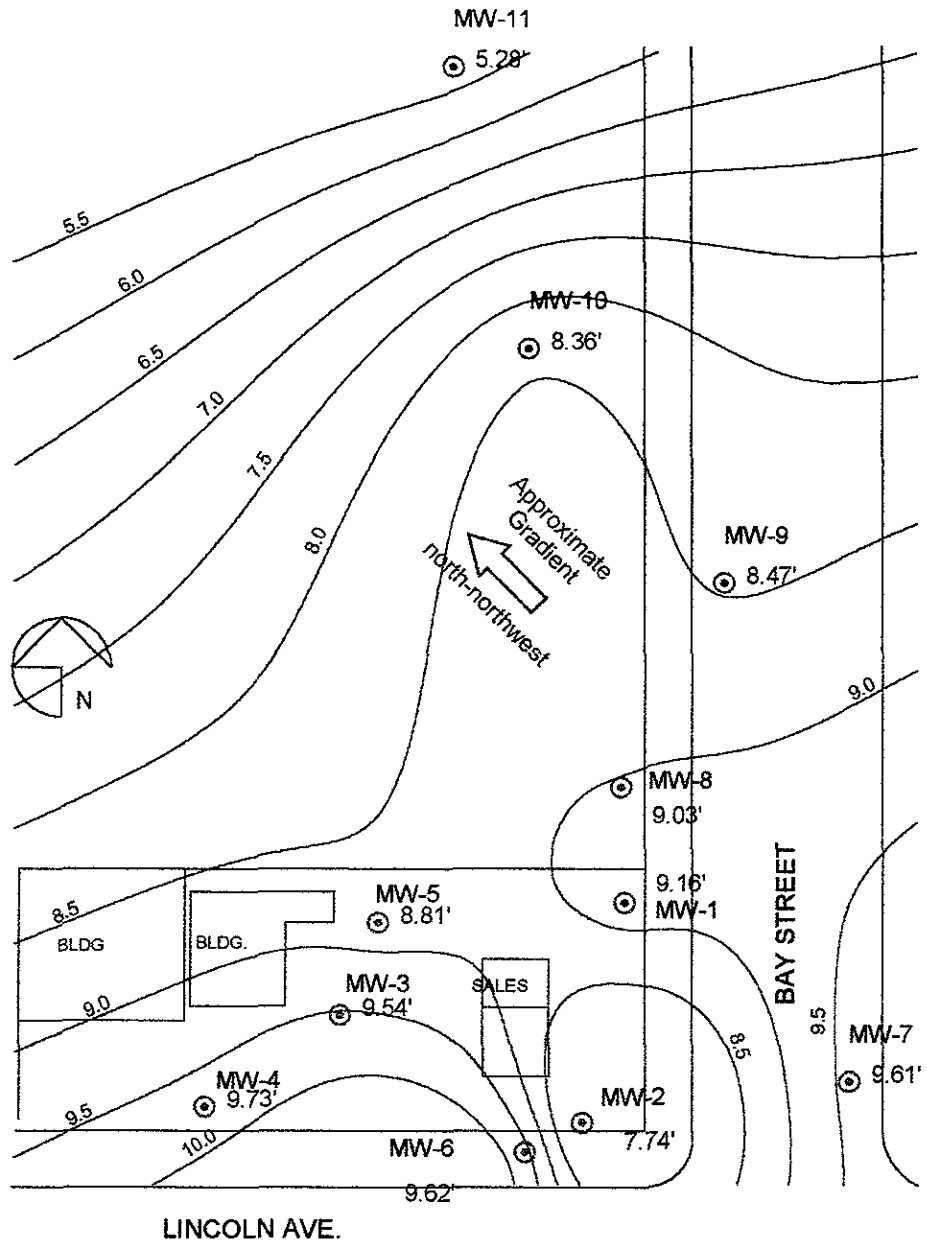
N
MW-8
150/51/<30
50/084/<30
MW-5
BLDG.
BLDG
MW-1
290/48/<30
BAY STREET
MW-3
SALES
1200/11/<30
MW-7
94/<0.5/<30
MW-4
<50/<0.5/<30
MW-6
MW-2
LINCOLN AVE.
1100/3.5/<30
63/3.1/34
TPH(G) / Benzene / MTBE
PPb
0
30
60 Feet
LEGEND
Monitoring Wells
Former Structures
TEXACO
REFINING AND MARKETING INC.
TEXACO ENVIRONMENTAL SERVICES
Plate 1 : Site Map
Former Texaco Service Station
Current Auto Repair
1127 Lincoln Avenue, Alameda CA
Location # 82-488-1450
Checked By KRP
Date 2-26-93
Source Drawing 1127lin.dwg



0 30 60 Feet

LEGEND

Groundwater Elevation
Monitoring Wells

Groundwater Elevations are in feet

TEXACO
REFINING AND MARKETING INC.
TEXACO ENVIRONMENTAL SERVICES

Plate 2 : Groundwater Data
(07/31/97)

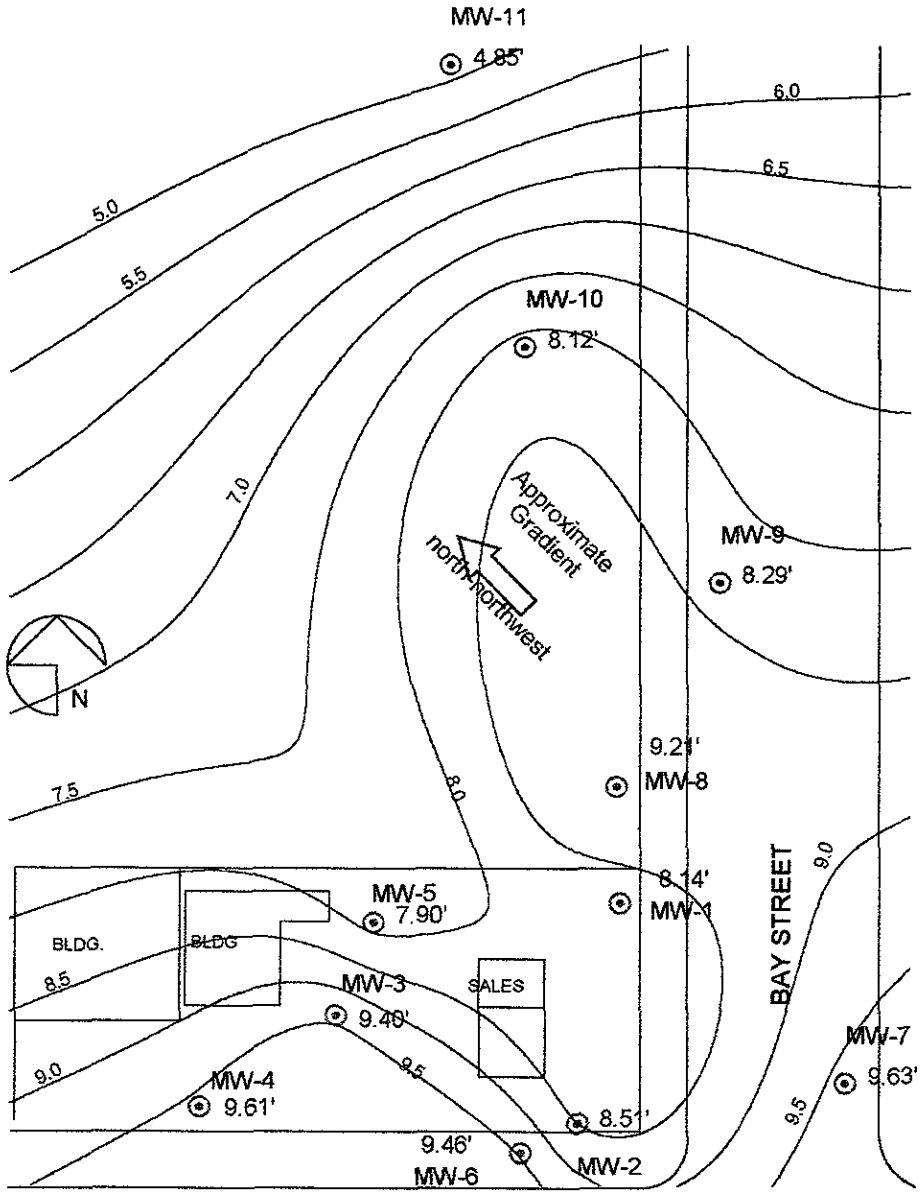
Former Texaco Service Station
Current Auto Repair
1127 Lincoln Avenue, Alameda, CA

Location # 62-488-1450

Checked By KEM

Date 2-26-98

Source Drawing 11271.1.dwg



0 30 60 Feet

LEGEND

Groundwater Elevation
Monitoring Wells

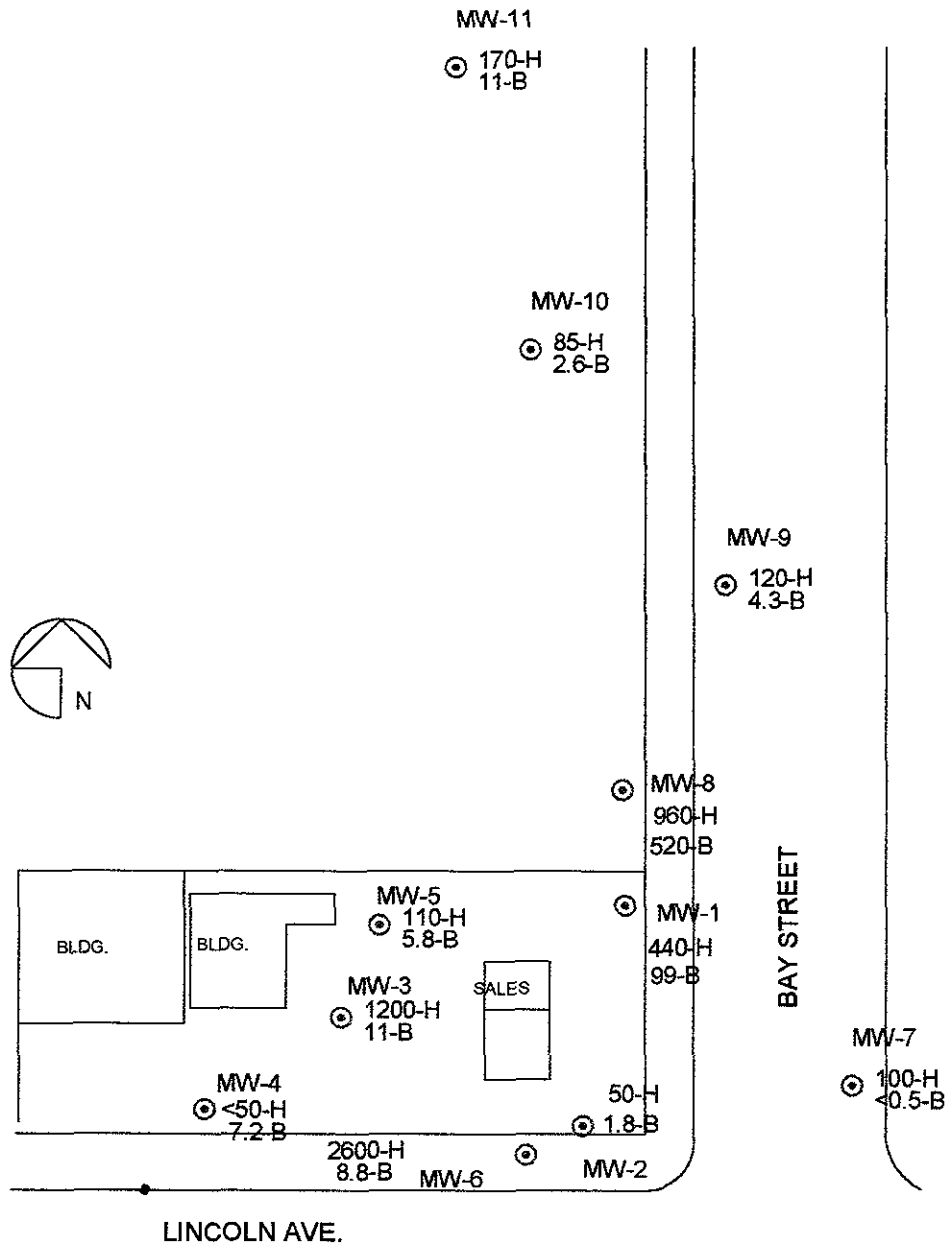
Groundwater Elevations are in feet

TEXACO
REFINING AND MARKETING INC.
TEXACO ENVIRONMENTAL SERVICES

Plate 3 : Groundwater Data
(10/30/97)

Former Texaco Service Station
Current Auto Repair
1127 Lincoln Avenue, Alameda, CA

	Location # 62-488-1450
Checked By KEVIN	Date 2-26-98
Source Drawing 1127lin.dwg	



0 30 60 Feet

LEGEND

Monitoring Wells

H = TPH as Gasoline ug/l
B = Benzene ug/l

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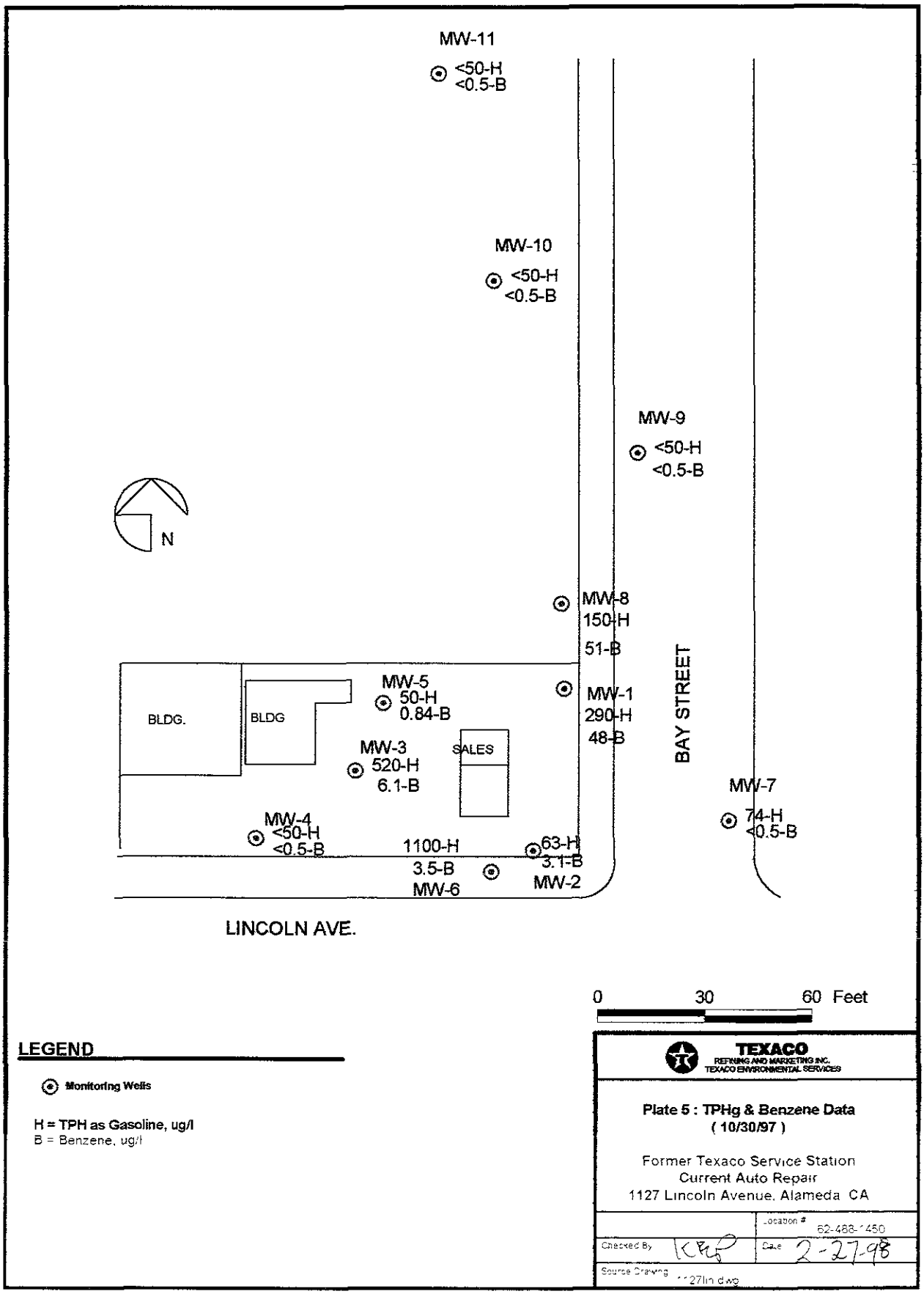
REFINING AND MARKETING INC.
TEXACO ENVIRONMENTAL SERVICES

Plate 4 : TPHg & Benzene Data
(07/31/97)

Former Texaco Service Station
Current Auto Repair
1127 Lincoln Avenue, Alameda, CA

	Location # 92-488-1450
Checked By KRC	Date 2-26-98
Source Drawing 1127-1.dwg	



LEGEND

◉ Monitoring Wells

H = TPH as Gasoline, ug/l
B = Benzene, ug/l

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REFINING AND MARKETING INC.
TEXACO ENVIRONMENTAL SERVICES

Plate 5 : TPHg & Benzene Data
(10/30/97)

Former Texaco Service Station
Current Auto Repair
1127 Lincoln Avenue, Alameda CA

	Location # 62-488-1450
Checked By KRP	Date 2-27-98
Source Drawing 1127lin.dwg	

Table 1
Groundwater Elevation Data and Analytical Results
1127 Lincoln Avenue, Alameda, CA

WELL	SDATE	TOC	DTW	GWE	TPHg	Benzene	Toluene	Ebenzene	Xylenes	MtBE
MW-1	02/04/93	16.14	6.02	10.12	120	22	3.1	3.3	10	NS
MW-1	05/06/93	16.14	6.76	9.38	710	320	3.1	4.2	20	NS
MW-1	09/28/93	16.14	NM	NM	NS	NS	NS	NS	NS	NS
MW-1	11/15/93	16.14	NM	NM	NS	NS	NS	NS	NS	NS
MW-1	02/07/94	16.14	NM	NM	NS	NS	NS	NS	NS	NS
MW-1	05/20/94	16.14	NM	NM	NS	NS	NS	NS	NS	NS
MW-1	08/22/94	16.14	7.78	8.36	NS	NS	NS	NS	NS	NS
MW-1	11/03/94	16.14	NM	NM	<50	<0.5	<0.5	<0.5	<0.5	NS
MW-1	02/14/95	16.14	15.16	0.98	350	40	1.6	15	31	NS
MW-1	05/19/95	16.14	13.90	2.24	220	35	2.4	7.2	23	NS
MW-1	08/22/95	16.14	7.06	9.08	330	44	1.2	14	21	<10
MW-1	10/25/95	16.14	NM	NM	<50	1.6	<0.5	<0.5	<0.5	NS
MW-1	02/09/96	16.14	NM	NM	160	3.2	1.5	0.89	2.7	NS
MW-1	04/11/96	16.14	NM	NM	1300	300	85	25	110	NS
MW-1	08/01/96	16.14	NM	NM	3700	1100	80	46	210	NS
MW-1	11/11/96	16.14	NM	NM	NS	NS	NS	NS	NS	NS
MW-1	02/04/97	16.14	5.40	10.74	NS	NS	NS	NS	NS	NS
MW-1	05/02/97	16.14	6.46	9.68	650	63	<3	4.3	2.2	<30
MW-1	07/31/97	16.14	6.98	9.16	440	99	1.6	2.6	5.8	<30
MW-1	10/30/97	16.14	8.00	8.14	290	48	0.5	0.93	1.9	<30
MW-2	02/04/93	16.84	6.60	10.24	430	45	0.5	20	30	NS
MW-2	05/06/93	16.84	6.37	10.47	2000	460	2.4	160	66	NS
MW-2	09/28/93	16.84	NM	NM	NS	NS	NS	NS	NS	NS
MW-2	11/15/93	16.84	NM	NM	NS	NS	NS	NS	NS	NS
MW-2	02/07/94	16.84	NM	NM	NS	NS	NS	NS	NS	NS
MW-2	05/20/94	16.84	NM	NM	NS	NS	NS	NS	NS	NS
MW-2	08/22/94	16.84	8.08	8.76	NS	NS	NS	NS	NS	NS
MW-2	11/02/94	16.84	NM	NM	NS	NS	NS	NS	NS	NS
MW-2	02/14/95	16.84	NM	NM	NS	NS	NS	NS	NS	NS
MW-2	05/19/95	16.84	11.77	5.07	580	75	19	5.1	30	NS
MW-2	08/22/95	16.84	7.22	9.62	1200	130	8.3	84	86	<10
MW-2	10/25/95	16.84	12.11	4.73	350	79	1.2	55	13	NS
MW-2	02/09/96	16.84	NM	NM	<50	1.5	0.53	1.1	1.5	NS
MW-2	04/11/96	16.84	11.20	5.64	80	1.5	<0.5	<0.5	<0.5	NS
MW-2	08/01/96	16.84	7.00	9.84	330	42	0.55	20	8.1	NS

TOC = Top of Casing Elevation, Feet.
DTW = Depth to Water, feet below TOC.
GWE = Groundwater Elevation, feet.
TPHg = Total Petroleum Hydrocarbons as Gasoline, ug/l.
MTBE = Methyl-tert-butylether, ug/l.

Benzene, Toluene, Ethylbenzene, and Xylenes are measured in ug/l.
ug/l = micrograms/liter
mg/l = milligrams/liter
< = Less than the specified detection limit.
ND = Not Detected
NM = Not Measured
NS = Not Sampled
SD = Sheen Detected

Table 1-p. 2
Groundwater Elevation Data and Analytical Results
1127 Lincoln Avenue, Alameda, CA

WELL	SDATE	TOC	DTW	GWE	TPHg	Benzene	Toluene	Ebenzene	Xylenes	MtBE
MW-2	11/11/96	16.84	NM	NM	NS	NS	NS	NS	NS	NS
MW-2	02/04/97	16.84	5.48	11.36	NS	NS	NS	NS	NS	NS
MW-2	05/02/97	16.84	6.93	9.91	<50	1.5	<0.5	<0.5	0.50	<30
MW-2	07/31/97	16.84	9.10	7.74	50	1.8	<0.5	<0.5	<0.5	74
MW-2	10/30/97	16.84	8.33	8.51	63	3.1	<0.5	0.55	1.1	34
MW-3	02/04/93	16.86	6.01	10.85	2900	180	13	210	350	NS
MW-3	05/06/93	16.86	6.38	10.48	2700	270	6.2	300	720	NS
MW-3	09/28/93	16.86	8.58	8.28	1800	92	1.7	99	240	NS
MW-3	11/15/93	16.86	8.84	8.02	1900	100	2.4	85	280	NS
MW-3	02/07/94	16.86	8.43	8.43	1400	69	3.3	100	320	NS
MW-3	05/20/94	16.86	6.79	10.07	1100	64	19	120	180	NS
MW-3	08/22/94	16.86	8.32	8.54	77	4.3	<0.5	2.0	5.6	NS
MW-3	11/02/94	16.86	10.98	5.88	<50	0.75	<0.5	<0.5	<0.5	NS
MW-3	02/14/95	16.86	7.93	8.93	1300	24	5.2	85	360	NS
MW-3	05/19/95	16.86	8.44	8.42	5300	98	28	650	1700	NS
MW-3	08/22/95	16.86	7.54	9.32	700	4.1	1.1	50	72	<10
MW-3	10/25/95	16.86	9.03	7.83	<50	2.4	<0.5	<0.5	1.6	NS
MW-3	02/09/96	16.86	7.05	9.81	<50	<0.5	<0.5	<0.5	<0.5	NS
MW-3	04/11/96	16.86	7.44	9.42	2000	11	3.9	190	500	NS
MW-3	08/01/96	16.86	7.08	9.78	1500	8.4	<0.5	160	150	NS
MW-3	11/11/96	16.86	7.84	9.02	<50	<0.5	<0.5	<0.5	<0.5	<30
MW-3	02/04/97	16.86	5.17	11.69	1500	12	1.3	210	330	<30
MW-3	05/02/97	16.86	6.63	10.23	3100	35	<3	520	540	<30
MW-3	07/31/97	16.86	7.32	9.54	1200	11	<0.5	140	100	<30
MW-3	10/30/97	16.86	7.46	9.40	520	6.1	<0.5	58	46	<30
MW-4	02/04/93	17.13	6.14	10.99	<50	<0.5	<0.5	<0.5	<0.5	NS
MW-4	05/06/93	17.13	6.49	10.64	<50	1.6	<0.5	1	2.1	NS
MW-4	09/28/93	17.13	NM	NM	NS	NS	NS	NS	NS	NS
MW-4	11/15/93	17.13	9.01	8.12	<50	<0.5	<0.5	<0.5	<0.5	NS
MW-4	02/07/94	17.13	8.02	9.11	<50	<0.5	<0.5	<0.5	2.6	NS
MW-4	05/20/94	17.13	6.85	10.28	82	6.2	7.6	3.3	17	NS
MW-4	08/22/94	17.13	8.48	8.65	<50	<0.5	<0.5	<0.5	<0.5	NS
MW-4	11/02/94	17.13	10.52	6.61	<50	<0.5	0.56	<0.5	<0.5	NS
MW-4	02/14/95	17.13	6.99	10.14	<50	<0.5	<0.5	<0.5	<0.5	NS
MW-4	05/19/95	17.13	7.61	9.52	66	0.77	0.63	0.87	3.6	NS

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MTBE = Methyl-tert-butylether, ug/l.

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Table 1-p. 3
Groundwater Elevation Data and Analytical Results
1127 Lincoln Avenue, Alameda, CA

WELL	SDATE	TOC	DTW	GWE	TPHg	Benzene	Toluene	Ebenzene	Xylenes	MtBE
MW-4	08/22/95	17.13	7.62	9.51	<50	<0.5	<0.5	<0.5	<0.5	<10
MW-4	10/25/95	17.13	8.62	8.51	<50	<0.5	<0.5	<0.5	<0.5	NS
MW-4	02/09/96	17.13	6.60	10.53	<50	<0.5	<0.5	<0.5	<0.5	NS
MW-4	04/11/96	17.13	6.54	10.59	NS	NS	NS	NS	NS	NS
MW-4	08/01/96	17.13	7.04	10.09	<50	<0.5	<0.5	<0.5	<0.5	NS
MW-4	11/11/96	17.13	7.95	9.18	<50	<0.5	<0.5	<0.5	<0.5	<30
MW-4	02/04/97	17.13	5.24	11.89	<50	<0.5	<0.5	<0.5	<0.5	<30
MW-4	05/02/97	17.13	6.61	10.52	<50	<0.5	<0.5	<0.5	<0.5	<30
MW-4	07/31/97	17.13	7.40	9.73	<50	7.2	<0.5	0.66	2.0	<30
MW-4	10/30/97	17.13	7.52	9.61	<50	<0.5	<0.5	<0.5	<0.5	<30
MW-5	02/04/93	15.59	NM	NM	NS	NS	NS	NS	NS	NS
MW-5	05/06/93	15.59	6.00	9.59	6200	460	980	300	1200	NS
MW-5	09/28/93	15.59	NM	NM	NS	NS	NS	NS	NS	NS
MW-5	11/15/93	15.59	NM	NM	NS	NS	NS	NS	NS	NS
MW-5	02/07/94	15.59	NM	NM	NS	NS	NS	NS	NS	NS
MW-5	05/20/94	15.59	NM	NM	NS	NS	NS	NS	NS	NS
MW-5	08/22/94	15.59	7.27	8.32	NS	NS	NS	NS	NS	NS
MW-5	11/03/94	15.59	NM	NM	5700	800	400	4.7	600	NS
MW-5	02/14/95	15.59	NM	NM	1300	290	76	21	140	NS
MW-5	05/19/95	15.59	11.55	4.04	600	83	20	5.7	33	NS
MW-5	08/22/95	15.59	6.02	9.57	8100	650	720	54	1700	<50
MW-5	10/25/95	15.59	11.05	4.54	1500	290	85	15	170	NS
MW-5	02/09/96	15.59	6.70	8.89	1000	120	49	26	130	NS
MW-5	04/11/96	15.59	12.21	3.38	210	5.7	<0.5	9.2	22	NS
MW-5	08/01/96	15.59	2.80	12.79	86	<0.5	<0.5	<0.5	5.3	NS
MW-5	11/11/96	15.59	NM	NM	NS	NS	NS	NS	NS	NS
MW-5	02/04/97	15.59	NM	NM	NS	NS	NS	NS	NS	NS
MW-5	05/02/97	15.59	7.01	8.58	<50	<0.5	<0.5	<0.5	<0.5	<30
MW-5	07/31/97	15.59	6.78	8.81	110	5.8	3.2	5.8	17	<30
MW-5	10/30/97	15.59	7.69	7.90	50	0.84	<0.5	0.51	5.2	<30
MW-6	02/04/93	17.05	6.48	10.57	2300	19	5.4	27	220	NS
MW-6	05/06/93	17.05	6.93	10.12	540	44	0.9	7	6.7	NS
MW-6	09/28/93	17.05	8.38	8.67	180	2.7	0.73	6.3	13	NS
MW-6	11/15/93	17.05	8.65	8.40	180	2.2	0.91	5.4	16	NS
MW-6	02/07/94	17.05	7.90	9.15	240	2.9	1.2	3.9	7.1	NS

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Benzene, Toluene, Ethylbenzene, and Xylenes are measured in ug/l.
ug/l = micrograms/liter
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Table 1-p. 4
Groundwater Elevation Data and Analytical Results
1127 Lincoln Avenue, Alameda, CA

WELL	SDATE	TOC	DTW	GWE	TPHg	Benzene	Toluene	Ebenzene	Xylenes	MtBE
MW-6	05/20/94	17.05	6.95	10.10	600	4.5	2.2	24	66	NS
MW-6	08/22/94	17.05	8.17	8.88	400	3.2	1	7.9	40	NS
MW-6	11/02/94	17.05	10.56	6.49	150	1.6	1.3	6.5	27	NS
MW-6	02/14/95	17.05	8.08	8.97	770	4.0	2.9	42	130	NS
MW-6	05/19/95	17.05	8.51	8.54	2400	6.9	11	99	350	NS
MW-6	08/22/95	17.05	7.50	9.55	190	1.0	1.7	5.2	18	<10
MW-6	10/25/95	17.05	8.61	8.44	910	5.5	3.3	50	160	NS
MW-6	02/09/96	17.05	7.26	9.79	4100	3.8	9.9	60	270	NS
MW-6	04/11/96	17.05	7.41	9.64	NS	NS	NS	NS	NS	NS
MW-6	08/01/96	17.05	7.10	9.95	2200	5.1	2.4	160	170	NS
MW-6	11/11/96	17.05	8.04	9.01	1000	3.7	1.5	38	1100	<30
MW-6	02/04/97	17.05	6.10	10.95	2500	21	3.1	180	320	<30
MW-6	05/02/97	17.05	7.07	9.98	1600	33	1.6	92	180	<30
MW-6	07/31/97	17.05	7.43	9.62	2600	8.8	5.8	140	280	<30
MW-6	10/30/97	17.05	7.59	9.46	1100	3.5	<0.5	64	97	<30
MW-7	02/04/93	16.65	6.40	10.25	<50	<0.5	<0.5	<0.5	<0.5	NS
MW-7	05/06/93	16.65	NM	NM	NS	NS	NS	NS	NS	NS
MW-7	09/28/93	16.65	7.97	8.68	<50	<0.5	<0.5	<0.5	<0.5	NS
MW-7	11/15/93	16.65	8.22	8.43	<50	<0.5	<0.5	<0.5	<0.5	NS
MW-7	02/07/94	16.65	NM	NM	NS	NS	NS	NS	NS	NS
MW-7	05/20/94	16.65	NM	NM	NS	NS	NS	NS	NS	NS
MW-7	08/22/94	16.65	7.78	8.87	130	<0.5	<0.5	<0.5	<0.5	NS
MW-7	11/02/94	16.65	9.70	6.95	73	<0.5	<0.5	<0.5	<0.5	NS
MW-7	02/14/95	16.65	NM	NM	NS	NS	NS	NS	NS	NS
MW-7	05/19/95	16.65	7.33	9.32	<50	<0.5	<0.5	<0.5	2.3	NS
MW-7	08/22/95	16.65	6.72	9.93	400	<0.5	<0.5	<0.5	0.76	<10
MW-7	10/25/95	16.65	NM	NM	NS	NS	NS	NS	NS	NS
MW-7	02/09/96	16.65	7.06	9.59	NS	NS	NS	NS	NS	NS
MW-7	04/11/96	16.65	NM	NM	NS	NS	NS	NS	NS	NS
MW-7	08/01/96	16.65	6.94	9.71	460	<0.5	<0.5	<0.5	<0.5	NS
MW-7	11/11/96	16.65	NM	NM	NS	NS	NS	NS	NS	NS
MW-7	02/04/97	16.65	NM	NM	NS	NS	NS	NS	NS	NS
MW-7	05/02/97	16.65	6.58	10.07	150	<0.5	<0.5	<0.5	<0.5	<30
MW-7	07/31/97	16.65	7.04	9.61	100	<0.5	<0.5	<0.5	<0.5	<30
MW-7	10/30/97	16.65	7.02	9.63	74	<0.5	<0.5	<0.5	<0.5	<30

TOC = Top of Casing Elevation, Feet.
DTW = Depth to Water, feet below TOC.
GWE = Groundwater Elevation, feet.
TPHg = Total Petroleum Hydrocarbons as Gasoline, ug/l.
MTBE = Methyl-tert-butylether, ug/l.

Benzene, Toluene, Ethylbenzene, and Xylenes are measured in ug/l.
ug/l = micrograms/liter
mg/l = miligrams/liter
< = Less than the specified detection limit.
ND = Not Detected
NM = Not Measured
NS = Not Sampled
SD = Sheen Detected

Table 1-p. 5
Groundwater Elevation Data and Analytical Results
1127 Lincoln Avenue, Alameda, CA

WELL	SDATE	TOC	DTW	GWE	TPHg	Benzene	Toluene	Ebenzene	Xylenes	MtBE
MW-8	02/04/93	15.87	5.62	10.25	540	150	3.7	5.2	10	NS
MW-8	05/06/93	15.87	5.99	9.88	22000	9,400	46	390	520	NS
MW-8	09/28/93	15.87	7.86	8.01	8000	1,700	22	30	75	NS
MW-8	11/15/93	15.87	8.17	7.70	2000	840	8.8	15	42	NS
MW-8	02/07/94	15.87	7.26	8.61	1700	460	0.6	13	5	NS
MW-8	05/20/94	15.87	6.17	9.70	110	98	1.4	1.3	3.4	NS
MW-8	08/22/94	15.87	7.63	8.24	51	16	<0.5	<0.5	<0.5	NS
MW-8	11/02/94	15.87	10.16	5.71	<50	<0.5	<0.5	<0.5	<0.5	NS
MW-8	02/14/95	15.87	7.32	8.55	<50	<0.5	<0.5	<0.5	<0.5	NS
MW-8	05/19/95	15.87	7.83	8.04	<50	<0.5	<0.5	<0.5	<0.5	NS
MW-8	08/22/95	15.87	6.98	8.89	<50	<0.5	<0.5	<0.5	<0.5	<10
MW-8	10/25/95	15.87	8.16	7.71	<50	<0.5	<0.5	<0.5	<0.5	NS
MW-8	02/09/96	15.87	4.89	10.98	<50	<0.5	<0.5	<0.5	<0.5	NS
MW-8	04/11/96	15.87	8.48	7.39	<50	<0.5	<0.5	<0.5	<0.5	NS
MW-8	08/01/96	15.87	6.60	9.27	<50	<0.5	<0.5	<0.5	<0.5	NS
MW-8	11/11/96	15.87	7.28	8.59	<50	1.3	<0.5	<0.5	0.67	<30
MW-8	02/04/97	15.87	5.39	10.48	<50	<0.5	<0.5	<0.5	<0.5	<30
MW-8	05/02/97	15.87	6.28	9.59	<50	1.6	<0.5	<0.5	<0.5	<30
MW-8	07/31/97	15.87	6.84	9.03	960	520	<0.5	2.3	6.4	<30
MW-8	10/30/97	15.87	6.66	9.21	150	51	<0.5	2.5	<0.5	<30
MW-9	08/22/95	14.44	6.00	8.44	<50	<0.5	<0.5	<0.5	<0.5	<10
MW-9	10/25/95	14.44	6.71	7.73	<50	<0.5	<0.5	<0.5	<0.5	NS
MW-9	02/09/96	14.44	4.87	9.57	<50	<0.5	<0.5	<0.5	<0.5	NS
MW-9	04/11/96	14.44	5.40	9.04	<50	<0.5	<0.5	<0.5	<0.5	NS
MW-9	08/01/96	14.44	5.69	8.75	<50	<0.5	<0.5	<0.5	<0.5	NS
MW-9	11/11/96	14.44	6.44	8.00	<50	<0.5	<0.5	<0.5	<0.5	<30
MW-9	02/04/97	14.44	4.30	10.14	<50	<0.5	<0.5	<0.5	<0.5	<30
MW-9	05/02/97	14.44	5.34	9.10	<50	<0.5	<0.5	<0.5	<0.5	<30
MW-9	07/31/97	14.44	5.97	8.47	120	4.3	3.0	3.2	9.8	<30
MW-9	10/30/97	14.44	6.15	8.29	<50	<0.5	<0.5	<0.5	<0.5	<30
MW-10	08/22/95	15.04	6.86	8.18	<50	<0.5	<0.5	<0.5	<0.5	<10
MW-10	10/25/95	15.04	7.91	7.13	<50	<0.5	<0.5	<0.5	<0.5	NS
MW-10	02/09/96	15.04	4.45	10.59	<50	<0.5	<0.5	<0.5	<0.5	NS
MW-10	04/11/96	15.04	4.61	10.43	<50	0.67	1.8	1.3	7.7	NS
MW-10	08/01/96	15.04	6.25	8.79	<50	<0.5	<0.5	<0.5	<0.5	NS

TOC = Top of Casing Elevation, Feet.
DTW = Depth to Water, feet below TOC.
GWE = Groundwater Elevation, feet.
TPHg = Total Petroleum Hydrocarbons as Gasoline, ug/l.
MTBE = Methyl-tert-butylether, ug/l.

Benzene, Toluene, Ethylbenzene, and Xylenes are measured in ug/l.
ug/l = micrograms/liter
mg/l = miligrams/liter
< = Less than the specified detection limit.
ND = Not Detected
NM = Not Measured
NS = Not Sampled
SD = Sheen Detected

Table 1-p. 6
Groundwater Elevation Data and Analytical Results
1127 Lincoln Avenue, Alameda, CA

WELL	SDATE	TOC	DTW	GWE	TPHg	Benzene	Toluene	Ebenzene	Xylenes	MtBE
MW-10	11/11/96	15.04	7.42	7.62	<50	<0.5	<0.5	<0.5	<0.5	<30
MW-10	02/04/97	15.04	4.00	11.04	<50	<0.5	<0.5	<0.5	<0.5	<30
MW-10	05/02/97	15.04	5.52	9.52	<50	<0.5	<0.5	<0.5	<0.5	<30
MW-10	07/31/97	15.04	6.68	8.36	85	2.6	1.4	2.3	6.8	<30
MW-10	10/30/97	15.04	6.92	8.12	<50	<0.5	<0.5	<0.5	<0.5	<30
MW-11	08/22/95	10.61	5.12	5.49	<50	<0.5	<0.5	<0.5	<0.5	<10
MW-11	10/25/95	10.61	NM	NM	NS	NS	NS	NS	NS	NS
MW-11	02/09/96	10.61	2.73	7.88	<50	<0.5	<0.5	<0.5	<0.5	NS
MW-11	04/11/96	10.61	3.00	7.61	<50	<0.5	<0.5	<0.5	<0.5	NS
MW-11	08/01/96	10.61	4.66	5.95	76	6.8	5.3	2.7	9.1	NS
MW-11	11/11/96	10.61	5.85	4.76	<50	<0.5	<0.5	<0.5	<0.5	<30
MW-11	02/04/97	10.61	2.20	8.41	<50	<0.5	<0.5	<0.5	<0.5	<30
MW-11	05/02/97	10.61	3.95	6.66	<50	<0.5	<0.5	<0.5	<0.5	<30
MW-11	07/31/97	10.61	5.33	5.28	170	11	4.5	6.4	19	<30
MW-11	10/30/97	10.61	5.76	4.85	<50	<0.5	<0.5	<0.5	<0.5	<30

TOC = Top of Casing Elevation, Feet.
DTW = Depth to Water, feet below TOC.
GWE = Groundwater Elevation, feet.
TPHg = Total Petroleum Hydrocarbons as Gasoline, ug/l.
MTBE = Methyl-tert-butylether, ug/l.

Benzene, Toluene, Ethylbenzene, and Xylenes are measured in ug/l.
ug/l = micrograms/liter
mg/l = miligrams/liter
< = Less than the specified detection limit.
ND = Not Detected
NM = Not Measured
NS = Not Sampled
SD = Sheen Detected

APPENDIX

VOC Analytical
801 Western Avenue
Glendale, CA 91201
818/247 5737
Fax: 818/247 9797

ANALYTICAL REPORT

LOG NO: G97-08-035

Received: 01 AUG 97

Mailed: AUG 15 1997

Purchase Order: 94-1446346+4370

Requisition: 624881450
Project: FKEP9001L

Ms. Rebecca Digerness
Texaco Environmental Services
108 Cutting Boulevard
Richmond, CA 94804

REPORT OF ANALYTICAL RESULTS

AQUEOUS

CLIENT DESIGNATION	DATE SAMPLED	TPH/BTEX (CADHS/8020)								
		Date Analyzed Date	Dilution Factor Times	TPH-g ug/L	Benzene ug/L	Toluene ug/L	Ethyl-Benzene ug/L	Methyl-tert-butylether ug/L	Total Xylenes Isomers ug/L	Carbon Range
MDL			1	50	0.5	0.5	0.5	30	0.5	
[illegible]MW 1	07/31/97	08/06/97	1	440	99	1.6	2.6	<30	5.8	C6-C12
[illegible]MW 2	07/31/97	08/06/97	1	50	1.8	<0.5	<0.5	74	<0.5	C6-C12
[illegible]MW 3	07/31/97	08/06/97	1	1200	11	<0.5	140	<30	100	C6-C12
[illegible]MW 4	07/31/97	08/07/97	1	<50	0.72	<0.5	0.66	<30	2.0	C6-C12
[illegible]MW 5	07/31/97	08/06/97	1	110	5.8	3.2	5.8	<30	17	C6-C12
[illegible]MW 6	07/31/97	08/06/97	1	2600	8.8	5.8	140	<30	280	C6-C12
[illegible]MW 7	07/31/97	08/08/97	1	100	<0.5	<0.5	<0.5	<30	<0.5	C6-C12
[illegible]MW 8	07/31/97	08/11/97	1	960	520	<0.5	2.3	<30	6.4	C6-C12
[illegible]MW 9	07/31/97	08/08/97	1	120	4.3	3.0	3.2	<30	9.8	C6-C12
[illegible]MW 10	07/31/97	08/08/97	1	85	2.6	1.4	2.3	<30	6.8	C6-C12
[illegible]MW 11	07/31/97	08/08/97	1	170	11	4.5	6.4	<30	19	C6-C12

Ms. Karen Petrina
111 Lincoln Ave.,
Menedo, Ca

VOC Analytical

801 Western Avenue
Glendale, CA 91201
818/247-5337
Fax: 818/247-9797

ANALYTICAL REPORT

LOG NO: G97-08-035

Received: 01 AUG 97

Ms. Rebecca Digernes
Texaco Environmental Services
108 Cutting Boulevard
Richmond, CA 94804

Purchase Order: 94-1446346+4370

Requisition: 624881450
Project: FKEP9001L

REPORT OF ANALYTICAL RESULTS

AQUEOUS

SAMPLE DESCRIPTION	DATE SAMPLED	TPH/BTEX (CADHS/8020) Date Analyzed Date	Dilution Factor Times	TPH-g ug/L	Benzene ug/L	Toluene ug/L	Ethyl-Benzene ug/L	Methyl-tert-butylether ug/L	Total Xylenes Isomers ug/L	Carbon Range .
MDL			1	50	0.5	0.5	0.5	30	0.5	
[illegible]EB	07/31/97	08/08/97	1	<50	<0.5	<0.5	<0.5	<30	<0.5	C6-C12

Greta Galoustian, Laboratory Director

The analytical results within this report relate only to the specific compounds and samples investigated and may not necessarily reflect other apparently similar material from the same or a similar location.

ELAP
3CZA

ORDER PLACED FOR CLIENT: Texaco Environmental Services 9708035 :
VOC ANALYTICAL : GLEN LAB : 12:22:17 15 AUG 1997 - P. 1 :

SAMPLES...	SAMPLE DESCRIPTION..	DETERM.....	DATE..... ANALYZED	METHOD.....	EQUIP.	BATCH..	ID.NO
)708035*1	MW-1	GAS.MTBE.TESNC	08.06.97	8015M.TX	536-21	976099	7424
)708035*2	MW-2	GAS.MTBE.TESNC	08.06.97	8015M.TX	536-21	976099	7424
)708035*3	MW-3	GAS.MTBE.TESNC	08.06.97	8015M.TX	536-21	976099	7424
)708035*4	MW-4	GAS.MTBE.TESNC	08.07.97	8015M.TX	536-21	976100	7424
)708035*5	MW-5	GAS.MTBE.TESNC	08.06.97	8015M.TX	536-21	976099	7424
)708035*6	MW-6	GAS.MTBE.TESNC	08.06.97	8015M.TX	536-21	976099	7424
)708035*7	MW-7	GAS.MTBE.TESNC	08.08.97	8015M.TX	536-35	977110	1012
)708035*8	MW-8	GAS.MTBE.TESNC	08.11.97	8015M.TX	536-21	9711071	8866
)708035*9	MW-9	GAS.MTBE.TESNC	08.08.97	8015M.TX	536-44	9711070	6843
)708035*10	MW-10	GAS.MTBE.TESNC	08.08.97	8015M.TX	536-44	9711070	6843
)708035*11	MW-11	GAS.MTBE.TESNC	08.08.97	8015M.TX	536-44	9711070	6843
)708035*12	EB	GAS.MTBE.TESNC	08.08.97	8015M.TX	536-44	9711070	6843

:**

Notes: Equipment = VOC Analytical identification number for a particular piece of analytical equipment.

ID.NO = VOC Analytical employee identification number of analyst.

QUALCOS SAMPLES	METHOD BLANK				LAB CONTROL									MATRIX QC								
					LCS		LCSD					RPD	RPD	MS		MSD				RPD	RPD	
	UNITS	RESULT	RDL	FLG	%REC	FLG	%REC	FLG	LCL	UCL	RPD	UCL	FLG	%REC	FLG	%REC	FLG	LCL	UCL	RPD	UCL	FLG
Batch: [illegible] Method: 8015M.IX - Modified 8015																						
Benzene	ug/L	0	0.5	-	94	-	-	-	76	155	-	-	-	82	-	82	-	70	153	1	25	-
Toluene	ug/L	0	0.5	-	93	-	-	-	72	121	-	-	-	72	-	73	-	69	119	1	25	-
Ethylbenzene	ug/L	0	0.5	-	92	-	-	-	72	115	-	-	-	82	-	83	-	68	116	1	25	-
Methyl-tert-butylether	ug/L	0	30	-	105	-	-	-	62	159	-	-	-	112	-	117	-	80	176	4	25	-
Total Xylene Isomers	ug/L	0	0.5	-	94	-	-	-	68	115	-	-	-	70	-	70	-	61	118	1	25	-
TPH (Gasoline Range)	ug/L	0	50	-	106	-	-	-	85	120	-	-	-	103	-	96	-	78	124	6	25	-
[1,4-Difluorobenzene]	Percent	98	-	-	103	-	-	-	85	118	-	-	-	96	-	93	-	85	118	-	-	-
Batch: [illegible] 6100 Method: 8015M.IX - Modified 8015																						
Benzene	ug/L	0	0.5	-	96	-	-	-	76	155	-	-	-	86	-	85	-	70	153	1	25	-
Toluene	ug/L	0	0.5	-	97	-	-	-	72	121	-	-	-	73	-	73	-	69	119	0	25	-
Ethylbenzene	ug/L	0	0.5	-	96	-	-	-	72	115	-	-	-	82	-	80	-	68	116	2	25	-
Methyl-tert-butylether	ug/L	0	30	-	97	-	-	-	62	159	-	-	-	116	-	118	-	80	176	2	25	-
Total Xylene Isomers	ug/L	0	0.5	-	97	-	-	-	68	115	-	-	-	69	-	69	-	61	118	1	25	-
TPH (Gasoline Range)	ug/L	0	50	-	104	-	-	-	85	120	-	-	-	104	-	105	-	78	124	1	25	-
[1,4-Difluorobenzene]	Percent	105	-	-	104	-	-	-	85	118	-	-	-	106	-	91	-	85	118	-	-	-
Batch: [illegible] 110 Method: 8015M.IX - Modified 8015																						
[illegible]	ug/L	0	0.5	-	102	-	109	-	76	155	7	-	-	-	NC	-	NC	70	153	-	25	NC
[illegible]	ug/L	0.037	0.5	-	100	-	108	-	72	121	7	-	-	86	-	85	-	69	119	1	25	-
[illegible]	ug/L	0	0.5	-	104	-	106	-	72	115	1	-	-	93	-	90	-	68	116	2	25	-
[illegible]	ug/L	0	30	-	96	-	100	-	62	159	4	-	-	-	NC	-	NC	-	-	-	-	NC
[illegible]	ug/L	0	0.5	-	105	-	105	-	68	115	1	-	-	79	-	76	-	61	118	4	25	-
[illegible]	ug/L	0	50	-	91	-	87	-	85	120	4	-	-	90	-	92	-	78	124	2	25	-
[illegible]	Percent	113	-	-	100	-	107	-	85	118	-	-	-	108	-	107	-	85	118	-	-	-
Batch: [illegible] 1107O Method: 8015M.IX - Modified 8015																						
Benzene	ug/L	0	0.5	-	85	-	-	-	76	155	-	-	-	101	-	103	-	70	153	2	25	-
Toluene	ug/L	0	0.5	-	86	-	-	-	72	121	-	-	-	92	-	94	-	69	119	2	25	-
Ethylbenzene	ug/L	0	0.5	-	86	-	-	-	72	115	-	-	-	95	-	96	-	68	116	2	25	-
Methyl-tert-butylether	ug/L	0	30	-	88	-	-	-	62	159	-	-	-	104	-	107	-	80	176	3	25	-
[illegible]	ug/L	0	0.5	-	87	-	-	-	68	115	-	-	-	80	-	82	-	61	118	3	25	-
[illegible]	ug/L	0	50	-	105	-	-	-	85	120	-	-	-	101	-	100	-	78	124	1	25	-
[illegible]	Percent	95	-	-	91	-	-	-	85	118	-	-	-	121	Q	122	Q	85	118	-	-	-

[illegible]	------ METHOD BLANK ------				---------- LAB CONTROL ----------								---------- MATRIX QC ----------								
					LCS		LCSD					RPD	RPD	MS		MSD					RPD	RPD
	UNITS	RESULT	RDL	FLG	%REC	FLG	%REC	FLG	LCL	UCL	RPD	UCL	FLG	%REC	FLG	%REC	FLG	LCL	UCL	RPD	UCL	FLG
[illegible] Method: 8015M TX - Modified 8015																						
[illegible]ene	ug/L	0	0.5	-	92	-	105	-	76	155	13	-	-	-	NC	-	NC	70	153	-	25	NC
[illegible]ene	ug/L	0	0.5	-	92	-	105	-	72	121	13	-	-	95	-	99	-	69	119	2	25	-
[illegible]benzene	ug/L	0	0.5	-	91	-	104	-	72	115	13	-	-	94	-	96	-	68	116	1	25	-
MTBE (Methyl tert-butyl ether)	ug/L	0	30	-	93	-	93	-	62	159	1	-	-	119	-	118	-	80	176	1	25	-
m,p-Xylene Isomers	ug/L	0	0.5	-	95	-	107	-	68	115	11	-	-	76	-	82	-	61	118	3	25	-
o-Xylene	ug/L	0	0.5	-	95	-	107	-	68	115	11	-	-	76	-	82	-	61	118	3	25	-
Total Xylenes	ug/L	0	0.5	-	95	-	107	-	68	115	11	-	-	76	-	82	-	61	118	3	25	-
C6-C12 (Gasoline Range)	ug/L	0	50	-	108	-	106	-	85	120	2	-	-	63	Q	92	-	78	124	14	25	-
[1,4-Difluorotoluene]	Percent	100	-	-	97	-	105	-	85	118	-	-	-	132	Q	127	Q	85	118	-	-	-

: SURROGATE RECOVERIES :
: BC ANALYTICAL : GLEN LAB : 12:23:03 15 AUG 1997 - P. 1 :

METHOD	ANALYTE	BATCH	ANALYZED	REPORTED	TRUE	%REC	FLAG
9708035*1							
8015M.TX	a,a,a-Trifluorotoluene	Re976099	08/06/97	53.5	50.0	107	
9708035*2							
8015M.TX	a,a,a-Trifluorotoluene	Re976099	08/06/97	53.2	50.0	106	
9708035*3							
8015M.TX	a,a,a-Trifluorotoluene	Re976099	08/06/97	42.3	50.0	85	
9708035*4							
8015M.TX	a,a,a-Trifluorotoluene	Re976100	08/07/97	48.2	50.0	96	
9708035*5							
8015M.TX	a,a,a-Trifluorotoluene	Re976099	08/06/97	48.8	50.0	98	
9708035*6							
8015M.TX	a,a,a-Trifluorotoluene	Re976099	08/06/97	47.5	50.0	95	
9708035*7							
8015M.TX	a,a,a-Trifluorotoluene	Re977110	08/08/97	54.1	50.0	108	
9708035*8							
8015M.TX	a,a,a-Trifluorotoluene	Re9711071	08/11/97	50.5	50.0	101	
9708035*9							
8015M.TX	a,a,a-Trifluorotoluene	Re9711070	08/08/97	47.4	50.0	95	
9708035*10							
8015M.TX	a,a,a-Trifluorotoluene	Re9711070	08/08/97	47.6	50.0	95	
9708035*11							
8015M.TX	a,a,a-Trifluorotoluene	Re9711070	08/08/97	47.4	50.0	95	
9708035*12							
8015M.TX	a,a,a-Trifluorotoluene	Re9711070	08/08/97	48.7	50.0	97	

Chain-of-Custody

Page 1 of 1

Texaco Environmental Services
108 Cutting Boulevard
Richmond, California 94804
Phone: (510) 236-3541
FAX. (510) 237-7821

G 97-08-035

Forward Results to the **Attention of Rebecca Digerness**

Texaco Project Corordinator: Karen Petryna

Site Name: Texaco Loc.# 624881450
Site Address: 1127 Lincoln Ave. Alameda, CA
Contractor Project Number: 970731-G2
Contractor Name: Blaine Tech Services, Inc.
Address: 1680 Rogers Ave., San Jose, CA 95112
Project Contact: Kent Brown
Phone/FAX: (408) 573-0555 / (408) 573-7771

Laboratory: B C Analytical
Turn Around Time: normal (10 day)
Samplers (PRINT NAME): Morgan Gillies
Sampler Signature:
Date Samples Collected: 7/31/97

KCP
624881450
FKE: PC1001L

Sample Number	Lab Sample Number	Date/Time Collected	No. of Containers	Type of Containers	Sample Matrix	Preservative	ANALYSIS: TPH gas/BTEX	TPH Diesel	O&G/TRPH (418.1)	TPH Ex. (C8-C36+)	VOCs 8240/624	P. Halocarbons 8010/60	P. Aromatics 8020/602	Organic Lead			Comments
MW-1		7/31/1734	3	VOAs		HCL	X										
MW-2		1548	3				X										
MW-3		1716	3				X										
MW-4		1432	3				X										
MW-5		1510	3				X										
MW-6		1450	3				X										
MW-7		1624	3				X										
MW-8		1407	3				X										
MW-9		1342	3				X										
MW-10		1322	3				X										
MW-11		1247	3				X										
EB		1253	3				X										

Relinquished by: (Signature) — Date: 8/1/97 — Time: 1100
Relinquished by: (Signature) E Clyon — Date: 8/1/97 — Time: 17:45
Relinquished by (Signature) — Date: — Time:
Method of Shipment: #19287

Received by: (Signature) John Van Ryper — Date: 8/1/97 — Time: 1100
Received by: (Signature) — Date: — Time:
Received by: (Signature) — Date: — Time:
Lab Comments:

P:\GWM\FORMS\TEX COC.XLS

VOC Analytical

801 Western Avenue
Glendale, CA 91201
818/247-5737
Fax: 818/247-9797

ANALYTICAL REPORT

LOG NO: G97-11-023

Received: 03 NOV 97

Mailed: NOV 12 1997

Purchase Order: 94-1446346+4370

Requisition: 624881450
Project: FKEP9001L

Ms. Rebecca Digerness
Texaco Refining and Marketing
108 Cutting Boulevard
Richmond, CA 94804

REPORT OF ANALYTICAL RESULTS

AQUEOUS

SAMPLE DESCRIPTION	DATE SAMPLED	TPH/BTEX (CADHS/8020) Date Analyzed	Dilution Factor Times	TPH-g ug/L	Benzene ug/L	Toluene ug/L	Ethyl-Benzene ug/L	Methyl-tert-butylether ug/L	Total Xylenes Isomers ug/L	Carbon Range
RDL			1	50	0.5	0.5	0.5	30	0.5	
1*MW-1	10/30/97	11/08/97	1	290	48	0.52	0.93	<30	1.9	C6-C12
2*MW-2	10/30/97	11/08/97	1	63	3.1	<0.5	0.55	34	1.1	C6-C12
3*MW-3	10/30/97	11/08/97	1	520	6.1	<0.5	58	<30	46	C6-C12
4*MW-4	10/30/97	11/08/97	1	<50	<0.5	<0.5	<0.5	<30	<0.5	C6-C12
5*MW-5	10/30/97	11/08/97	1	50	0.84	<0.5	0.51	<30	5.2	C6-C12
6*MW-6	10/30/97	11/08/97	1	1100	3.5	<0.5	64	<30	97	C6-C12
7*MW-7	10/30/97	11/08/97	1	74	<0.5	<0.5	<0.5	<30	<0.5	C6-C12
8*MW-8	10/30/97	11/08/97	1	150	51	<0.5	2.5	<30	<0.5	C6-C12
9*MW-9	10/30/97	11/08/97	1	<50	<0.5	<0.5	<0.5	<30	<0.5	C6-C12
10*MW-10	10/30/97	11/08/97	1	<50	<0.5	<0.5	<0.5	<30	<0.5	C6-C12
11*MW-11	10/30/97	11/08/97	1	<50	<0.5	<0.5	<0.5	<30	<0.5	C6-C12

Karen Petryna
1127 Lincoln Ave., Alameda
Alameda County

BCA

VOC Analytical

801 Western Avenue
Glendale, CA 91201
818/247-5737
Fax: 818/247-9797

ANALYTICAL REPORT

LOG NO: G97-11-023

Received: 03 NOV 97

Ms. Rebecca Digerness
Texaco Refining and Marketing
108 Cutting Boulevard
Richmond, CA 94804

Purchase Order: 94-1446346+4370

Requisition: 624881450
Project: FKEP9001L

REPORT OF ANALYTICAL RESULTS

AQUEOUS

SAMPLE DESCRIPTION	DATE SAMPLED	TPH/BTEX (CADHS/8020) Date Analyzed	Dilution Factor Times	TPH-g ug/L	Benzene ug/L	Toluene ug/L	Ethyl-Benzene ug/L	Methyl-tert-butylether ug/L	Total Xylenes Isomers ug/L	Carbon Range
RDL			1	50	0.5	0.5	0.5	30	0.5	
12*EB	10/30/97	11/08/97	1	<50	<0.5	<0.5	<0.5	<30	<0.5	C6-C12

Greta Galoustian, Laboratory Director

The analytical results within this report relate only to the specific compounds and samples investigated and may not necessarily reflect other apparently similar material from the same or a similar location.

: ORDER PLACED FOR CLIENT: Texaco Refining and Marketing 9711023 :
: VOC ANALYTICAL : GLEN LAB : 10:05:31 12 NOV 1997 - P. 1 :

SAMPLES...	SAMPLE DESCRIPTION..	DETERM.....	DATE..... ANALYZED	METHOD.....	EQUIP.	BATCH..	ID.NO
9711023*1	MW-1	GAS.MTBE.TESNC	11.08.97	8015M.TX	536-23	975156	7424
9711023*2	MW-2	GAS.MTBE.TESNC	11.08.97	8015M.TX	536-23	975156	7424
9711023*3	MW-3	GAS.MTBE.TESNC	11.08.97	8015M.TX	536-23	975156	7424
9711023*4	MW-4	GAS.MTBE.TESNC	11.08.97	8015M.TX	536-23	975156	7424
9711023*5	MW-5	GAS.MTBE.TESNC	11.08.97	8015M	536-21	976153	7424
9711023*6	MW-6	GAS.MTBE.TESNC	11.08.97	8015M	536-21	976153	7424
9711023*7	MW-7	GAS.MTBE.TESNC	11.08.97	8015M	536-21	976153	7424
9711023*8	MW-8	GAS.MTBE.TESNC	11.08.97	8015M	536-21	976153	7424
9711023*9	MW-9	GAS.MTBE.TESNC	11.08.97	8015M	536-21	976153	7424
9711023*10	MW-10	GAS.MTBE.TESNC	11.08.97	8015M	536-21	976153	7424
9711023*11	MW-11	GAS.MTBE.TESNC	11.08.97	8015M.TX	536-21	976153	7424
9711023*12	EB	GAS.MTBE.TESNC	11.08.97	8015M	536-21	976153	7424

***

Notes: Equipment = VOC Analytical identification number for a particular piece of analytical equipment.

ID.NO = VOC Analytical employee identification number of analyst.

AQUEOUS SAMPLES

		------ METHOD BLANK ------			---------- LAB CONTROL ----------									---------- MATRIX QC ----------								
	UNITS	RESULT	RDL	FLG	LCS %REC	FLG	LCSD %REC	FLG	LCL	UCL	RPD	RPD UCL	RPD FLG	MS %REC	FLG	MSD %REC	FLG	LCL	UCL	RPD	RPD UCL	RPD FLG
Batch: GAS*976153 Method: 8015M - Modified 8015																						
Benzene	ug/L	0	0.3	-	90	-	-	-	76	155	-	-	-	80	-	80	-	70	153	0	25	-
Toluene	ug/L	0	0.3	-	91	-	-	-	76	122	-	-	-	69	Q	69	Q	70	124	0	25	-
Ethylbenzene	ug/L	0	0.3	-	89	-	-	-	76	119	-	-	-	79	-	79	-	71	119	0	25	-
Methyl-tert-butylether	ug/L	0	30	-	94	-	-	-	58	147	-	-	-	113	-	117	-	53	177	4	30	-
Total Xylene Isomers	ug/L	0.11	0.6	-	91	-	-	-	74	118	-	-	-	68	Q	68	Q	72	117	0	25	-
TPH (Gasoline Range)	ug/L	0	100	-	95	-	-	-	80	124	-	-	-	100	-	98	-	71	130	2	25	-
[a,a,a-Trifluorotoluene]	Percent	108	-	-	104	-	-	-	76	126	-	-	-	94	-	100	-	76	126	-	-	-
Batch: GAS*975156 Method: 8015M.TX - Modified 8015																						
Benzene	ug/L	0	0.5	-	97	-	-	-	76	155	-	-	-	77	-	70	-	70	153	9	25	-
Toluene	ug/L	0	0.5	-	97	-	-	-	72	121	-	-	-	72	-	71	-	69	119	1	25	-
Ethylbenzene	ug/L	0	0.5	-	96	-	-	-	72	115	-	-	-	79	-	75	-	68	116	6	25	-
Methyl-tert-butylether	ug/L	0	30	-	82	-	-	-	62	159	-	-	-	117	-	118	-	80	176	1	25	-
Total Xylene Isomers	ug/L	0	0.5	-	101	-	-	-	68	115	-	-	-	73	-	68	-	61	118	6	25	-
TPH (Gasoline Range)	ug/L	0	50	-	94	-	-	-	85	120	-	-	-	95	-	97	-	78	124	2	25	-
[a,a,a-Trifluorotoluene]	Percent	110	-	-	103	-	-	-	85	118	-	-	-	105	-	100	-	85	118	-	-	-
Batch: GAS*976153 Method: 8015M.TX - Modified 8015																						
Benzene	ug/L	0	0.5	-	90	-	-	-	76	155	-	-	-	80	-	80	-	70	153	0	25	-
Toluene	ug/L	0	0.5	-	91	-	-	-	72	121	-	-	-	69	-	69	-	69	119	0	25	-
Ethylbenzene	ug/L	0	0.5	-	89	-	-	-	72	115	-	-	-	79	-	79	-	68	116	0	25	-
Methyl-tert-butylether	ug/L	0	30	-	94	-	-	-	62	159	-	-	-	113	-	117	-	80	176	4	25	-
Total Xylene Isomers	ug/L	0.11	0.5	-	91	-	-	-	68	115	-	-	-	68	-	68	-	61	118	0	25	-
TPH (Gasoline Range)	ug/L	0	50	-	95	-	-	-	85	120	-	-	-	100	-	98	-	78	124	2	25	-
[a,a,a-Trifluorotoluene]	Percent	108	-	-	104	-	-	-	85	118	-	-	-	94	-	100	-	85	118	-	-	-

: SURROGATE RECOVERIES :
: BC ANALYTICAL : GLEN LAB : 10:06:05 12 NOV 1997 - P. 1 :

METHOD	ANALYTE	BATCH	ANALYZED	REPORTED	TRUE	%REC	FLAG
9711023*1							
8015M.TX	a,a,a-Trifluorotoluene	Re975156	11/08/97	46.8	50.0	94	
9711023*2							
8015M.TX	a,a,a-Trifluorotoluene	Re975156	11/08/97	45.9	50.0	92	
9711023*3							
8015M.TX	a,a,a-Trifluorotoluene	Re975156	11/08/97	43.8	50.0	88	
9711023*4							
8015M.TX	a,a,a-Trifluorotoluene	Re975156	11/08/97	45.9	50.0	92	
9711023*5							
8015M	a,a,a-Trifluorotoluene	Re976153	11/08/97	47.8	50.0	96	
9711023*6							
8015M	a,a,a-Trifluorotoluene	Re976153	11/08/97	43.4	50.0	87	
9711023*7							
8015M	a,a,a-Trifluorotoluene	Re976153	11/08/97	48.5	50.0	97	
9711023*8							
8015M	a,a,a-Trifluorotoluene	Re976153	11/08/97	48.3	50.0	97	
9711023*9							
8015M	a,a,a-Trifluorotoluene	Re976153	11/08/97	50.1	50.0	100	
9711023*10							
8015M	a,a,a-Trifluorotoluene	Re976153	11/08/97	50.2	50.0	100	
9711023*11							
8015M.TX	a,a,a-Trifluorotoluene	Re976153	11/08/97	49.2	50.0	98	
9711023*12							
8015M	a,a,a-Trifluorotoluene	Re976153	11/08/97	50.1	50.0	100	

Chain-of-Custody

Page 1 of 1

Texaco Environmental Services
108 Cutting Boulevard
Richmond, California 94804
Phone: (510) 236-3541
FAX: (510) 237-7821

Forward Results to the Attention of Rebecca Digerness

Texaco Project Coordinator: Karen Petryna

Site Name: Texaco Loc.# 624881450
Site Address: 1127 Lincoln Ave. Alameda, CA
Contractor Project Number: 971030 - 171
Contractor Name: Blaine Tech Services, Inc.
Address: 1680 Rogers Ave., San Jose, CA 95112
Project Contact: Kent Brown
Phone/FAX: (408)573-0555 / (408)573-7771

Laboratory: B C Analytical
Turn Around Time: normal (10 day)
Samplers (PRINT NAME): Daniel Venos
Sampler Signature:
Date Samples Collected: 10/30/97

KEP
624881450
FKEP9001L
Alameda

Sample Number	Lab Sample Number	Date/Time Collected	No. of Containers	Type of Containers	Sample Matrix	Preservative	ANALYSIS: TPH gas/BTEX	TPH Diesel	O&G/TRPH (418.1)	TPH Ex. (C8-C36+)	VOCs 8240/624	P. Halocarbons 8010/60	P. Aromatics 8020/602	Organic Lead			Comments
MW-1		10/30 13:55	3	Voa	W	HCL	X										
MW-2		12:40					X										
MW-3		14:35					X										
MW-4		11:15					X										
MW-5		15:05					X										
MW-6		13:15					X										
MW-7		10:45					X										
MW-8		9:05					X										
MW-9		10:03					X										
MW-10		9:35					X										
MW-11		11:45					X										
EB		7:40					X										

Relinquished by: (Signature) — Date: 11/3/97 — Time: 11:40
Relinquished by: (Signature) — Date: — Time:
Relinquished by: (Signature) — Date: — Time:
Method of Shipment:

Received by: (Signature) — Date: 11/3/97 — Time: 11:40
Received by: (Signature) — Date: — Time:
Received by: (Signature) — Date: — Time:
Lab Comments:

P:\GWMP\FORMS\TEX-COC.XLS

1127 Lincoln Ave -

Well Gauging Data

Project Name: 1127 Lincoln Ave.
Project Number: 970731-62

Date: 7/31/97
Recorded By: MG

Well ID	TOC Elev.	DTB (ft. TOC)	Well Dia. (in.)	DTP (ft.)	DTW (ft.)	PT (ft.)	Comments
MW-1		18.32	4		6.98		
MW-2		18.02	4		9.10		
MW-3		19.54	4		7.32		
MW-4		20.18	4		7.40		
MW-5		17.88	4		6.78		
MW-6		19.82	2		7.43		
MW-7		19.64	2		7.04		
MW-8		19.68	4		6.84		
MW-9		14.49	4		5.97		
MW-10		14.24	4		6.68		
MW-11		14.08	4		5.33		

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 #: 970731-G2	Texaco ID#: 6248814500
Sampler: MG	Date: 7/31/97
Well I.D.: MW-1	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 18.32	Depth to Water: 6.98
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	radius² * 0.164

Purge Method:
- S.S. Bailer
- Teflon Bailer
- Middleburg
- ~~Electric~~ Submersible
- Extraction Pump
- Other: _____

Sampling Method:
- ~~S.~~ S. Bailer
- Teflon Bailer
- Extraction Port
- Other: _____

7.3 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 21.9 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
1727	68.0	7.5	390	18.5	8	Black
1728	67.2	7.4	370	31.0	16	
1729	67.0	7.4	350	3.7	24	

Did well dewater? Yes (No)

Gallons actually evacuated: 24

Sampling Time: 1734

Sampling Date: 7/31/97

Sample I.D.: MW-1

Laboratory: BC Analytical

Analyzed for: (Tph-G BTEX) Tph-D

Other:

Equipment Blank I.D.:

Analyzed for same as primary sample

TEXACO WELL MONITORING DATA SHEET

Project #: 970731-G2	Texaco ID#: 6248814 50
Sampler: MG	Date: 7/31/97
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 18.02	Depth to Water: 9.10
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
- X Electric Submersible
- Extraction Pump
- Other: _____

Sampling Method:
- X S.S. Bailer
- Teflon Bailer
- Extraction Port
- Other: _____

5.8 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 17.4 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
1541	72.0	7.6	1000	134	6	
1542	71.8	7.5	1000	108	12	
1543	71.6	7.5	1000	>200	18	

Did well dewater? Yes (No) Gallons actually evacuated: 18

Sampling Time: 1548 Sampling Date: 7/31/97

Sample I.D.: MW-2 Laboratory: (BC Analytical)

Analyzed for: (Tph-G BTEX) Tph-D Other:

Equipment Blank I.D.: Analyzed for same as primary sample

TEXACO WELL MONITORING DATA SHEET

Project #: 970731-62	Texaco ID#: 6248814.50
Sampler: MG	Date: 7/31/97
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 19.54	Depth to Water: 7.32
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	radius² * 0.164

Purge Method:
- S.S. Bailer
- Teflon Bailer
- Middleburg
- X Electric Submersible
- Extraction Pump
- Other: _____

Sampling Method:
- X S.S. Bailer
- Teflon Bailer
- Extraction Port
- Other: _____

7.9 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 23.7 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
1709	70.0	7.6	450	67.3	8	
1710	70.2	7.6	470	25.6	16	
1711	69.2	7.6	460	13.3	24	

Did well dewater? Yes (No) Gallons actually evacuated: 24

Sampling Time: 1716 Sampling Date: 7/31/97

Sample I.D.: MW-3 Laboratory: (BC Analytical)

Analyzed for: (Tph-G BTEX) Tph-D Other:

Equipment Blank I.D.: Analyzed for same as primary sample

TEXACO WELL MONITORING DATA SHEET

Project #: 970731-62	Texaco ID#: 6248814 50
Sampler: MG	Date: 7/31/97
Well I.D.: MW-4	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 20.18	Depth to Water: 7.40
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	radius² * 0.164

Purge Method:
- S.S. Bailer
- Teflon Bailer
- Middleburg
- X Electric Submersible
- Extraction Pump
- Other: _____

Sampling Method:
- X S.S. Bailer
- Teflon Bailer
- Extraction Port
- Other: _____

8.3 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 24.9 Gals. (Calculated Volume)

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
1425	70.0	7.4	420	12.6	9	
1426	69.2	7.5	400	33.1	18	
1427	68.6	7.6	390	35.4	27	

Did well dewater? Yes (No) Gallons actually evacuated: 27

Sampling Time: 1432 Sampling Date: 7/31/97

Sample I.D.: MW-4 Laboratory: (BC Analytical)

Analyzed for: (Tph-G BTEX) Tph-D Other:

Equipment Blank I.D.: Analyzed for same as primary sample

TEXACO WELL MONITORING DATA SHEET

Project #: 970731-62	Texaco ID#: 6248814 50
Sampler: MG	Date: 7/31/97
Well I.D.: MW-5	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 17.88	Depth to Water: 6.78
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	radius² * 0.164

Purge Method:
- S.S. Bailer
- Teflon Bailer
- Middleburg
- X Electric Submersible
- Extraction Pump
- Other: _____

Sampling Method:
- X S.S. Bailer
- Teflon Bailer
- Extraction Port
- Other: _____

7.2 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 21.6 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
1503	69.6	7.6	520	>200	8	
1504	69.0	7.7	530	>200	16	
1505	69.4	7.7	530	>200	24	

Did well dewater? Yes (No) Gallons actually evacuated: 24

Sampling Time: 1510 Sampling Date: 7/31/97

Sample I.D.: MW-5 Laboratory: (BC Analytical)

Analyzed for: (Tph-G BTEX) Tph-D Other:

Equipment Blank I.D.: Analyzed for same as primary sample

TEXACO WELL MONITORING DATA SHEET

Project #: 970731-62	Texaco ID#: 6248814S0
Sampler: MG	Date: 7/31/97
Well I.D.: MW-6	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 19.82	Depth to Water: 7.43
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
- ~~Elec~~tric Submersible
- Extraction Pump
- Other: _____

Sampling Method:
- ~~S~~S. Bailer
- Teflon Bailer
- Extraction Port
- Other: _____

1 Case Volume (Gals.)		Specified Volumes		Calculated Volume
2.0	x	3	=	6.0 Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
1441	70.2	8.0	~~3~~70	>200	2.2	
1443	70.4	8.0	400	>200	4.4	
1445	69.8	7.9	310	>200	6.5	

Did well dewater? Yes (No)	Gallons actually evacuated: 6.5
Sampling Time: 1450	Sampling Date: 7/31/97
Sample I.D.: MW-6	Laboratory: ~~BC~~ Analytical
Analyzed for: (Tph-G BTEX) Tph-D	Other:
Equipment Blank I.D.:	Analyzed for same as primary sample

TEXACO WELL MONITORING DATA SHEET

Project #: 970731-62	Texaco ID#: 6248814 50
Sampler: MG	Date: 7/31/97
Well I.D.: MW-7	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 19.64	Depth to Water: 7.04
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:
- ~~X~~ S. Bailer
- Teflon Bailer
- Middleburg
- Electric Submersible
- Extraction Pump
- Other: _____

Sampling Method:
- ~~X~~ S. Bailer
- Teflon Bailer
- Extraction Port
- Other: _____

2.0	x	3	=	6.0 Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
1615	69.6	8.0	250	>200	2.2	
1617	69.0	7.9	240	>200	4.4	
1619	69.0	7.9	240	>200	6.5	

Did well dewater? Yes (No) Gallons actually evacuated: 6.5

Sampling Time: 1624 Sampling Date: 7/31/97

Sample I.D.: MW-7 Laboratory: (BC Analytical)

Analyzed for: (Tph-G BTEX) Tph-D Other:

Equipment Blank I.D.: Analyzed for same as primary sample

TEXACO WELL MONITORING DATA SHEET

Project #: 970731-G2	Texaco ID#: 6248814S0
Sampler: MG	Date: 7/31/97
Well I.D.: MW-8	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 19.68	Depth to Water: 6.84
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	radius² * 0.164

Purge Method:
- S.S. Bailer
- Teflon Bailer
- Middleburg
- ~~X~~ Electric Submersible
- Extraction Pump
- Other: _____

Sampling Method: ~~X~~ S.S. Bailer
- Teflon Bailer
- Extraction Port
- Other: _____

8.3 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 24.9 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
1400	68.0	6.8	400	7200	9	
1401	67.6	6.7	420	157	18	
1402	67.0	6.6	460	126	27	

Did well dewater? Yes (No) Gallons actually evacuated: 27

Sampling Time: 1407 Sampling Date: 7/31/97

Sample I.D.: MW-8 Laboratory: (BC Analytical)

Analyzed for: (Tph-G BTEX) Tph-D Other:

Equipment Blank I.D.: Analyzed for same as primary sample

TEXACO WELL MONITORING DATA SHEET

Project #: 970731-G2	Texaco ID#: 6248814S0
Sampler: MG	Date: 7/31/97
Well I.D.: MW-9	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 14.49	Depth to Water: 5.97
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
- X Electric Submersible
- Extraction Pump
- Other: _____

Sampling Method:
- X S.S. Bailer
- Teflon Bailer
- Extraction Port
- Other: _____

5.5 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 16.5 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
1335	68.8	6.8	400	114	6	
1336	68.6	6.7	410	112	12	
1337	68.6	6.6	460	7200	18	

Did well dewater? Yes (No)	Gallons actually evacuated: 18
Sampling Time: 1342	Sampling Date: 7/31/97
Sample I.D.: MW-9	Laboratory: (BC Analytical)
Analyzed for: (Tph-G BTEX) Tph-D	Other:
Equipment Blank I.D.:	Analyzed for same as primary sample

TEXACO WELL MONITORING DATA SHEET

Project #: 970731-G2	Texaco ID#: 6248551450
Sampler: MG	Date: 7/31/97
Well I.D.: MW-10	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 14.24	Depth to Water: 6.65
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	radius² * 0.164

Purge Method:
- S.S. Bailer
- Teflon Bailer
- Middleburg
- X Electric Submersible
- Extraction Pump
- Other: _____

Sampling Method:
- X S.S. Bailer
- Teflon Bailer
- Extraction Port
- Other: _____

4.9 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 14.7 Gals. (Calculated Volume)

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
1315	68.0	6.8	640	7200	5	
1316	67.6	6.8	580	7200	10	
1317	67.8	6.7	580	7200	15	

Did well dewater? Yes (No) Gallons actually evacuated: 15

Sampling Time: 1322 Sampling Date: 7/31/97

Sample I.D.: MW-10 Laboratory: (BC Analytical)

Analyzed for: (Tph-G BTEX) Tph-D Other:

Equipment Blank I.D.: EB @ 1253 After MW-11 Analyzed for same as primary sample

TEXACO WELL MONITORING DATA SHEET

Project #: 970731-62	Texaco ID#: 6248814 50
Sampler: MG	Date: 7/31/97
Well I.D.: MW-11	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 14.08	Depth to Water: 5.33
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	radius² * 0.164

Purge Method:
- S.S. Bailer
- Teflon Bailer
- Middleburg
- X Electric Submersible
- Extraction Pump
- Other: _____

Sampling Method:
- X S.S. Bailer
- Teflon Bailer
- Extraction Port
- Other: _____

5.7 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 17.1 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
1240	72.6	7.4	400	>200	6	
1241	72.0	7.4	220	>200	12	
1242	71.6	7.3	220	>200	18	

Did well dewater? Yes (No) Gallons actually evacuated: 18

Sampling Time: 1247 Sampling Date: 7/31/97

Sample I.D.: MW-11 Laboratory: (BC Analytical)

Analyzed for: (Tph-G BTEX) Tph-D Other:

Equipment Blank I.D.: Analyzed for same as primary sample

Well Gauging Data

Project Name: C24 881450
Project Number: 971030-P1

Date: 10/30/97
Recorded By: BV

Well ID	TOC Elev.	DTB (ft. TOC)	Well Dia. (in.)	DTP (ft.)	DTW (ft.)	PT (ft.)	Comments
MW-1		19.05	4		8.00		
MW-2		19.28	4		8.33		
MW-3		19.64	4		7.46		
MW-4		20.23	4		7.52		
MW-5		16.04	4		7.69		
MW-6		19.59	2		7.59		
MW-7		19.59	2		7.02		
MW-8		19.75	4		6.66		
MW-9		14.25	4		6.15		
MW-10		14.00	4		6.92		
MW-11		14.12	4		5.76		

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

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Alameda, Ca

TEXACO WELL MONITORING DATA SHEET

Project #: 971030-D1	Texaco ID#: 624881450
Sampler: DV	Date: 10/30/97
Well I.D.: MW-1	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 19.05	Depth to Water: 8.00
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	radius² * 0.164

Purge Method:
- S.S. Bailer
- Teflon Bailer
- Middleburg
- Electric Submersible X
- Extraction Pump
- Other: _____

Sampling Method:
- S.S. Bailer X
- Teflon Bailer
- Extraction Port
- Other: _____

7.3 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 21.9 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
13:45	65.8	7.2	300	>200	7.5	
13:47	69.2	7.0	280	>200	15	
13:49	68.8	6.9	280	>200	22	

Did well dewater? Yes (No) Gallons actually evacuated: 22

Sampling Time: 13:55 Sampling Date: 10/30/97

Sample I.D.: MW-1 Laboratory: BC Analytical

Analyzed for: (Tph-G) (BTEX) Tph-D Other:

Equipment Blank I.D.: Analyzed for same as primary sample

TEXACO WELL MONITORING DATA SHEET

Project #: 970130 - D1	Texaco ID#: 624881450
Sampler: DV	Date: 10/30/97
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 19.28	Depth to Water: 8.33
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 X / Extraction Pump / Other: _____

Sampling Method: S.S. Bailer X / Teflon Bailer / Extraction Port / Other: _____

7.2	x	3	=	21.6 Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
12:30	72.2	6.8	520	>200	7.5	odor
12:32	72.0	6.8	500	>200	15	"
12:34	68.6	6.9	440	90	22	

Did well dewater? Yes (No) Gallons actually evacuated: 22

Sampling Time: 12:40 Sampling Date: 10/30/97

Sample I.D.: MW-2 Laboratory: BC Analytical

Analyzed for: (Tph-G) (BTEX) Tph-D Other:

Equipment Blank I.D.: Analyzed for same as primary sample

TEXACO WELL MONITORING DATA SHEET

Project #: 97030-D1	Texaco ID#: 624881450
Sampler: DV	Date: 10/30/97
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 19.64	Depth to Water: 7.46
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 X / Extraction Pump / Other: _____

Sampling Method: S.S. Bailer X / Teflon Bailer / Extraction Port / Other: _____

8.0 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 24 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
14:25	70.8	7.3	360	64	8	
14:27	70.4	7.3	340	32	16	
14:29	70.0	7.3	300	33	24	

Did well dewater? Yes (No) Gallons actually evacuated: 24

Sampling Time: 14:35 Sampling Date: 10/30/97

Sample I.D.: MW-3 Laboratory: BC Analytical

Analyzed for: (Tph-G) (BTEX) Tph-D Other:

Equipment Blank I.D.: Analyzed for same as primary sample

TEXACO WELL MONITORING DATA SHEET

Project #: 971030-D1	Texaco ID#: 624881450
Sampler: DV	Date: 10/30/97
Well I.D.: MW-4	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 20.23	Depth to Water: 7.52
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 X / Extraction Pump / Other: ___

Sampling Method: S.S. Bailer X / Teflon Bailer / Extraction Port / Other: ___

8.3 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 24.9 Gals. (Calculated Volume)

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
11:05	68.9	7.0	750	>200	9	
11:07	68.6	7.1	4100	>200	18	
11:09	68.6	7.2	360	>200	25	

Did well dewater? Yes / (No) Gallons actually evacuated: 25

Sampling Time: 11:15 Sampling Date: 10/30/97

Sample I.D.: MW-4 Laboratory: BC Analytical

Analyzed for: (Tph-G) (BTEX) Tph-D Other:

Equipment Blank I.D.: Analyzed for same as primary sample

TEXACO WELL MONITORING DATA SHEET

Project #: 971030-D1	Texaco ID#: 624881450
Sampler: DV	Date: 10/30/97
Well I.D.: MW-5	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 16.04	Depth to Water: 7.69
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 X / Extraction Pump / Other: _____

Sampling Method: S.S. Bailer X / Teflon Bailer / Extraction Port / Other: _____

5.5 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 16.5 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
14:55	70.8	7.0	>10,000	>200	6	
14:58	70.8	7.0	>10,000	>200	12	
15:01	68.6	7.0	>10,000	>200	17	

Did well dewater? Yes (No)	Gallons actually evacuated: 17
Sampling Time: 15:05	Sampling Date: 10/30/97
Sample I.D.: MW-5	Laboratory: BC Analytical
Analyzed for: (Tph-G) (BTEX) Tph-D	Other:
Equipment Blank I.D.:	Analyzed for same as primary sample

TEXACO WELL MONITORING DATA SHEET

Project #: 971030-D1	Texaco ID#: 6248814 50
Sampler: DV	Date: 10/30/97
Well I.D.: MW-6	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 19.59	Depth to Water: 7.59
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	radius² * 0.164

Purge Method:
- S.S. Bailer X
- Teflon Bailer
- Middleburg
- Electric Submersible
- Extraction Pump
- Other: _____

Sampling Method:
- S.S. Bailer X
- Teflon Bailer
- Extraction Port
- Other: _____

2.0 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 6 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
13:00	68.8	7.2	200	>200	2	
1305	70.2	7.2	240	>200	4	
13:10	70.8	7.0	260	>200	6	

Did well dewater? Yes (No) Gallons actually evacuated: 6

Sampling Time: 13:15 Sampling Date: 10/30/97

Sample I.D.: MW-6 Laboratory: BC Analytical

Analyzed for: (Tph-G) (BTEX) Tph-D Other:

Equipment Blank I.D.: Analyzed for same as primary sample

TEXACO WELL MONITORING DATA SHEET

Project #: 976030-D1	Texaco ID#: 624881450
Sampler: TV	Date: 10/30/97
Well I.D.: MW-7	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 19.59	Depth to Water: 7.02
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	radius² * 0.164

Purge Method: S.S. Bailer ✓ / Teflon Bailer / Middleburg / Electric Submersible / Extraction Pump / Other: ___

Sampling Method: S.S. Bailer ✓ / Teflon Bailer / Extraction Port / Other: ___

2.1	x	3	=	6.3 Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
10:30	70.0	6.8	1600	~~8~~ >200	2	
10:35	70.2	6.8	620	~~4~~ >200	4	
10:40	68.8	6.6	500	~~6.5~~ >200	6.5	

Did well dewater? Yes (No) Gallons actually evacuated: 6.5

Sampling Time: 10:45 Sampling Date: 10/30/97

Sample I.D.: MW-7 Laboratory: BC Analytical

Analyzed for: (Tph-G) (BTEX) Tph-D Other:

Equipment Blank I.D.: Analyzed for same as primary sample

TEXACO WELL MONITORING DATA SHEET

Project #: 971030-D1	Texaco ID#: 624881450
Sampler: DV	Date: 10/30/97
Well I.D.: MW-8	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 19.75	Depth to Water: 6.66
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	radius² * 0.164

Purge Method:
- S.S. Bailer
- Teflon Bailer
- Middleburg
- Electric Submersible ✓
- Extraction Pump
- Other: _____

Sampling Method:
- S.S. Bailer ✓
- Teflon Bailer
- Extraction Port
- Other: _____

1 Case Volume (Gals.)		Specified Volumes		Calculated Volume
8.6	x	3	=	25.8 Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
8:50	70.2	6.9	1100	>200	9	
8:52	69.8	6.8	840	>200	18	
8:54	69.0	6.8	600	193	26	

Did well dewater? Yes (No)	Gallons actually evacuated: 26
Sampling Time: 9:05	Sampling Date: 10/30/97
Sample I.D.: MW-8	Laboratory: BC Analytical
Analyzed for: (Tph-G) (BTEX) Tph-D	Other:
Equipment Blank I.D.:	Analyzed for same as primary sample

TEXACO WELL MONITORING DATA SHEET

Project #: 971030-D1	Texaco ID#: 6248814 50
Sampler: DV	Date: 10/30/97
Well I.D.: MW-9	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 14.25	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 X
- Extraction Pump
- Other: ___

Sampling Method:
- S.S. Bailer X
- Teflon Bailer
- Extraction Port
- Other: ___

1 Case Volume (Gals.)		Specified Volumes		Calculated Volume
~~5.3~~	x	3	=	15.9 Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
9:55	69.0	7.0	380	7200	6	
9:56	68.8	6.8	320	7200	12	
9:57	68.2	6.8	300	>200	16	

Did well dewater? Yes (No)	Gallons actually evacuated: 16
Sampling Time: 10:03	Sampling Date: 10/30/97
Sample I.D.: MW-9	Laboratory: BC Analytical
Analyzed for: (Tph-G) (BTEX) Tph-D	Other:
Equipment Blank I.D.:	Analyzed for same as primary sample

TEXACO WELL MONITORING DATA SHEET

Project #: 97030-D1	Texaco ID#: 624881450
Sampler: DV	Date: 10/30/97
Well I.D.: MW-10	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 14.00	Depth to Water: 6.92
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	radius² * 0.164

Purge Method: S.S. Bailer / Teflon Bailer / Middleburg / Electric Submersible X / Extraction Pump / Other: ___

Sampling Method: S.S. Bailer X / Teflon Bailer / Extraction Port / Other: ___

4.7 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 14.1 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
9:25	68.0	7.1	500	>200	5	
9:26	70.2	7.2	480	>200	10	
9:27	70.2	7.2	460	>200	15	

Did well dewater? Yes (No)	Gallons actually evacuated: 15
Sampling Time: 9:35	Sampling Date: 10/30/97
Sample I.D.: MW-10	Laboratory: BC Analytical
Analyzed for: (Tph-G) (BTEX) Tph-D	Other:
Equipment Blank I.D.: EB @ 9:40	Analyzed for same as primary sample

TEXACO WELL MONITORING DATA SHEET

Project #: 971030 - D1	Texaco ID#: 624881450
Sampler: DV	Date: 10/30/97
Well I.D.: MW-11	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 14.12	Depth to Water: 5.76
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 X
- Extraction Pump
- Other: _____

Sampling Method:
- S.S. Bailer X
- Teflon Bailer
- Extraction Port
- Other: _____

1 Case Volume (Gals.)		Specified Volumes		Calculated Volume
5.5	x	3	=	16.5 Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
11:35	72.2	7.0	220	190	6	
11:36	71.8	6.7	190	>200	12	
11:37	71.0	6.7	200	>200	17	

Did well dewater? Yes (No)	Gallons actually evacuated: 17
Sampling Time: 11:45	Sampling Date: 10/30/97
Sample I.D.: MW-11	Laboratory: BC Analytical
Analyzed for: (Tph-G) (BTEX) Tph-D	Other:
Equipment Blank I.D.:	Analyzed for same as primary sample

SOURCE RECORD

BILL OF LADING

FOR NON-HAZARDOUS PURGEWATER RECOVERED FROM GROUNDWATER WELLS AT TEXACO FACILITIES IN THE STATE OF CALIFORNIA. THE NON-HAZARDOUS PURGE-WATER WHICH HAS BEEN RECOVERED FROM GROUND-WATER WELLS IS COLLECTED BY THE CONTRACTOR, MADE UP INTO LOADS OF APPROPRIATE SIZE AND HAULED TO THE DESTINATION DESIGNATED BY TEXACO ENVIRONMENTAL SERVICES (TES).

Contractor: Blaine Tech Services, Inc.
Address: 1680 Rogers Avenue
City, State, ZIP: San Jose, CA 95112
Phone: (408) 573-0555

is authorized by Texaco Environmental Services to recover, collect, apportion into loads, and haul the NON-HAZARDOUS WELL PURGEWATER that is drawn from wells at the Texaco facility listed below and to deliver that purgewater to an appropriate destination designated by TEXACO ENVIRONMENTAL SERVICES in either Redwood City, California or in Richmond, California. Transport routing of the Non-Hazardous Well Purgewater may be directed from one Texaco facility to the designated destination point; from one Texaco facility to the designated destination point via another Texaco facility; from a Texaco facility via the contractor's facility, or any combination thereof. The Non-Hazardous Well Purgewater is and remains the property of Texaco Environmental Services (TES).

This SOURCE RECORD BILL OF LADING was initiated to cover the recovery of Non-Hazardous Well Purgewater from wells at the Texaco facility described below:

TEXACO #: 624881450
Address: 1127 Lincoln Ave.
City, State, ZIP: Alameda, CA

Well I.D.	Gals.	Well I.D.	Gals.
MW-11			
MW-11	208		

Total gals. 208

added rinse water 30

Total Gals. Recovered 238

Job #: 970731-G2
Date 7/31/97
Time 12:30
Signature:

REC'D AT: BTS
Date: 7/31/97
Time: 19:00
Signature:

SOURCE RECORD

BILL OF LADING

FOR NON-HAZARDOUS PURGEWATER RECOVERED FROM GROUNDWATER WELLS AT TEXACO FACILITIES IN THE STATE OF CALIFORNIA. THE NON-HAZARDOUS PURGE-WATER WHICH HAS BEEN RECOVERED FROM GROUND-WATER WELLS IS COLLECTED BY THE CONTRACTOR, MADE UP INTO LOADS OF APPROPRIATE SIZE AND HAULED TO THE DESTINATION DESIGNATED BY TEXACO ENVIRONMENTAL SERVICES (TES).

Contractor: Blaine Tech Services, Inc.
Address: 1680 Rogers Avenue
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is authorized by Texaco Environmental Services to recover, collect, apportion into loads, and haul the NON-HAZARDOUS WELL PURGEWATER that is drawn from wells at the Texaco facility listed below and to deliver that purgewater to an appropriate destination designated by TEXACO ENVIRONMENTAL SERVICES in either Redwood City, California or in Richmond, California. Transport routing of the Non-Hazardous Well Purgewater may be directed from one Texaco facility to the designated desitnation point; from one Texaco facility to the designated destination point via another Texaco facility; from a Texaco facility via the contractor's facility, or any combination thereof. The Non-Hazardous Well Purgewater is and remains the property of Texaco Environmental Services (TES).

This SOURCE RECORD BILL OF LADING was initiated to cover the recovery of Non-Hazardous Well Purgewater from wells at the Texaco facility described below:

TEXACO #: Texaco #624881450
Address: 1127 LINCOLN AVE.
City, State, ZIP: ALAMEDA, CA

Well I.D.	Gals.	Well I.D.	Gals.
Purge Water	170		

Total gals. 185

added rinse water 10 gal

Total Gals. Recovered 185

Job #: 971030-P1
Date 10/30/97
Time 15:50
Signature:

REC'D AT: BTS
Date: 10/30/97
Time: 17:30
Signature:

QUARTERLY SUMMARY REPORT
Former Texaco Service Station/Current Auto Repair Facility
1127 Lincoln Avenue, Alameda, California
Alameda County
Fourth Quarter, 1997

HISTORY OF INVESTIGATIVE AND REMEDIAL ACTIONS

Four underground fuel tanks and one underground waste oil tank were removed in September 1989. Eleven soil borings were drilled in March 1981 and eight of the borings were converted into three groundwater monitoring wells (MW-1 through MW-3) and five vapor extraction wells (VW-1 through VW-5). Five additional ground water monitoring wells (MW-4 through MW-8) and (MW-9 through MW-11) were installed in June 1992 and May 1995, respectively. Nine soil borings were also drilled in February 1995. A dual soil vapor extraction and groundwater extraction remedial system operated from September 1993 through September 1996. Monitoring well MW-5 was connected to the vapor extraction system in September 1993 and MW-1 and MW-2 were connected to the extraction system in November 1993. MW-1, MW-2, and MW-5 were used as combined extraction/recovery wells.

WORK PERFORMED DURING THIS QUARTER

Ground water monitoring and sampling of the monitoring wells was performed.

CHARACTERIZATION STATUS

SOIL: The extent of petroleum hydrocarbons in soil have been delineated.

GROUND WATER: The extent of petroleum hydrocarbons appears to be predominantly defined.

REMEDIATION STATUS

A dual soil vapor extraction and groundwater extraction system previously operated at the site (see above).

WORK TO BE PERFORMED NEXT QUARTER

Continuation of the quarterly ground water monitoring and sampling program.

WATER WELL SURVEY

A water well survey has not been conducted for the site. The predominant ground water flow direction is to the north-northwest.

PERMITS

A private access agreement is in effect with the property owner. An access agreement is also in effect, through March 20, 2000, with Mario Gianchino for one of the off-site wells.

CONTACTS

TRMI EH&S (Texaco)	Ms. Karen Petryna Project Manager (510) 236-9139
Lead Regulatory Agency	Ms. Juliet Shin Alameda County Department of Health (510) 567-6763
Property Owner	Mr. Leo Pagano (510) 522-1878

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