



Texaco Refining
and Marketing Inc

108 Cutting Boulevard
Richmond Ca. 94601

May 26, 1997

ENV - STUDIES, SURVEYS & REPORTS

Former Texaco Refining Station

RECEIVED
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5:45 PM

Mr. Dale Klettke, CHMM
Hazardous Materials Specialist
Alameda County
Environmental Health Services
1131 Harbor Bay Parkway, #250
Alameda, CA 94502-6577

Dear Mr. Klettke:

This letter presents the results of groundwater monitoring and sampling conducted by Blaine Tech Services, Inc. on February 27, 1997, at the site referenced above (see Plate 1, Site Vicinity Map). Based on groundwater level measurements, the areal hydraulic gradient was estimated to be south (see Plate 2, Groundwater Gradient Map). TPHg and benzene concentrations are shown on Plate 3. Tables 1 and 2 list historical groundwater monitoring data and analytical results, respectively.

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.

Unfortunately, this first quarter report was delayed due to documentation mishandling. The second quarter report is on schedule to be completed by the due date. 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,

Rebecca Digerness
Environmental Assistant

Karen E. Petryna, P. E.
Civil Engineer
Texaco Refining and Marketing Inc



RBD:hs
C:\QMR\2225\QMR.LET

Enclosure

cc: Mr. Michael Faber
Exxon Company, USA
2300 Clayton Road, Suite 1250
Concord, CA 94524-2032

Mr. Sarkis Soghomonian
Kaprealian Engineering, Inc.
2401 Stanwell Dr., Suite 400
Concord, CA 94520

RAOFile-UCPFile (w/enclosure)

pc 

**Groundwater Monitoring and Sampling
First Quarter, 1997
at the
Former Texaco / Current Exxon Service Station
2225 Telegraph Avenue
Oakland, CA**



SOURCE:
 1993 THE THOMAS GUIDE
 ALAMEDA COUNTY, PAGE 9 (B3)



TEXACO
 REFINING AND MARKETING, INC.
 TEXACO ENVIRONMENTAL SERVICES

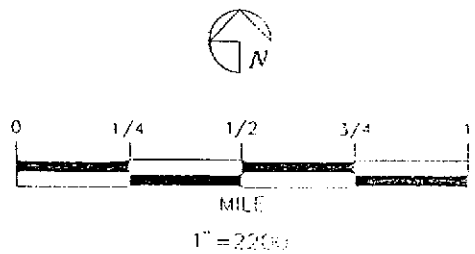
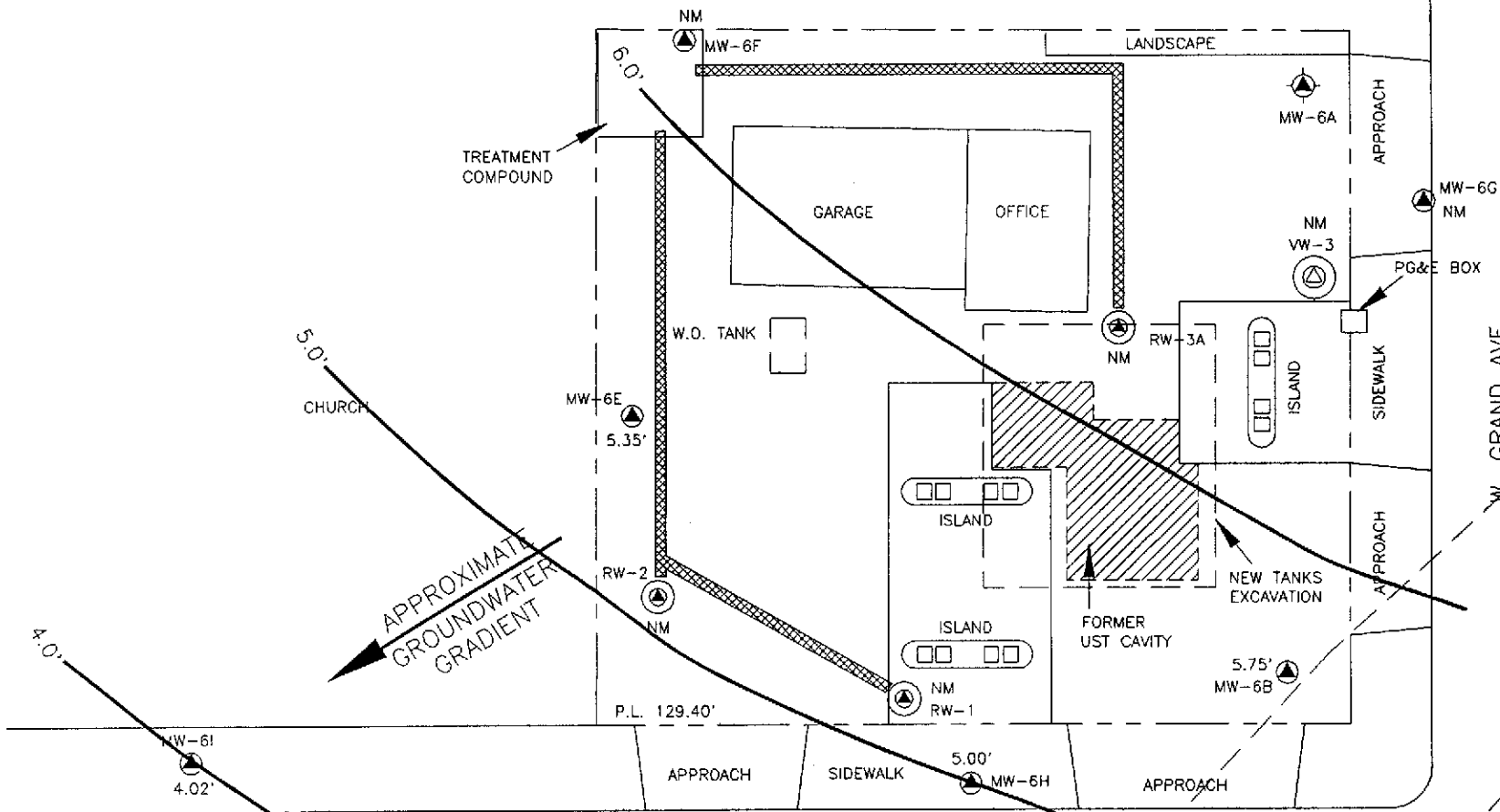










PLATE 1
 SITE VICINITY MAP
 FORMER TEXACO SERVICE STATION
 2225 TELEGRAPH AVE. / GRAND AVE.,
 OAKLAND, CALIFORNIA

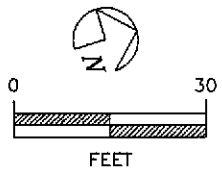


LEGEND :


-  VAPOR EXTRACTION WELL LOCATION AND WELL NUMBER
-  PROPERLY ABANDONED WELL LOCATION AND WELL NUMBER
-  GROUNDWATER MONITORING WELL LOCATION AND WELL NUMBER
-  GROUNDWATER RECOVERY/VAPOR EXTRACTION WELL LOCATION AND WELL NUMBER
-  TEXACO REMEDIATION SYSTEM TRENCH WITH 2" PVC VAPOR EXTRACTION LINE
-  GROUNDWATER CONTOUR LINE
-  4.02' GROUNDWATER ELEVATION (ABOVE MSL)
-  NM WELL NOT MEASURED

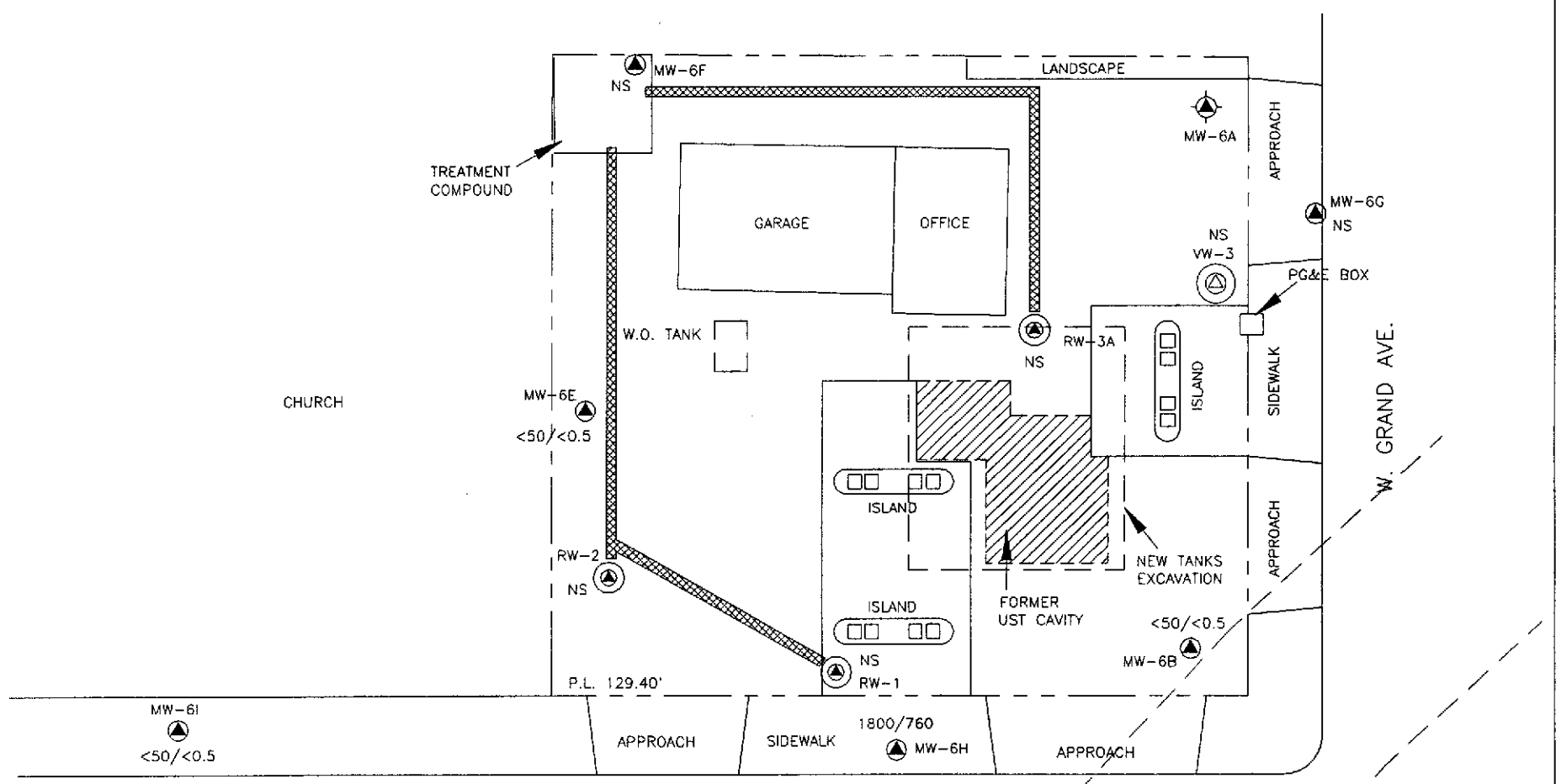
TELEGRAPH AVE.

APPROXIMATE LOCATION OF BART TUNNEL








SOURCE : MATTESON ENGINEERING CONDUCTED SURVEY ON 08/04/1994

	
TEXACO REFINING AND MARKETING INC. ENVIRONMENT, HEALTH AND SAFETY	
PLATE 2 : GROUNDWATER GRADIENT MAP (02/27/1997) FORMER TEXACO SERVICE STATION 2225 TELEGRAPH AVE. / GRAND AVE., OAKLAND, CALIFORNIA	
SCALE	1" = 30'-0"
LOCATION #	62-488-0195
DRAWN BY	RBD
DATE	
CHECKED BY	KEG
DATE	5/21/97
DRAWING NO.	(OAKLAND) TE-GR-OK.DWG

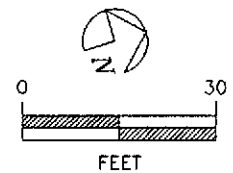


LEGEND :

-  VAPOR EXTRACTION WELL LOCATION AND WELL NUMBER
-  PROPERLY ABANDONED WELL LOCATION AND WELL NUMBER
-  GROUNDWATER MONITORING WELL LOCATION AND WELL NUMBER
-  GROUNDWATER RECOVERY/VAPOR EXTRACTION WELL LOCATION AND WELL NUMBER
-  TEXACO REMEDIATION SYSTEM TRENCH WITH 2" PVC VAPOR EXTRACTION LINE
- $<50/<0.5$ TPHg/BENZENE CONCENTRATION IN GROUNDWATER (ppb)
- NS WELL NOT SAMPLED

TELEGRAPH AVE.

APPROXIMATE LOCATION OF BART TUNNEL



SOURCE : MATTESON ENGINEERING CONDUCTED SURVEY ON 08/04/1994


 TEXACO	
REFINING AND MARKETING INC. ENVIRONMENT, HEALTH AND SAFETY	
PLATE 3 : TPHg/BENZENE CONCENTRATION IN GROUNDWATER (02/27/1997) FORMER TEXACO SERVICE STATION 2225 TELEGRAPH AVE. / GRAND AVE., OAKLAND, CALIFORNIA	
SCALE	LOCATION # 62-488-0195
BRAWN BY	DATE
CHECKED BY	DATE 5/21/99
DRAWING NO. (OAKLAND) TE-GR-OK.DWG	

Table 1
Groundwater Elevation Data
2225 Telegraph Avenue, Oakland, CA

Well Number	Date Gauged	Top of Casing Elevation (feet)	Depth to Water (feet, TOC)	Elevation of Groundwater (feet)
MW-6A	12/30/91			Well Destroyed
MW-6B	2/25/92	17.48	11.81	5.67
MW-6B	3/25/92	17.48	11.58	5.90
MW-6B	6/16/92	17.48	12.54	4.94
MW-6B	9/8/92	17.48	12.87	4.61
MW-6B	11/5/92	17.48	12.70	4.78
MW-6B	12/14/92	17.48	12.19	5.29
MW-6B	1/28/93	17.48	11.39	6.09
MW-6B	2/11/93	17.48	11.70	5.78
MW-6B	3/9/93	17.48	11.70	5.78
MW-6B	4/14/93	17.48	11.87	5.61
MW-6B	5/11/93	17.48	12.22	5.26
MW-6B	6/17/93	17.48	12.46	5.02
MW-6B	7/26/93	17.48	12.72	4.76
MW-6B	8/10/93	17.48	12.82	4.66
MW-6B	9/21/93	17.48	13.08	4.40
MW-6B	10/27/93	17.48	13.18	4.30
MW-6B	11/23/93	17.48	13.07	4.41
MW-6B	12/17/93	17.48	NA	NA
MW-6B	2/16/94	17.48	12.07	5.41
MW-6B	5/31/94	17.48	12.42	5.06
MW-6B	8/30/94	17.48	13.02	4.46
MW-6B	11/11/94	17.48	11.72	5.76
MW-6B	2/27/95	17.48	11.84	5.64
MW-6B	5/30/95	17.48	12.09	5.39
MW-6B	8/30/95	17.48	12.76	4.72
MW-6B	10/25/95	17.48	13.03	4.45
MW-6B	2/24/96	17.48	11.48	6.00
MW-6B	4/22/96	17.48	12.91	4.57
MW-6B	11/26/96	17.48	12.26	5.22
MW-6B	2/27/97	17.48	11.73	5.75
MW-6E	2/25/92	17.63	13.16	4.47
MW-6E	3/25/92	17.63	12.15	5.48
MW-6E	6/16/92	17.63	13.54	4.09
MW-6E	9/8/92	17.63	14.78	2.85
MW-6E	11/5/92	17.63		Not Monitored
MW-6E	12/14/92	17.63		Not Monitored
MW-6E	1/28/93	17.63	11.62	6.01
MW-6E	2/11/93	17.63	12.85	4.78
MW-6E	3/9/93	17.63	12.83	4.80
MW-6E	4/14/93	17.63		Not Monitored
MW-6E	5/11/93	17.63	13.59	4.04
MW-6E	6/17/93	17.63	13.74	3.89
MW-6E	7/26/93	17.63	14.01	3.62

Table 1
Groundwater Elevation Data
2225 Telegraph Avenue, Oakland, CA

Well Number	Date Gauged	Top of Casing Elevation (feet)	Depth to Water (feet, TOC)	Elevation of Groundwater (feet)
MW-6E	8/10/93	17.63	14.13	3.50
MW-6E	9/21/93	17.63	14.20	3.43
MW-6E	10/27/93	17.63	14.34	3.29
MW-6E	11/23/93	17.63	13.97	3.66
MW-6E	12/17/93	17.63	13.08	4.55
MW-6E	2/16/94	17.63	13.34	4.29
MW-6E	5/31/94	17.63	13.82	3.81
MW-6E	8/30/94	17.63	14.32	3.31
MW-6E	11/11/94	17.63	13.92	3.71
MW-6E	2/27/95	17.63	12.96	4.67
MW-6E	5/30/95	17.63	13.20	4.43
MW-6E	8/30/95	17.63	13.85	3.78
MW-6E	10/25/95	17.63	13.96	3.67
MW-6E	2/24/96	17.63	11.80	5.83
MW-6E	4/22/96	17.63	12.45	5.18
MW-6E	11/26/96	17.63	12.94	4.69
MW-6E	2/27/97	17.63	12.28	5.35
MW-6F	2/25/92	18.58	12.68	5.90
MW-6F	3/25/92	18.58	11.93	6.65
MW-6F	6/16/92	18.58	14.34	4.24
MW-6F	9/8/92	18.58	14.75	3.83
MW-6F	11/5/92	18.58	14.35	4.23
MW-6F	12/14/92	18.58	12.90	5.68
MW-6F	1/28/93	18.58	11.60	6.98
MW-6F	2/11/93	18.58	12.25	6.33
MW-6F	3/9/93	18.58	12.50	6.08
MW-6F	4/14/93	18.58	12.71	5.87
MW-6F	5/11/93	18.58	13.63	4.95
MW-6F	6/17/93	18.58	14.02	4.56
MW-6F	7/26/93	18.58	Not Monitored	
MW-6F	8/10/93	18.58	Not Monitored	
MW-6F	9/21/93	18.58	14.80	3.78
MW-6F	10/27/93	18.58	14.85	3.73
MW-6F	11/23/93	18.58	Not Monitored - Inaccessible	
MW-6F	12/17/93	18.58	13.86	4.72
MW-6F	2/16/94	18.58	13.08	5.50
MW-6F	5/31/94	18.58	14.06	4.52
MW-6F	8/30/94	18.58	14.84	3.74
MW-6F	11/11/94	18.58	12.60	5.98
MW-6F	2/27/95	18.58	12.75	5.83
MW-6F	5/30/95	18.58	13.16	5.42
MW-6F	8/30/95	18.58	14.31	4.27
MW-6F	10/25/95	18.58	14.40	4.18
MW-6F	2/24/96	18.58	10.88	7.70
MW-6F	4/22/96	18.58	12.56	6.02

Table 1
Groundwater Elevation Data
2225 Telegraph Avenue, Oakland, CA

Well Number	Date Gauged	Top of Casing Elevation (feet)	Depth to Water (feet, TOC)	Elevation of Groundwater (feet)
MW-6F	11/26/96	18.58	13.29	5.29
MW-6F	2/27/97	18.58	Not Monitored	
MW-6G	2/25/92	16.82	10.32	6.50
MW-6G	3/25/92	16.82	9.93	6.89
MW-6G	6/16/92	16.82	11.88	4.94
MW-6G	9/8/92	16.82	12.20	4.62
MW-6G	11/5/92	16.82	12.02	4.80
MW-6G	12/14/92	16.82	10.95	5.87
MW-6G	1/28/93	16.82	9.56	7.26
MW-6G	2/11/93	16.82	10.04	6.78
MW-6G	3/9/93	16.82	10.10	6.72
MW-6G	4/14/93	16.82	10.43	6.39
MW-6G	5/11/93	16.82	11.05	5.77
MW-6G	6/17/93	16.82	11.49	5.33
MW-6G	7/26/93	16.82	11.98	4.84
MW-6G	8/10/93	16.82	12.17	4.65
MW-6G	9/21/93	16.82	12.42	4.40
MW-6G	10/27/93	16.82	13.47	3.35
MW-6G	11/23/93	16.82	12.48	4.34
MW-6G	12/17/93	16.82	11.19	5.63
MW-6G	2/16/94	16.82	10.62	6.20
MW-6G	5/31/94	16.82	11.40	5.42
MW-6G	8/30/94	16.82	12.32	4.50
MW-6G	11/11/94	16.82	11.06	5.76
MW-6G	2/27/95	16.82	10.32	6.50
MW-6G	5/30/95	16.82	10.77	6.05
MW-6G	8/30/95	16.82	11.92	4.90
MW-6G	10/25/95	16.82	12.11	4.71
MW-6G	2/24/96	16.82	9.47	7.35
MW-6G	4/22/96	16.82	10.43	6.39
MW-6G	11/26/96	16.82	11.12	5.70
MW-6G	2/27/97	16.82	Not Monitored	
MW-6H	2/25/92	16.58	12.17	4.41
MW-6H	3/25/92	16.58	11.65	4.93
MW-6H	6/16/92	16.58	12.12	4.46
MW-6H	9/8/92	16.58	12.30	4.28
MW-6H	11/5/92	16.58	12.05	4.53
MW-6H	12/14/92	16.58	11.65	4.93
MW-6H	1/28/93	16.58	11.57	5.01
MW-6H	2/11/93	16.58	12.22	4.36
MW-6H	3/9/93	16.58	12.02	4.56
MW-6H	4/14/93	16.58	12.02	4.56
MW-6H	5/11/93	16.58	12.35	4.23
MW-6H	6/17/93	16.58	12.22	4.36

Table 1
Groundwater Elevation Data
2225 Telegraph Avenue, Oakland, CA

Well Number	Date Gauged	Top of Casing Elevation (feet)	Depth to Water (feet, TOC)	Elevation of Groundwater (feet)
MW-6H	7/26/93	16.58	12.32	4.26
MW-6H	8/10/93	16.58	12.30	4.28
MW-6H	9/21/93	16.58	12.79	3.79
MW-6H	10/27/93	16.58	13.93	2.65
MW-6H	11/23/93	16.58	12.46	4.12
MW-6H	12/17/93	16.58	12.08	4.50
MW-6H	5/31/94	16.58	12.46	4.12
MW-6H	8/30/94	16.58	12.72	3.86
MW-6H	11/11/94	16.58	11.98	4.60
MW-6H	2/27/95	16.58	11.89	4.69
MW-6H	5/30/95	16.58	12.05	4.53
MW-6H	8/30/95	16.58	12.34	4.24
MW-6H	10/25/95	16.58	12.52	4.06
MW-6H	2/24/96	16.58	11.58	5.00
MW-6H	4/22/96	16.58	11.68	4.90
MW-6H	11/26/96	16.58	11.87	4.71
MW-6H	2/27/97	16.58	11.58	5.00
MW-6I	2/25/92	16.26	12.45	3.81
MW-6I	3/25/92	16.26	12.12	4.14
MW-6I	6/16/92	16.26	12.75	3.51
MW-6I	9/8/92	16.26	12.84	3.42
MW-6I	11/5/92	16.26	12.75	3.51
MW-6I	12/14/92	16.26	12.40	3.86
MW-6I	1/28/93	16.26	12.20	4.06
MW-6I	2/11/93	16.26	12.40	3.86
MW-6I	3/9/93	16.26	12.45	3.81
MW-6I	4/14/93	16.26	12.43	3.83
MW-6I	5/11/93	16.26	12.73	3.53
MW-6I	6/17/93	16.26	12.78	3.48
MW-6I	7/26/93	16.26	12.92	3.34
MW-6I	8/10/93	16.26	12.97	3.29
MW-6I	9/21/93	16.26	13.02	3.24
MW-6I	10/27/93	16.26	13.10	3.16
MW-6I	11/23/93	16.26	13.02	3.24
MW-6I	12/17/93	16.26	12.65	3.61
MW-6I	2/16/94	16.26	12.66	3.60
MW-6I	5/31/94	16.26	12.90	3.36
MW-6I	8/30/94	16.26	13.06	3.20
MW-6I	11/11/94	16.26	15.20	1.06
MW-6I	2/27/95	16.26	12.51	3.75
MW-6I	5/30/95	16.26	12.57	3.69
MW-6I	8/30/95	16.26	12.86	3.40
MW-6I	10/25/95	16.26	12.92	3.34
MW-6I	2/24/96	16.26	11.97	4.29
MW-6I	4/22/96	16.26	12.35	3.91

Table 1
Groundwater Elevation Data
2225 Telegraph Avenue, Oakland, CA

Well Number	Date Gauged	Top of Casing Elevation (feet)	Depth to Water (feet, TOC)	Elevation of Groundwater (feet)
MW-6I	11/26/96	16.26	12.45	3.81
MW-6I	2/27/97	16.26	12.24	4.02
RW-1	2/25/92	16.79	14.40	2.39
RW-1	3/25/92	16.79	NA	NA
RW-1	6/16/92	16.79	12.37	4.42
RW-1	9/8/92 - 5/31/94	16.79	Not Monitored	
RW-1	8/30/94 - 4/22/96	16.79	Not Monitored	
RW-1	11/26/96	16.79	Not Monitored	
RW-1	2/27/97	16.79	Not Monitored	
RW-2 (formerly MW-6D)	2/25/92	17.02	16.27	0.75
RW-2 (formerly MW-6D)	3/25/92	17.02	Not Monitored	
RW-2 (formerly MW-6D)	6/16/92	17.02	12.86	4.16
RW-2 (formerly MW-6D)	9/8/92 - 5/31/94	17.02	Not Monitored	
RW-2 (formerly MW-6D)	8/30/94	17.02	Not Monitored	
RW-2 (formerly MW-6D)	11/11/94 - 4/22/96	17.02	Not Monitored	
RW-2 (formerly MW-6D)	11/26/96	17.02	Not Monitored	
RW-2 (formerly MW-6D)	2/27/97	17.02	Not Monitored	
RW-3 (formerly MW-6C)	8/30/94	18.04	Not Monitored	
RW-3 (formerly MW-6C)	11/11/94 - 4/22/96	18.04	Not Monitored	
RW-3 (formerly MW-6C)	11/26/96	18.04	Not Monitored	
RW-3 (formerly MW-6C)	2/27/97	18.04	Not Monitored	
Elevation 17.68 @ intersection of Telegraph & 23rd St. jobsite				
NA = Not Available				

Table 2
Groundwater Analytical Data
2225 Telegraph Avenue, Oakland, CA

Well	Date	TPH as gasoline	Benzene	Toluene	Ethyl- benzene	Xylenes	MTBE
Number	Sampled	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
MW-6A		Well Destroyed					
MW-6B	3/25/92	190	31	8.6	84	8.6	NA
MW-6B	6/16/92	1,700	44	1.7	7.2	230	NA
MW-6B	9/8/92	2,900	35	8.3	110	330	NA
MW-6B	11/5/92	1,400	29	<0.5	75	190	NA
MW-6B	2/11/93	210	1.2	<0.5	2.8	4.3	NA
MW-6B	5/11/93	570	54	2.4	37	36	NA
MW-6B	8/10/93	1,300	48	2.4	28	44	NA
MW-6B	10/27/93	1,300	23	1.7	25	250	NA
MW-6B	2/16/94	300	16	<0.5	3.5	2.4	NA
MW-6B	5/31/94	690	21	3.9	11	36	NA
MW-6B	8/30/94	260	4	0.62	0.82	4	NA
MW-6B	11/11/94	300	60	2	1.2	2.4	NA
MW-6B	2/27/95	180	28	2.6	0.65	1.6	NA
MW-6B	5/30/95	200	23	3.6	0.88	2.3	NA
MW-6B	8/30/95	120	3.8	3.6	0.61	0.69	42
MW-6B	10/25/95	91	1.7	<0.5	<0.5	0.84	NA
MW-6B	2/24/96	110	27	0.86	0.98	1.8	NA
MW-6B	4/22/96	<50	2.3	<0.5	<0.5	<0.5	<30
MW-6B	8/13/96	210	4.3	0.70	<0.5	1.1	<30
MW-6B	11/26/96	<50	<0.5	<0.5	<0.5	<0.5	<30
MW-6B	2/27/97	<50	<0.5	<0.5	<0.5	0.80	<30
MW-6E	3/25/92	830	41	1	3.8	16	NA
MW-6E	6/16/92	3,400	300	23	68	510	NA
MW-6E	9/8/92	480	27	<0.5	3.6	21	NA
MW-6E	11/5/92	Not Sampled					
MW-6E	2/11/93	270	15	<0.5	<0.5	8.7	NA
MW-6E	5/11/93	<50	2.3	<0.5	1.4	3.2	NA
MW-6E	8/10/93	1,700	130	2.7	23	140	NA
MW-6E	10/27/93	100	6	<0.5	<0.5	<0.5	NA
MW-6E	2/16/94	640	45	<0.5	12	15	NA
MW-6E	5/31/94	52	1.5	0.97	<0.5	<0.5	NA
MW-6E	8/30/94	920	22	0.98	5.2	33	NA
MW-6E	11/11/94	910	13	2.4	13	2.5	NA
MW-6E	2/27/95	<50	1.9	1.3	<0.5	0.83	NA
MW-6E	5/30/95	<50	<0.5	<0.5	<0.5	<0.5	NA
MW-6E	8/30/95	1,500	91	2.3	56	59	11
MW-6E	10/25/95	290	7.7	<0.5	5.7	1.7	NA
MW-6E	2/24/96	<50	2.2	0.77	<0.5	0.83	NA
MW-6E	4/22/96	<50	<0.5	<0.5	<0.5	<0.5	<30
MW-6E	8/13/96	420	47	1.9	8.1	26	<30
MW-6E	11/26/96	<50	1.1	<0.5	<0.5	<0.5	<30
MW-6E	2/27/97	<50	<0.5	<0.5	<0.5	<0.5	<30

Table 2
Groundwater Analytical Data
2225 Telegraph Avenue, Oakland, CA

Well Number	Date Sampled	TPH as gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Xylenes (ppb)	MTBE (ppb)
MW-6F	3/25/92	ND	ND	<0.5	<0.5	<0.5	NA
MW-6F	6/16/92	ND	ND	<0.5	<0.5	<0.5	NA
MW-6F	9/8/92	<50	<0.5	<0.5	<0.5	<0.5	NA
MW-6F	11/5/92	<50	<0.5	<0.5	<0.5	<0.5	NA
MW-6F	2/11/93	<50	<0.5	<0.5	<0.5	<0.5	NA
MW-6F	5/11/93	<50	<0.5	<0.5	<0.5	<0.5	NA
MW-6F	8/10/93	Not Sampled					NA
MW-6F	10/27/93	<50	<0.5	<0.5	<0.5	<0.5	NA
MW-6F	2/16/94	<50	<0.5	<0.5	<0.5	<0.5	NA
MW-6F	5/31/94	<50	<0.5	<0.5	<0.5	<0.5	NA
MW-6F	8/30/94	<50	<0.5	<0.5	<0.5	<0.5	NA
MW-6F	11/11/94	<50	<0.5	0.54	<0.5	<0.5	NA
MW-6F	2/27/95	<50	6.2	3.0	0.82	3.5	NA
MW-6F	5/30/95	<50	<0.5	<0.5	<0.5	<0.5	NA
MW-6F	8/30/95	<50	<0.5	<0.5	<0.5	<0.5	<10
MW-6F	10/25/95	<50	<0.5	<0.5	<0.5	<0.5	NA
MW-6F	2/24/96	Not Sampled					
MW-6F	4/22/96	<50	<0.5	<0.5	<0.5	<0.5	<30
MW-6F	8/13/96	Not Sampled					
MW-6F	11/26/96	<50	<0.5	<0.5	<0.5	<0.5	<30
MW-6F	2/27/97	Not Sampled					
MW-6G	3/25/92	ND	ND	<0.5	<0.5	<0.5	NA
MW-6G	6/16/92	ND	ND	<0.5	<0.5	<0.5	NA
MW-6G	9/8/92	<50	<0.5	<0.5	<0.5	<0.5	NA
MW-6G	11/5/92	<50	<0.5	<0.5	<0.5	<0.5	NA
MW-6G	2/11/93	<50	<0.5	<0.5	<0.5	<0.5	NA
MW-6G	5/11/93	<50	<0.5	<0.5	<0.5	<0.5	NA
MW-6G	8/10/93	<50	<0.5	<0.5	<0.5	<0.5	NA
MW-6G	10/27/93	<50	<0.5	<0.5	<0.5	<0.5	NA
MW-6G	2/16/94	<50	<0.5	<0.5	<0.5	<0.5	NA
MW-6G	5/31/94	<50	<0.5	<0.5	<0.5	<0.5	NA
MW-6G	8/30/94	<50	<0.5	<0.5	<0.5	<0.5	NA
MW-6G	11/11/94	58	0.58	1.6	<0.5	1.6	NA
MW-6G	2/27/95	<50	0.86	0.99	<0.5	0.51	NA
MW-6G	5/30/95	<50	<0.5	<0.5	<0.5	<0.5	NA
MW-6G	8/30/95	<50	<0.5	<0.5	<0.5	<0.5	<10
MW-6G	10/25/95	<50	<0.5	<0.5	<0.5	<0.5	NA
MW-6G	2/24/96	Not Sampled					
MW-6G	4/22/96	<50	<0.5	<0.5	<0.5	<0.5	<30
MW-6G	8/13/96	Not Sampled					
MW-6G	11/26/96	<50	<0.5	<0.5	<0.5	<0.5	<30
MW-6G	2/27/97	Not Sampled					
MW-6H	3/25/92	920	170	52	25	54	NA
MW-6H	6/16/92	460	31	11	6.8	16	NA

Table 2
Groundwater Analytical Data
2225 Telegraph Avenue, Oakland, CA

Well	Date	TPH as	Benzene	Toluene	Ethyl-	Xylenes	MTBE
Number	Sampled	gasoline	(ppb)	(ppb)	benzene	(ppb)	(ppb)
		(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
MW-6H	9/8/92	780	69	23	17	18	NA
MW-6H	11/5/92	3,400	500	260	85	160	NA
MW-6H	2/11/93	2,500	410	170	28	130	NA
MW-6H	5/11/93	4,200	490	270	80	210	NA
MW-6H	8/10/93	650	83	22	14	29	NA
MW-6H	10/27/93	1,600	130	90	29	130	NA
MW-6H	2/16/94	<50	<0.5	<0.5	<0.5	2.9	NA
MW-6H	5/31/94	1,800	370	220	65	210	NA
MW-6H	8/30/94	1,900	130	90	19	86	NA
MW-6H	11/11/94	13,000	1,700	1,400	260	1,800	NA
MW-6H	2/27/95	320	450	120	28	79	NA
MW-6H	5/30/95	2,300	960	260	64	200	NA
MW-6H	8/30/95	2,100	590	35	24	74	50
MW-6H	10/25/95	1,400	93	23	11	80	NA
MW-6H	2/24/96	2,000	810	92	25	78	NA
MW-6H	4/22/96	3,200	1,200	160	38	200	<30
MW-6H	8/13/96	930	110	21	4.2	81	77
MW-6H	11/26/96	1,200	320	110	22	85	<30
MW-6H	2/27/97	1,800	780	31	8.4	44	<200
MW-6I	3/25/92	ND	ND	<0.5	<0.5	<0.5	NA
MW-6I	6/16/92	ND	ND	<0.5	<0.5	<0.5	NA
MW-6I	9/8/92	<50	<0.5	<0.5	<0.5	<0.5	NA
MW-6I	11/5/92	<50	<0.5	<0.5	<0.5	<0.5	NA
MW-6I	2/11/93	<50	<0.5	<0.5	<0.5	<0.5	NA
MW-6I	5/11/93	<50	<0.5	<0.5	<0.5	<0.5	NA
MW-6I	8/10/93	<50	<0.5	<0.5	<0.5	<0.5	NA
MW-6I	10/27/93	<50	<0.5	<0.5	<0.5	1.1	NA
MW-6I	2/16/94	<50	<0.5	<0.5	<0.5	<0.5	NA
MW-6I	5/31/94	<50	<0.5	<0.5	<0.5	<0.5	NA
MW-6I	8/30/94	<50	<0.5	<0.5	<0.5	<0.5	NA
MW-6I	11/11/94	53	0.62	1.8	<0.5	2.0	NA
MW-6I	2/27/95	<50	<0.5	<0.5	<0.5	<0.5	NA
MW-6I	5/30/95	69	2.8	0.96	1.1	4.3	NA
MW-6I	8/30/95	<50	<0.5	<0.5	<0.5	<0.5	<10
MW-6I	10/25/95	<50	<0.5	<0.5	<0.5	<0.5	NA
MW-6I	2/24/96	<50	<0.5	<0.5	<0.5	<0.5	NA
MW-6I	4/22/96	<50	<0.5	<0.5	<0.5	<0.5	<30
MW-6I	8/13/96	<50	<0.5	<0.5	<0.5	<0.5	<30
MW-6I	11/26/96	<50	<0.5	<0.5	<0.5	<0.5	<30
MW-6I	2/27/97	<50	<0.5	<0.5	<0.5	<0.5	<30

Table 2
Groundwater Analytical Data
2225 Telegraph Avenue, Oakland, CA

Well Number	Date Sampled	TPH as gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Xylenes (ppb)	MTBE (ppb)
RW-1	6/16/92	6,200	620	1,400	240	1,400	NA
RW-1	9/8/92 - 2/27/97	Not Sampled					
RW-2	3/25/92	NA	NA	NA	NA	NA	NA
RW-2	6/16/92	28,000	2,900	1,000	120	2,700	NA
RW-2	9/8/92 - 2/27/97	Not Sampled					
RW-3	8/30/94 - 2/27/97	Not Sampled					
ppb = parts per billion							
TPHg = Total Petroleum Hydrocarbons as gasoline							
< = Less than the detection limit for the specified method of analysis							
NA = Not Analyzed							
ND = Not detectable at or above method detection limit							
MTBE = Methyl-tert-butylether							

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

LOG NO: G97-02-732

Received: 28 FEB 97

Mailed: **MAR 11 1997**

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

Purchase Order: 94-1446346+4370

Requisition: 624880195
Project: FKEP9036L

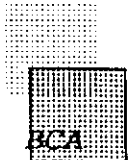
REPORT OF ANALYTICAL RESULTS

Page 1

AQUEOUS

SAMPLE DESCRIPTION	DATE SAMPLED	TPH/BTEX (CADHS/8020)	ANALYTICAL DATA									
			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	
RDL				1	50	0.5	0.5	0.5	0.5	30	0.5	
1*MW-6B	02/27/97	03/05/97		1	<50	<0.5	<0.5	<0.5	<0.5	<30	0.80	C6-C12
2*MW-6E	02/27/97	03/06/97		1	<50	<0.5	<0.5	<0.5	<0.5	<30	<0.5	C6-C12
3*MW-6H	02/27/97	03/05/97		5	1800	760	31	8.4	<200	44		C6-C12
4*MW-6I	02/27/97	03/05/97		1	<50	<0.5	<0.5	<0.5	<0.5	<30	<0.5	C6-C12

Karen Petryna
2225 Telegraph Ave., Oakland
Alameda County



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

LOG NO: G97-02-732

Received: 28 FEB 97

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

Purchase Order: 94-1446346+4370

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 Project: FKEP9036L

REPORT OF ANALYTICAL RESULTS

Page 2

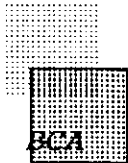
AQUEOUS

SAMPLE DESCRIPTION	DATE SAMPLED	TPH/BTEX (CADHS/8020)	Date Analyzed Date	Dilution Factor Times	TPH-g	Benzene	Toluene	Ethyl-Benzene	Methyl-tert-butylether	Total Xylenes Isomers	Carbon Range
					ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	.
RDL				1	50	0.5	0.5	0.5	30	0.5	
5*EB	02/27/97	03/07/97		1	<50	<0.5	0.53	<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.

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: ORDER PLACED FOR CLIENT: Texaco Environmental Services 9702732 :
: BC ANALYTICAL : GLEN LAB : 11:20:15 11 MAR 1997 - P. 1 :
=====

SAMPLES...	SAMPLE DESCRIPTION..	DETERM.....	DATE.....	METHOD.....	EQUIP.	BATCH..	ID.NO
9702732*1	MW-6B	GAS.MTBE.TESNC DATA.REVIEW	03.05.97 03.11.97	8015M.TX	536-21	976003	8866 7524
9702732*2	MW-6E	GAS.MTBE.TESNC DATA.REVIEW	03.06.97 03.10.97	8015M.TX	536-26	976004	8866 7524
9702732*3	MW-6H	GAS.MTBE.TESNC DATA.REVIEW	03.05.97 03.10.97	8015M.TX	536-21	976003	8866 7524
9702732*4	MW-6I	GAS.MTBE.TESNC DATA.REVIEW	03.05.97 03.10.97	8015M.TX	536-21	976003	8866 7524
9702732*5	EB	GAS.MTBE.TESNC	03.07.97	8015M.TX	536-21	976005	8866

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

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

AQUEOUS SAMPLES	METHOD BLANK				LAB CONTROL							MATRIX QC										
	UNITS	RESULT	RDL	FLG	LCS %REC	FLG	LCS %REC	FLG	LCL	UCL	RPD	UCL	FLG	MS %REC	FLG	MSD %REC	FLG	LCL	UCL	RPD	UCL	FLG
Batch: GAS*976003 Method: 8015M.TX - Modified 8015																						
Benzene	ug/L	0	0.5	-	102	-	-	-	76	155	-	-	-	124	-	121	-	70	153	2	25	-
Toluene	ug/L	0	0.5	-	102	-	-	-	72	121	-	-	-	90	-	89	-	69	119	1	25	-
Ethylbenzene	ug/L	0.146	0.5	-	102	-	-	-	72	115	-	-	-	94	-	93	-	68	116	1	25	-
Methyl-tert-butylether	ug/L	0	30	-	82	-	-	-	62	159	-	-	-	109	-	118	-	80	176	8	25	-
Total Xylene Isomers	ug/L	0	0.5	-	105	-	-	-	68	115	-	-	-	93	-	91	-	61	118	3	25	-
TPH (Gasoline Range)	ug/L	10	50	-	110	-	-	-	85	120	-	-	-	110	-	104	-	78	124	6	25	-
[a,a,a-Trifluorotoluene]	Percent	106	-	-	110	-	-	-	85	118	-	-	-	99	-	97	-	85	118	-	-	-
Batch: GAS*976004 Method: 8015M.TX - Modified 8015																						
Benzene	ug/L	0.12	0.5	-	97	-	-	-	76	155	-	-	-	122	-	122	-	70	153	1	25	-
Toluene	ug/L	0.35	0.5	-	98	-	-	-	72	121	-	-	-	89	-	90	-	69	119	1	25	-
Ethylbenzene	ug/L	0	0.5	-	97	-	-	-	72	115	-	-	-	93	-	92	-	68	116	1	25	-
Methyl-tert-butylether	ug/L	0	30	-	112	-	-	-	62	159	-	-	-	131	-	114	-	80	176	14	25	-
Total Xylene Isomers	ug/L	0.26	0.5	-	98	-	-	-	68	115	-	-	-	93	-	92	-	61	118	1	25	-
TPH (Gasoline Range)	ug/L	0	50	-	108	-	-	-	85	120	-	-	-	95	-	100	-	78	124	5	25	-
[a,a,a-Trifluorotoluene]	Percent	96	-	-	105	-	-	-	85	118	-	-	-	92	-	99	-	85	118	-	-	-
Batch: GAS*976005 Method: 8015M.TX - Modified 8015																						
Benzene	ug/L	0	0.5	-	97	-	-	-	76	155	-	-	-	128	-	128	-	70	153	1	25	-
Toluene	ug/L	0	0.5	-	96	-	-	-	72	121	-	-	-	95	-	94	-	69	119	1	25	-
Ethylbenzene	ug/L	0	0.5	-	96	-	-	-	72	115	-	-	-	101	-	102	-	68	116	0	25	-
Methyl-tert-butylether	ug/L	0	30	-	116	-	-	-	62	159	-	-	-	119	-	117	-	80	176	1	25	-
Total Xylene Isomers	ug/L	0	0.5	-	99	-	-	-	68	115	-	-	-	99	-	97	-	61	118	2	25	-
TPH (Gasoline Range)	ug/L	0	50	-	108	-	-	-	85	120	-	-	-	111	-	116	-	78	124	5	25	-
[a,a,a-Trifluorotoluene]	Percent	112	-	-	99	-	-	-	85	118	-	-	-	95	-	101	-	85	118	-	-	-

: SURROGATE RECOVERIES :
: BC ANALYTICAL : GLEN LAB : 11:21:01 11 MAR 1997 - P. 1 :
=====

METHOD	ANALYTE	BATCH	ANALYZED	REPORTED	TRUE	%REC	FLAG
9702732*1							
8015M.TXa	,a,a-Trifluorotoluene	Re976003	03/05/97	49.6	50.0	99	
9702732*2							
8015M.TXa	,a,a-Trifluorotoluene	Re976004	03/06/97	49.5	50.0	99	
9702732*3							
8015M.TXa	,a,a-Trifluorotoluene	Re976003	03/05/97	282	250	113	
9702732*4							
8015M.TXa	,a,a-Trifluorotoluene	Re976003	03/05/97	49.8	50.0	100	
9702732*5							
8015M.TXa	,a,a-Trifluorotoluene	Re976005	03/07/97	50.6	50.0	101	

697-02-732

Chain-of-Custody

Page ___ of ___

Toxaco Environmental Services
 108 Cutting Boulevard
 Richmond, California 94004
 Phone: (510) 230-3541
 FAX: (510) 237-7021
 Forward Results to the Attention of Rebecca Digerness
 Toxaco Project Coordinator Karen Petryna

Site Name: Texaco Loc# 624880195
 Site Address: 2225 Telegraph Ave., Oakland, CA
 Contractor Project Number: 970226W1
 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): Ken Weddinsfeld
 Sampler Signature: [Signature]
 Date Samples Collected: 2/27/97

ANALYSIS

KEP
 624880195
 FKEP 90361
 Alameda

Sample Number	Lab Sample Number	Date/Time Collected	No. of Containers	Type of Container	Sample Matrix	Preservative	TPH gas/STEX / MTBE	TPH Diesel	O&G/TRPH (<18.1)	TPH Ex. (C8-C36 +)	VOCs 8240/624	P. Halocarbons 8010/60	P. Aromatics 8020/602	Organic Lead	Comments
WM-6B		10:55 AM 2/27/97	3	UQA	W	HCC	X								
WM-6E		11:15 ↓	↓	↓	↓	↓	X								
WM-6H		11:41 ↓	↓	↓	↓	↓	X								
WM-6I		10:23 ↓	↓	↓	↓	↓	X								
EB		10:55 ↓	↓	↓	↓	↓	X								

Relinquished by: [Signature] Date: 2/27/97 Time: 17:30
 Relinquished by: [Signature] Date: 2-28-97 Time: 3:00
 Relinquished by: _____ Date: _____ Time: _____

Received by: [Signature] Date: 2-28-97 Time: 1:45
 Received by: [Signature] Date: 2/28/97 Time: 3:30
 Received by: _____ Date: _____ Time: _____

Method of Shipment: _____

Lab Comments: _____

2225 Telegraph Ave., Oakland

Well Gauging Data

Project Name: 970227 w1
Project Number: 624880195

Date: 2/26/97
Recorded By: Ken Weddington

Well ID	TOC Elev.	DTB (ft. TOC)	Well Dia. (in.)	DTP (ft.)	DTW (ft.)	PT (ft.)	Comments
wm-6B		18.17	2		11.73		
wm-6E		19.52	4		12.28		
wm-6H		19.54	4		11.58		
wm-6I		19.35	4		12.24		

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 #: 970227 U1	Texaco ID#: 624880195
Sampler: 1x wellbore	Date: 2/27/97
Well I.D.: MW-6B	Well Diameter: (2) 3 4 6 8
Total Well Depth: 18.24	Depth to Water: 11.73
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 Sampling Method: S.S. Bailer [?]
 Teflon Bailer ✓ Teflon Bailer ✓
 Middleburg Extraction Port
 Electric Submersible Other: _____
 Extraction Pump
 Other: _____

1.1	x	3	=	3.3	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
10:40	61.6	6.8	1000	7200	1.1	
10:43	62.4	6.6	1000	7200	2.2	
10:48	62.2	6.6	1000	7200	3.5	

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Gallons actually evacuated: 3.5
Sampling Time: 10:55	Sampling Date: 2/27/97
Sample I.D.: MW 6B	Laboratory: BC Analytical
Analyzed for: <input checked="" type="radio"/> Tph-G <input checked="" type="radio"/> BTEX <input type="radio"/> Tph-D	Other: MTBI SAB
Equipment Blank I.D.: EB	Analyzed for same as primary sample

TEXACO WELL MONITORING DATA SHEET

Project #: <u>970226 w1</u>	Texaco ID#: <u>624880195</u>
Sampler: <u>Ken Weidinger</u>	Date: <u>2/27/97</u>
Well I.D.: <u>MW-GE</u>	Well Diameter: 2 3 <u>(4)</u> 6 8 <u> </u>
Total Well Depth: <u>19.57</u>	Depth to Water: <u>12.28</u>
Depth to Free Product: <u> </u>	Thickness of Free Product: <u> </u>
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 <input checked="" type="checkbox"/> Extraction Pump Other: <u> </u>	Sampling Method: S.S. Bailer <input checked="" type="checkbox"/> Teflon Bailer Extraction Port Other: <u> </u>
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5.0 <u>5.3</u>	\times	<u>3</u>	$=$	<u>15.9</u> Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
<u>11:06</u>	<u>60.4</u>	<u>6.6</u>	<u>7.20</u>	<u>78</u>	<u>5.3</u>	
<u>11:08</u>	<u>59.6</u>	<u>6.6</u>	<u>6.80</u>	<u>24</u>	<u>10.6</u>	
<u>11:11</u>	<u>60.6</u>	<u>6.6</u>	<u>6.40</u>	<u>10</u>	<u>16.0</u>	

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: <u>16.0</u>
Sampling Time: <u>11:15</u>	Sampling Date: <u>2/27/97</u>
Sample I.D.: <u>MW-GE</u>	Laboratory: <u>BC Analytical</u>
Analyzed for: <input checked="" type="checkbox"/> Tph-G <input checked="" type="checkbox"/> BTEX <input type="checkbox"/> Tph-D	Other: <u>M T B E</u>
Equipment Blank I.D.: <u>EB</u>	Analyzed for same as primary sample

TEXACO WELL MONITORING DATA SHEET

Project #: 97022701	Texaco ID#: 624880195
Sampler: Key welling felm	Date: 2/27/97
Well I.D.: MW-6H	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 19.54	Depth to Water: 11.58
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 Sampling Method: S.S. Bailer ✓
 Teflon Bailer Teflon Bailer
 Middleburg Extraction Port
 Electric Submersible ✓ Other: _____
 Extraction Pump

Other: _____

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

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
11:32	61.2	6.8	640	12	8	
11:34	63.0	6.8	640	20	16	
11:37	64.2	6.5	1600	22	25	

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Gallons actually evacuated: 25.6
Sampling Time: 11:41	Sampling Date: 2/27/97
Sample I.D.: MW 6H	Laboratory: BC Analytical
Analyzed for: Tph-G BTEX PHEN	Other: MT BE
Equipment Blank I.D.:	Analyzed for same as primary sample

TEXACO WELL MONITORING DATA SHEET

Project #: 920222 W1	Texaco ID#: 624880195
Sampler: Ken Weddington	Date: 2/26/97
Well I.D.: W M 6 I	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 19.35	Depth to Water: 12.24
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 Sampling Method: S.S. Bailer
 Teflon Bailer Teflon Bailer
 Middleburg Extraction Port
 Electric Submersible Other: _____
 Extraction Pump

Other: _____

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

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
10:06	61.8	6.6	8.4	19	4.7	
10:10	60.2	6.4	7.4	16.4	9.4	
10:14	61.8	6.6	8.6	35	15.0	

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: 15.0
Sampling Time: 10:23	Sampling Date: 2/27/97
Sample I.D.: W M 6 I	Laboratory: <u>BC Analytical</u>
Analyzed for: <input checked="" type="checkbox"/> Tph-Q <input checked="" type="checkbox"/> BTEX Tph-D	Other: MTBE
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: 985 Timothy Drive
 City, State, ZIP: San Jose, CA 95133
 Phone: (408) 995-5535

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 #: 624660195
 Address: 2225 Telegraph Road
 City, State, ZIP: Oakland, CA

Well I.D.	Gals.	Well I.D.	Gals.
<u>mw6-13</u>	<u>1</u>	<u>1</u>	<u>1</u>
<u>mw6E1</u>	<u>1</u>	<u>1</u>	<u>1</u>
<u>mw6H1</u>	<u>1</u>	<u>1</u>	<u>1</u>
<u>mw6I1</u>	<u>1</u>	<u>1</u>	<u>1</u>
<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>
<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>
<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>
<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>
<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>
<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>

Total gals. 60.0 added rinse water 5.0
 Total Gals. Recovered 65.00

Job #: 97022701
 Date: 2/27/97
 Time: 11:58
 Signature: [Signature]

REC'D AT: BTS
 Date: 2/27/97
 Time: 16:30
 Signature: [Signature]

QUARTERLY SUMMARY REPORT
Former Texaco/Current Exxon Service Station
2225 Telegraph Avenue, Oakland, California
Alameda County
First Quarter 1997

HISTORY OF INVESTIGATIVE AND REMEDIAL ACTIONS

A preliminary subsurface investigation and a sensitive receptor survey were conducted in May, 1988. Nine shallow monitoring wells (MW-6A through MW-6I) were installed on site and seven soil borings were drilled near the pump islands and underground fuel storage tanks. Two vapor extraction wells were installed in the tank pit backfill, and an additional vapor extraction well (VE-3) was installed on site. Soil boring B-3 was converted to recovery well RW-1. Two of the on-site monitoring wells (MW-6C and MW-6D) were also converted to groundwater recovery wells (RW-3 and RW-2, respectively) when the groundwater treatment system was installed in 1990. The underground fuel storage tanks, lines, and dispensers were replaced in late 1991. RW-3 was destroyed in 1991 and replaced in 1992 with RW-3A. MW-6A was destroyed in 1992 because it was damaged. A soil vapor extraction system was installed in November 1995 and is currently operating (with carbon canisters for abatement).

WORK PERFORMED DURING THIS QUARTER

Ground water monitoring and sampling was performed. The vapor extraction system continues to operate.

CHARACTERIZATION STATUS

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

GROUND WATER: The extent of dissolved hydrocarbons in ground water is partially delineated.

REMEDIATION STATUS

A vapor extraction system is currently operating at the site.

WORK TO BE PERFORMED NEXT QUARTER

Continuation of the quarterly ground water monitoring and sampling program. Continued operation of the vapor extraction system.

SITE CONTACTS

Texaco:	Karen Petryna (510) 236-9139
Exxon:	Michael Faber (510) 246-8754
Site Contact:	Lam Truong, station dealer (510) 832-4000
Lead Agency:	Dale Klettke (510) 567-6880 (ACDEH)