Texaco Refining
and Marketing Inc

April 11, 1996

ENV - STUDIES, SURVEYS, & REPORTS
1127 Lincoln Avenue, Alameda, California
Quarterly Monitoring Report

Ms. Juliet Shin
Alameda County
Hazardous Materials
1131 Harbor Bay Pky
Alameda, CA 94502-6577

Dear Ms. Shin:

This letter presents the results of groundwater monitoring and sampling conducted by Blaine Tech Services, Inc. on February 9, 1996, at the site referenced above (see Plate 1, Site Vicinity Map). The gradient map is shown on Plate 2. 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, along with Texaco's Standard Operating Procedures.

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.
Project Coordinator
Texaco Refining and Marketing, Inc.

REGISTERED PROFESSIONAL ENGINEER
KAREN E. PETRYNA
C55126
CIVIL
STATE OF CALIFORIA

RBD:hs

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Enclosure

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

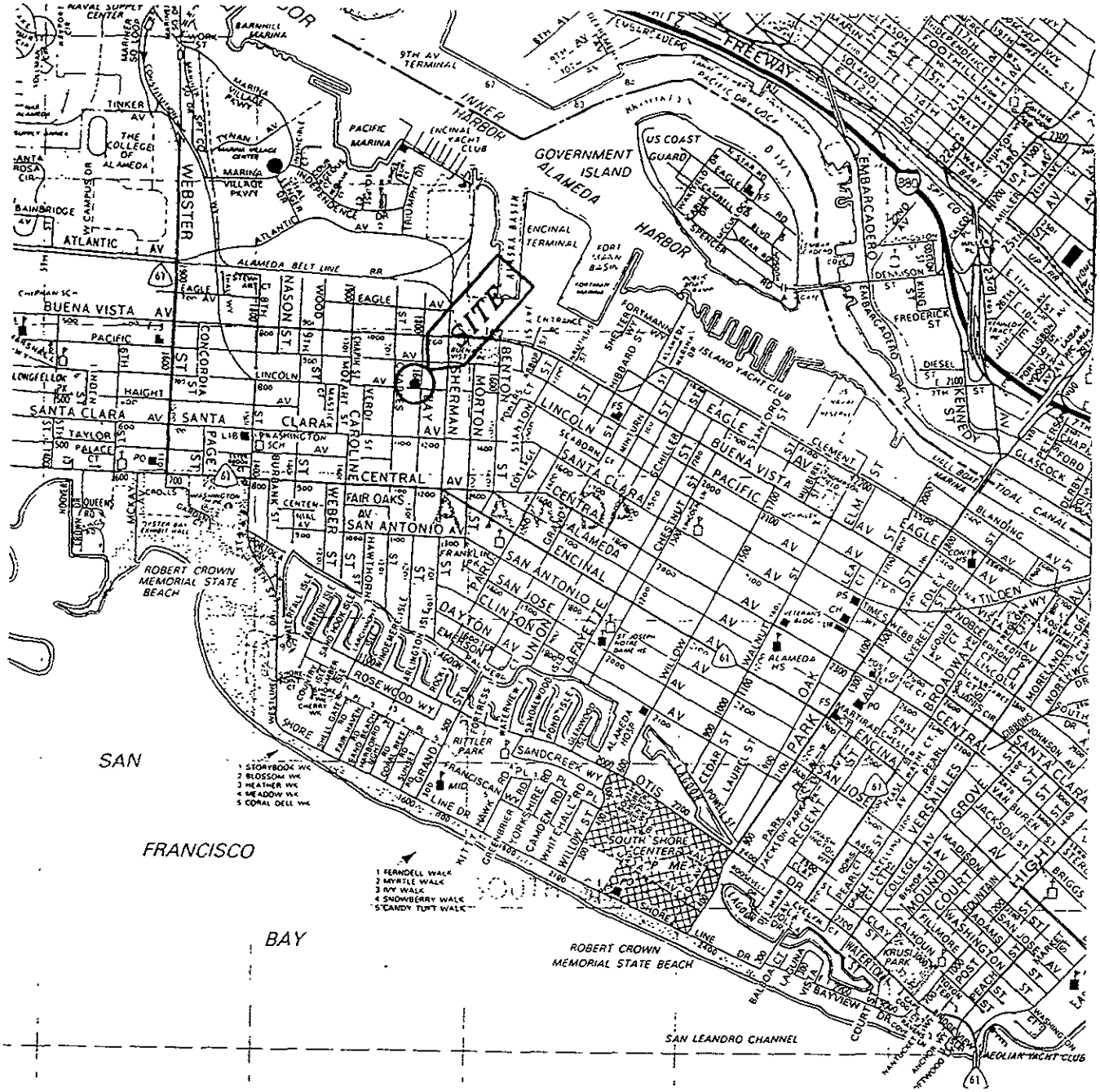
Mr. Leo Pagano
1127 Lincoln Avenue
Alameda, CA 94602

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

RRZielinski (w/o enclosures)RAOFile-UCPFile (w/enclosures)

pr.

GROUNDWATER MONITORING AND SAMPLING
First Quarter, 1996
at the
Former Texaco Service Station
1127 Lincoln Avenue
Alameda, California



SOURCE:

1993 THE THOMAS GUIDE

ALAMEDA COUNTY PAGE [illegible]

TEXACO

PETROLEUM AND MARKETING INC

TEXACO ENVIRONMENTAL SERVICES

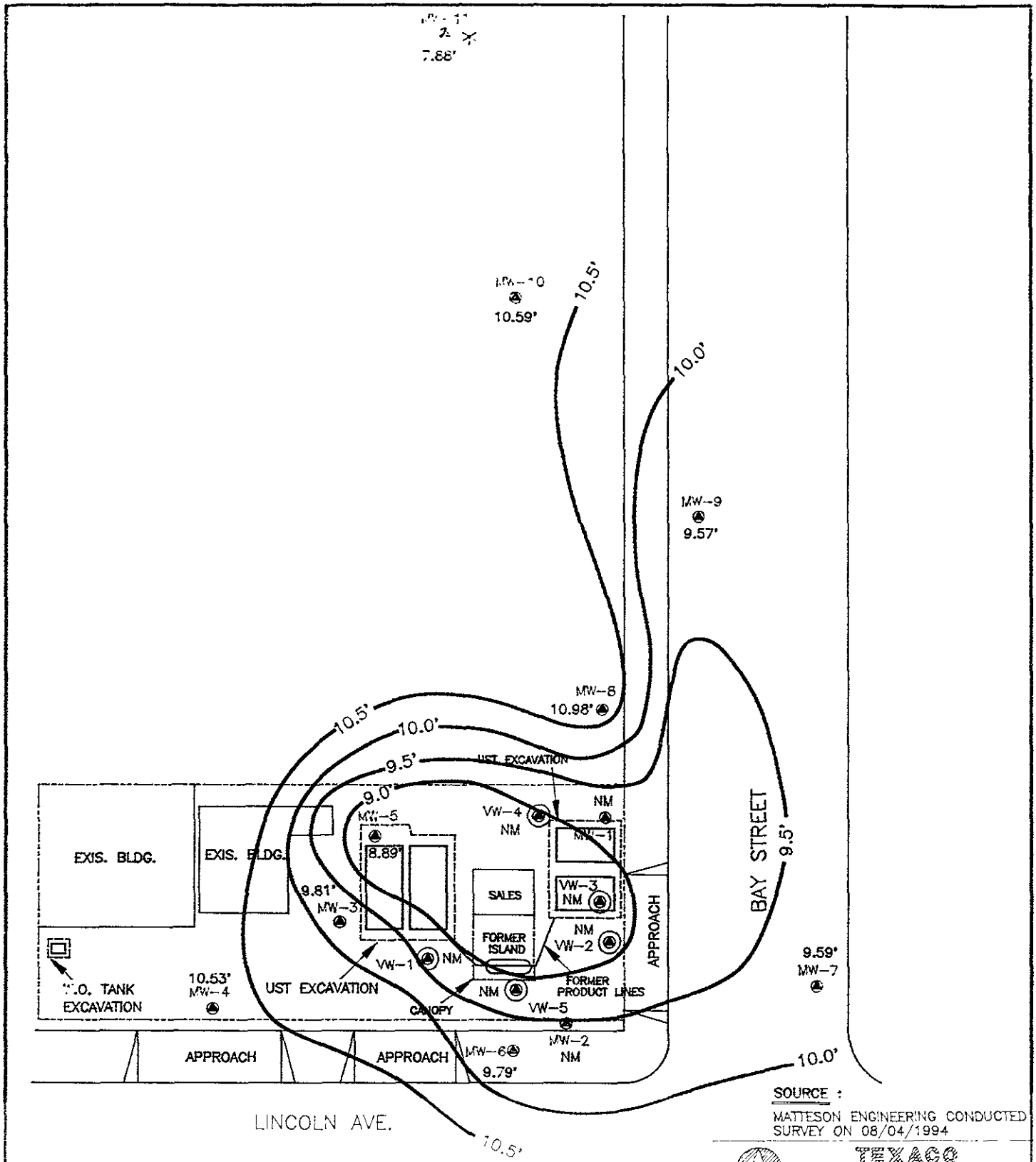
PLATE 1

SITE VICINITY MAP

FORMER TEXACO SERVICE STATION

1125 ATLANTIC AVE [illegible]

ALAMEDA, CALIFORNIA



SOURCE :

MATTESON ENGINEERING CONDUCTED SURVEY ON 08/04/1994

LEGEND :

- MW-1 — MONITORING WELL LOCATION AND WELL NUMBER
- VW-1 — VAPOR EXTRACTION MONITORING WELL LOCATION AND WELL NUMBER
- GROUNDWATER CONTOUR LINE
- 9.81' — GROUNDWATER ELEVATION (ABOVE MSL)
- NM — NOT MEASURED
- ANOMALOUS DATA POINT

0 30

FEET

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TEXACO

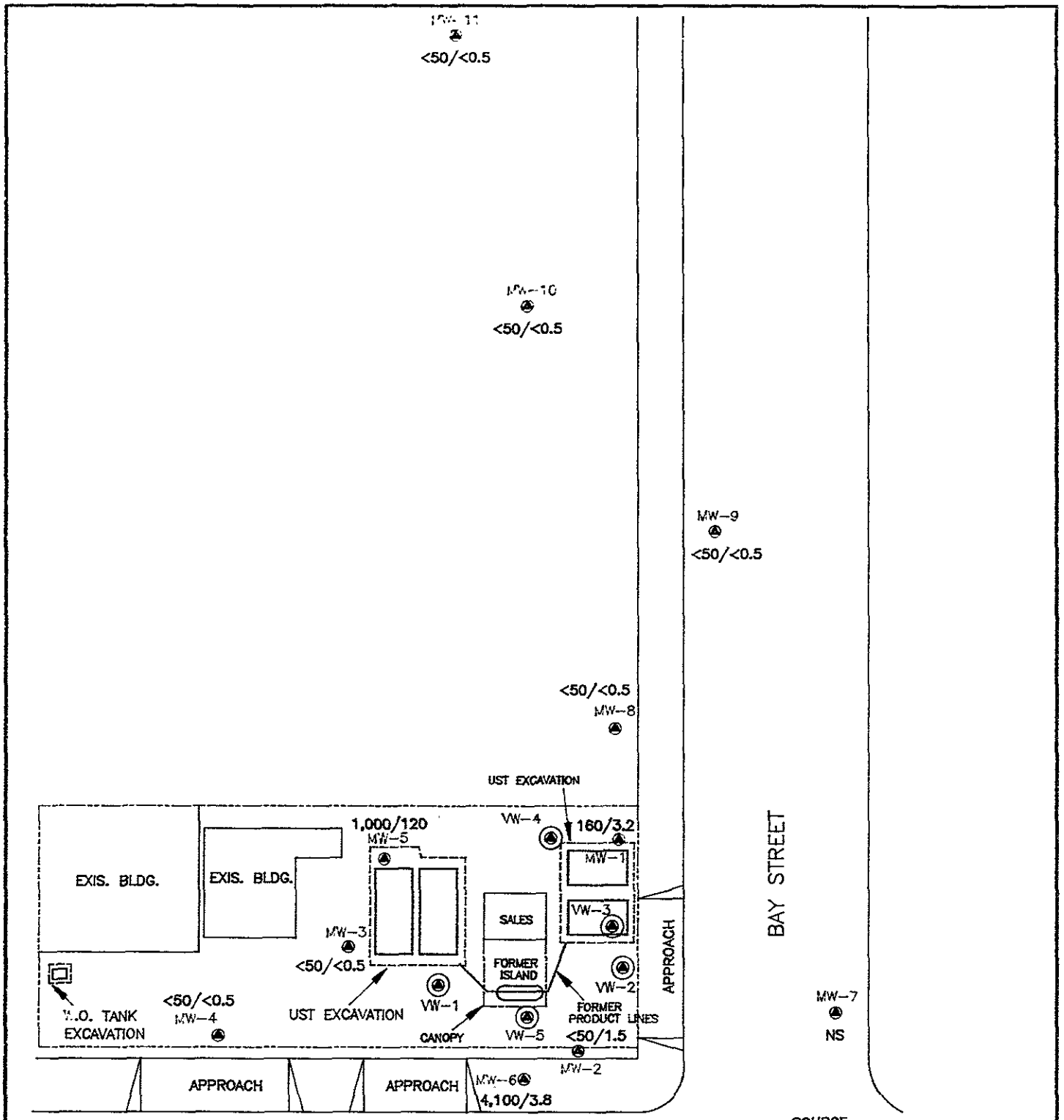
REFINING AND MARKETING INC.
ENVIRONMENT, HEALTH and SAFETY

PLATE 2 : GROUNDWATER GRADIENT MAP
(02/09/1996)

FORMER TEXACO SERVICE STATION

1127 LINCOLN AVE. / BAY ST.,
ALAMEDA, CALIFORNIA

SCALE	1"=30'-0"	LOCATION #	62-488-1450
DRAWN BY	AMA	DATE	04/08/1996
CHECKED BY	REP	DATE	4/11/96
DRAWING NO.	(ALAMEDA) U-BY-AL.DWG		



SOURCE :

MATTESON ENGINEERING CONDUCTED SURVEY ON 08/04/1994

LEGEND :

- MW-1 — MONITORING WELL LOCATION AND WELL NUMBER
- VW-1 — VAPOR EXTRACTION MONITORING WELL LOCATION AND WELL NUMBER
- <50/<0.5 — TPHg/BENZENE CONCENTRATION IN GROUNDWATER (ppb)
- NS — NOT SAMPLED

0 30 FEET

TEXACO

REFINING AND MARKETING INC
ENVIRONMENT, HEALTH and SAFETY

PLATE 3 : TPHg/BENZENE CONCENTRATION IN GROUNDWATER
(02/09/1996)
FORMER TEXACO SERVICE STATION
1127 LINCOLN AVE. / BAY ST.,
ALAMEDA, CALIFORNIA

SCALE	1"=30'-0"	LOCATION #	62-488-1450
DRAWN BY	AMA	DATE	04/08/1996
CHECKED BY	KEP	DATE	4/8/96
DRAWING NO.	(ALAMEDA) U-BY-ALDWG		

Table 1
Groundwater Elevation Data
1127 Lincoln Avenue, Alameda, CA

Well Number	Date Gauged	Top of Casing Elevation (feet, MSL)		Depth to Water (feet, TOC)	Groundwater Elevation (feet, MSL)
MW-1	2/19/92	16.49			
	1/26/93			5.63	10.86
	2/4/93			6.02	10.47
	3/9/93			5.92	10.57
	5/6/93			6.76	9.73
	6/15/93			6.81	9.68
	7/26/93			Inaccessible - VES	
	8/31/93			Inaccessible - VES	
	9/27/93			Inaccessible - VES	
	10/19/93			Inaccessible - VES	
	11/15/93			Inaccessible - VES	
	12/17/93			Inaccessible - VES	
	2/7/94			Inaccessible - VES	
	5/20/94			Inaccessible - VES	
	8/22/94	16.14	*	7.78	8.36
	11/2/94			Inaccessible - VES	
	2/14/95			15.16	0.98
	5/19/95			13.90	2.24
	8/22/95			7.06	9.08
	10/25/95			Inaccessible	
	2/9/96			Inaccessible	
MW-2	2/19/92	17.14			
	1/26/93			6.29	10.85
	2/4/93			6.60	10.54
	3/9/93			6.36	10.78
	5/6/93			6.37	10.77
	6/15/93			7.04	10.10
	7/26/93			Inaccessible - VES	
	8/31/93			Inaccessible - VES	
	9/27/93			Inaccessible - VES	
	10/19/93			Inaccessible - VES	
	11/15/93			Inaccessible - VES	
	12/17/93			Inaccessible - VES	
	2/7/94			Inaccessible - VES	
	5/20/94			Inaccessible - VES	
	8/22/94	16.84	*	8.08	8.76
	11/2/94			Inaccessible - VES	
	2/14/95			Inaccessible - VES	
	5/19/95			11.77	5.07
	8/22/95			7.22	9.62
	10/25/95			12.11	4.73
	2/9/96			Inaccessible	

Table 1
Groundwater Elevation Data
1127 Lincoln Avenue, Alameda, CA

Well Number	Date Gauged	Top of Casing Elevation (feet, MSL)		Depth to Water (feet, TOC)	Groundwater Elevation (feet, MSL)
MW-3	2/19/92	16.91			
	1/26/93			5.82	11.09
	2/4/93			6.01	10.90
	3/9/93			5.88	11.03
	5/6/93			6.38	10.53
	6/15/93			Inaccessible - VES	
	7/26/93			7.22	9.69
	8/31/93			7.87	9.04
	9/27/93			8.58	8.33
	10/19/93			9.13	7.78
	11/15/93			8.84	8.07
	12/17/93			7.80	9.11
	2/7/94			8.43	8.48
	5/20/94			6.79	10.12
	8/22/94	16.86	*	8.32	8.54
	11/2/94			10.98	5.88
	2/14/95			7.93	8.93
	5/19/95			8.44	8.42
	8/22/95			7.54	9.32
	10/25/95			9.03	7.83
	2/9/96			7.05	9.81
MW-4	6/25/92	17.18			
	1/26/93			5.91	11.27
	2/4/93			6.14	11.04
	3/9/93			5.81	11.37
	5/6/93			6.49	10.69
	6/15/93			6.34	10.84
	7/26/93			7.29	9.89
	8/31/93			8.02	9.16
	9/27/93			Inaccessible - Car On Well	
	10/19/93			9.14	8.04
	11/15/93			9.01	8.17
	12/17/93			7.91	9.27
	2/7/94			8.02	9.16
	5/20/94			6.85	10.33
	8/22/94	17.13	*	8.48	8.65
	11/2/94			10 52	6 61
	2/14/95			6 99	10 14
	5/19/95			7 61	9 52
	8/22/95			7 62	9 51
	10/25/95			8 62	8 51
	2/9/96			6 60	10 53

Table 1
Groundwater Elevation Data
1127 Lincoln Avenue, Alameda, CA

Well Number	Date Gauged	Top of Casing Elevation (feet, MSL)		Depth to Water (feet, TOC)	Groundwater Elevation (feet, MSL)
MW-5	6/25/92	16.37			
	1/26/93			Not Monitored	
	2/4/93			Inaccessible	
	3/9/93			5.45	10.92
	5/6/93			6.00	10.37
	6/15/93			7.81	8.56
	7/26/93			Inaccessible - VES	
	8/31/93			Inaccessible - VES	
	9/27/93			Inaccessible - VES	
	10/19/93			Inaccessible - VES	
	11/15/93			Inaccessible - VES	
	12/17/93			Inaccessible - VES	
	2/7/94			Inaccessible - VES	
	5/20/94			Inaccessible - VES	
	8/22/94	15.59	*	7.27	8.32
	11/2/94			Inaccessible - VES	
	2/14/95			Inaccessible - VES	
	5/19/95			11.55	4.04
	8/22/95			6.02	9.57
	10/25/95			11.05	4.54
	2/9/96			6.70	8.89
MW-6	6/25/92	17.12			
	1/26/93			6.63	10.49
	2/4/93			6.48	10.64
	3/9/93			6.68	10.44
	5/6/93			6.93	10.19
	6/15/93			7.00	10.12
	7/26/93			7.25	9.87
	8/31/93			7.83	9.29
	9/27/93			8.38	8.74
	10/19/93			8.76	8.36
	11/15/93			8.65	8.47
	12/17/93			7.78	9.34
	2/7/94			7.90	9.22
	5/20/94			6.95	10.17
	8/22/94	17.05	*	8.17	8.88
	11/2/94			10.56	6.49
	2/14/95			8.08	8.97
	5/19/95			8.51	8.54
	8/22/95			7.50	9.55
	10/25/95			8.61	8.44
	2/9/96			7.26	9.79

Table 1
Groundwater Elevation Data
1127 Lincoln Avenue, Alameda, CA

Well Number	Date Gauged	Top of Casing Elevation (feet, MSL)		Depth to Water (feet, TOC)	Groundwater Elevation (feet, MSL)
MW-7	6/25/92	16.71			
	1/26/93			6.53	10.18
	2/4/93			6.40	10.31
	3/9/93			6.52	10.19
	5/6/93			Inaccessible	
	6/15/93			6.69	10.02
	7/26/93			Inaccessible	
	8/31/93			Inaccessible	
	9/27/93			7.97	8.74
	10/19/93			8.24	8.47
	11/15/93			8.22	8.49
	12/17/94			Inaccessible	
	2/7/94			Inaccessible	
	5/20/94			Inaccessible	
	8/22/94	16.65	*	7.78	8.87
	11/2/94			9.70	6.95
	2/14/95			Inaccessible	
	5/19/95			7.33	9.32
	8/22/95			6.72	9.93
	10/25/95			Inaccessible	
	2/9/96			7.06	9.59
MW-8	6/25/92	15.91			
	1/26/93			5.30	10.61
	2/4/93			5.62	10.29
	3/9/93			5.56	10.35
	5/6/93			5.99	9.92
	6/15/93			6.32	9.59
	7/26/93			6.75	9.16
	8/31/93			7.35	8.56
	9/27/93			7.86	8.05
	10/19/93			8.27	7.64
	11/15/93			8.17	7.74
	12/17/93			7.14	8.77
	2/7/94			7.26	8.65
	5/20/94			6.17	9.74
	8/22/94	15.87	*	7.63	8.24
	11/2/94			10 16	5 71
	2/14/95			7 32	8 55
	5/19/95			7 83	8 04
	8/22/95			6 98	8 89
	10/25/95			8 16	7 71
	2/9/96			4 89	10 98

Table 1
Groundwater Elevation Data
1127 Lincoln Avenue, Alameda, CA

Well Number	Date Gauged	Top of Casing Elevation (feet, MSL)		Depth to Water (feet, TOC)	Groundwater Elevation (feet, MSL)
MW-9	8/22/95	14.44	**	6.00	8.44
	10/25/95			6.71	7.73
	2/9/96			4.87	9.57
MW-10	8/22/95	15.04	**	6.86	8.18
	10/25/95			7.91	7.13
	2/9/96			4.45	10.59
MW-11	8/22/95	10.61	**	5.12	5.49
	10/25/95			Inaccessible	
	2/9/96			2.73	7.88
VW-1	2/19/92	16.83			
	1/26/93 - 2/9/96			Not Monitored	
VW-2	2/19/92	17.00			
	1/26/93 - 2/9/96			Not Monitored	
VW-3	2/19/92	16.94			
	1/26/93 - 2/9/96			Not Monitored	
VW-4	2/19/92	16.81		5.76	11.05
	1/26/93 - 2/9/96			Not Monitored	
VW-5	2/19/92	17.20			
	1/26/93 - 2/9/96			Not Monitored	
MSL = Mean Sea Level					
TOC = Top of Casing					
VES = Vapor Extraction System					
* = Wells resurveyed 8/4/94					
** = Wells surveyed 6/9/95					

Table 2
Groundwater Analytical Data
1127 Lincoln Avenue, Alameda, CA

Well Number	Date Sampled	TPHg (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-Benzene (ppb)	Xylenes (ppb)
MW-1	2/4/93	120	22	3.1	3.3	10
	5/6/93	710	320	3.1	4.2	20
	9/28/93	Not Accessible - Connected to Vapor Extraction System				
	11/15/93	Not Accessible - Connected to Vapor Extraction System				
	2/7/94	Not Accessible - Connected to Vapor Extraction System				
	5/20/94	Not Accessible - Connected to Vapor Extraction System				
	8/22/94	Not Accessible - Connected to Vapor Extraction System				
	11/3/94	<50	<0.5	<0.5	<0.5	<0.5
	2/14/95	350	40	1.6	15	31
	5/19/95	220	35	2.4	7.2	23
	8/22/95	330	44	1.2	14	21
	10/25/95	<50	1.6	<0.5	<0.5	<0.5
	2/9/96	160	3.2	1.5	0.89	2.7
MW-2	2/4/93	430	45	0.5	20	30
	5/6/93	2,000	460	2.4	160	66
	9/28/93	Not Accessible - Connected to Vapor Extraction System				
	11/15/93	Not Accessible - Connected to Vapor Extraction System				
	2/7/94	Not Accessible - Connected to Vapor Extraction System				
	5/20/94	Not Accessible - Connected to Vapor Extraction System				
	8/22/94	Not Accessible - Connected to Vapor Extraction System				
	11/2/94	Not Sampled				
	2/14/95	Not Sampled				
	5/19/95	580	75	19	5.1	30
	8/22/95	1,200	130	8.3	84	86
	10/25/95	350	79	1.2	55	13
	2/9/96	<50	1.5	0.53	1.1	1.5
MW-3	2/4/93	2,900	180	13	210	350
	5/6/93	2,700	270	6.2	300	720
	9/28/93	1,800	92	1.7	99	240
	11/15/93	1,900	100	2.4	85	280
	2/7/94	1,400	69	3.3	100	320
	5/20/94	1,100	64	19	120	180
	8/22/94	77	4.3	<0.5	2.0	5.6
	11/2/94	<50	0.75	<0.5	<0.5	<0.5
	2/14/95	1,300	24	5.2	85	360
	5/19/95	5,300	98	28	650	1,700
	8/22/95	700	4.1	1.1	50	72
	10/25/95	<50	2.4	<0.5	<0.5	1.6
	2/9/96	<50	<0.5	<0.5	<0.5	<0.5

Table 2
Groundwater Analytical Data
1127 Lincoln Avenue, Alameda, CA

Well Number	Date Sampled	TPHg (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-Benzene (ppb)	Xylenes (ppb)
MW-4	2/4/93	<50	<0.5	<0.5	<0.5	<0.5
	5/6/93	<50	1.6	<0.5	1	2.1
	9/28/93	Not Accessible - Auto on Well				
	11/15/93	<50	<0.5	<0.5	<0.5	<0.5
	2/7/94	<50	<0.5	<0.5	<0.5	2.6
	5/20/94	82	6.2	7.6	3.3	17
	8/22/94	<50	<0.5	<0.5	<0.5	<0.5
	11/2/94	<50	<0.5	0.56	<0.5	<0.5
	2/14/95	<50	<0.5	<0.5	<0.5	<0.5
	5/19/95	66	0.77	0.63	0.87	3.6
	8/22/95	<50	<0.5	<0.5	<0.5	<0.5
	10/25/95	<50	<0.5	<0.5	<0.5	<0.5
	2/9/96	<50	<0.5	<0.5	<0.5	<0.5
MW-5	2/4/93	Not Sampled				
	5/6/93	6,200	460	980	300	1,200
	9/28/93	Not Accessible - Connected to Vapor Extraction System				
	11/15/93	Not Accessible - Connected to Vapor Extraction System				
	2/7/94	Not Accessible - Connected to Vapor Extraction System				
	5/20/94	Not Accessible - Connected to Vapor Extraction System				
	8/22/94	Not Accessible - Connected to Vapor Extraction System				
	11/3/94	5,700	800	400	4.7	600
	2/14/95	1,300	290	76	21	140
	5/19/95	600	83	20	5.7	33
	8/22/95	8,100	650	720	54	1,700
	10/25/95	1,500	290	85	15	170
	2/9/96	1,000	120	49	26	130
MW-6	2/4/93	2,300	19	5.4	27	220
	5/6/93	540	44	0.9	7	6.7
	9/28/93	180	2.7	0.73	6.3	13
	11/15/93	180	2.2	0.91	5.4	16
	2/7/94	240	2.9	1.2	3.9	7.1
	5/20/94	600	4.5	2.2	24	66
	8/22/94	400	3.2	1	7.9	40
	11/2/94	150	1.6	1.3	6.5	27
	2/14/95	770	4.0	2.9	42	130
	5/19/95	2,400	69	11	99	350
	8/22/95	190	10	17	52	18
	10/25/95	910	55	33	50	160
	2/9/96	4,100	38	99	60	270

Table 2
Groundwater Analytical Data
1127 Lincoln Avenue, Alameda, CA

Well Number	Date Sampled	TPHg (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-Benzene (ppb)	Xylenes (ppb)
MW-7	2/4/93	<50	<0.5	<0.5	<0.5	<0.5
	5/6/93	Not Sampled				
	9/28/93	<50	<0.5	<0.5	<0.5	<0.5
	11/15/93	<50	<0.5	<0.5	<0.5	<0.5
	2/7/94	Not Sampled				
	5/20/94	Not Sampled				
	8/22/94	130	<0.5	<0.5	<0.5	<0.5
	11/2/94	73	<0.5	<0.5	<0.5	<0.5
	2/14/95	Not Sampled				
	5/19/95	<50	<0.5	<0.5	<0.5	2.3
	8/22/95	400	<0.5	<0.5	<0.5	0.76
	10/25/95	Not Sampled				
	2/9/96	Not Sampled				
MW-8	2/4/93	540	150	3.7	5.2	10
	5/6/93	22,000	9,400	46	390	520
	9/28/93	8,000	1,700	22	30	75
	11/15/93	2,000	840	8.8	15	42
	2/7/94	1,700	460	0.6	13	5
	5/20/94	110	98	1.4	1.3	3.4
	8/22/94	51	16	<0.5	<0.5	<0.5
	11/2/94	<50	<0.5	<0.5	<0.5	<0.5
	2/14/95	<50	<0.5	<0.5	<0.5	<0.5
	5/19/95	<50	<0.5	<0.5	<0.5	<0.5
	8/22/95	<50	<0.5	<0.5	<0.5	<0.5
	10/25/95	<50	<0.5	<0.5	<0.5	<0.5
	2/9/96	<50	<0.5	<0.5	<0.5	<0.5
MW-9	8/22/95	<50	<0.5	<0.5	<0.5	<0.5
	10/25/95	<50	<0.5	<0.5	<0.5	<0.5
	2/9/96	<50	<0.5	<0.5	<0.5	<0.5
MW-10	8/22/95	<50	<0.5	<0.5	<0.5	<0.5
	10/25/95	<50	<0.5	<0.5	<0.5	<0.5
	2/9/96	<50	<0.5	<0.5	<0.5	<0.5
MW-11	8/22/95	<50	<0.5	<0.5	<0.5	<0.5
	10/25/95	Not Sampled				
	2/9/96	<50	<0.5	<0.5	<0.5	<0.5

< = Less than the detection limit for the specified method of analysis
ppb = parts per billion

APPENDIX

B C Analytical

801 Western Avenue
Glendale, CA 91201
818/247-5337
Fax: 818/247-9791

ANALYTICAL REPORT

LOG NO: G96-02-293

Received: 13 FEB 96

Mailed: FEB 21 1996

Purchase Order: 94-1446346+4370

Requisition: 624881450
Project: FKEP1001L

Ms. Rebecca Digerness
Tosco Environmental Services
108 Cutting Boulevard
Richmond, CA 94801

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	Total Xylenes Isomers ug/L	Carbon Range
RL			1	50	0.5	0.5	0.5	0.5	
1-MW 1	02/09/96	02/15/96	1	160	3.2	1.5	0.89	2.7	C6-C12
2-MW 2	02/09/96	02/15/96	1	<50	1.5	0.53	1.1	1.5	C6-C12
3-MW 3	02/09/96	02/15/96	1	<50	<0.5	<0.5	<0.5	<0.5	C6-C12
4-MW 4	02/09/96	02/14/96	1	<50	<0.5	<0.5	<0.5	<0.5	C6-C12
5-MW 5	02/09/96	02/14/96	5	1000	120	49	26	130	C6-C12
6-MW 6	02/09/96	02/14/96	1	4100	3.8	9.9	60	270	C6-C12
7-MW 7	02/09/96	02/14/96	1	<50	<0.5	<0.5	<0.5	<0.5	C6-C12
8-MW 8	02/09/96	02/14/96	1	<50	<0.5	<0.5	<0.5	<0.5	C6-C12
9-MW 10	02/09/96	02/14/96	1	<50	<0.5	<0.5	<0.5	<0.5	C6-C12
10-MW 11	02/09/96	02/14/96	1	<50	<0.5	<0.5	<0.5	<0.5	C6-C12

Karen Petryna
1 Lincoln Ave., Alameda
Alameda County

UCA

B C Analytical

801 Western Avenue
Glendale, CA 91201
[illegible]
Fax: 818/247 9791

ANALYTICAL REPORT

LOG NO: G96-02-293

Received: 13 FEB 96

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

Purchase Order: 94-1446346+4370

Requisition: 624881450
Project: FKEP1001L

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	Total Xylenes Isomers ug/L	Carbon Range
RDL			1	50	0.5	0.5	0.5	0.5	
11'-13'	02/09/96	02/14/96	1	<50	<0.5	<0.5	<0.5	<0.5	C6-C12
12'-13'	02/09/96	02/14/96	1	<50	<0.5	<0.5	<0.5	<0.5	C6-C12

Dick Swenson, 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 Environmental Services 9602293 :
: BC ANALYTICAL : GLEN LAB : 11:26:03 21 FEB 1996 - P. 1 :

SAMPLES...	SAMPLE DESCRIPTION..	DETERM.....	DATE..... ANALYZED	METHOD.....	EQUIP.	BATCH..	ID.NO
9602293*1	MW 1	GAS.BTX.TESNC	02.15.96	8015M.TX	536-21	96216	8501
9602293*2	MW 2	GAS.BTX.TESNC	02.15.96	8015M.TX	536-21	96216	8501
9602293*3	MW 3	GAS.BTX.TESNC	02.15.96	8015M.TX	536-21	96216	8501
9602293*4	MW 4	GAS.BTX.TESNC	02.14.96	8015M.TX	536-21	96216	8501
9602293*5	MW 5	GAS.BTX.TESNC	02.14.96	8015M.TX	536-23	96523	8501
9602293*6	MW 6	GAS.BTX.TESNC	02.14.96	8015M.TX	536-21	96216	8501
9602293*7	MW 8	GAS.BTX.TESNC	02.14.96	8015M.TX	536-21	96216	8501
9602293*8	MW 9	GAS.BTX.TESNC	02.14.96	8015M.TX	536-21	96216	8501
9602293*9	MW 10	GAS.BTX.TESNC	02.14.96	8015M.TX	536-21	96216	8501
9602293*10	MW 11	GAS.BTX.TESNC	02.14.96	8015M.TX	536-21	96216	8501
9602293*11	EB	GAS.BTX.TESNC	02.14.96	8015M.TX	536-21	96216	8501
9602293*12	TB	GAS.BTX.TESNC	02.14.96	8015M.TX	536-21	96216	8501

***

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

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

BC ANALYTICAL

ORDER QC REPORT FOR G9602293

DATE REPORTED : 02/21/96

LABORATORY CONTROL STANDARDS
FOR BATCHES WHICH INCLUDE THIS ORDER

PARAMETER	DATE ANALYZED	BATCH NUMBER	LC RESULT	LT RESULT	UNIT	PERCENT RECOVERY
1. BTEX/GRO C6021651*1						
Date Analyzed	02.14.96	96216	02/14/96	02/14/96	Date	N/A
Benzene	02.14.96	96216	19.1	15.2	ug/L	126
Toluene	02.14.96	96216	100	97.4	ug/L	103
Ethylbenzene	02.14.96	96216	18.6	20.4	ug/L	91
Total Xylene Isomers	02.14.96	96216	97.0	119	ug/L	82
TPH (Gasoline Range)	02.14.96	96216	1250	1100	ug/L	114
a,a,a-Trifluorotoluene Rep.	02.14.96	96216	51.0	50.0	ug/L	102
a,a,a-Trifluorotoluene Th.	02.14.96	96216	50.0	50.0	ug/L	100
2. BTEX/GRO C6021459*1						
Date Analyzed	02.13.96	96523	02/13/96	02/13/96	Date	N/A
Benzene	02.13.96	96523	14.6	15.2	ug/L	96
Toluene	02.13.96	96523	88.3	97.4	ug/L	91
Ethylbenzene	02.13.96	96523	18.0	20.4	ug/L	88
Total Xylene Isomers	02.13.96	96523	108	119	ug/L	91
TPH (Gasoline Range)	02.13.96	96523	1150	1100	ug/L	105
a,a,a-Trifluorotoluene Rep.	02.13.96	96523	55.8	50.0	ug/L	112
a,a,a-Trifluorotoluene Th.	02.13.96	96523	50.0	50.0	ug/L	100

BC ANALYTICAL

ORDER QC REPORT FOR G9602293

DATE REPORTED : 02/21/96

MATRIX QC ACCURACY (SPIKES)
BATCH QC REPORT

PARAMETER	SAMPLE NUMBER	DATE ANALYZED	BATCH NUMBER	MS %	MSD %	TRUE RESULT	UNIT
1. GRO	9602293*8						
Benzene		02.14.96	96216	111	111	15.2	ug/L
Toluene		02.14.96	96216	94	95	97.4	ug/L
Ethylbenzene		02.14.96	96216	82	83	20.4	ug/L
Total Xylene Isomers		02.14.96	96216	74	75	119	ug/L
TPH (Gasoline Range)		02.14.96	96216	115	115	1100	ug/L
a,a,a-Trifluorotoluene Rep.		02.14.96	96216	92	93	50.0	ug/L
a,a,a-Trifluorotoluene Th.		02.14.96	96216	100	100	50.0	ug/L
2. GRO	9602261*2						
Benzene		02.13.96	96523	97	102	15.2	ug/L
Toluene		02.13.96	96523	92	96	97.4	ug/L
Ethylbenzene		02.13.96	96523	87	91	20.4	ug/L
Total Xylene Isomers		02.13.96	96523	91	94	119	ug/L
TPH (Gasoline Range)		02.13.96	96523	104	107	1100	ug/L
a,a,a-Trifluorotoluene Rep.		02.13.96	96523	113	115	50.0	ug/L
a,a,a-Trifluorotoluene Th.		02.13.96	96523	100	100	50.0	ug/L

BC ANALYTICAL

ORDER QC REPORT FOR G9602293

DATE REPORTED : 02/21/96

MATRIX QC PRECISION (DUPLICATE SPIKES)
BATCH QC REPORT

PARAMETER	SAMPLE NUMBER	DATE ANALYZED	BATCH NUMBER	MS RESULT	MSD RESULT	UNIT	RELATIVE % DIFF
1. GRO	9602293*8						
Date Analyzed		02.14.96	96216	02/14/96	02/14/96	Date	N/A
Benzene		02.14.96	96216	16.8	16.9	ug/L	1
Toluene		02.14.96	96216	91.6	92.1	ug/L	1
Ethylbenzene		02.14.96	96216	16.8	16.9	ug/L	1
Total Xylene Isomers		02.14.96	96216	88.3	88.9	ug/L	1
TPH (Gasoline Range)		02.14.96	96216	1260	1270	ug/L	1
a,a,a-Trifluorotoluene Rep.		02.14.96	96216	45.9	46.7	ug/L	2
a,a,a-Trifluorotoluene Th.		02.14.96	96216	50.0	50.0	ug/L	0
2. BTEX/GRO	9602261*2						
Date Analyzed		02.13.96	96523	02/13/96	02/13/96	Date	N/A
Benzene		02.13.96	96523	14.8	15.5	ug/L	5
Toluene		02.13.96	96523	89.3	93.5	ug/L	5
Ethylbenzene		02.13.96	96523	17.8	18.6	ug/L	4
Total Xylene Isomers		02.13.96	96523	108	112	ug/L	4
TPH (Gasoline Range)		02.13.96	96523	1140	1180	ug/L	3
a,a,a-Trifluorotoluene Rep.		02.13.96	96523	56.6	57.4	ug/L	1
a,a,a-Trifluorotoluene Th.		02.13.96	96523	50.0	50.0	ug/L	0

BC ANALYTICAL

ORDER QC REPORT FOR G9602293

DATE REPORTED : 02/21/96

METHOD BLANKS AND REPORTING DETECTION LIMIT (RDL)
FOR BATCHES WHICH INCLUDE THIS ORDER

PARAMETER		DATE ANALYZED	BATCH NUMBER	BLANK RESULT	RDL	UNIT	METHOD
1. BTEX/GRO	B602840*1						
Date Analyzed		02.14.96	96216	02/14/96	NA	Date	8015M
Benzene		02.14.96	96216	0	0.3	ug/L	8015M
Toluene		02.14.96	96216	0	0.3	ug/L	8015M
Ethylbenzene		02.14.96	96216	0	0.3	ug/L	8015M
Total Xylene Isomers		02.14.96	96216	0	0.6	ug/L	8015M
TPH (Gasoline Range)		02.14.96	96216	0	100	ug/L	8015M
a,a,a-Trifluorotoluene	Rep.	02.14.96	96216	51.8	0.5	ug/L	8015M
a,a,a-Trifluorotoluene	Th.	02.14.96	96216	50.0	NA	ug/L	8015M
2. BTEX/GRO	B602747*1						
Date Analyzed		02.13.96	96523	02/13/96	NA	Date	8015M
Benzene		02.13.96	96523	0	0.3	ug/L	8015M
Toluene		02.13.96	96523	0	0.3	ug/L	8015M
Ethylbenzene		02.13.96	96523	0	0.3	ug/L	8015M
Total Xylene Isomers		02.13.96	96523	0	0.6	ug/L	8015M
TPH (Gasoline Range)		02.13.96	96523	0	100	ug/L	8015M
a,a,a-Trifluorotoluene	Rep.	02.13.96	96523	50.0	0.5	ug/L	8015M
a,a,a-Trifluorotoluene	Th.	02.13.96	96523	50.0	NA	ug/L	8015M

: SURROGATE RECOVERIES :
: BC ANALYTICAL : GLEN LAB : 11:27:03 21 FEB 1996 - P. 1 :

METHOD	ANALYTE	BATCH	ANALYZED	REPORTED	TRUE	%REC	FLAG
9602293*1							
8015M.TX	a,a,a-Trifluorotoluene	Re96216	02/15/96	52.1	50.0	104	
9602293*2							
8015M.TX	a,a,a-Trifluorotoluene	Re96216	02/15/96	51.9	50.0	104	
9602293*3							
8015M.TX	a,a,a-Trifluorotoluene	Re96216	02/15/96	53.6	50.0	107	
9602293*4							
8015M.TX	a,a,a-Trifluorotoluene	Re96216	02/14/96	51.6	50.0	103	
9602293*5							
8015M.TX	a,a,a-Trifluorotoluene	Re96523	02/14/96	269	250	108	
9602293*6							
8015M.TX	a,a,a-Trifluorotoluene	Re96216	02/14/96	47.6	50.0	95	
9602293*7							
8015M.TX	a,a,a-Trifluorotoluene	Re96216	02/14/96	53.3	50.0	107	
9602293*8							
8015M.TX	a,a,a-Trifluorotoluene	Re96216	02/14/96	53.0	50.0	106	
9602293*9							
8015M.TX	a,a,a-Trifluorotoluene	Re96216	02/14/96	52.7	50.0	105	
9602293*10							
8015M.TX	a,a,a-Trifluorotoluene	Re96216	02/14/96	53.7	50.0	107	
9602293*11							
8015M.TX	a,a,a-Trifluorotoluene	Re96216	02/14/96	53.2	50.0	106	
9602293*12							
8015M.TX	a,a,a-Trifluorotoluene	Re96216	02/14/96	53.0	50.0	106	

: SURROGATE RECOVERIES :
: BC ANALYTICAL : GLEN LAB : 11:27:08 '21 FEB 1996 - P. 1 :

METHOD	ANALYTE	BATCH	ANALYZED	REPORTED	TRUE	%REC	FLAG
9602261*2*R1							
8015M	a,a,a-Trifluorotoluene	Re96523	02/13/96	51.3	50.0	103	
9602261*2*S1							
8015M	a,a,a-Trifluorotoluene	Re96523	02/13/96	56.6	50.0	113	
9602261*2*S2							
8015M	a,a,a-Trifluorotoluene	Re96523	02/13/96	57.4	50.0	115	
9602261*2*T							
8015M	a,a,a-Trifluorotoluene	Re96523	02/13/96	50.0	50.0	100	
9602293*8*R1							
8015M.TX	a,a,a-Trifluorotoluene	Re96216	02/14/96	53.0	50.0	106	
9602293*8*S1							
8015M.TX	a,a,a-Trifluorotoluene	Re96216	02/14/96	45.9	50.0	92	
9602293*8*S2							
8015M.TX	a,a,a-Trifluorotoluene	Re96216	02/14/96	46.7	50.0	93	
9602293*8*T							
8015M.TX	a,a,a-Trifluorotoluene	Re96216	02/14/96	50.0	50.0	100	
B602747*1*MB							
8015M	a,a,a-Trifluorotoluene	Re96523	02/13/96	50.0	50.0	100	
B602840*1*MB							
8015M	a,a,a-Trifluorotoluene	Re96216	02/14/96	51.8	50.0	104	
C6021459*1*LC							
8015M	a,a,a-Trifluorotoluene	Re96523	02/13/96	55.8	50.0	112	
C6021459*1*LT							
8015M	a,a,a-Trifluorotoluene	Re96523	02/13/96	50.0	50.0	100	
C6021651*1*LC							
8015M	a,a,a-Trifluorotoluene	Re96216	02/14/96	51.0	50.0	102	
C6021651*1*LT							
8015M	a,a,a-Trifluorotoluene	Re96216	02/14/96	50.0	50.0	100	

G960214.13

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: 960209-T1
Contractor Name: Blaine Tech Services, Inc.
Address: 985 Timothy Dr., San Jose, CA 95133
Project Contact: Jim Keller
Phone/FAX: (408) 995-5535 / (408) 293-8773

Laboratory: B C Analytical
Turn Around Time: normal (10 day)
Samplers (PRINT NAME): Mike Toll
Sampler Signature: Mike Toll
Date Samples Collected: 2-9-96

Sample Number	Lab Sample Number	Date/Time Collected	No. of Containers	Type of Containers	Sample Matrix	Preservative	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
MW1	—	2/9 10:00	3	VOA		HCL	X								—	1	
MW2	—	2/9 10:40	3	VOA			X								—	2	
MW3	—	2/9 10:30	3	VOA			X								—	3	
MW4	—	2/9 10:55	3	VOA			X								—	4	
MW5	—	2/9 10:05	3	VOA			X								—	5	
MW6	—	2/9 12:05	3	VOA			X								—	6	
MW8	—	2/9 11:35	3	VOA			X								—	7	
MW9	—	2/9 11:20	3	VOA			X								—	8	
MW10	—	2/9 11:50	3	VOA			X								—	9	
MW11	—	2/9 12:30	3	VOA			X								—	10	
EB	—	2/9 10:35	3	VOA			X										-11
TB	—	2/9	2	VOA			X										-12

ANALYSIS

624881450
Alameda
KEP
FKEP1001L

Relinquished by: Mike Toll
[Signature] Mike Toll
Date: 2/13 Time: 14:10

Relinquished by:
[Signature] Bill Logan
Date: 2-13-96 Time: 3:10

Relinquished by:
[Signature] A. Parker
Date: 2-13-96 Time: 3.45

Method of Shipment:

Received by:
[Signature] Bill Logan
Date: 2-13-96 Time: 14:10

Received by:
[Signature] A. Parker
Date: 2-13-96 Time: 3:30

Received by:
[Signature]
Date: Time:

Lab Comments:

G:\GWEMP\FORMS\TEX COC XLS

Well Gauging Data

Project Name: 6248814.50
Project Number: 960209-T1

Date: 2-9-96
Recorded By: MST

Well ID	TOC Elev.	DTB (ft. TOC)	Well Dia. (in.)	DTP (ft.)	DTW (ft.)	PT (ft.)	Comments
MW 1	—	INACCESSABLE TO Gauge			—	—	
MW 2	—	INACCESSABLE to Gauge			—	—	
MW 3		19.70	4	7.05			
MW 4		20.25	4	6.60			
MW 5		—	4	6.70			
MW 6		19.52	2	7.26			
MW 7		19.61	2	7.06			
MW 8		19.76	4	4.89			
MW 9		14.05	4	4.87			
MW 10		14.30	4	4.45			
MW 11		13.81	4	2.73			

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 #: 960209-T1	Texaco ID#: 624881450
Sampler: MT	Date: 2/9
Well I.D.: MW1	Well Diameter: 2 3 4 6 8 ___
Total Well Depth:	Depth to Water:
Depth to Free Product:	Thickness of Free Product:

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

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.17	5"	1.02
3"	0.38	6"	1.50
4"	0.66	8"	2.60
4.5"	0.83	Other	radius² * 0.164

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

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

_____ (1 Case Volume (Gals.)) X _____ (Specified Volumes) = _____ Gals. (Calculated Volume)

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
10:01	56.0	6.8	200	4.3		ODOR

Did well dewater? Yes (No)	Gallons actually evacuated: SAMPLE PORT
Sampling Time: 10:00	Sampling Date: 2/9
Sample I.D.: MW1	Laboratory: BC Analytical
Analyzed for: (Tph-G BTEX Tph-D)	Other:
Equipment Blank I.D.: NONE	Analyzed for same as primary sample

TEXACO WELL MONITORING DATA SHEET

Project #: 960209-T1	Texaco ID#: 62488 1450
Sampler: MT	Date: 2/9
Well I.D.: MW2	Well Diameter: 2 3 4 6 8 ___
Total Well Depth:	Depth to Water:
Depth to Free Product:	Thickness of Free Product:

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

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

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

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

_____ (1 Case Volume (Gals.)) X _____ (Specified Volumes) = _____ Gals. (Calculated Volume)

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
10:09	67.1	6.8	600	60.1		ODOR

Did well dewater? Yes ~~No~~ Gallons actually evacuated: Sample Port

Sampling Time: 10:10 Sampling Date: 2/9

Sample I.D.: MW2 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 #: 960209-T1	Texaco ID#: 624881450
Sampler: MT	Date: 2/9
Well I.D.: MW3	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 19.70	Depth to Water: 7.05
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: _____

8.4	x	3	=	25.2 Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
10:18	62.0	7.4	800	23.2	8.5	
10:20	62.8	7.4	800	10.3	17	
10:22	63.1	7.3	800	8.0	25.5	

Did well dewater? Yes (No) Gallons actually evacuated: 25.5

Sampling Time: 10:30 Sampling Date: 2/9

Sample I.D.: MW3 Laboratory: BC Analytical

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

Equipment Blank I.D.: EB @ 10:35 Analyzed for same as primary sample

TEXACO WELL MONITORING DATA SHEET

Project #: 960209-T1	Texaco ID#: 6248K450
Sampler: MT	Date: 2/9
Well I.D.: MW4	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 20.25	Depth to Water: 6.60
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: ___

9.0	x	3	=	27 Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
10:47	62.0	7.8	400	7200	9	
10:49	61.0	6.8	400	95.1	18	
10:51	61.4	6.7	400	72.5	27	

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

Sampling Time: 10:55 Sampling Date: 2/9

Sample I.D.: MW4 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 #: 960209-T1	Texaco ID#: 624881450
Sampler: MT	Date: 2/9
Well I.D.: MW5	Well Diameter: 2 3 4 6 8 ____
Total Well Depth:	Depth to Water:
Depth to Free Product:	Thickness of Free Product:

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

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

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

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

_____ (1 Case Volume (Gals.)) X _____ (Specified Volumes) = _____ Gals. (Calculated Volume)

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
10:06		6.8	600	16.6		ODOR

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

Sampling Time: 10:05 Sampling Date: 2/9

Sample I.D.: MW5 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 #: 960209-T1	Texaco ID#: 6248814 50
Sampler: MT	Date: 2/9
Well I.D.: MW6	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 19.52	Depth to Water: 7.26
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 BailerX
- Middleburg
- Electric Submersible
- Extraction Pump
- Other: _____

Sampling Method:
- S.S. BailerX
- 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
11:53	58.8	6.6	300	>200	2.5	
11:56	58.8	6.6	200	>200	5	
11:59	58.6	6.6	200	>200	6.5	

Did well dewater? Yes (No)	Gallons actually evacuated: 6.5
Sampling Time: 12:05	Sampling Date: 2/9
Sample I.D.: MW6	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 #: 960209-T1	Texaco ID#: 6248581450
Sampler: MT	Date: 2/9
Well I.D.: MW7	Well Diameter: ② 3 4 6 8 ___
Total Well Depth: 19.61	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	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: _____

_____ X _____ = _____ Gals.
1 Case Volume (Gals.) Specified Volumes Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
	Gauged	- Car	Parked over well	while I sampled the rest of site.		
		-Searched & waited	for person to	remove car.	Unsuccessful	
		* INACCESSIBLE *				

Did well dewater? Yes No Gallons actually evacuated:

Sampling Time: Sampling Date: 2/9

Sample I.D.: MW7 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 #: 960209 - T1	Texaco ID#: 6248841450
Sampler: MT	Date: 2/9
Well I.D.: MW8	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 19.76	Depth to Water: 4.89
Depth to Free Product:	Thickness of Free Product:

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

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.17	5"	1.02
3"	0.38	6"	1.50
4"	0.66	8"	2.60
4.5"	0.83	Other	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: ____

9.8	x	3	=	29.4 Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
11:24	59.8	6.6	200	>200	10	
11:26	59.0	7.6	200	>200	20	
11:28	58.6	7.5	200	>200	29.5	

Did well dewater? Yes (No) Gallons actually evacuated: 29.5

Sampling Time: 11:35 Sampling Date: 2/9

Sample I.D.: MW9 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 #: 960209-T1	Texaco ID#: 6248817 80
Sampler: MT	Date: 2/9
Well I.D.: MW9	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 19.76	Depth to Water: 4.87
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: _____

6.5	x	3	=	+ Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
14:08	60.6	7.0	300	>200	6.5	
11:10	59.0	6.8	150	>200	13	
11:12	58.6	6.7	200	>200	19.5	

Did well dewater? Yes (No)	Gallons actually evacuated: 19.5
Sampling Time: 11:20	Sampling Date: 2/9
Sample I.D.: MW9	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 #: 960209-T1	Texaco ID#: 6248817450
Sampler: MT	Date: 2/9
Well I.D.: MW10	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 14.30	Depth to Water: 4.45
Depth to Free Product: ~~0~~	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: _____

6.5 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 19.5 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
11:42	62.0	6.8	200	>200	6.5	
11:43	59.0	6.8	200	>200	13	
11:44	54.9	6.7	200	>200	19.5	

Did well dewater? Yes ~~No~~ Gallons actually evacuated: ~~Dam~~ 19.5

Sampling Time: ~~10:05~~ 11:50 Sampling Date: 2/9

Sample I.D.: MW10 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 #: 960209-T1	Texaco ID#: 6248811750
Sampler: MT	Date: 2/9
Well I.D.: MW11	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 13.81	Depth to Water: 2.73
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 / 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
12:19	57.2	7.0	300	>200	7.5	
12:21	57.0	6.8	300	>200	15	
12:23	56.4	6.8	300	>200	22	

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

Sampling Time: 12:30 Sampling Date: 2/9

Sample I.D.: MW11 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: 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 #: 6 2488 1450
Address: 1127 Lincoln Ave
City, State, ZIP: Alameda, CA

Well I.D.	Gals.	Well I.D.	Gals.
/		/	
/		/	
Purge/water =		/	
/		/	
149.5		/	
/		/	
/		/	
/		/	
/		/	
/		/	

Total gals. _____ added rinse water _____

Total Gals. Recovered 149.5

Job #: 960209-T1
Date 2-9-96
Time 13:15
Signature: m/ib/dl

REC'D AT: BTS
Date: 2-9-96
Time:
Signature: m/ib/dl

QUARTERLY SUMMARY REPORT
Former Texaco Service Station
1127 Lincoln Avenue, Alameda, California
Alameda County
Fourth Quarter, 1995

HISTORY OF INVESTIGATIVE AND REMEDIAL ACTIONS

Four gasoline and one waste-oil underground storage tanks were removed in September, 1989. Eleven soil borings were drilled with three groundwater monitoring wells (MW-1 through MW-3) and five vapor wells (VW-1 through VW-5) being installed into eight of the borings in March, 1981. Five groundwater monitoring wells, MW-4 through MW-8 were installed in June, 1992. Three additional monitoring wells MW-9, MW-10, and MW-11 were installed in May 1995. Nine soil borings were also drilled in February 1995. A soil vapor extraction and groundwater remediation system was installed June, 1993 and began full operation in September, 1993. 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 act as combined extraction/recovery wells.

WORK PERFORMED DURING THIS QUARTER

Quarterly groundwater monitoring and sampling was performed as was operation and maintanence of the goundwater/soil vapor extraction system.

CHARACTERIZATION STATUS

The extent of petroleum hydrocarbons in soil and groundwater has not been delineated.

REMEDIATION STATUS

A vapor extraction and groundwater treatment system is in operation at the site. Vapors are extracted from five vapor extraction wells and three combination wells and groundwater is extracted from the three combination wells. Vapor-phase carbon canisters treat the vapors prior to discharge.

WORK TO BE PERFORMED NEXT QUARTER

Continue quarterly monitoring and sampling to record fluctuations in hydrocarbons concentrations as well as operation and maintenance of the groundwater and soil vapor treatment systems.

COMPANY CONTACT: Karen Petryna (510) 236-9139