Texaco Refining
and Marketing Inc.

108 Cutting Boulevard
Richmond CA 94804

ENVIRONMENTAL
PROTECTION
96 AUG 22 PM 2:19

August 15, 1996

ENV - STUDIES, SURVEYS & REPORTS
Former Texaco/Current Exxon Service Station
2225 Telegraph Ave., Oakland, California
Quarterly Monitoring Report

STID
1039

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 April 22, 1996, at the site referenced above (see Plate 1, Site Vicinity Map). Based on groundwater level measurements, the areal hydraulic gradient was estimated to be southeast (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.

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

Rebecca Digerness
Environmental Assistant

Karen E. Petryna

Karen E. Petryna, P. E.
Project Manager
Texaco Refining and Marketing, Inc.

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

Enclosure

cc: Mr. Richard Hiett
CRWQCB - San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, CA 94612

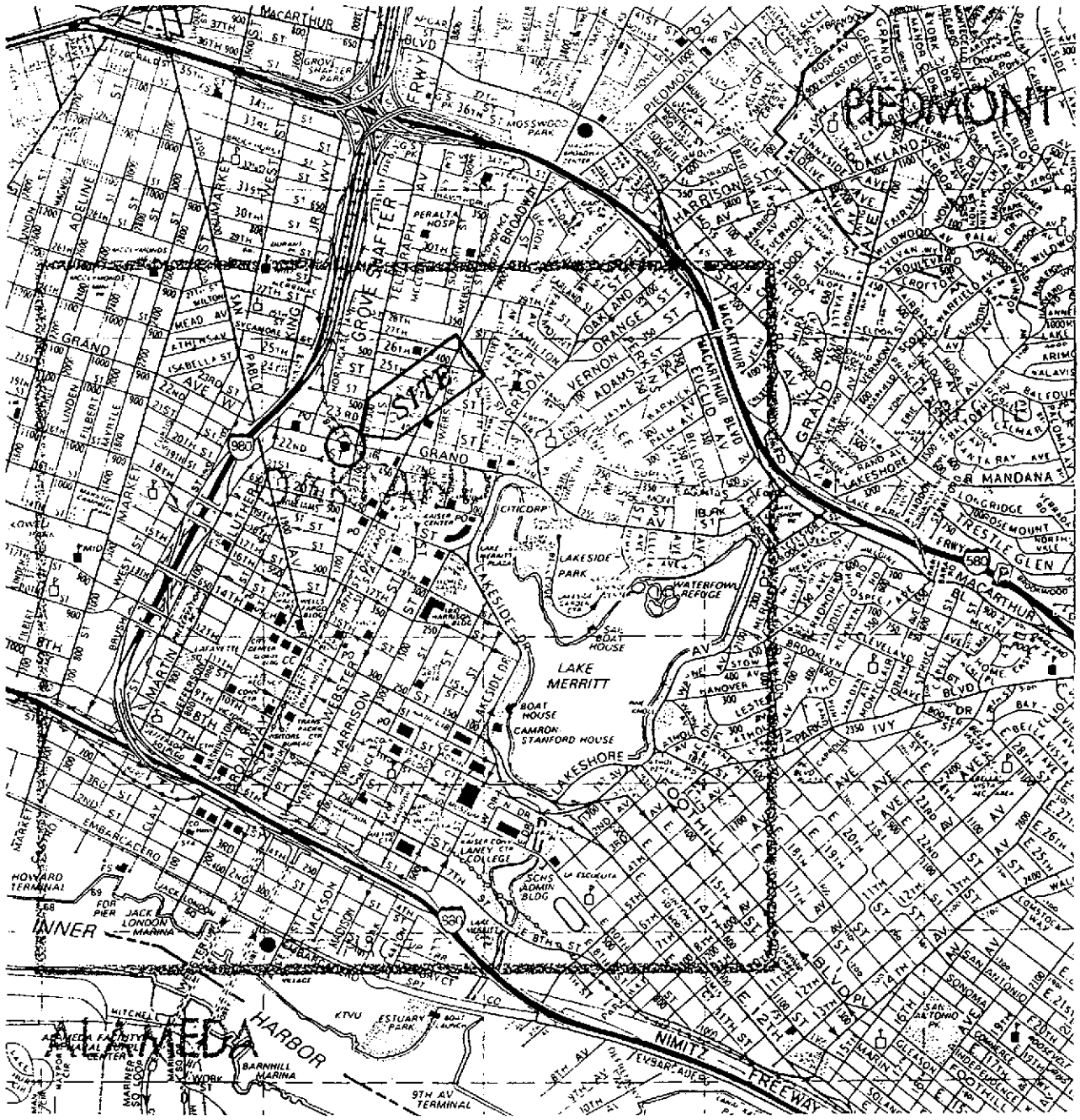
Mr. Michael Faber
Exxon Company, USA
2300 Clayton Road, Suite 1250
Concord, CA 94524-2032

Mr. Timothy Ross
Kaprealian Engineering, Inc.
2401 Stanwell Dr., Suite 400
Concord, CA 94520

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

pr.

Groundwater Monitoring and Sampling
Second Quarter, 1996
at the
Former Texaco / Current Exxon Service Station
2225 Telegraph Avenue
Oakland, CA



SOURCE:
1993 THE THOMAS GUIDE
ALAMEDA COUNTY, PAGE 9 (83)

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0 1/4 1/2 3/4 1
MILE
1" = 2250

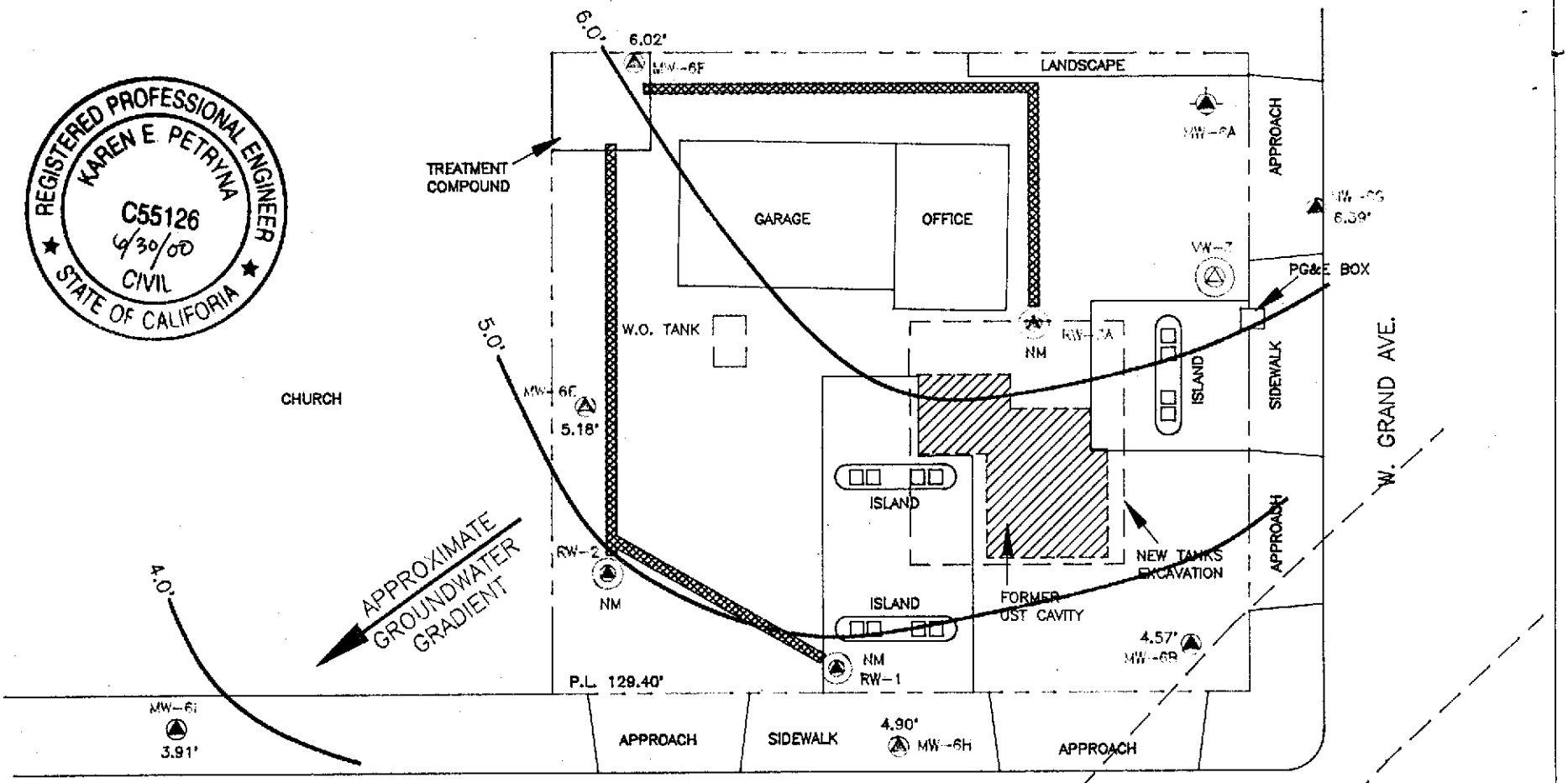
TEXACO
REFINING AND MARKETING, INC.
TEXACO ENVIRONMENTAL SERVICES

PLATE 1

SITE VICINITY MAP

FORMER TEXACO SERVICE STATION

2225 TELEGRAPH AVE. / GRAND AVE.,
OAKLAND, CALIFORNIA



REGISTERED PROFESSIONAL ENGINEER
KAREN E. PETRYNA
C55126
9/30/00
CIVIL
STATE OF CALIFORIA

LEGEND :

- VW-3 — VAPOR EXTRACTION WELL LOCATION AND WELL NUMBER
- MW-6A — PROPERLY ABANDONED WELL LOCATION AND WELL NUMBER
- MW-1 — GROUNDWATER MONITORING WELL LOCATION AND WELL NUMBER
- RW-1 — GROUNDWATER RECOVERY/VAPOR EXTRACTION WELL LOCATION AND WELL NUMBER
- TEXACO REMEDIATION SYSTEM TRENCH WITH 2" PVC VAPOR EXTRACTION LINE
- GROUNDWATER CONTOUR LINE
- 4.57' — GROUNDWATER ELEVATION (ABOVE MSL)
- NM — WELL NOT MONITORED

TELEGRAPH AVE.

APPROXIMATE LOCATION OF BART TUNNEL

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

N

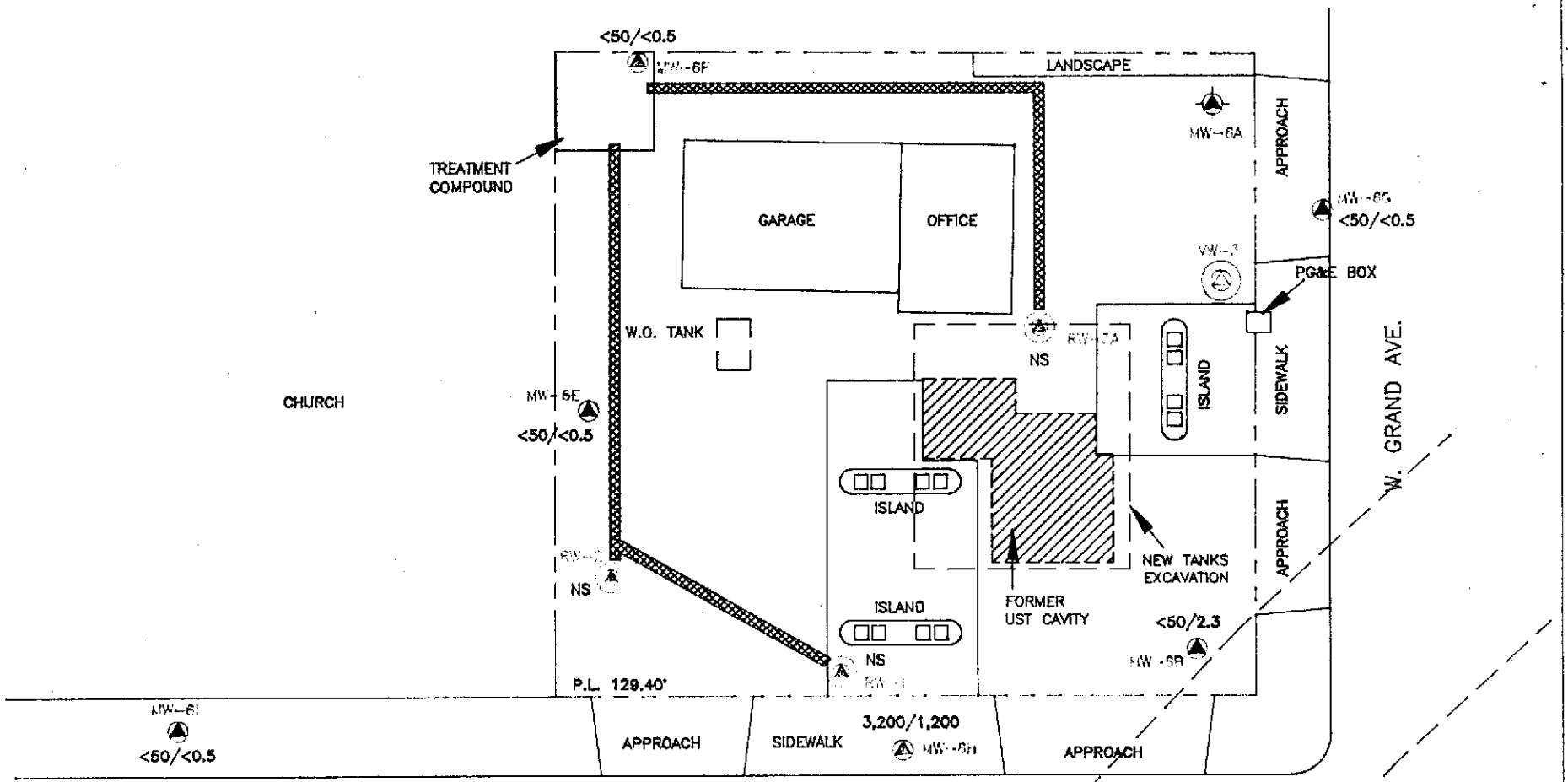
0 30

FEET

TEXACO
REFINING AND MARKETING INC.
ENVIRONMENT, HEALTH AND SAFETY

PLATE 2 : GROUNDWATER GRADIENT MAP
(04/22/1996)
FORMER TEXACO SERVICE STATION
2225 TELEGRAPH AVE. / GRAND AVE.,
OAKLAND, CALIFORNIA

SCALE	1"=30'-0"	LOCATION #	62-488-0195
DRAWN BY	AMA	DATE	08/07/1996
CHECKED BY		DATE	
DRAWING NO.	(OAKLAND) TE-GR-OK.DWG		



LEGEND :

- VW-3 — VAPOR EXTRACTION WELL LOCATION AND WELL NUMBER
- MW-6A — PROPERLY ABANDONED WELL LOCATION AND WELL NUMBER
- MW-1 — GROUNDWATER MONITORING WELL LOCATION AND WELL NUMBER
- RW-1 — 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

N

0 30

FEET

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
(04/22/1996)
FORMER TEXACO SERVICE STATION
2225 TELEGRAPH AVE. / GRAND AVE.,
OAKLAND, CALIFORNIA

SCALE	1"=30'-0"	LOCATION #	62-488-0195
DRAWN BY	AMA	DATE	08/07/1996
CHECKED BY		DATE	
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	12/15/88	98.81	*		
	2/25/92			11.81	87.00
	3/25/92			11.58	87.23
	6/16/92	15.34	**	12.54	2.80
	9/8/92			12.87	2.47
	11/5/92			12.70	2.64
	12/14/92			12.19	3.15
	1/28/93			11.39	3.95
	2/11/93			11.70	3.64
	3/9/93			11.70	3.64
	4/14/93			11.87	3.47
	5/11/93			12.22	3.12
	6/17/93			12.46	2.88
	7/26/93			12.72	2.58
	8/10/93			12.82	2.52
	9/21/93			13.08	2.26
	10/27/93			13.18	2.16
	11/23/93			13.07	2.27
	12/17/93			NA	NA
	2/16/94			12.07	3.27
	5/31/94			12.42	2.92
	8/30/94	17.48	***	13.02	4.46
	11/11/94			11.72	5.76
	2/27/95			11.84	5.64
	5/30/95			12.09	5.39
	8/30/95			12.76	4.72
	10/25/95			13.03	4.45
	2/24/96			11.48	6.00
	4/22/96			12.91	4.57

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	12/15/88	98.99	*		
	2/25/92			13.16	85.83
	3/25/92			12.15	86.84
	6/16/92	15.23	**	13.54	1.69
	9/8/92			14.78	0.45
	11/5/92				Not Monitored
	12/14/92				Not Monitored
	1/28/93			11.62	3.61
	2/11/93			12.85	2.38
	3/9/93			12.83	2.40
	4/14/93				Not Monitored
	5/11/93			13.59	1.64
	6/17/93			13.74	1.49
	7/26/93			14.01	1.22
	8/10/93			14.13	1.10
	9/21/93			14.20	1.03
	10/27/93			14.34	0.89
	11/23/93			13.97	1.26
	12/17/93			13.08	2.15
	2/16/94			13.34	1.89
	5/31/94			13.82	1.41
	8/30/94	17.63	***	14.32	3.31
	11/11/94			13.92	3.71
	2/27/95			12.96	4.67
	5/30/95			13.20	4.43
	8/30/95			13.85	3.78
	10/25/95			13.96	3.67
	2/24/96			11.80	5.83
	4/22/96			12.45	5.18

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	12/15/88	99.91	*		
	2/25/92			12.68	87.23
	3/25/92			11.93	87.98
	6/16/92	16.46	**	14.34	2.12
	9/8/92			14.75	1.71
	11/5/92			14.35	2.11
	12/14/92			12.90	3.56
	1/28/93			11.60	4.86
	2/11/93			12.25	4.21
	3/9/93			12.50	3.96
	4/14/93			12.71	3.75
	5/11/93			13.63	2.83
	6/17/93			14.02	2.44
	7/26/93				Not Monitored
	8/10/93				Not Monitored
	9/21/93			14.80	1.66
	10/27/93			14.85	1.61
	11/23/93			Not Monitored - Inaccessible	
	12/17/93			13.86	2.60
	2/16/94			13.08	3.38
	5/31/94			14.06	2.40
	8/30/94	18.58	***	14.84	3.74
	11/11/94			12.60	5.98
	2/27/95			12.75	5.83
	5/30/95			13.16	5.42
	8/30/95			14.31	4.27
	10/25/95			14.40	4.18
	2/24/96			10.88	7.70
	4/22/96			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-6G	12/15/88	99.16	*		
	2/25/92			10.32	88.84
	3/25/92			9.93	89.23
	6/16/92	14.71	**	11.88	2.83
	9/8/92			12.20	2.51
	11/5/92			12.02	2.69
	12/14/92			10.95	3.76
	1/28/93			9.56	5.15
	2/11/93			10.04	4.67
	3/9/93			10.10	4.61
	4/14/93			10.43	4.28
	5/11/93			11.05	3.66
	6/17/93			11.49	3.22
	7/26/93			11.98	2.73
	8/10/93			12.17	2.54
	9/21/93			12.42	2.29
	10/27/93			13.47	1.24
	11/23/93			12.48	2.23
	12/17/93			11.19	3.52
	2/16/94			10.62	4.09
	5/31/94			11.40	3.31
	8/30/94	16.82	***	12.32	4.50
	11/11/94			11.06	5.76
	2/27/95			10.32	6.50
	5/30/95			10.77	6.05
	8/30/95			11.92	4.90
	10/25/95			12.11	4.71
	2/24/96			9.47	7.35
	4/22/96			10.43	6.39

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	12/15/88	97.93	*		
	2/25/92			12.17	85.76
	3/25/92			11.65	86.28
	6/16/92	14.47	**	12.12	2.35
	9/8/92			12.30	2.17
	11/5/92			12.05	2.42
	12/14/92			11.65	2.82
	1/28/93			11.57	2.90
	2/11/93			12.22	2.25
	3/9/93			12.02	2.45
	4/14/93			12.02	2.45
	5/11/93			12.35	2.12
	6/17/93			12.22	2.25
	7/26/93			12.32	2.15
	8/10/93			12.30	2.17
	9/21/93			12.79	1.68
	10/27/93			13.93	0.54
	11/23/93			12.46	2.01
	12/17/93			12.08	2.39
	5/31/94			12.46	2.01
	8/30/94	16.58	***	12.72	3.86
	11/11/94			11.98	4.60
	2/27/95			11.89	4.69
	5/30/95			12.05	4.53
	8/30/95			12.34	4.24
	10/25/95			12.52	4.06
	2/24/96			11.58	5.00
	4/22/96			11.68	4.90

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	12/15/88	97.60	*		
	2/25/92			12.45	85.15
	3/25/92			12.12	85.48
	6/16/92	14.14	**	12.75	1.39
	9/8/92			12.84	1.30
	11/5/92			12.75	1.39
	12/14/92			12.40	1.74
	1/28/93			12.20	1.94
	2/11/93			12.40	1.74
	3/9/93			12.45	1.69
	4/14/93			12.43	1.71
	5/11/93			12.73	1.41
	6/17/93			12.78	1.36
	7/26/93			12.92	1.22
	8/10/93			12.97	1.17
	9/21/93			13.02	1.12
	10/27/93			13.10	1.04
	11/23/93			13.02	1.12
	12/17/93			12.65	1.49
	2/16/94			12.66	1.48
	5/31/94			12.90	1.24
	8/30/94	16.26	***	13.06	3.20
	11/11/94			15.20	1.06
	2/27/95			12.51	3.75
	5/30/95			12.57	3.69
	8/30/95			12.86	3.40
	10/25/95			12.92	3.34
	2/24/96			11.97	4.29
	4/22/96			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)
RW-1	10/16/90	97.89	*		
	2/25/92			14.40	83.49
	3/25/92			NA	NA
	6/16/92	14.42	**	12.37	2.05
9/8/92 - 5/31/94					Not Monitored
8/30/94 - 4/22/96		16.79	***		Not Monitored
RW-2 (formerly MW-6D)	10/16/90	98.11	*		
	2/25/92			16.27	81.84
	3/25/92				Not Monitored
	6/16/92	14.61	**	12.86	1.75
9/8/92 - 5/31/94					Not Monitored
	8/30/94	17.02	***		Not Monitored
11/11/94 - 4/22/96					Not Monitored
RW-3 (formerly MW-6C)	8/30/94	18.04	***		Not Monitored
11/11/94 - 4/22/96					Not Monitored
* = Based on assigned benchmark with elevation arbitrarily set at 100 feet					
** = Elevation relative to mean sea level (MSL)					
*** = Wells resurveyed 8/4/94, Benchmark is City of Oakland #37J;					
Elevation 17.68 @ intersection of Telegraph & 23rd St. jobsite					
NA = Not Available					

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-6A		Well Destroyed					
MW-6B	3/25/92	190	31	8.6	84	8.6	NA
	6/16/92	1,700	44	1.7	7.2	230	NA
	9/8/92	2,900	35	8.3	110	330	NA
	11/5/92	1,400	29	<0.5	75	190	NA
	2/11/93	210	1.2	<0.5	2.8	4.3	NA
	5/11/93	570	54	2.4	37	36	NA
	8/10/93	1,300	48	2.4	28	44	NA
	10/27/93	1,300	23	1.7	25	250	NA
	2/16/94	300	16	<0.5	3.5	2.4	NA
	5/31/94	690	21	3.9	11	36	NA
	8/30/94	260	4	0.62	0.82	4	NA
	11/11/94	300	60	2	1.2	2.4	NA
	2/27/95	180	28	2.6	0.65	1.6	NA
	5/30/95	200	23	3.6	0.88	2.3	NA
	8/30/95	120	3.8	3.6	0.61	0.69	42
	10/25/95	91	1.7	<0.5	<0.5	0.84	NA
	2/24/96	110	27	0.86	0.98	1.8	NA
	4/22/96	<50	2.3	<0.5	<0.5	<0.5	<30
MW-6E	3/25/92	830	41	1	3.8	16	NA
	6/16/92	3,400	300	23	68	510	NA
	9/8/92	480	27	<0.5	3.6	21	NA
	11/5/92	Not Sampled					
	2/11/93	270	15	<0.5	<0.5	8.7	NA
	5/11/93	<50	2.3	<0.5	1.4	3.2	NA
	8/10/93	1,700	130	2.7	23	140	NA
	10/27/93	100	6	<0.5	<0.5	<0.5	NA
	2/16/94	640	45	<0.5	12	15	NA
	5/31/94	52	1.5	0.97	<0.5	<0.5	NA
	8/30/94	920	22	0.98	5.2	33	NA
	11/11/94	910	13	2.4	13	2.5	NA
	2/27/95	<50	1.9	1.3	<0.5	0.83	NA
	5/30/95	<50	<0.5	<0.5	<0.5	<0.5	NA
	8/30/95	1,500	91	2.3	56	59	11
	10/25/95	290	7.7	<0.5	5.7	1.7	NA
	2/24/96	<50	2.2	0.77	<0.5	0.83	NA
	4/22/96	<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
	6/16/92	ND	ND	<0.5	<0.5	<0.5	NA
	9/8/92	<50	<0.5	<0.5	<0.5	<0.5	NA
	11/5/92	<50	<0.5	<0.5	<0.5	<0.5	NA
	2/11/93	<50	<0.5	<0.5	<0.5	<0.5	NA
	5/11/93	<50	<0.5	<0.5	<0.5	<0.5	NA
	8/10/93	Not Sampled					NA
	10/27/93	<50	<0.5	<0.5	<0.5	<0.5	NA
	2/16/94	<50	<0.5	<0.5	<0.5	<0.5	NA
	5/31/94	<50	<0.5	<0.5	<0.5	<0.5	NA
	8/30/94	<50	<0.5	<0.5	<0.5	<0.5	NA
	11/11/94	<50	<0.5	0.54	<0.5	<0.5	NA
	2/27/95	<50	6.2	3.0	0.82	3.5	NA
	5/30/95	<50	<0.5	<0.5	<0.5	<0.5	NA
	8/30/95	<50	<0.5	<0.5	<0.5	<0.5	<10
	10/25/95	<50	<0.5	<0.5	<0.5	<0.5	NA
	2/24/96	Not Sampled					
	4/22/96	<50	<0.5	<0.5	<0.5	<0.5	<30
MW-6G	3/25/92	ND	ND	<0.5	<0.5	<0.5	NA
	6/16/92	ND	ND	<0.5	<0.5	<0.5	NA
	9/8/92	<50	<0.5	<0.5	<0.5	<0.5	NA
	11/5/92	<50	<0.5	<0.5	<0.5	<0.5	NA
	2/11/93	<50	<0.5	<0.5	<0.5	<0.5	NA
	5/11/93	<50	<0.5	<0.5	<0.5	<0.5	NA
	8/10/93	<50	<0.5	<0.5	<0.5	<0.5	NA
	10/27/93	<50	<0.5	<0.5	<0.5	<0.5	NA
	2/16/94	<50	<0.5	<0.5	<0.5	<0.5	NA
	5/31/94	<50	<0.5	<0.5	<0.5	<0.5	NA
	8/30/94	<50	<0.5	<0.5	<0.5	<0.5	NA
	11/11/94	58	0.58	1.6	<0.5	1.6	NA
	2/27/95	<50	0.86	0.99	<0.5	0.51	NA
	5/30/95	<50	<0.5	<0.5	<0.5	<0.5	NA
	8/30/95	<50	<0.5	<0.5	<0.5	<0.5	<10
	10/25/95	<50	<0.5	<0.5	<0.5	<0.5	NA
	2/24/96	Not Sampled					
	4/22/96	<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-6H	3/25/92	920	170	52	25	54	NA
	6/16/92	460	31	11	6.8	16	NA
	9/8/92	780	69	23	17	18	NA
	11/5/92	3,400	500	260	85	160	NA
	2/11/93	2,500	410	170	28	130	NA
	5/11/93	4,200	490	270	80	210	NA
	8/10/93	650	83	22	14	29	NA
	10/27/93	1,600	130	90	29	130	NA
	2/16/94	<50	<0.5	<0.5	<0.5	2.9	NA
	5/31/94	1,800	370	220	65	210	NA
	8/30/94	1,900	130	90	19	86	NA
	11/11/94	13,000	1,700	1,400	260	1,800	NA
	2/27/95	320	450	120	28	79	NA
	5/30/95	2,300	960	260	64	200	NA
	8/30/95	2,100	590	35	24	74	50
	10/25/95	1,400	93	23	11	80	NA
	2/24/96	2,000	810	92	25	78	NA
	4/22/96	3,200	1,200	160	38	200	<30
MW-6I	3/25/92	ND	ND	<0.5	<0.5	<0.5	NA
	6/16/92	ND	ND	<0.5	<0.5	<0.5	NA
	9/8/92	<50	<0.5	<0.5	<0.5	<0.5	NA
	11/5/92	<50	<0.5	<0.5	<0.5	<0.5	NA
	2/11/93	<50	<0.5	<0.5	<0.5	<0.5	NA
	5/11/93	<50	<0.5	<0.5	<0.5	<0.5	NA
	8/10/93	<50	<0.5	<0.5	<0.5	<0.5	NA
	10/27/93	<50	<0.5	<0.5	<0.5	1.1	NA
	2/16/94	<50	<0.5	<0.5	<0.5	<0.5	NA
	5/31/94	<50	<0.5	<0.5	<0.5	<0.5	NA
	8/30/94	<50	<0.5	<0.5	<0.5	<0.5	NA
	11/11/94	53	0.62	1.8	<0.5	2.0	NA
	2/27/95	<50	<0.5	<0.5	<0.5	<0.5	NA
	5/30/95	69	2.8	0.96	1.1	4.3	NA
	8/30/95	<50	<0.5	<0.5	<0.5	<0.5	<10
	10/25/95	<50	<0.5	<0.5	<0.5	<0.5	NA
	2/24/96	<50	<0.5	<0.5	<0.5	<0.5	NA
	4/22/96	<50	<0.5	<0.5	<0.5	<0.5	<30
RW-1	6/16/92	6,200	620	1,400	240	1,400	NA
	9/8/92 - 4/22/96	Not Sampled					

Those data previously reported for MW-6I

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-2	3/25/92	NA	NA	NA	NA	NA	NA
	6/16/92	28,000	2,900	1,000	120	2,700	NA
	9/8/92 - 4/22/96	Not Sampled					
RW-3	8/30/94 - 4/22/96	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							

B C Analytical

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

ANALYTICAL REPORT

LOG NO: G96-04-505

Received: 23 APR 96

Mailed: APR 30 1996

Purchase Order: 94-1446346+4370

Requisition: 624880195
Project: FKEP1015L

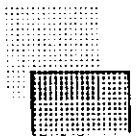
Ms. Caron French
Blaine Tech Services
985 Timothy Drive
San Jose, California 95133

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	
1*T1992 MW6B NP	04/22/96	04/25/96	1	<50	3.1	<0.5	<0.5	<0.5	C6-C12
2*T1992 MW6E NP	04/22/96	04/24/96	1	<50	<0.5	<0.5	<0.5	<0.5	C6-C12
3*T1992 MW6F NP	04/22/96	04/24/96	1	<50	<0.5	<0.5	<0.5	<0.5	C6-C12
4*T1992 MW6G NP	04/22/96	04/24/96	1	<50	<0.5	<0.5	<0.5	<0.5	C6-C12
5*T1992 MW6H NP	04/22/96	04/24/96	20	3300	1300	55	27	110	C6-C12
6*T1992 MW6I NP	04/22/96	04/24/96	1	<50	<0.5	<0.5	<0.5	<0.5	C6-C12
7*T1992 MW6B PP	04/22/96	04/25/96	1	<50	2.3	<0.5	<0.5	<0.5	C6-C12
8*T1992 MW6E PP	04/22/96	04/24/96	1	<50	<0.5	<0.5	<0.5	<0.5	C6-C12
9*T1992 MW6F PP	04/22/96	04/24/96	1	<50	<0.5	<0.5	<0.5	<0.5	C6-C12
10*T1992 MW6G PP	04/22/96	04/24/96	1	<50	<0.5	<0.5	<0.5	<0.5	C6-C12
11*T1992 MW6H PP	04/22/96	04/24/96	10	3200	1200	160	38	200	C6-C12
12*T1992 MW6I PP	04/22/96	04/24/96	1	<50	<0.5	<0.5	<0.5	<0.5	C6-C12
13*T1992 MW6H NPD	04/22/96	04/24/96	10	2600	1200	49	30	9.4	C6-C12

Karen Petryna
2225 Telegraph Ave., Oakland
Alameda County



B C Analytical

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

ANALYTICAL REPORT

LOG NO: G96-04-505

Received: 23 APR 96

Ms. Caron French
Blaine Tech Services
985 Timothy Drive
San Jose, California 95133

Purchase Order: 94-1446346+4370

Requisition: 624880195
Project: FKEP1015L

REPORT OF ANALYTICAL RESULTS

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: Blaine Tech Services 9604505 :
BC ANALYTICAL : GLEN LAB : 17:05:20 30 APR 1996 - P. 1 :

MPLES...	SAMPLE DESCRIPTION..	DETERM.....	DATE..... ANALYZED	METHOD.....	EQUIP.	BATCH..	ID.NO
04505*1	T1992 MW6B NP	GAS.BTX.TESNC	04.25.96	8015M.TX	536-23	96559	8171
04505*2	T1992 MW6E NP	GAS.BTX.TESNC	04.24.96	8015M.TX	536-23	96558	8171
04505*3	T1992 MW6F NP	GAS.BTX.TESNC	04.24.96	8015M.TX	536-23	96558	8171
04505*4	T1992 MW6G NP	GAS.BTX.TESNC	04.24.96	8015M.TX	536-23	96558	8171
04505*5	T1992 MW6H NP	GAS.BTX.TESNC	04.24.96	8015M.TX	536-23	96558	8171
04505*6	T1992 MW6I NP	GAS.BTX.TESNC	04.24.96	8015M.TX	536-23	96558	8171
04505*7	T1992 MW6B PP	GAS.BTX.TESNC	04.25.96	8015M.TX	536-36	96656	6843
04505*8	T1992 MW6E PP	GAS.BTX.TESNC	04.24.96	8015M.TX	536-36	96656	6843
04505*9	T1992 MW6F PP	GAS.BTX.TESNC	04.24.96	8015M.TX	536-36	96656	6843
04505*10	T1992 MW6G PP	GAS.BTX.TESNC	04.24.96	8015M.TX	536-36	96656	6843
04505*11	T1992 MW6H PP	GAS.BTX.TESNC	04.24.96	8015M.TX	536-36	96656	6843
04505*12	T1992 MW6I PP	GAS.BTX.TESNC	04.24.96	8015M.TX	536-36	96656	6843
04505*13	T1992 MW6H NPD	GAS.BTX.TESNC	04.24.96	8015M.TX	536-36	96656	6843

*

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 G9604505

ATE REPORTED : 04/30/96

LABORATORY CONTROL STANDARDS
FOR BATCHES WHICH INCLUDE THIS ORDER

ARAMETER		DATE ANALYZED	BATCH NUMBER	LC RESULT	LT RESULT	UNIT	PERCENT RECOVERY
. GRO	C6042904*1						
Date Analyzed		04.24.96	96559	04/24/96	04/24/96	Date	N/A
Benzene		04.24.96	96559	15.8	15.2	ug/L	104
Toluene		04.24.96	96559	95.3	97.4	ug/L	98
Ethylbenzene		04.24.96	96559	19.7	20.4	ug/L	97
Total Xylene Isomers		04.24.96	96559	117	119	ug/L	98
TPH (Gasoline Range)		04.24.96	96559	1180	1100	ug/L	107
a,a,a-Trifluorotoluene	Rep.	04.24.96	96559	56.8	50.0	ug/L	114
a,a,a-Trifluorotoluene	Th.	04.24.96	96559	50.0	50.0	ug/L	100
. GRO	C6042740*1						
Date Analyzed		04.23.96	96558	04/23/96	04/23/96	Date	N/A
Benzene		04.23.96	96558	17.2	15.2	ug/L	113
Toluene		04.23.96	96558	103	97.4	ug/L	106
Ethylbenzene		04.23.96	96558	21.5	20.4	ug/L	105
Total Xylene Isomers		04.23.96	96558	128	119	ug/L	108
TPH (Gasoline Range)		04.23.96	96558	1200	1100	ug/L	109
a,a,a-Trifluorotoluene	Rep.	04.23.96	96558	59.0	50.0	ug/L	118
a,a,a-Trifluorotoluene	Th.	04.23.96	96558	50.0	50.0	ug/L	100
. GRO	C6042747*1						
Date Analyzed		04.24.96	96656	04/24/96	04/24/96	Date	N/A
Benzene		04.24.96	96656	16.0	15.2	ug/L	105
Toluene		04.24.96	96656	91.7	97.4	ug/L	94
Ethylbenzene		04.24.96	96656	19.2	20.4	ug/L	94
Total Xylene Isomers		04.24.96	96656	108	119	ug/L	91
TPH (Gasoline Range)		04.24.96	96656	1070	1100	ug/L	97
a,a,a-Trifluorotoluene	Rep.	04.24.96	96656	51.4	50.0	ug/L	103
a,a,a-Trifluorotoluene	Th.	04.24.96	96656	50.0	50.0	ug/L	100

BC ANALYTICAL

ORDER QC REPORT FOR G9604505

ATE REPORTED : 04/30/96

MATRIX QC ACCURACY (SPIKES)
BATCH QC REPORT

ARAMETER	SAMPLE NUMBER	DATE ANALYZED	BATCH NUMBER	MS %	MSD %	TRUE RESULT	UNIT
. GRO	9604506*3						
Benzene		04.25.96	96559	102	99	15.2	ug/L
Toluene		04.25.96	96559	99	95	97.4	ug/L
Ethylbenzene		04.25.96	96559	96	94	20.4	ug/L
Total Xylene Isomers		04.25.96	96559	97	96	119	ug/L
TPH (Gasoline Range)		04.25.96	96559	109	108	1100	ug/L
a,a,a-Trifluorotoluene	Rep.	04.25.96	96559	115	109	50.0	ug/L
a,a,a-Trifluorotoluene	Th.	04.25.96	96559	100	100	50.0	ug/L
. GRO	9604503*3						
Benzene		04.24.96	96558	111	113	15.2	ug/L
Toluene		04.24.96	96558	107	110	97.4	ug/L
Ethylbenzene		04.24.96	96558	103	106	20.4	ug/L
Total Xylene Isomers		04.24.96	96558	106	108	119	ug/L
TPH (Gasoline Range)		04.24.96	96558	102	100	1100	ug/L
a,a,a-Trifluorotoluene	Rep.	04.24.96	96558	102	110	50.0	ug/L
a,a,a-Trifluorotoluene	Th.	04.24.96	96558	100	100	50.0	ug/L
. GRO	9604505*8						
Benzene		04.24.96	96656	107	107	15.2	ug/L
Toluene		04.24.96	96656	93	94	97.4	ug/L
Ethylbenzene		04.24.96	96656	95	95	20.4	ug/L
Total Xylene Isomers		04.24.96	96656	92	92	119	ug/L
TPH (Gasoline Range)		04.24.96	96656	97	97	1100	ug/L
a,a,a-Trifluorotoluene	Rep.	04.24.96	96656	104	105	50.0	ug/L
a,a,a-Trifluorotoluene	Th.	04.24.96	96656	100	100	50.0	ug/L

BC ANALYTICAL

ORDER QC REPORT FOR G9604505

ATE REPORTED : 04/30/96

MATRIX QC PRECISION (DUPLICATE SPIKES)
BATCH QC REPORT

ARAMETER	SAMPLE NUMBER	DATE ANALYZED	BATCH NUMBER	MS RESULT	MSD RESULT	UNIT	RELATIVE % DIFF
. GRO	9604506*3						
Date Analyzed		04.25.96	96559	04/25/96	04/25/96	Date	N/A
Benzene		04.25.96	96559	15.5	15.0	ug/L	3
Toluene		04.25.96	96559	96.0	92.7	ug/L	3
Ethylbenzene		04.25.96	96559	19.5	19.1	ug/L	2
Total Xylene Isomers		04.25.96	96559	115	114	ug/L	1
TPH (Gasoline Range)		04.25.96	96559	1200	1190	ug/L	1
a,a,a-Trifluorotoluene Rep.		04.25.96	96559	57.6	54.4	ug/L	6
a,a,a-Trifluorotoluene Th.		04.25.96	96559	50.0	50.0	ug/L	0
. GRO	9604503*3						
Date Analyzed		04.24.96	96558	04/24/96	04/24/96	Date	N/A
Benzene		04.24.96	96558	16.8	17.2	ug/L	2
Toluene		04.24.96	96558	104	107	ug/L	3
Ethylbenzene		04.24.96	96558	21.0	21.6	ug/L	3
Total Xylene Isomers		04.24.96	96558	126	129	ug/L	2
TPH (Gasoline Range)		04.24.96	96558	1120	1100	ug/L	2
a,a,a-Trifluorotoluene Rep.		04.24.96	96558	51.0	54.8	ug/L	7
a,a,a-Trifluorotoluene Th.		04.24.96	96558	50.0	50.0	ug/L	0
. GRO	9604505*8						
Date Analyzed		04.24.96	96656	04/24/96	04/24/96	Date	N/A
Benzene		04.24.96	96656	16.2	16.3	ug/L	1
Toluene		04.24.96	96656	90.6	91.6	ug/L	1
Ethylbenzene		04.24.96	96656	19.4	19.4	ug/L	0
Total Xylene Isomers		04.24.96	96656	110	110	ug/L	0
TPH (Gasoline Range)		04.24.96	96656	1070	1070	ug/L	0
a,a,a-Trifluorotoluene Rep.		04.24.96	96656	52.2	52.5	ug/L	1
a,a,a-Trifluorotoluene Th.		04.24.96	96656	50.0	50.0	ug/L	0

BC ANALYTICAL

ORDER QC REPORT FOR G9604505

ATE REPORTED : 04/30/96

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

ARAMETER	DATE ANALYZED	BATCH NUMBER	BLANK RESULT	RDL	UNIT	METHOD
. GRO B6041566*1						
Date Analyzed	04.25.96	96559	04/25/96	NA	Date	8015M.TX
Benzene	04.25.96	96559	0	0.5	ug/L	8015M.TX
Toluene	04.25.96	96559	0	0.5	ug/L	8015M.TX
Ethylbenzene	04.25.96	96559	0	0.5	ug/L	8015M.TX
Total Xylene Isomers	04.25.96	96559	0	0.5	ug/L	8015M.TX
TPH (Gasoline Range)	04.25.96	96559	0	50	ug/L	8015M.TX
a,a,a-Trifluorotoluene Rep.	04.25.96	96559	50.2	NA	ug/L	8015M.TX
a,a,a-Trifluorotoluene Th.	04.25.96	96559	50.0	NA	ug/L	8015M.TX
. GRO B6041470*1						
Date Analyzed	04.24.96	96558	04/24/96	NA	Date	8015M.TX
Benzene	04.24.96	96558	0	0.5	ug/L	8015M.TX
Toluene	04.24.96	96558	0.21	0.5	ug/L	8015M.TX
Ethylbenzene	04.24.96	96558	0	0.5	ug/L	8015M.TX
Total Xylene Isomers	04.24.96	96558	0	0.5	ug/L	8015M.TX
TPH (Gasoline Range)	04.24.96	96558	0	50	ug/L	8015M.TX
a,a,a-Trifluorotoluene Rep.	04.24.96	96558	49.8	NA	ug/L	8015M.TX
a,a,a-Trifluorotoluene Th.	04.24.96	96558	50.0	NA	ug/L	8015M.TX
. GRO B6041476*1						
Date Analyzed	04.24.96	96656	04/24/96	NA	Date	8015M.TX
Benzene	04.24.96	96656	0	0.5	ug/L	8015M.TX
Toluene	04.24.96	96656	0	0.5	ug/L	8015M.TX
Ethylbenzene	04.24.96	96656	0	0.5	ug/L	8015M.TX
Total Xylene Isomers	04.24.96	96656	0	0.5	ug/L	8015M.TX
TPH (Gasoline Range)	04.24.96	96656	0	50	ug/L	8015M.TX
a,a,a-Trifluorotoluene Rep.	04.24.96	96656	49.8	NA	ug/L	8015M.TX
a,a,a-Trifluorotoluene Th.	04.24.96	96656	50.0	NA	ug/L	8015M.TX

SURROGATE RECOVERIES :
BC ANALYTICAL : GLEN LAB : 17:08:25 30 APR 1996 - P. 1 :

ETHOD	ANALYTE	BATCH	ANALYZED	REPORTED	TRUE	%REC	FLAG
504505*1							
015M.TX	a,a,a-Trifluorotoluene	Re96559	04/25/96	50.2	50.0	100	
504505*2							
015M.TX	a,a,a-Trifluorotoluene	Re96558	04/24/96	51.0	50.0	102	
504505*3							
015M.TX	a,a,a-Trifluorotoluene	Re96558	04/24/96	48.9	50.0	98	
504505*4							
015M.TX	a,a,a-Trifluorotoluene	Re96558	04/24/96	49.9	50.0	100	
504505*5							
015M.TX	a,a,a-Trifluorotoluene	Re96558	04/24/96	988	1000	99	
504505*6							
015M.TX	a,a,a-Trifluorotoluene	Re96558	04/24/96	51.9	50.0	104	
504505*7							
015M.TX	a,a,a-Trifluorotoluene	Re96656	04/25/96	50.1	50.0	100	
504505*8							
015M.TX	a,a,a-Trifluorotoluene	Re96656	04/24/96	50.2	50.0	100	
504505*9							
015M.TX	a,a,a-Trifluorotoluene	Re96656	04/24/96	51.4	50.0	103	
504505*10							
015M.TX	a,a,a-Trifluorotoluene	Re96656	04/24/96	51.6	50.0	103	
504505*11							
015M.TX	a,a,a-Trifluorotoluene	Re96656	04/24/96	509	500	102	
504505*12							
015M.TX	a,a,a-Trifluorotoluene	Re96656	04/24/96	49.8	50.0	100	
504505*13							
015M.TX	a,a,a-Trifluorotoluene	Re96656	04/24/96	508	500	102	

SURROGATE RECOVERIES :
BC ANALYTICAL : GLEN LAB : 17:08:26 30 APR 1996 - P. 1 :

THOD ANALYTE	BATCH	ANALYZED	REPORTED	TRUE	%REC	FLAG
04503*3*R1						
15M.TXa,a,a-Trifluorotoluene	Re96558	04/24/96	46.5	50.0	93	
04503*3*S1						
15M.TXa,a,a-Trifluorotoluene	Re96558	04/24/96	51.0	50.0	102	
04503*3*S2						
15M.TXa,a,a-Trifluorotoluene	Re96558	04/24/96	54.8	50.0	110	
04503*3*T						
15M.TXa,a,a-Trifluorotoluene	Re96558	04/24/96	50.0	50.0	100	
04505*8*R1						
15M.TXa,a,a-Trifluorotoluene	Re96656	04/24/96	50.2	50.0	100	
04505*8*S1						
15M.TXa,a,a-Trifluorotoluene	Re96656	04/24/96	52.2	50.0	104	
04505*8*S2						
15M.TXa,a,a-Trifluorotoluene	Re96656	04/24/96	52.5	50.0	105	
04505*8*T						
15M.TXa,a,a-Trifluorotoluene	Re96656	04/24/96	50.0	50.0	100	
04506*3*R1						
15M.TXa,a,a-Trifluorotoluene	Re96559	04/25/96	51.3	50.0	103	
04506*3*S1						
15M.TXa,a,a-Trifluorotoluene	Re96559	04/25/96	57.6	50.0	115	
04506*3*S2						
15M.TXa,a,a-Trifluorotoluene	Re96559	04/25/96	54.4	50.0	109	
04506*3*T						
15M.TXa,a,a-Trifluorotoluene	Re96559	04/25/96	50.0	50.0	100	
041470*1*MB						
15M.TXa,a,a-Trifluorotoluene	Re96558	04/24/96	49.8	50.0	100	
041476*1*MB						
15M.TXa,a,a-Trifluorotoluene	Re96656	04/24/96	49.8	50.0	100	

SURROGATE RECOVERIES :
BC ANALYTICAL : GLEN LAB : 17:08:26 30 APR 1996 - P. 2 :

ETHOD	ANALYTE	BATCH	ANALYZED	REPORTED	TRUE	%REC	FLAG
5041566*1*MB							
015M.TX	a,a,a-Trifluorotoluene	Re96559	04/25/96	50.2	50.0	100	
5042740*1*LC							
015M.TX	a,a,a-Trifluorotoluene	Re96558	04/23/96	59.0	50.0	118	
5042740*1*LT							
015M.TX	a,a,a-Trifluorotoluene	Re96558	04/23/96	50.0	50.0	100	
5042747*1*LC							
015M.TX	a,a,a-Trifluorotoluene	Re96656	04/24/96	51.4	50.0	103	
5042747*1*LT							
015M.TX	a,a,a-Trifluorotoluene	Re96656	04/24/96	50.0	50.0	100	
5042904*1*LC							
015M.TX	a,a,a-Trifluorotoluene	Re96559	04/24/96	56.8	50.0	114	
5042904*1*LT							
015M.TX	a,a,a-Trifluorotoluene	Re96559	04/24/96	50.0	50.0	100	

WSPA 1112 G9604505 ~~G9604 506 506~~ 505

Chain-of-Custody

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

G9604505

Forward Results to the Attention of Rebecca Digerness
Texaco Project Corordinator: Karen Petryna

Site Name: Texaco Loc# 624880195
Site Address: 2225 Telegraph Ave, Oakland, CA
Contractor Project Number: 960422S1
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)~~ 7 DAY TAT
Samplers (PRINT NAME): [illegible]
Sampler Signature: [signature]
Date Samples Collected: 4/22/96

624880195 Alameda FKEP 10151
Refer to KEP order # G9604504

T1992

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	~~MTBE~~ 4/23/96		Comments
MW6B NP		4/22	1115	3	VOA	W	HCL	X								X	-1	
MW6E NP		↓	1134	3	↓	↓	↓	X								X	-2	Temp 4°C
MW6F NP		↓	1014	3	↓	↓	↓	X								X	-3	condition good.
MW6G NP		↓	1045	3	↓	↓	↓	X								X	-4	
MW6H NP		↓	1158	3	↓	↓	↓	X								X	-5	
MW6I NP		↓	0946	3	↓	↓	↓	X								X	-6	
MW6B PP		↓	1126	3	↓	↓	↓	X								X	-7	
MW6E PP		↓	1151	3	↓	↓	↓	X								X	-8	
MW6F PP		↓	1035	3	↓	↓	↓	X								X	-9	
MW6G PP		↓	1101	3	↓	↓	↓	X								X	-10	
MW6H PP		↓	1216	3	↓	↓	↓	X								X	-11	
MW6I PP		↓	1002	3	↓	↓	↓	X								X	-12	

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	4-23	1415	Bill Lyons	4-23-96	215
Bill Lyons	4-23-96	315	A. Paelkey	4-23-96	3:30
A. Paelkey	4-23-96	4:00			

Method of Shipment:

Lab Comments:

1 of 3

ANALYTICAL REPORT

B C Analytical

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

LOG NO: G96-04-504

Received: 23 APR 96

Mailed: APR 30 1996

Ms. Caron French
Blaine Tech Services
985 Timothy Drive
San Jose, California 95133

Purchase Order: 94-1446346+4370

Requisition: 624880195
Project: FKEP1015L

REPORT OF ANALYTICAL RESULTS

LOG NO	04-504-1	04-504-2	04-504-3
DATE SAMPLED	22 APR 96	22 APR 96	22 APR 96
SAMPLE DESCRIPTION	T1992 MW6B NP	T1992 MW6E NP	T1992 MW6F NP
AQUEOUS			
MTBE (8020)			
Date Analyzed	04/25/96	04/24/96	04/24/96
Dilution Factor, Times	1	1	1
Methyl-tert-butylether, ug/L	<30	<30	<30
Surrogates **			
a,a,a-Trifluorotoluene Rep., ug/L	50.2	51.0	48.9
a,a,a-Trifluorotoluene Th., ug/L	50.0	50.0	50.0

Karen Petryna
2225 Telegraph Ave., Oakland
Alameda County

LOG NO: G96-04-504

Received: 23 APR 96

Ms. Caron French
Blaine Tech Services
985 Timothy Drive
San Jose, California 95133

Purchase Order: 94-1446346+4370

Requisition: 624880195
Project: FKEP1015L

REPORT OF ANALYTICAL RESULTS

LOG NO	04-504-4	04-504-5	04-504-6
DATE SAMPLED	22 APR 96	22 APR 96	22 APR 96
SAMPLE DESCRIPTION	T1992 MW6G NP	T1992 MW6H NP	T1992 MW6I NP
AQUEOUS			
MTBE (8020)			
Date Analyzed	04/24/96	04/25/96	04/24/96
Dilution Factor, Times	1	1	1
Methyl-tert-butylether, ug/L	<30	<30	<30
Surrogates **			
a,a,a-Trifluorotoluene Rep., ug/L	49.9	49.6	51.9
a,a,a-Trifluorotoluene Th., ug/L	50.0	50.0	50.0

LOG NO: G96-04-504

Received: 23 APR 96

Ms. Caron French
Blaine Tech Services
985 Timothy Drive
San Jose, California 95133

Purchase Order: 94-1446346+4370

Requisition: 624880195
Project: FKEP1015L

REPORT OF ANALYTICAL RESULTS

LOG NO	04-504-7	04-504-8	04-504-9
DATE SAMPLED	22 APR 96	22 APR 96	22 APR 96
SAMPLE DESCRIPTION	T1992 MW6B PP	T1992 MW6E PP	T1992 MW6F PP
AQUEOUS			
MTBE (8020)			
Date Analyzed	04/25/96	04/24/96	04/24/96
Dilution Factor, Times	1	1	1
Methyl-tert-butylether, ug/L	<30	<30	<30
Surrogates **			
a,a,a-Trifluorotoluene Rep., ug/L	50.1	50.2	51.4
a,a,a-Trifluorotoluene Th., ug/L	50.0	50.0	50.0

LOG NO: G96-04-504

Received: 23 APR 96

Ms. Caron French
Blaine Tech Services
985 Timothy Drive
San Jose, California 95133

Purchase Order: 94-1446346+4370

Requisition: 624880195
Project: FKEP1015L

REPORT OF ANALYTICAL RESULTS

LOG NO	04-504-10	04-504-11	04-504-12
DATE SAMPLED	22 APR 96	22 APR 96	22 APR 96
SAMPLE DESCRIPTION	T1992 MW6G PP	T1992 MW6H PP	T1992 MW6I PP
AQUEOUS			
MTBE (8020)			
Date Analyzed	04/24/96	04/25/96	04/24/96
Dilution Factor, Times	1	1	1
Methyl-tert-butylether, ug/L	<30	<30	<30
Surrogates **			
a,a,a-Trifluorotoluene Rep., ug/L	51.6	53.7	49.8
a,a,a-Trifluorotoluene Th., ug/L	50.0	50.0	50.0

LOG NO: G96-04-504

Received: 23 APR 96

Ms. Caron French
Blaine Tech Services
985 Timothy Drive
San Jose, California 95133

Purchase Order: 94-1446346+4370

Requisition: 624880195
Project: FKEP1015L

REPORT OF ANALYTICAL RESULTS

LOG NO		04-504-13	
DATE SAMPLED		22 APR 96	
SAMPLE DESCRIPTION		T1992 MW6H NPD	
AQUEOUS			
MTBE (8020)			
Date Analyzed		04/25/96	
Dilution Factor, Times		1	
Methyl-tert-butylether, ug/L		<30	
Surrogates **			
a,a,a-Trifluorotoluene Rep., ug/L		53.5	
a,a,a-Trifluorotoluene Th., ug/L		50.0	

Dick Swenson, Laboratory Director

ORDER PLACED FOR CLIENT: Blaine Tech Services 9604504 :
BC ANALYTICAL : GLEN LAB : 17:12:36 30 APR 1996 - P. 1 :

AMPLES...	SAMPLE DESCRIPTION..	DETERM.....	DATE..... ANALYZED	METHOD.....	EQUIP.	BATCH..	ID.NO
604504*1	T1992 MW6B NP	GAS,MTBE	04.25.96	8020	536-23	96559	8171
604504*2	T1992 MW6E NP	GAS,MTBE	04.24.96	8020	536-23	96558	8171
604504*3	T1992 MW6F NP	GAS,MTBE	04.24.96	8020	536-23	96558	8171
604504*4	T1992 MW6G NP	GAS,MTBE	04.24.96	8020	536-23	96558	8171
604504*5	T1992 MW6H NP	GAS,MTBE	04.25.96	8020	536-23	96559	8171
604504*6	T1992 MW6I NP	GAS,MTBE	04.25.96	8020	536-23	96558	8171
604504*7	T1992 MW6B PP	GAS,MTBE	04.25.96	8020	536-36	96656	6843
604504*8	T1992 MW6E PP	GAS,MTBE	04.24.96	8020	536-36	96656	6843
604504*9	T1992 MW6F PP	GAS,MTBE	04.24.96	8020	536-36	96656	6843
604504*10	T1992 MW6G PP	GAS,MTBE	04.24.96	8020	536-36	96656	6843
604504*11	T1992 MW6H PP	GAS,MTBE	04.25.96	8020	536-36	96656	6843
604504*12	T1992 MW6I PP	GAS,MTBE	04.24.96	8020	536-36	96656	6843
604504*13	T1992 MW6H NPD	GAS,MTBE	04.25.96	8020	536-36	96656	6843

**

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 G9604505

ATE REPORTED : 04/30/96

LABORATORY CONTROL STANDARDS
FOR BATCHES WHICH INCLUDE THIS ORDER

ARAMETER		DATE ANALYZED	BATCH NUMBER	LC RESULT	LT RESULT	UNIT	PERCENT RECOVERY
. GRO	C6042904*1						
Date Analyzed		04.24.96	96559	04/24/96	04/24/96	Date	N/A
Benzene		04.24.96	96559	15.8	15.2	ug/L	104
Toluene		04.24.96	96559	95.3	97.4	ug/L	98
Ethylbenzene		04.24.96	96559	19.7	20.4	ug/L	97
Total Xylene Isomers		04.24.96	96559	117	119	ug/L	98
TPH (Gasoline Range)		04.24.96	96559	1180	1100	ug/L	107
a,a,a-Trifluorotoluene	Rep.	04.24.96	96559	56.8	50.0	ug/L	114
a,a,a-Trifluorotoluene	Th.	04.24.96	96559	50.0	50.0	ug/L	100
. GRO	C6042740*1						
Date Analyzed		04.23.96	96558	04/23/96	04/23/96	Date	N/A
Benzene		04.23.96	96558	17.2	15.2	ug/L	113
Toluene		04.23.96	96558	103	97.4	ug/L	106
Ethylbenzene		04.23.96	96558	21.5	20.4	ug/L	105
Total Xylene Isomers		04.23.96	96558	128	119	ug/L	108
TPH (Gasoline Range)		04.23.96	96558	1200	1100	ug/L	109
a,a,a-Trifluorotoluene	Rep.	04.23.96	96558	59.0	50.0	ug/L	118
a,a,a-Trifluorotoluene	Th.	04.23.96	96558	50.0	50.0	ug/L	100
. GRO	C6042747*1						
Date Analyzed		04.24.96	96656	04/24/96	04/24/96	Date	N/A
Benzene		04.24.96	96656	16.0	15.2	ug/L	105
Toluene		04.24.96	96656	91.7	97.4	ug/L	94
Ethylbenzene		04.24.96	96656	19.2	20.4	ug/L	94
Total Xylene Isomers		04.24.96	96656	108	119	ug/L	91
TPH (Gasoline Range)		04.24.96	96656	1070	1100	ug/L	97
a,a,a-Trifluorotoluene	Rep.	04.24.96	96656	51.4	50.0	ug/L	103
a,a,a-Trifluorotoluene	Th.	04.24.96	96656	50.0	50.0	ug/L	100

BC ANALYTICAL

ORDER QC REPORT FOR G9604505

ATE REPORTED : 04/30/96

MATRIX QC ACCURACY (SPIKES)
BATCH QC REPORT

ARAMETER	SAMPLE NUMBER	DATE ANALYZED	BATCH NUMBER	MS %	MSD %	TRUE RESULT	UNIT
GRO	9604506*3						
Benzene		04.25.96	96559	102	99	15.2	ug/L
Toluene		04.25.96	96559	99	95	97.4	ug/L
Ethylbenzene		04.25.96	96559	96	94	20.4	ug/L
Total Xylene Isomers		04.25.96	96559	97	96	119	ug/L
TPH (Gasoline Range)		04.25.96	96559	109	108	1100	ug/L
a,a,a-Trifluorotoluene	Rep.	04.25.96	96559	115	109	50.0	ug/L
a,a,a-Trifluorotoluene	Th.	04.25.96	96559	100	100	50.0	ug/L
GRO	9604503*3						
Benzene		04.24.96	96558	111	113	15.2	ug/L
Toluene		04.24.96	96558	107	110	97.4	ug/L
Ethylbenzene		04.24.96	96558	103	106	20.4	ug/L
Total Xylene Isomers		04.24.96	96558	106	108	119	ug/L
TPH (Gasoline Range)		04.24.96	96558	102	100	1100	ug/L
a,a,a-Trifluorotoluene	Rep.	04.24.96	96558	102	110	50.0	ug/L
a,a,a-Trifluorotoluene	Th.	04.24.96	96558	100	100	50.0	ug/L
GRO	9604505*8						
Benzene		04.24.96	96656	107	107	15.2	ug/L
Toluene		04.24.96	96656	93	94	97.4	ug/L
Ethylbenzene		04.24.96	96656	95	95	20.4	ug/L
Total Xylene Isomers		04.24.96	96656	92	92	119	ug/L
TPH (Gasoline Range)		04.24.96	96656	97	97	1100	ug/L
a,a,a-Trifluorotoluene	Rep.	04.24.96	96656	104	105	50.0	ug/L
a,a,a-Trifluorotoluene	Th.	04.24.96	96656	100	100	50.0	ug/L

BC ANALYTICAL

ORDER QC REPORT FOR G9604505

ATE REPORTED : 04/30/96

MATRIX QC PRECISION (DUPLICATE SPIKES)
BATCH QC REPORT

ARAMETER	SAMPLE NUMBER	DATE ANALYZED	BATCH NUMBER	MS RESULT	MSD RESULT	UNIT	RELATIVE % DIFF
. GRO	9604506*3						
Date Analyzed		04.25.96	96559	04/25/96	04/25/96	Date	N/A
Benzene		04.25.96	96559	15.5	15.0	ug/L	3
Toluene		04.25.96	96559	96.0	92.7	ug/L	3
Ethylbenzene		04.25.96	96559	19.5	19.1	ug/L	2
Total Xylene Isomers		04.25.96	96559	115	114	ug/L	1
TPH (Gasoline Range)		04.25.96	96559	1200	1190	ug/L	1
a,a,a-Trifluorotoluene	Rep.	04.25.96	96559	57.6	54.4	ug/L	6
a,a,a-Trifluorotoluene	Th.	04.25.96	96559	50.0	50.0	ug/L	0
. GRO	9604503*3						
Date Analyzed		04.24.96	96558	04/24/96	04/24/96	Date	N/A
Benzene		04.24.96	96558	16.8	17.2	ug/L	2
Toluene		04.24.96	96558	104	107	ug/L	3
Ethylbenzene		04.24.96	96558	21.0	21.6	ug/L	3
Total Xylene Isomers		04.24.96	96558	126	129	ug/L	2
TPH (Gasoline Range)		04.24.96	96558	1120	1100	ug/L	2
a,a,a-Trifluorotoluene	Rep.	04.24.96	96558	51.0	54.8	ug/L	7
a,a,a-Trifluorotoluene	Th.	04.24.96	96558	50.0	50.0	ug/L	0
. GRO	9604505*8						
Date Analyzed		04.24.96	96656	04/24/96	04/24/96	Date	N/A
Benzene		04.24.96	96656	16.2	16.3	ug/L	1
Toluene		04.24.96	96656	90.6	91.6	ug/L	1
Ethylbenzene		04.24.96	96656	19.4	19.4	ug/L	0
Total Xylene Isomers		04.24.96	96656	110	110	ug/L	0
TPH (Gasoline Range)		04.24.96	96656	1070	1070	ug/L	0
a,a,a-Trifluorotoluene	Rep.	04.24.96	96656	52.2	52.5	ug/L	1
a,a,a-Trifluorotoluene	Th.	04.24.96	96656	50.0	50.0	ug/L	0

BC ANALYTICAL

ORDER QC REPORT FOR G9604504

ATE REPORTED : 04/30/96

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

ARAMETER		DATE ANALYZED	BATCH NUMBER	BLANK RESULT	RDL	UNIT	METHOD
. MTBE	B6041473*1						
Date Analyzed		04.24.96	96656	04/24/96	NA	Date	8020
Methyl-tert-butylether		04.24.96	96656	0	NA	ug/L	8020
a,a,a-Trifluorotoluene	Rep.	04.24.96	96656	49.8	0.5	ug/L	8020
a,a,a-Trifluorotoluene	Th.	04.24.96	96656	50.0	NA	ug/L	8020

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

WSPA-T1992

Site Name: Texaco Loc# 624880195
Site Address: 2225 Telegraph Ave, Oakland, CA
Contractor Project Number: 960422S1
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)~~ 4 DAY TAT
Samplers (PRINT NAME): [signature]
Sampler Signature: [signature]
Date Samples Collected: 04/22/96

G9604504

624880195
Alameda
FREP0150
KEP

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	MTBE 8240/624		Comments
T1992 MW6B NP		4/22 1115	2	VOA	W	HCL									X	-1	
T1992 MW6B NP		1134	2													-2	Temp 4C
T1992 MW6F NP	~~4014~~	1014	2													-3	Condition good.
T1992 MW6G NP	~~1045~~	1045	2													-4	
T1992 MW6H NP		1158	2													-5	
T1992 MW6I NP	~~0946~~	0946	2													-6	
T1992 MW6B PP		1126	2													-7	
T1992 MW6E PP		1151	2													-8	
T1992 MW6F PP	~~1035~~	1035	2													-9	
T1992 MW6G PP	1101	1101	2													-10	
T1992 MW6H PP		1216	2													-11	
T1992 MW6I PP	~~1040~~	1040	2												★	-12	

Relinquished by: (Signature)	[signature]	Date: 4/23/96	Time: 2:15
Relinquished by: (Signature)	Bill Lyons	Date: 4-23-96	Time: 3:15
Relinquished by: (Signature)	A. Parella	Date: 4-23-96	Time: 4:00
Method of Shipment:			

Received by: (Signature)	Bill Lyons	Date: 4/23/96	Time: 2:15
Received by: (Signature)	A. Parella	Date: 4/23/96	Time: 3:30
Received by: (Signature)		Date:	Time:
Lab Comments:			

P:\GWMP\FORMS\TEX-COC.XLS
T1992MW6HNPD

1158 2

MTBE
X -12

Well Gauging Data

Project Name: 624880195
Project Number: 96042251

Date: 04/22/96
Recorded By: SCHAUD

Well ID	TOC Elev.	DTB (ft. TOC)	Well Dia. (in.)	DTP (ft.)	DTW (ft.)	PT (ft.)	Comments
MW 6B		16.22	2		12.71		
MW 6E		19.53	4		12.45		
MW 6F		19.64	4		12.56		
MW 6-6		19.71	4		10.63		
MW6-H		19.63	4		11.68		
MW-6I		19.25	4		12.35		

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

WSPA PURGING STUDY

WATER SAMPLE FIELD DATA SHEET

SITE #: T1992 | PURGED BY: SHAWN | WELL I.D.: MW-6I

CLIENT NAME: TEXACO | SAMPLED BY: SHAWN | SAMPLE I.D.: T1992 MW6I

LOCATION: 2225 TELEGRAPH | QA SAMPLES: _____

DATE PURGED 04/22/96 | START (2400hr) 0952 | END (2400hr) 0955

DATE SAMPLED 04/22/96 | SAMPLE TIME (PRE) 0945 | SAMPLE TIME (POST) 1002

SAMPLING CONDITIONS | Weather CLOUDY | Temperature 65.7 | Other _____

CASING DIAMETER: 2" ___ 3" ___ 4" ✓ 4.5" ___ 5" ___ 6" ___ 8" ___ Other ___

Casing Volume Per Foot (0.17) (0.38) (0.67) (0.85) (1.02) (1.50) (2.60) ( )

DEPTH TO BOTTOM (feet) = 19.25 | CASING VOLUME (gal) = 4.62

DEPTH TO WATER - PRE-PURGE (feet) = 12.35 | CALCULATED PURGE (gal) = 13.86

DEPTH TO WATER - POST PURGE (feet) = 15.44 | ACTUAL PURGE (gal) = 15.0

pH METER CALIBRATION CHECK - pH 7.0 SOLUTION READS AS 7.0

IF THE pH METER IS RE-CALIBRATED, THE RE-CALIBRATED METER pH 7.0 SOLUTION READS AS 7.0

PURGING FIELD MEASUREMENTS

TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)	DISSOLVED OXYGEN ppm
Pre 0945	—	65.9	800	7.3	CLR	28.0	
0953	5	66.1	500	7.5	~~2200 OIL~~	~~WELL 2200~~	
0954	10	66.2	600	7.5	CLR	104.4	
0955	15	66.0	600	7.2	CLR	20.3	
Post Purge Sample Parameters		66.2	600	7.2	CLR	32.9	

% RECHARGED WHEN SAMPLED (DTW-pre/DTW-post) _____

SAMPLE VESSEL / PRESERVATIVE: VOA / HCL | LAB. ANALYSIS 8020 / 8015 / MTBE

PURGING EQUIPMENT

- ___ Bladder Pump
- ___ Centrifugal Pump
- X Submersible Pump
- ___ Peristaltic Pump
- ___ Bailer (Teflon)
- ___ Bailer (PCV)
- ___ Bailer (Stainless Steel)
- ___ Vacuum Truck

MONITORING EQUIPMENT

Water Level Meter Mfg. by: WL-12

pH Meter Mfg. by: MYRON L

pH Meter Model #: ULTRAMETER

D.O. Meter Mfg. by: _____

WELL HEAD CONDITION: GOOD

REMARKS: _____

SIGNATURE: _____

wsfds.wb1

WSPA PURGING STUDY

WATER SAMPLE FIELD DATA SHEET

SITE #: T1992 PURGED BY: SHAWN WELL I.D.: MW-6F

CLIENT NAME: TOSCO SAMPLED BY: SHAWN SAMPLE I.D.: T1992MW6F

LOCATION: 2225 TELEGRAPH AVE, OAKLAND QA SAMPLES:

DATE PURGED 04/22/96 START (2400hr) 1024 END (2400hr) 1029

DATE SAMPLED 04/22/96 SAMPLE TIME (PRE) 1014 SAMPLE TIME (POST) 1035

SAMPLING CONDITIONS Weather CLOUDY Temperature 67.0 Other

CASING DIAMETER: 2"___ 3"___ 4"✓ 4.5"___ 5"___ 6"___ 8"___ Other___

Casing Volume Per Foot (0.17) (0.38) (0.67) (0.85) (1.02) (1.50) (2.60) ( )

DEPTH TO BOTTOM (feet) = 19.64 CASING VOLUME (gal) = 4.74

DEPTH TO WATER - PRE-PURGE (feet) = 12.56 CALCULATED PURGE (gal) = 14.23

DEPTH TO WATER - POST PURGE (feet) = 16.26 ACTUAL PURGE (gal) = 15.0

pH METER CALIBRATION CHECK - pH 7.0 SOLUTION READS AS 7.0

IF THE pH METER IS RE-CALIBRATED, THE RE-CALIBRATED METER pH 7.0 SOLUTION READS AS 7.0

PURGING FIELD MEASUREMENTS

TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)	DISSOLVED OXYGEN ppm
Pre 1014	—	65.7	600	7.5	CLR	12.2	
1025	5	64.2	650	6.8	CLR	20.9	
1027	10	65.0	650	6.9	CLR	43.8	
1029	15	65.0	700	7.0	CLR	50.9	
Post Purge Sample Parameters		6.50	700	7.0	CLR	72.3	

% RECHARGED WHEN SAMPLED (DTW-pre/DTW-post) 77%

SAMPLE VESSEL / PRESERVATIVE: VOA / HCL LAB. ANALYSIS 8015/8020/MTBE

PURGING EQUIPMENT

___ Bladder Pump
___ Centrifugal Pump
X Submersible Pump
___ Peristaltic Pump
___ Bailer (Teflon)
___ Bailer (PCV)
___ Bailer (Stainless Steel)
___ Vacuum Truck

MONITORING EQUIPMENT

Water Level Meter Mfg. by: WL 12
pH Meter Mfg. by: MYRON L
pH Meter Model #: ULTRAMETER
D.O. Meter Mfg. by:

WELL HEAD CONDITION: GOOD

REMARKS:

SIGNATURE:

wsfds.wb1

WSPA PURGING STUDY

WATER SAMPLE FIELD DATA SHEET

SITE #: T1992 PURGED BY: SHAWN WELL I.D.: MW 66

CLIENT NAME: TEXACO SAMPLED BY: SHAWN SAMPLE I.D.: T1992 MW66

LOCATION: 2225 TELEGRAPH, OAKLAND QA SAMPLES: _____

DATE PURGED 04/22/96 START (2400hr) 1050 END (2400hr) 1056

DATE SAMPLED 04/22/96 SAMPLE TIME (PRE) 1045 SAMPLE TIME (POST) 1101

SAMPLING CONDITIONS Weather CLOUD Temperature 66.2 Other _____

CASING DIAMETER: 2"___ 3"___ 4" ✓ 4.5"___ 5"___ 6"___ 8"___ Other___

Casing Volume Per Foot (0.17) (0.38) (0.67) (0.83) (1.02) (1.50) (2.60) ( )

DEPTH TO BOTTOM (feet) = 19.71 CASING VOLUME (gal) = 6.21

DEPTH TO WATER - PRE-PURGE (feet) = 10.43 CALCULATED PURGE (gal) = 18.65

DEPTH TO WATER - POST PURGE (feet) = 12.50 ACTUAL PURGE (gal) = 19.0

pH METER CALIBRATION CHECK - pH 7.0 SOLUTION READS AS 2.0

IF THE pH METER IS RE-CALIBRATED, THE RE-CALIBRATED METER pH 7.0 SOLUTION READS AS 7.0

PURGING FIELD MEASUREMENTS

TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)	DISSOLVED OXYGEN ppm
Pre 1045	—	65.5	750	7.1	CLR	17.9	
1052	6.25	66.5	700	7.4	CLR	80.3	
1054	12.50	66.1	800	7.0	CLR	89.8	
1056	19.0	66.4	800	7.1	CLR	100.8	
Post Purge Sample Parameters		66.4	800	7.0	CLR	99.1	

% RECHARGED WHEN SAMPLED (DTW-pre/DTW-post) 83%

SAMPLE VESSEL / PRESERVATIVE: VOA / HCL LAB. ANALYSIS 8020/8015/MTBE

PURGING EQUIPMENT

___ Bladder Pump
___ Centrifugal Pump
X Submersible Pump
___ Peristaltic Pump
___ Bailer (Teflon)
___ Bailer (PCV)
___ Bailer (Stainless Steel)
___ Vacuum Truck

MONITORING EQUIPMENT

Water Level Meter Mfg. by: WL-12
pH Meter Mfg. by: MYRON L
pH Meter Model #: ULTRAMETER
D.O. Meter Mfg. by: _____

WELL HEAD CONDITION: GOOD

REMARKS: _____

SIGNATURE: _____

wsfds.wb1

WSPA PURGING STUDY

WATER SAMPLE FIELD DATA SHEET

SITE #: T1992 | PURGED BY: SHAWN | WELL I.D.: MW6B

CLIENT NAME: TOSCO | SAMPLED BY: SHAWN | SAMPLE I.D.: T1992 MW6B

LOCATION: 2225 TOSCO, OAKLAND | QA SAMPLES:

DATE PURGED 04/22/96 | START (2400hr) 1116 | END (2400hr) 1121

DATE SAMPLED 04/22/96 | SAMPLE TIME (PRE) 1115 | SAMPLE TIME (POST) 1126

SAMPLING CONDITIONS | Weather Cloudy | Temperature 69.0 | Other

CASING DIAMETER: 2" ✓ 3" ___ 4" ___ 4.5" ___ 5" ___ 6" ___ 8" ___ Other ___

Casing Volume Per Foot (0.17) (0.38) (0.67) (0.83) (1.02) (1.50) (2.60) ( )

DEPTH TO BOTTOM (feet) = 18.22 | CASING VOLUME (gal) = .90

DEPTH TO WATER - PRE-PURGE (feet) = 12.91 | CALCULATED PURGE (gal) = 2.70

DEPTH TO WATER - POST PURGE (feet) = 14.22 | ACTUAL PURGE (gal) = 3.0

pH METER CALIBRATION CHECK - pH 7.0 SOLUTION READS AS 7.0

IF THE pH METER IS RE-CALIBRATED, THE RE-CALIERATED METER pH 7.0 SOLUTION READS AS 7.0

PURGING FIELD MEASUREMENTS

TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)	DISSOLVED OXYGEN ppm
Pre 1115	—	73.0	1000	7.4	CLR	29.9	
1117	1	72.3	1000	7.1	GREY	7200	
1119	2	72.0	1000	7.0	GREY	7200	
1121	3	72.0	1000	7.0	GREY	7200	

Post Purge Sample Parameters 72.1 | 1000 | 7.0 | GREY | 7200

% RECHARGED WHEN SAMPLED (DTW-pre/DTW-post) 90%

SAMPLE VESSEL / PRESERVATIVE: VOA / HCL | LAB. ANALYSIS 8015 / 8020 / MTBE

PURGING EQUIPMENT

___ Bladder Pump
___ Centrifugal Pump
X Submersible Pump
___ Peristaltic Pump
X Bailer (Teflon) DISP
___ Bailer (PCV)
___ Bailer (Stainless Steel)
___ Vacuum Truck

MONITORING EQUIPMENT

Water Level Meter Mfg. by: WL12
pH Meter Mfg. by: MYRON L
pH Meter Model #: ULTRAMETER
D.O. Meter Mfg. by:

WELL HEAD CONDITION: GOOD

REMARKS: DOOR

SIGNATURE:

wsfds.wb1

WSPA PURGING STUDY

WATER SAMPLE FIELD DATA SHEET

SITE #: T1992 PURGED BY: SHAWN WELL I.D.: MW6E

CLIENT NAME: TOSCO SAMPLED BY: SHAWN SAMPLE I.D.: T1992 MW6E

LOCATION: 2225 TELEGRAPH AVE, OAKLAND QA SAMPLES: _____

DATE PURGED 04/22/96 START (2400hr) 1141 END (2400hr) 1144

DATE SAMPLED 04/22/96 SAMPLE TIME (PRE) 1134 SAMPLE TIME (POST) 1151

SAMPLING CONDITIONS Weather ~~68.0~~ CLR Temperature 68.0 Other _____

CASING DIAMETER: 2"___ 3"___ 4"✓ 4.5"___ 5"___ 6"___ 8"___ Other___

Casing Volume Per Foot (0.17) (0.38) (0.67) (0.83) (1.02) (1.50) (2.60) ( )

DEPTH TO BOTTOM (feet) = 19.53 CASING VOLUME (gal) = 4.74

DEPTH TO WATER - PRE-PURGE (feet) = 12.45 CALCULATED PURGE (gal) = 14.23

DEPTH TO WATER - POST PURGE (feet) = 16.54 ACTUAL PURGE (gal) = 15.0

pH METER CALIBRATION CHECK - pH 7.0 SOLUTION READS AS 7.0

IF THE pH METER IS RE-CALIBRATED, THE RE-CALIERATED METER pH 7.0 SOLUTION READS AS 7.0

PURGING FIELD MEASUREMENTS

TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)	DISSOLVED OXYGEN ppm
Pre 1134	—	67.2	800	6.0	CLR	12.9	
1142	5	66.5	900	7.1	CLR	24.3	
1143	10	67.0	900	7.0	CLR	40.2	
1144	15	67.0	850	7.1	CLR	73.9	
Post Purge Sample Parameters		67.0	850	7.1	CLR	60.4	

% RECHARGED WHEN SAMPLED (DTW-pre/DTW-post) 75%

SAMPLE VESSEL / PRESERVATIVE: VOA / HCL LAB. ANALYSIS 8015/8020/MTBE

PURGING EQUIPMENT

___ Bladder Pump
___ Centrifugal Pump
X Submersible Pump
___ Peristaltic Pump
~~___ Bailer (Teflon)~~
___ Bailer (PCV)
___ Bailer (Stainless Steel)
___ Vacuum Truck

MONITORING EQUIPMENT

Water Level Meter Mfg. by: WL-12
pH Meter Mfg. by: MYRON L
pH Meter Model #: ULTRAMETER
D.O. Meter Mfg. by: _____

WELL HEAD CONDITION: GOOD

REMARKS: _____

SIGNATURE: _____

wsfds.wb1

WSPA PURGING STUDY

WATER SAMPLE FIELD DATA SHEET

SITE #: T1992 | PURGED BY: SHAWN | WELL I.D.: MW6H

CLIENT NAME: TOSCO | SAMPLED BY: SHAWN | SAMPLE I.D.: T1992MW6H

LOCATION: 2225 TELEGRAPH | QA SAMPLES: T1992 MW6H NPD

DATE PURGED 04/22/96 | START (2400hr) 1207 | END (2400hr) 1212

DATE SAMPLED 04/22/96 | SAMPLE TIME (PRE) 1154 | SAMPLE TIME (POST) 1216

SAMPLING CONDITIONS | Weather CLEAR | Temperature 63.9 | Other

CASING DIAMETER: 2"___ 3"___ 4"✓ 4.5"___ 5"___ 6"___ 8"___ Other___

Casing Volume Per Foot (0.17) (0.38) (0.67) (0.85) (1.02) (1.50) (2.60) ( )

DEPTH TO BOTTOM (feet) = 19.63 | CASING VOLUME (gal) = 5.32

DEPTH TO WATER - PRE-PURGE (feet) = 11.64 | CALCULATED PURGE (gal) = 15.97

DEPTH TO WATER - POST PURGE (feet) = 12.82 | ACTUAL PURGE (gal) = 16.0

pH METER CALIBRATION CHECK - pH 7.0 SOLUTION READS AS 7.0

IF THE pH METER IS RE-CALIBRATED, THE RE-CALIBRATED METER pH 7.0 SOLUTION READS AS 7.0

PURGING FIELD MEASUREMENTS

TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)	DISSOLVED OXYGEN ppm
Pre 1154	—	63.5	1150	7.4	CLR	62.3	
1206	5.5	64.6	980	8.0	CLR	90.7	
1201	11.0	64.0	920	7.3	CLR	100.8	
1212	16.0	64.5	1000	7.3	CLR	149.3	
Post Purge Sample Parameters		64.5	1000	7.3	CLR	110.9	

% RECHARGED WHEN SAMPLED (DTW-pre/DTW-post) 9/0

SAMPLE VESSEL / PRESERVATIVE: VOA / HCL | LAB. ANALYSIS 8020/8015/MTBE

PURGING EQUIPMENT

___ Bladder Pump
___ Centrifugal Pump
X Submersible Pump
___ Peristaltic Pump
___ Bailer (Teflon)
___ Bailer (PCV)
___ Bailer (Stainless Steel)
___ Vacuum Truck

MONITORING EQUIPMENT

Water Level Meter Mfg. by: WL-12
pH Meter Mfg. by: MYRON L
pH Meter Model #: ULTRAMETER
D.O. Meter Mfg. by:

WELL HEAD CONDITION: GOOD

REMARKS: ODOR

SIGNATURE:

wsfds.wb1

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 #: 624860/96
Address: 2225 TELEGRAPH
City, State, ZIP: OAKLAND, CA.

Well I.D.	Gals.	Well I.D.	Gals.
/		/	
MW6I	15.0	/	
6F	15.0	/	
6G	19.0	/	
6B	3.0	/	
6E	15.0	/	
6H	16.0	/	
/		/	
/		/	
/		/	

Total gals. 83

added rinse water 10

Total Gals. Recovered 93

Job #: 9604225
Date 04/22/96
Time 1230
Signature:

REC'D AT: BTS
Date: 4/22/96
Time: 1900
Signature:

P:\GW\MP\FORMS\TEX_BOL.WK1

QUARTERLY SUMMARY REPORT

Former Texaco/Current Exxon Service Station
2225 Telegraph Avenue, Oakland, California
Alameda County
First Quarter 1996

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.

WORK PERFORMED DURING THIS QUARTER

Quarterly groundwater monitoring and sampling. Operation and maintenance of the groundwater treatment system was conducted. System start-up of the VES was performed in January 1996. Criteria for the Bay Area Air Quality Management District permit was met during the start-up and a Permit To Operate was issued in January 1996.

CHARACTERIZATION STATUS

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

GROUND WATER: The extent of dissolved hydrocarbons in ground water has been predominantly delineated. Downgradient monitoring wells MW-6I has shown no detectable concentrations of TPH as gasoline or BTEX during the last two sampling events.

REMEDIATION STATUS

A groundwater pump and treat system is in operation at the site which extracts groundwater from two recovery wells using air displacement pumps and three liquid phase carbon canisters to treat the groundwater prior to discharge. A vapor extraction system has also been installed to compliment the groundwater extraction system.

QUARTERLY SUMMARY REPORT
Former Texaco/Current Exxon Service Station
2225 Telegraph Avenue, Oakland, California
Alameda County
First Quarter 1996

(Continued)

WORK TO BE PERFORMED NEXT QUARTER

Continuation of the quarterly ground water monitoring and sampling program. Continued operation of the dual remediation system. Review next quarter site data to evaluate system performance.

SITE CONTACTS

Texaco:	Karen Petryna (510) 236-9139
Exxon:	Michael Faber, Exxon Company U.S.A.
Site Contact :	Lam Truong (510) 832-4000
Lead Agency:	Dale Klettke (510) 567-6880 (ACDEH)

B C Analytical

ANALYTICAL REPORT

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

LOG NO: G96-01-060

Received: 03 JAN 96

Mailed: JAN 9 1996

Mr. Brian Garber
Groundwater Technology, Inc.
1401 Halyard Drive, Suite 140
West Sacramento, California 95691

Purchase Order: 94-1446346+4370

Requisition: 624880195
Project: FKEP1015L

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	Total Xylenes Isomers ug/L	Carbon Range
RDL			1	50	0.5	0.5	0.5	0.5	
1*Eff	01/02/96	01/05/96	1	<50	<0.5	<0.5	<0.5	<0.5	C6-C12
2*BT-2	01/02/96	01/05/96	1	<50	<0.5	<0.5	<0.5	<0.5	C6-C12
3*Inf	01/02/96	01/05/96	1	160	27	3.8	1.1	16	C6-C12

Karen Petryna
2225 Telegraph Ave., Oakland
Alameda County

Jane Freemyer, 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.

SAMPLES...	SAMPLE DESCRIPTION..	DETERM.....	DATE..... ANALYZED	METHOD.....	EQUIP.	BATCH..	ID.NO
601060*1	Eff	GAS.BTX.TESNC	01.05.96	8015M.TX	536-35	9644	6843
601060*2	BT-2	GAS.BTX.TESNC	01.05.96	8015M.TX	536-35	9644	6843
601060*3	Inf	GAS.BTX.TESNC	01.05.96	8015M.TX	536-36	9662	6843

**

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 G9601060

DATE REPORTED : 01/09/96

LABORATORY CONTROL STANDARDS
FOR BATCHES WHICH INCLUDE THIS ORDER

PARAMETER		DATE ANALYZED	BATCH NUMBER	LC RESULT	LT RESULT	UNIT	PERCENT RECOVERY
. BTEX/GRO	C6011023*1						
Date Analyzed		01.04.96	9644	01/04/96	01/04/96	Date	N/A
Benzene		01.04.96	9644	17.1	15.2	ug/L	113
Toluene		01.04.96	9644	89.8	97.4	ug/L	92
Ethylbenzene		01.04.96	9644	18.6	20.4	ug/L	91
Total Xylene Isomers		01.04.96	9644	102	119	ug/L	86
TPH (Gasoline Range)		01.04.96	9644	1110	1100	ug/L	101
a,a,a-Trifluorotoluene	Rep.	01.04.96	9644	52.6	50.0	ug/L	105
a,a,a-Trifluorotoluene	Th.	01.04.96	9644	50.0	50.0	ug/L	100
. BTEX/GRO	C601689*1						
Date Analyzed		01.03.96	9662	01/03/96	01/03/96	Date	N/A
Benzene		01.03.96	9662	16.0	15.2	ug/L	105
Toluene		01.03.96	9662	90.5	97.4	ug/L	93
Ethylbenzene		01.03.96	9662	19.8	20.4	ug/L	97
Total Xylene Isomers		01.03.96	9662	111	119	ug/L	93
TPH (Gasoline Range)		01.03.96	9662	983	1100	ug/L	89
a,a,a-Trifluorotoluene	Rep.	01.03.96	9662	53.7	50.0	ug/L	107
a,a,a-Trifluorotoluene	Th.	01.03.96	9662	50.0	50.0	ug/L	100

BC ANALYTICAL

ORDER QC REPORT FOR G9601060

DATE REPORTED : 01/09/96

MATRIX QC ACCURACY (SPIKES)
BATCH QC REPORT

PARAMETER	SAMPLE NUMBER	DATE ANALYZED	BATCH NUMBER	MS %	MSD %	TRUE RESULT	UNIT
. GRO	9601034*2						
Benzene		01.05.96	9644	114	118	15.2	ug/L
Toluene		01.05.96	9644	92	94	97.4	ug/L
Ethylbenzene		01.05.96	9644	92	94	20.4	ug/L
Total Xylene Isomers		01.05.96	9644	87	88	119	ug/L
TPH (Gasoline Range)		01.05.96	9644	109	111	1100	ug/L
a,a,a-Trifluorotoluene Rep.		01.05.96	9644	101	104	50.0	ug/L
a,a,a-Trifluorotoluene Th.		01.05.96	9644	100	100	50.0	ug/L
. GRO	9601021*4						
Benzene		01.03.96	9662	112	111	15.2	ug/L
Toluene		01.03.96	9662	99	100	97.4	ug/L
Ethylbenzene		01.03.96	9662	104	105	20.4	ug/L
Total Xylene Isomers		01.03.96	9662	101	102	119	ug/L
TPH (Gasoline Range)		01.03.96	9662	85	87	1100	ug/L
a,a,a-Trifluorotoluene Rep.		01.03.96	9662	112	109	50.0	ug/L
a,a,a-Trifluorotoluene Th.		01.03.96	9662	100	100	50.0	ug/L

BC ANALYTICAL

ORDER QC REPORT FOR G9601060

DATE REPORTED : 01/09/96

MATRIX QC PRECISION (DUPLICATE SPIKES)
BATCH QC REPORT

PARAMETER	SAMPLE NUMBER	DATE ANALYZED	BATCH NUMBER	MS RESULT	MSD RESULT	UNIT	RELATIVE % DIFF
1. BTEX/GRO	9601034*2						
Date Analyzed		01.05.96	9644	01/05/96	01/05/96	Date	N/A
Benzene		01.05.96	9644	17.3	17.9	ug/L	3
Toluene		01.05.96	9644	89.4	91.6	ug/L	2
Ethylbenzene		01.05.96	9644	18.7	19.1	ug/L	2
Total Xylene Isomers		01.05.96	9644	103	105	ug/L	2
TPH (Gasoline Range)		01.05.96	9644	1200	1220	ug/L	2
a,a,a-Trifluorotoluene Rep.		01.05.96	9644	50.5	52.1	ug/L	3
a,a,a-Trifluorotoluene Th.		01.05.96	9644	50.0	50.0	ug/L	0
2. BTEX/GRO	9601021*4						
Date Analyzed		01.03.96	9662	01/03/96	01/03/96	Date	N/A
Benzene		01.03.96	9662	17.0	16.8	ug/L	1
Toluene		01.03.96	9662	96.7	97.8	ug/L	1
Ethylbenzene		01.03.96	9662	21.3	21.4	ug/L	0
Total Xylene Isomers		01.03.96	9662	120	121	ug/L	1
TPH (Gasoline Range)		01.03.96	9662	934	953	ug/L	2
a,a,a-Trifluorotoluene Rep.		01.03.96	9662	55.8	54.7	ug/L	2
a,a,a-Trifluorotoluene Th.		01.03.96	9662	50.0	50.0	ug/L	0

BC ANALYTICAL

ORDER QC REPORT FOR G9601060

DATE REPORTED : 01/09/96

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

PARAMETER		DATE ANALYZED	BATCH NUMBER	BLANK RESULT	RDL	UNIT	METHOD
. BTEX/GRO	B601523*1						
Date Analyzed		01.04.96	9644	01/04/96	NA	Date	8015M
Benzene		01.04.96	9644	0	0.3	ug/L	8015M
Toluene		01.04.96	9644	0	0.3	ug/L	8015M
Ethylbenzene		01.04.96	9644	0	0.3	ug/L	8015M
Total Xylene Isomers		01.04.96	9644	0	0.6	ug/L	8015M
TPH (Gasoline Range)		01.04.96	9644	0	100	ug/L	8015M
a,a,a-Trifluorotoluene	Rep.	01.04.96	9644	48.1	0.5	ug/L	8015M
a,a,a-Trifluorotoluene	Th.	01.04.96	9644	50.0	NA	ug/L	8015M
. BTEX/GRO	B601345*1						
Date Analyzed		01.03.96	9662	01/03/96	NA	Date	8015M
Benzene		01.03.96	9662	0	0.3	ug/L	8015M
Toluene		01.03.96	9662	0	0.3	ug/L	8015M
Ethylbenzene		01.03.96	9662	0	0.3	ug/L	8015M
Total Xylene Isomers		01.03.96	9662	0	0.6	ug/L	8015M
TPH (Gasoline Range)		01.03.96	9662	0	100	ug/L	8015M
a,a,a-Trifluorotoluene	Rep.	01.03.96	9662	49.2	0.5	ug/L	8015M
a,a,a-Trifluorotoluene	Th.	01.03.96	9662	50.0	NA	ug/L	8015M

SURROGATE RECOVERIES :
BC ANALYTICAL : GLEN LAB : 11:03:05 09 JAN 1996 - P. 1 :

ETHOD	ANALYTE	BATCH	ANALYZED	REPORTED	TRUE	%REC	FLAG
601060*1							
015M.TX	a,a,a-Trifluorotoluene	Re9644	01/05/96	46.2	50.0	92	
601060*2							
015M.TX	a,a,a-Trifluorotoluene	Re9644	01/05/96	45.4	50.0	91	
601060*3							
015M.TX	a,a,a-Trifluorotoluene	Re9662	01/05/96	47.5	50.0	95	

: SURROGATE RECOVERIES :
: BC ANALYTICAL : GLEN LAB : 11:03:08 09 JAN 1996 - P. 1 :

METHOD	ANALYTE	BATCH	ANALYZED	REPORTED	TRUE	%REC	FLAG
1601021*4*R1							
8015M	a,a,a-Trifluorotoluene	Re9662	01/03/96	48.6	50.0	97	
1601021*4*S1							
8015M	a,a,a-Trifluorotoluene	Re9662	01/03/96	55.8	50.0	112	
1601021*4*S2							
8015M	a,a,a-Trifluorotoluene	Re9662	01/03/96	54.7	50.0	109	
1601021*4*T							
8015M	a,a,a-Trifluorotoluene	Re9662	01/03/96	50.0	50.0	100	
1601034*2*R1							
8015M	a,a,a-Trifluorotoluene	Re9644	01/05/96	47.5	50.0	95	
1601034*2*S1							
8015M	a,a,a-Trifluorotoluene	Re9644	01/05/96	50.5	50.0	101	
1601034*2*S2							
8015M	a,a,a-Trifluorotoluene	Re9644	01/05/96	52.1	50.0	104	
1601034*2*T							
8015M	a,a,a-Trifluorotoluene	Re9644	01/05/96	50.0	50.0	100	
1601345*1*MB							
8015M	a,a,a-Trifluorotoluene	Re9662	01/03/96	49.2	50.0	98	
1601523*1*MB							
8015M	a,a,a-Trifluorotoluene	Re9644	01/04/96	48.1	50.0	96	
1601023*1*LC							
8015M	a,a,a-Trifluorotoluene	Re9644	01/04/96	52.6	50.0	105	
1601023*1*LT							
8015M	a,a,a-Trifluorotoluene	Re9644	01/04/96	50.0	50.0	100	
1601689*1*LC							
8015M	a,a,a-Trifluorotoluene	Re9662	01/03/96	53.7	50.0	107	
1601689*1*LT							
8015M	a,a,a-Trifluorotoluene	Re9662	01/03/96	50.0	50.0	100	

CHAIN OF CUSTODY RECORD

BCA Log Number _____

Client name: GROUNDWATER TECHNOLOGY
Address: 1401 HALYARD DR #140
City, State, Zip: W. SACRAMENTO CA
Project or PO# 020700008 TES 2225 TELEGRAPH, OAKLAND
Phone #: (916) 372-4700
Report attention: BRIAN GARBER

Sampled by: STEVEN STREM

Analyses required: BTEX / TPH-G; Hazardous sample / Special handling required

G9601060

Lab Sample number	Date sampled	Time sampled	Type* See key below	Sample description	Preservative: ICE	Preservative: HCL	Number of containers	BTEX / TPH-G	Remarks
	1-2-96	1341	AQ	EFF	X	X	2	X	-1
	1-2-96	1343	AQ	BT-2	X	X	2	X	-2
	1-2-96	1345	AQ	INF	X	X	2	X	-3

624880195
Alameda
KEP
FKEP1015C

	Signature	Print Name	Company	Date	Time
Relinquished by		STEVEN STREM	GROUNDWATER TECH	1/3/96	5:40
Received by	Kimberly Eng	Kimberly Eng	BCA	1/3/96	5:40
Relinquished by	Kimberly Eng	Kimberly Eng	BCA	1/4/96	5:3[illegible]
Received by					
Relinquished by					
Received by Laboratory					

B C ANALYTICAL
2995 Shary Circle, Concord, CA 94518 (510) 825-3894
1801 Western Avenue, Glendale, CA 91201 (818) 247-5737

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client's expense.

Disposal arrangements: _____

*KEY: AQ—Aqueous NA—Nonaqueous SL—Sludge GW—Groundwater SO—Soil PE—Petroleum WW—Wastewater