PACIFIC
ENVIRONMENTAL
GROUP, INC.

AN EA COMPANY

ENVIRONMENTAL
PROTECTION

98 OCT -9 PM 3:28

October 7, 1998
Project 340-086.9A

Mr. Richard Hiett
California Regional Water Quality Control Board – San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, California 94612

Larry Seto

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

Dear Mr. Hiett:

On behalf of Equiva Services LLC (Equiva), this letter transmits the results of third quarter 1998 groundwater monitoring and sampling conducted at the site referenced above. Equiva is managing the subject site on behalf of Texaco, Inc.

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

Sincerely,

Pacific Environmental Group, Inc.

Keith Winemiller, P.E.
Project Engineer

Enclosure

cc: Ms. Karen Petryna, Equiva Services LLC, P.O. Box 8080, Martinez, CA 94553
Mr. Leo Pagano, 1127 Lincoln Avenue, Alameda, CA 94602
Ms. Juliet Shin, Alameda County Health Care Services Agency, 1131 Harbor Bay Parkway, Alameda, CA 94502-6577

2025 Gateway Place, Suite 440 • San Jose, California, 95110-1006 408 441-7500 FAX 408 441-7539

BLAINE
TECH SERVICES INC

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

September 28, 1998

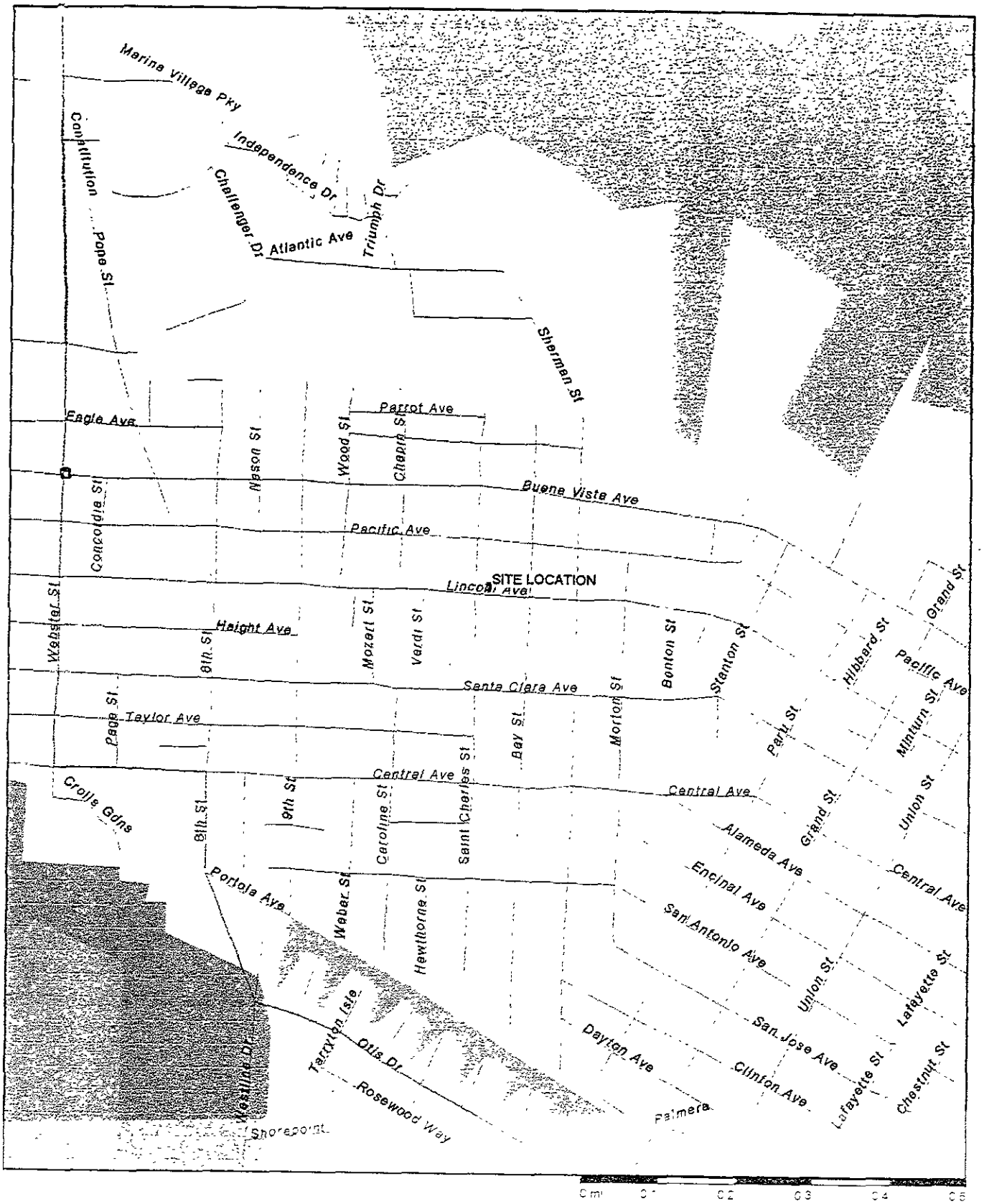
GROUNDWATER MONITORING AND SAMPLING
Third Quarter, 1998
at the
Former Texaco Service Station
1127 Lincoln Avenue
Alameda, California

This report presents the results of groundwater monitoring and sampling conducted by Blaine Tech Services, Inc. on July 21, 1998 at the site referenced above (see Figure 1, Site Vicinity Map). Based on groundwater level measurements, the areal hydraulic gradient was estimated to be northeast. The gradient maps have been reviewed by a registered professional (see Figure 2, Groundwater Elevation Contour Map). TPHg and benzene concentrations are shown on Figure 3. Tables 1 and 2 list historical groundwater monitoring data and analytical results, respectively. Well MW-5 was not sampled because the well was paved over.

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

Deidre Kerwin
Operations Manager
Blaine Tech Services, Inc.

DK:mc



Microsoft AUTOMAP

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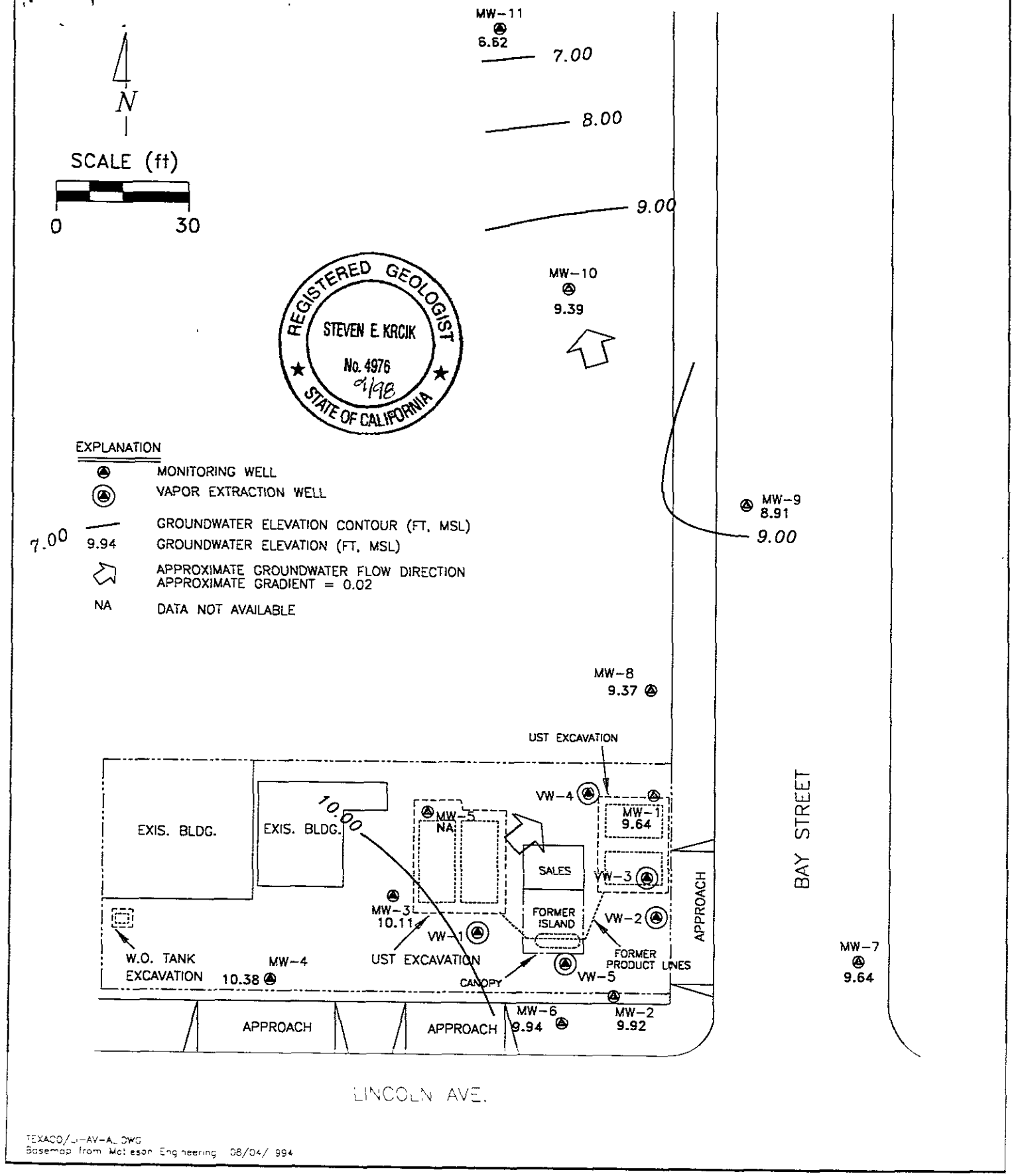
SITE VICINITY MAP

Former Texaco Service Station, 1127 Lincoln Avenue, Alameda, California



TEXACO/LI-AV-A.DWG
Basemap from Matteson Engineering 08/04/ 994

PREPARED BY

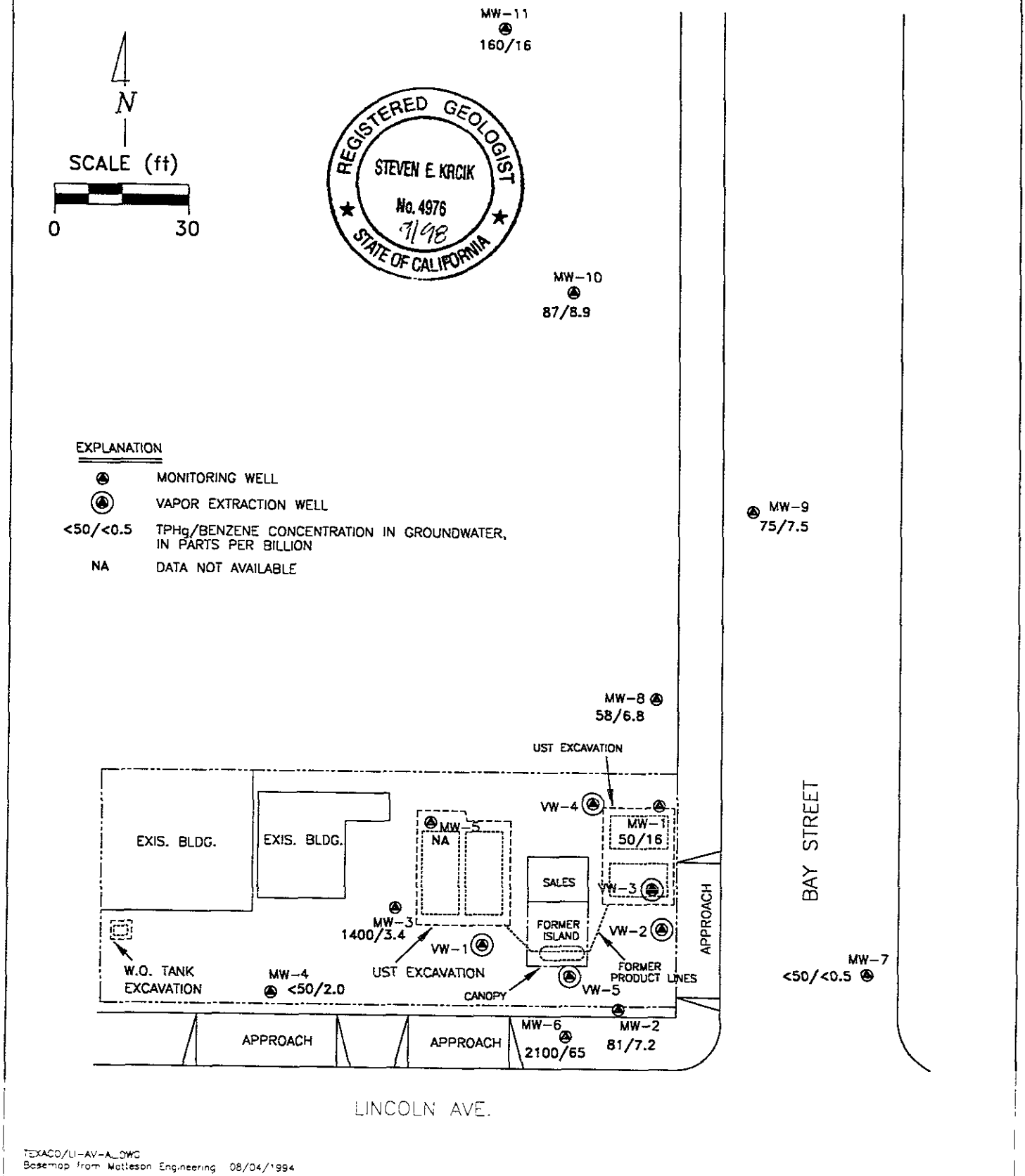
RRM
engineering contracting firm

Former Texaco Service Station
1127 Lincoln Avenue
Alameda, California

GROUNDWATER ELEVATION CONTOUR MAP,
JULY 21, 1998

FIGURE:
2

PROJECT:
DAC04



TEXACO/LI-AV-A_DWG
Basemap from Matteson Engineering 08/04/1994

PREPARED BY

RRM
engineering contracting firm

Former Texaco Service Station
1127 Lincoln Avenue
Alameda, California

TPHg/BENZENE CONCENTRATIONS IN GROUNDWATER
JULY 21, 1998

FIGURE:
3

PROJECT:
DAC04

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)	Free Product Thickness (feet)
MW-1	01/26/93	16.14	5.63	10.51	None
MW-1	02/04/93	16.14	6.02	10.12	None
MW-1	03/09/93	16.14	5.92	10.22	None
MW-1	05/06/93	16.14	6.76	9.38	None
MW-1	06/15/93	16.14	6.81	9.33	None
MW-1	07/26/93	16.14	NM	NM	NM
MW-1	08/31/93	16.14	NM	NM	NM
MW-1	09/27/93	16.14	NM	NM	NM
MW-1	10/19/93	16.14	NM	NM	NM
MW-1	11/15/93	16.14	NM	NM	NM
MW-1	12/17/93	16.14	NM	NM	NM
MW-1	02/07/94	16.14	NM	NM	NM
MW-1	05/20/94	16.14	NM	NM	NM
MW-1	08/22/94	16.14	7.78	8.36	None
MW-1	11/02/94	16.14	NM	NM	NM
MW-1	02/14/95	16.14	15.16	0.98	None
MW-1	05/19/95	16.14	13.90	2.24	None
MW-1	08/22/95	16.14	7.06	9.08	None
MW-1	10/25/95	16.14	NM	NM	NM
MW-1	02/09/96	16.14	NM	NM	NM
MW-1	04/11/96	16.14	NM	NM	NM
MW-1	08/01/96	16.14	NM	NM	NM
MW-1	11/11/96	16.14	NM	NM	NM
MW-1	02/04/97	16.14	5.40	10.74	None
MW-1	05/02/97	16.14	6.46	9.68	None
MW-1	07/31/97	16.14	6.98	9.16	None
MW-1	10/30/97	16.14	8.00	8.14	None
MW-1	02/04/98	16.14	3.40	12.74	None
MW-1	05/08/98	16.14	5.09	11.05	None
MW-1	07/21/98	16.14	6.50	9.64	None

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)	Free Product Thickness (feet)
MW-2	01/26/93	16.84	6.29	10.55	None
MW-2	02/04/93	16.84	6.60	10.24	None
MW-2	03/09/93	16.84	6.36	10.48	None
MW-2	05/06/93	16.84	6.37	10.47	None
MW-2	06/15/93	16.84	7.04	9.80	None
MW-2	07/26/93	16.84	NM	NM	NM
MW-2	08/31/93	16.84	NM	NM	NM
MW-2	09/27/93	16.84	NM	NM	NM
MW-2	10/19/93	16.84	NM	NM	NM
MW-2	11/15/93	16.84	NM	NM	NM
MW-2	12/17/93	16.84	NM	NM	NM
MW-2	02/07/94	16.84	NM	NM	NM
MW-2	05/20/94	16.84	NM	NM	NM
MW-2	08/22/94	16.84	8.08	8.76	None
MW-2	11/02/94	16.84	NM	NM	NM
MW-2	02/14/95	16.84	NM	NM	NM
MW-2	05/19/95	16.84	11.77	5.07	None
MW-2	08/22/95	16.84	7.22	9.62	None
MW-2	10/25/95	16.84	12.11	4.73	None
MW-2	02/09/96	16.84	NM	NM	NM
MW-2	04/11/96	16.84	11.20	5.64	None
MW-2	08/01/96	16.84	7.00	9.84	None
MW-2	11/11/96	16.84	NM	NM	NM
MW-2	02/04/97	16.84	5.48	11.36	None
MW-2	05/02/97	16.84	6.93	9.91	None
MW-2	07/31/97	16.84	9.10	7.74	None
MW-2	10/30/97	16.84	8.33	8.51	None
MW-2	02/04/98	16.84	4.88	11.96	None
MW-2	05/08/98	16.84	6.00	10.84	None
MW-2	07/21/98	16.84	6.92	9.92	None

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)	Free Product Thickness (feet)
MW-3	01/26/93	16.86	5.82	11.04	None
MW-3	02/04/93	16.86	6.01	10.85	None
MW-3	03/09/93	16.86	5.88	10.98	None
MW-3	05/06/93	16.86	6.38	10.48	None
MW-3	06/15/93	16.86	NM	NM	NM
MW-3	07/26/93	16.86	7.22	9.64	None
MW-3	08/31/93	16.86	7.87	8.99	None
MW-3	09/27/93	16.86	8.58	8.28	None
MW-3	10/19/93	16.86	9.13	7.73	None
MW-3	11/15/93	16.86	8.84	8.02	None
MW-3	12/17/93	16.86	7.80	9.06	None
MW-3	02/07/94	16.86	8.43	8.43	None
MW-3	05/20/94	16.86	6.79	10.07	None
MW-3	08/22/94	16.86	8.32	8.54	None
MW-3	11/02/94	16.86	10.98	5.88	None
MW-3	02/14/95	16.86	7.93	8.93	None
MW-3	05/19/95	16.86	8.44	8.42	None
MW-3	08/22/95	16.86	7.54	9.32	None
MW-3	10/25/95	16.86	9.03	7.83	None
MW-3	02/09/96	16.86	7.05	9.81	None
MW-3	04/11/96	16.86	7.44	9.42	None
MW-3	08/01/96	16.86	7.08	9.78	None
MW-3	11/11/96	16.86	7.84	9.02	None
MW-3	02/04/97	16.86	5.17	11.69	None
MW-3	05/02/97	16.86	6.63	10.23	None
MW-3	07/31/97	16.86	7.32	9.54	None
MW-3	10/30/97	16.86	7.46	9.40	None
MW-3	02/04/98	16.86	4.18	12.68	None
MW-3	05/08/98	16.86	5.84	11.02	None
MW-3	07/21/98	16.86	6.75	10.11	None

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)	Free Product Thickness (feet)
MW-4	01/26/93	17.13	5.91	11.22	None
MW-4	02/04/93	17.13	6.14	10.99	None
MW-4	03/09/93	17.13	5.81	11.32	None
MW-4	05/06/93	17.13	6.49	10.64	None
MW-4	06/15/93	17.13	6.34	10.79	None
MW-4	07/26/93	17.13	7.29	9.84	None
MW-4	08/31/93	17.13	8.02	9.11	None
MW-4	09/27/93	17.13	NM	NM	NM
MW-4	10/19/93	17.13	9.14	7.99	None
MW-4	11/15/93	17.13	9.01	8.12	None
MW-4	12/17/93	17.13	7.91	9.22	None
MW-4	02/07/94	17.13	8.02	9.11	None
MW-4	05/20/94	17.13	6.85	10.28	None
MW-4	08/22/94	17.13	8.48	8.65	None
MW-4	11/02/94	17.13	10.52	6.61	None
MW-4	02/14/95	17.13	6.99	10.14	None
MW-4	05/19/95	17.13	7.61	9.52	None
MW-4	08/22/95	17.13	7.62	9.51	None
MW-4	10/25/95	17.13	8.62	8.51	None
MW-4	02/09/96	17.13	6.60	10.53	None
MW-4	04/11/96	17.13	6.54	10.59	None
MW-4	08/01/96	17.13	7.04	10.09	None
MW-4	11/11/96	17.13	7.95	9.18	None
MW-4	02/04/97	17.13	5.24	11.89	None
MW-4	05/02/97	17.13	6.61	10.52	None
MW-4	07/31/97	17.13	7.40	9.73	None
MW-4	10/30/97	17.13	7.52	9.61	None
MW-4	02/04/98	17.13	4.28	12.85	None
MW-4	05/08/98	17.13	5.74	11.39	None
MW-4	07/21/98	17.13	6.75	10.38	None

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)	Free Product Thickness (feet)
MW-5	01/26/93	15.59	NM	NM	NM
MW-5	02/04/93	15.59	NM	NM	NM
MW-5	03/09/93	15.59	5.45	10.14	None
MW-5	05/06/93	15.59	6.00	9.59	None
MW-5	06/15/93	15.59	7.81	7.78	None
MW-5	07/26/93	15.59	NM	NM	NM
MW-5	08/31/93	15.59	NM	NM	NM
MW-5	09/27/93	15.59	NM	NM	NM
MW-5	10/19/93	15.59	NM	NM	NM
MW-5	11/15/93	15.59	NM	NM	NM
MW-5	12/17/93	15.59	NM	NM	NM
MW-5	02/07/94	15.59	NM	NM	NM
MW-5	05/20/94	15.59	NM	NM	NM
MW-5	08/22/94	15.59	7.27	8.32	None
MW-5	11/02/94	15.59	NM	NM	NM
MW-5	02/14/95	15.59	NM	NM	NM
MW-5	05/19/95	15.59	11.55	4.04	None
MW-5	08/22/95	15.59	6.02	9.57	None
MW-5	10/25/95	15.59	11.05	4.54	None
MW-5	02/09/96	15.59	6.70	8.89	None
MW-5	04/11/96	15.59	12.21	3.38	None
MW-5	08/01/96	15.59	2.80	12.79	None
MW-5	11/11/96	15.59	NM	NM	NM
MW-5	02/04/97	15.59	NM	NM	NM
MW-5	05/02/97	15.59	7.01	8.58	None
MW-5	07/31/97	15.59	6.78	8.81	None
MW-5	10/30/97	15.59	7.69	7.90	None
MW-5	02/04/98	Well Inaccessible			
MW-5	05/08/98	Well Inaccessible			
MW-5	07/21/98	Well 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)	Free Product Thickness (feet)
MW-6	01/26/93	17.05	6.63	10.42	None
MW-6	02/04/93	17.05	6.48	10.57	None
MW-6	03/09/93	17.05	6.68	10.37	None
MW-6	05/06/93	17.05	6.93	10.12	None
MW-6	06/15/93	17.05	7.00	10.05	None
MW-6	07/26/93	17.05	7.25	9.80	None
MW-6	08/31/93	17.05	7.83	9.22	None
MW-6	09/27/93	17.05	8.38	8.67	None
MW-6	10/19/93	17.05	8.76	8.29	None
MW-6	11/15/93	17.05	8.65	8.40	None
MW-6	12/17/93	17.05	7.78	9.27	None
MW-6	02/07/94	17.05	7.90	9.15	None
MW-6	05/20/94	17.05	6.95	10.10	None
MW-6	08/22/94	17.05	8.17	8.88	None
MW-6	11/02/94	17.05	10.56	6.49	None
MW-6	02/14/95	17.05	8.08	8.97	None
MW-6	05/19/95	17.05	8.51	8.54	None
MW-6	08/22/95	17.05	7.50	9.55	None
MW-6	10/25/95	17.05	8.61	8.44	None
MW-6	02/09/96	17.05	7.26	9.79	None
MW-6	04/11/96	17.05	7.41	9.64	None
MW-6	08/01/96	17.05	7.10	9.95	None
MW-6	11/11/96	17.05	8.04	9.01	None
MW-6	02/04/97	17.05	6.10	10.95	None
MW-6	05/02/97	17.05	7.07	9.98	None
MW-6	07/31/97	17.05	7.43	9.62	None
MW-6	10/30/97	17.05	7.59	9.46	None
MW-6	02/04/98	17.05	5.86	11.19	None
MW-6	05/08/98	17.05	5.79	11.26	None
MW-6	07/21/98	17.05	7.11	9.94	None

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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)	Free Product Thickness (feet)
MW-7	01/26/93	16.65	6.53	10.12	None
MW-7	02/04/93	16.65	6.40	10.25	None
MW-7	03/09/93	16.65	6.52	10.13	None
MW-7	05/06/93	16.65	NM	NM	NM
MW-7	06/15/93	16.65	6.69	9.96	None
MW-7	07/26/93	16.65	NM	NM	NM
MW-7	08/31/93	16.65	NM	NM	NM
MW-7	09/27/93	16.65	7.97	8.68	None
MW-7	10/19/93	16.65	8.24	8.41	None
MW-7	11/15/93	16.65	8.22	8.43	None
MW-7	12/17/94	16.65	NM	NM	NM
MW-7	02/07/94	16.65	NM	NM	NM
MW-7	05/20/94	16.65	NM	NM	NM
MW-7	08/22/94	16.65	7.78	8.87	None
MW-7	11/02/94	16.65	9.70	6.95	None
MW-7	02/14/95	16.65	NM	NM	NM
MW-7	05/19/95	16.65	7.33	9.32	None
MW-7	08/22/95	16.65	6.72	9.93	None
MW-7	10/25/95	16.65	NM	NM	NM
MW-7	02/09/96	16.65	7.06	9.59	None
MW-7	04/11/96	16.65	NM	NM	NM
MW-7	08/01/96	16.65	6.94	9.71	None
MW-7	11/11/96	16.65	NM	NM	NM
MW-7	02/04/97	16.65	NM	NM	NM
MW-7	05/02/97	16.65	6.58	10.07	None
MW-7	07/31/97	16.65	7.04	9.61	None
MW-7	10/30/97	16.65	7.02	9.63	None
MW-7	02/04/98	Well Inaccessible			
MW-7	05/08/98	16.65	6.22	10.43	None
MW-7	07/21/98	16.65	7.01	9.64	None

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)	Free Product Thickness (feet)
MW-8	01/26/93	15.87	5.30	10.57	None
MW-8	02/04/93	15.87	5.62	10.25	None
MW-8	03/09/93	15.87	5.56	10.31	None
MW-8	05/06/93	15.87	5.99	9.88	None
MW-8	06/15/93	15.87	6.32	9.55	None
MW-8	07/26/93	15.87	6.75	9.12	None
MW-8	08/31/93	15.87	7.35	8.52	None
MW-8	09/27/93	15.87	7.86	8.01	None
MW-8	10/19/93	15.87	8.27	7.60	None
MW-8	11/15/93	15.87	8.17	7.70	None
MW-8	12/17/93	15.87	7.14	8.73	None
MW-8	02/07/94	15.87	7.26	8.61	None
MW-8	05/20/94	15.87	6.17	9.70	None
MW-8	08/22/94	15.87	7.63	8.24	None
MW-8	11/02/94	15.87	10.16	5.71	None
MW-8	02/14/95	15.87	7.32	8.55	None
MW-8	05/19/95	15.87	7.83	8.04	None
MW-8	08/22/95	15.87	6.98	8.89	None
MW-8	10/25/95	15.87	8.16	7.71	None
MW-8	02/09/96	15.87	4.89	10.98	None
MW-8	04/11/96	15.87	8.48	7.39	None
MW-8	08/01/96	15.87	6.60	9.27	None
MW-8	11/11/96	15.87	7.28	8.59	None
MW-8	02/04/97	15.87	5.39	10.48	None
MW-8	05/02/97	15.87	6.28	9.59	None
MW-8	07/31/97	15.87	6.84	9.03	None
MW-8	10/30/97	15.87	6.66	9.21	None
MW-8	02/04/98	15.87	3.76	12.11	None
MW-8	05/08/98	15.87	5.48	10.39	None
MW-8	07/21/98	15.87	6.50	9.37	None
MW-9	08/22/95	14.44	6.00	8.44	None
MW-9	10/25/95	14.44	6.71	7.73	None
MW-9	02/09/96	14.44	4.87	9.57	None
MW-9	04/11/96	14.44	5.40	9.04	None
MW-9	08/01/96	14.44	5.69	8.75	None
MW-9	11/11/96	14.44	6.44	8.00	None
MW-9	02/04/97	14.44	4.30	10.14	None
MW-9	05/02/97	14.44	5.34	9.10	None
MW-9	07/31/97	14.44	5.97	8.47	None
MW-9	10/30/97	14.44	6.15	8.29	None
MW-9	02/04/98	14.44	3.30	11.14	None
MW-9	05/08/98	14.44	4.70	9.74	None
MW-9	07/21/98	14.44	5.53	8.91	None

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)	Free Product Thickness (feet)
MW-10	08/22/95	15.04	6.86	8.18	None
MW-10	10/25/95	15.04	7.91	7.13	None
MW-10	02/09/96	15.04	4.45	10.59	None
MW-10	04/11/96	15.04	4.61	10.43	None
MW-10	08/01/96	15.04	6.25	8.79	None
MW-10	11/11/96	15.04	7.42	7.62	None
MW-10	02/04/97	15.04	4.00	11.04	None
MW-10	05/02/97	15.04	5.52	9.52	None
MW-10	07/31/97	15.04	6.68	8.36	None
MW-10	10/30/97	15.04	6.92	8.12	None
MW-10	02/04/98	15.04	1.90	13.14	None
MW-10	05/08/98	15.04	4.29	10.75	None
MW-10	07/21/98	15.04	5.65	9.39	None
MW-11	08/22/95	10.61	5.12	5.49	None
MW-11	10/25/95	10.61	NM	NM	NM
MW-11	02/09/96	10.61	2.73	7.88	None
MW-11	04/11/96	10.61	3.00	7.61	None
MW-11	08/01/96	10.61	4.66	5.95	None
MW-11	11/11/96	10.61	5.85	4.76	None
MW-11	02/04/97	10.61	2.20	8.41	None
MW-11	05/02/97	10.61	3.95	6.66	None
MW-11	07/31/97	10.61	5.33	5.28	None
MW-11	10/30/97	10.61	5.76	4.85	None
MW-11	02/04/98	10.61	1.60	9.01	None
MW-11	05/08/98	10.61	2.66	7.95	None
MW-11	07/21/98	10.61	3.99	6.62	None
ND = None Detected					
TOC = Top of Casing					
MSL = Mean Sea Level					

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)	Methyl-tert-butylether (ppb)	TPHd (ppb)
MW-1	02/04/93	120	22	3.1	3.3	10	NS	NS
MW-1	05/06/93	710	320	3.1	4.2	20	NS	NS
MW-1	09/28/93	NS	NS	NS	NS	NS	NS	NS
MW-1	11/15/93	NS	NS	NS	NS	NS	NS	NS
MW-1	02/07/94	NS	NS	NS	NS	NS	NS	NS
MW-1	05/20/94	NS	NS	NS	NS	NS	NS	NS
MW-1	08/22/94	NS	NS	NS	NS	NS	NS	NS
MW-1	11/03/94	<50	<0.5	<0.5	<0.5	<0.5	NS	NS
MW-1	02/14/95	350	40	1.6	15	31	NS	NS
MW-1	05/19/95	220	35	2.4	7.2	23	NS	NS
MW-1	08/22/95	330	44	1.2	14	21	<10	NS
MW-1	10/25/95	<50	1.6	<0.5	<0.5	<0.5	NS	NS
MW-1	02/09/96	160	3.2	1.5	0.9	2.7	NS	NS
MW-1	04/11/96	1,300	300	85	25	110	NS	NS
MW-1	08/01/96	3,700	1,100	80	46	210	NS	NS
MW-1	11/11/96	NS	NS	NS	NS	NS	NS	NS
MW-1	02/04/97	NS	NS	NS	NS	NS	NS	NS
MW-1	05/02/97	650	63	<3	4.3	2.2	<30	NS
MW-1	07/31/97	440	99	1.6	2.6	5.8	<30	NS
MW-1	10/30/97	290	48	0.5	0.9	1.9	<30	NS
MW-1	02/04/98	<50	1.3	<0.5	<0.5	<0.5	NS	NS
MW-1	05/08/98	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NS
MW-1	07/21/98	50	16	<0.5	<0.5	0.7	5.6	NS
MW-2	02/04/93	430	45	0.5	20	30	NS	NS
MW-2	05/06/93	2,000	460	2.4	160	66	NS	NS
MW-2	09/28/93	NS	NS	NS	NS	NS	NS	NS
MW-2	11/15/93	NS	NS	NS	NS	NS	NS	NS
MW-2	02/07/94	NS	NS	NS	NS	NS	NS	NS
MW-2	05/20/94	NS	NS	NS	NS	NS	NS	NS
MW-2	08/22/94	NS	NS	NS	NS	NS	NS	NS
MW-2	11/02/94	NS	NS	NS	NS	NS	NS	NS
MW-2	02/14/95	NS	NS	NS	NS	NS	NS	NS
MW-2	05/19/95	580	75	19	5.1	30	NS	NS
MW-2	08/22/95	1,200	130	8.3	84	86	<10	NS
MW-2	10/25/95	350	79	1.2	55	13	NS	NS
MW-2	02/09/96	<50	1.5	0.5	1.1	1.5	NS	NS
MW-2	04/11/96	80	1.5	<0.5	<0.5	<0.5	NS	NS
MW-2	08/01/96	330	42	0.6	20	8.1	NS	NS
MW-2	11/11/96	NS	NS	NS	NS	NS	NS	NS
MW-2	02/04/97	NS	NS	NS	NS	NS	NS	NS
MW-2	05/02/97	<50	1.5	<0.5	<0.5	0.5	<30	NS
MW-2	07/31/97	50	1.8	<0.5	<0.5	<0.5	74	NS
MW-2	10/30/97	63	3.1	<0.5	0.6	1.1	34	NS
MW-2	02/04/98	<50	6.5	<0.5	1.2	<0.5	NS	NS
MW-2	05/08/98	<50	0.6	<0.5	<0.5	<0.5	<2.5	NS
MW-2	07/21/98	81	7.2	<0.5	1.1	1.1	6.3	NS

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)	Methyl-tert-butylether (ppb)	TPHd (ppb)
MW-3	02/04/93	2,900	180	13	210	350	NS	NS
MW-3	05/06/93	2,700	270	6.2	300	720	NS	NS
MW-3	09/28/93	1,800	92	1.7	99	240	NS	NS
MW-3	11/15/93	1,900	100	2.4	85	280	NS	NS
MW-3	02/07/94	1,400	69	3.3	100	320	NS	NS
MW-3	05/20/94	1,100	64	19	120	180	NS	NS
MW-3	08/22/94	77	4.3	<0.5	2.0	5.6	NS	NS
MW-3	11/02/94	<50	0.8	<0.5	<0.5	<0.5	NS	NS
MW-3	02/14/95	1,300	24	5	85	360	NS	NS
MW-3	05/19/95	5,300	98	28	650	1,700	NS	NS
MW-3	08/22/95	700	4.1	1.1	50	72	<10	NS
MW-3	10/25/95	<50	2.4	<0.5	<0.5	1.6	NS	NS
MW-3	02/09/96	<50	<0.5	<0.5	<0.5	<0.5	NS	NS
MW-3	04/11/96	2,000	11.0	3.9	190	500	NS	NS
MW-3	08/01/96	1,500	8.4	<0.5	160	150	NS	NS
MW-3	11/11/96	<50	<0.5	<0.5	<0.5	<0.5	<30	NS
MW-3	02/04/97	1,500	12	1.3	210	330	<30	NS
MW-3	05/02/97	3,100	35	<3	520	540	<30	NS
MW-3	07/31/97	1,200	11	<0.5	140	100	<30	NS
MW-3	10/30/97	520	6.1	<0.5	58	46	<30	NS
MW-3	02/04/98	4,800	25	4.0	660	1,200	NS	NS
MW-3	05/08/98	5,600	17	6.7	300	590	11	NS
MW-3	07/21/98	1,400	3.4	<1.0	110	270	<5.0	NS
MW-4	02/04/93	<50	<0.5	<0.5	<0.5	<0.5	NS	NS
MW-4	05/06/93	<50	1.6	<0.5	1.0	2.1	NS	NS
MW-4	09/28/93	NS	NS	NS	NS	NS	NS	NS
MW-4	11/15/93	<50	<0.5	<0.5	<0.5	<0.5	NS	NS
MW-4	02/07/94	<50	<0.5	<0.5	<0.5	2.6	NS	NS
MW-4	05/20/94	82	6.2	7.6	3.3	17	NS	NS
MW-4	08/22/94	<50	<0.5	<0.5	<0.5	<0.5	NS	NS
MW-4	11/02/94	<50	<0.5	0.6	<0.5	<0.5	NS	NS
MW-4	02/14/95	<50	<0.5	<0.5	<0.5	<0.5	NS	NS
MW-4	05/19/95	66	0.8	0.6	0.9	3.6	NS	NS
MW-4	08/22/95	<50	<0.5	<0.5	<0.5	<0.5	<10	NS
MW-4	10/25/95	<50	<0.5	<0.5	<0.5	<0.5	NS	NS
MW-4	02/09/96	<50	<0.5	<0.5	<0.5	<0.5	NS	NS
MW-4	04/11/96	NS	NS	NS	NS	NS	NS	NS
MW-4	08/01/96	<50	<0.5	<0.5	<0.5	<0.5	NS	NS
MW-4	11/11/96	<50	<0.5	<0.5	<0.5	<0.5	<30	NS
MW-4	02/04/97	<50	<0.5	<0.5	<0.5	<0.5	<30	NS
MW-4	05/02/97	<50	<0.5	<0.5	<0.5	<0.5	<30	NS
MW-4	07/31/97	<50	7.2	<0.5	0.7	2.0	<30	NS
MW-4	10/30/97	<50	<0.5	<0.5	<0.5	<0.5	<30	NS
MW-4	02/04/98	<50	<0.5	<0.5	<0.5	<0.5	NS	NS
MW-4	05/08/98	<100	<1.0	<1.0	<1.0	<1.0	<5.0	NS
MW-4	07/21/98	<50	2.0	2.2	1.2	6.3	<2.5	NS

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)	Methyl-tert-butylether (ppb)	TPHd (ppb)
MW-5	02/04/93	NS	NS	NS	NS	NS	NS	NS
MW-5	05/06/93	6,200	460	980	300	1,200	NS	NS
MW-5	09/28/93	NS	NS	NS	NS	NS	NS	NS
MW-5	11/15/93	NS	NS	NS	NS	NS	NS	NS
MW-5	02/07/94	NS	NS	NS	NS	NS	NS	NS
MW-5	05/20/94	NS	NS	NS	NS	NS	NS	NS
MW-5	08/22/94	NS	NS	NS	NS	NS	NS	NS
MW-5	11/03/94	5,700	800	400	4.7	600	NS	NS
MW-5	02/14/95	1,300	290	76	21	140	NS	NS
MW-5	05/19/95	600	83	20	5.7	33	NS	NS
MW-5	08/22/95	8,100	650	720	54	1,700	<50	NS
MW-5	10/25/95	1,500	290	85	15	170	NS	NS
MW-5	02/09/96	1,000	120	49	26	130	NS	NS
MW-5	04/11/96	210	5.7	<0.5	9.2	22	NS	NS
MW-5	08/01/96	86	<0.5	<0.5	<0.5	5.3	NS	NS
MW-5	11/11/96	NS	NS	NS	NS	NS	NS	NS
MW-5	02/04/97	NS	NS	NS	NS	NS	NS	NS
MW-5	05/02/97	<50	<0.5	<0.5	<0.5	<0.5	<30	NS
MW-5	07/31/97	110	5.8	3.2	5.8	17	<30	NS
MW-5	10/30/97	50	0.8	<0.5	0.5	5.2	<30	NS
MW-5	02/04/98	Well Inaccessible						
MW-5	05/08/98	Well Inaccessible						
MW-5	07/21/98	Well Inaccessible						
MW-6	02/04/93	2,300	19	5.4	27	220	NS	NS
MW-6	05/06/93	540	44	0.9	7.0	6.7	NS	NS
MW-6	09/28/93	180	2.7	0.7	6.3	13	NS	NS
MW-6	11/15/93	180	2.2	0.9	5.4	16	NS	NS
MW-6	02/07/94	240	2.9	1.2	3.9	7.1	NS	NS
MW-6	05/20/94	600	4.5	2.2	24	66	NS	NS
MW-6	08/22/94	400	3.2	1.0	7.9	40	NS	NS
MW-6	11/02/94	150	1.6	1.3	6.5	27	NS	NS
MW-6	02/14/95	770	4.0	2.9	42	130	NS	NS
MW-6	05/19/95	2,400	6.9	11	99	350	NS	NS
MW-6	08/22/95	190	1.0	1.7	5.2	18	<10	NS
MW-6	10/25/95	910	5.5	3.3	50	160	NS	NS
MW-6	02/09/96	4,100	3.8	10	60	270	NS	NS
MW-6	04/11/96	NS	NS	NS	NS	NS	NS	NS
MW-6	08/01/96	2,200	5.1	2.4	160	170	NS	NS
MW-6	11/11/96	1,000	3.7	1.5	38	1,100	<30	NS
MW-6	02/04/97	2,500	21	3.1	180	320	<30	NS
MW-6	05/02/97	1,600	33	1.6	92	180	<30	NS
MW-6	07/31/97	2,600	8.8	5.8	140	280	<30	NS
MW-6	10/30/97	1,100	3.5	<0.5	64	97	<30	NS
MW-6	02/04/98	400	2.0	0.6	3.3	36	NS	NS
MW-6	05/08/98	2,100	83	11	150	250	110	NS
MW-6	07/21/98	2,100	65	7.4	180	380	110	NS

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)	Methyl-tert-butylether (ppb)	TPHd (ppb)
MW-7	02/04/93	<50	<0.5	<0.5	<0.5	<0.5	NS	NS
MW-7	05/06/93	NS	NS	NS	NS	NS	NS	NS
MW-7	09/28/93	<50	<0.5	<0.5	<0.5	<0.5	NS	NS
MW-7	11/15/93	<50	<0.5	<0.5	<0.5	<0.5	NS	NS
MW-7	02/07/94	NS	NS	NS	NS	NS	NS	NS
MW-7	05/20/94	NS	NS	NS	NS	NS	NS	NS
MW-7	08/22/94	130	<0.5	<0.5	<0.5	<0.5	NS	NS
MW-7	11/02/94	73	<0.5	<0.5	<0.5	<0.5	NS	NS
MW-7	02/14/95	NS	NS	NS	NS	NS	NS	NS
MW-7	05/19/95	<50	<0.5	<0.5	<0.5	2.3	NS	NS
MW-7	08/22/95	400	<0.5	<0.5	<0.5	0.8	<10	NS
MW-7	10/25/95	NS	NS	NS	NS	NS	NS	NS
MW-7	02/09/96	NS	NS	NS	NS	NS	NS	NS
MW-7	04/11/96	NS	NS	NS	NS	NS	NS	NS
MW-7	08/01/96	460	<0.5	<0.5	<0.5	<0.5	NS	NS
MW-7	11/11/96	NS	NS	NS	NS	NS	NS	NS
MW-7	02/04/97	NS	NS	NS	NS	NS	NS	NS
MW-7	05/02/97	150	<0.5	<0.5	<0.5	<0.5	<30	NS
MW-7	07/31/97	100	<0.5	<0.5	<0.5	<0.5	<30	NS
MW-7	10/30/97	74	<0.5	<0.5	<0.5	<0.5	<30	NS
MW-7	02/04/98	Well Inaccessible						
MW-7	05/08/98	65	<0.5	<0.5	<0.5	1.0	<2.5	NS
MW-7	07/21/98	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NS
MW-8	02/04/93	540	150	3.7	5.2	10.0	NS	NS
MW-8	05/06/93	22,000	9,400	46	390	520	NS	NS
MW-8	09/28/93	8,000	1,700	22	30	75	NS	NS
MW-8	11/15/93	2,000	840	8.8	15	42	NS	NS
MW-8	02/07/94	1,700	460	0.6	13	5.0	NS	NS
MW-8	05/20/94	110	98	1.4	1.3	3.4	NS	NS
MW-8	08/22/94	51	16	<0.5	<0.5	<0.5	NS	NS
MW-8	11/02/94	<50	<0.5	<0.5	<0.5	<0.5	NS	NS
MW-8	02/14/95	<50	<0.5	<0.5	<0.5	<0.5	NS	NS
MW-8	05/19/95	<50	<0.5	<0.5	<0.5	<0.5	NS	NS
MW-8	08/22/95	<50	<0.5	<0.5	<0.5	<0.5	<10	NS
MW-8	10/25/95	<50	<0.5	<0.5	<0.5	<0.5	NS	NS
MW-8	02/09/96	<50	<0.5	<0.5	<0.5	<0.5	NS	NS
MW-8	04/11/96	<50	<0.5	<0.5	<0.5	<0.5	NS	NS
MW-8	08/01/96	<50	<0.5	<0.5	<0.5	<0.5	NS	NS
MW-8	11/11/96	<50	1.3	<0.5	<0.5	0.67	<30	NS
MW-8	02/04/97	<50	<0.5	<0.5	<0.5	<0.5	<30	NS
MW-8	05/02/97	<50	1.6	<0.5	<0.5	<0.5	<30	NS
MW-8	07/31/97	960	520	<0.5	2.3	6.4	<30	NS
MW-8	10/30/97	150	51	<0.5	2.5	<0.5	<30	NS
MW-8	02/04/98	<50	<0.5	<0.5	<0.5	<0.5	NS	NS
MW-8	05/08/98	<50	<0.5	<0.5	<0.5	<0.5	5.4	NS
MW-8	07/21/98	58	6.8	2.5	1.2	6.6	<2.5	NS

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)	Methyl-tert-butylether (ppb)	TPHd (ppb)
MW-9	08/22/95	<50	<0.5	<0.5	<0.5	<0.5	<10	NS
MW-9	10/25/95	<50	<0.5	<0.5	<0.5	<0.5	NS	NS
MW-9	02/09/96	<50	<0.5	<0.5	<0.5	<0.5	NS	NS
MW-9	04/11/96	<50	<0.5	<0.5	<0.5	<0.5	NS	NS
MW-9	08/01/96	<50	<0.5	<0.5	<0.5	<0.5	NS	NS
MW-9	11/11/96	<50	<0.5	<0.5	<0.5	<0.5	<30	NS
MW-9	02/04/97	<50	<0.5	<0.5	<0.5	<0.5	<30	NS
MW-9	05/02/97	<50	<0.5	<0.5	<0.5	<0.5	<30	NS
MW-9	07/31/97	120	4.3	3.0	3.2	10	<30	NS
MW-9	10/30/97	<50	<0.5	<0.5	<0.5	<0.5	<30	NS
MW-9	02/04/98	<50	<0.5	<0.5	<0.5	<0.5	NS	NS
MW-9	10/30/97	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NS
MW-9	07/21/98	75	7.5	6.1	2.3	12	<2.5	NS
MW-10	08/22/95	<50	<0.5	<0.5	<0.5	<0.5	<10	NS
MW-10	10/25/95	<50	<0.5	<0.5	<0.5	<0.5	NS	NS
MW-10	02/09/96	<50	<0.5	<0.5	<0.5	<0.5	NS	NS
MW-10	04/11/96	<50	0.7	1.8	1.3	7.7	NS	NS
MW-10	08/01/96	<50	<0.5	<0.5	<0.5	<0.5	NS	NS
MW-10	11/11/96	<50	<0.5	<0.5	<0.5	<0.5	<30	NS
MW-10	02/04/97	<50	<0.5	<0.5	<0.5	<0.5	<30	NS
MW-10	05/02/97	<50	<0.5	<0.5	<0.5	<0.5	<30	NS
MW-10	07/31/97	85	2.6	1.4	2.3	6.8	<30	NS
MW-10	10/30/97	<50	<0.5	<0.5	<0.5	<0.5	<30	NS
MW-10	02/04/98	<50	<0.5	<0.5	<0.5	<0.5	NS	NS
MW-10	05/08/98	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NS
MW-10	07/21/98	87	8.9	7.1	2.7	14	<2.5	NS
MW-11	08/22/95	<50	<0.5	<0.5	<0.5	<0.5	<10	NS
MW-11	10/25/95	NS	NS	NS	NS	NS	NS	NS
MW-11	02/09/96	<50	<0.5	<0.5	<0.5	<0.5	NS	NS
MW-11	04/11/96	<50	<0.5	<0.5	<0.5	<0.5	NS	NS
MW-11	08/01/96	76	6.8	5.3	2.7	9.1	NS	NS
MW-11	11/11/96	<50	<0.5	<0.5	<0.5	<0.5	<30	NS
MW-11	02/04/97	<50	<0.5	<0.5	<0.5	<0.5	<30	NS
MW-11	05/02/97	<50	<0.5	<0.5	<0.5	<0.5	<30	NS
MW-11	07/31/97	170	11	4.5	6.4	19	<30	NS
MW-11	10/30/97	<50	<0.5	<0.5	<0.5	<0.5	<30	NS
MW-11	02/04/98	<50	<0.5	<0.5	<0.5	<0.5	NS	NS
MW-11	05/08/98	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NS
MW-11	07/21/98	160	16	12	4.6	24	<2.5	NS

ppb = parts per billion
NS = Not Sampled
TPHg = Total Petroleum Hydrocarbons as gasoline
TPHd = Total Petroleum Hydrocarbons as diesel

APPENDIX

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (650) 364-9600, FAX (650) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (925) 988-9600, FAX (925) 988-9673
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1455 McDowell Blvd. North, Ste. D, Petaluma, CA 94954, (707) 792-1865, FAX (707) 792-0342

Blaine Tech Services
1680 Rogers Avenue
San Jose, CA 95112

Attention: Fran Thie

Client Proj. ID: Texaco 1127 Lincoln
Sample Descript: MW-1
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9807C86-01

Sampled: 07/21/98
Received: 07/22/98

Analyzed: 07/24/98
Reported: 08/04/98

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**50**	**50**
Methyl t-Butyl Ether	**2.5**	**5.6**
Benzene	**0.50**	**16**
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	**0.50**	**0.70**
Chromatogram Pattern:		**C6-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	97

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1624

Peggy Penner
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (650) 364-9600, FAX (650) 364-9233
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Blaine Tech Services	Client Proj. ID: Texaco 1127 Lincoln	Sampled: 07/21/98
1680 Rogers Avenue	Sample Descript: MW-2	Received: 07/22/98
San Jose, CA 95112	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 07/24/98
Attention: Fran Thie	Lab Number: 9807C86-02	Reported: 08/04/98

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**50**	**81**
Methyl t-Butyl Ether	**2.5**	**6.3**
Benzene	**0.50**	**7.2**
Toluene	0.50	N.D.
Ethyl Benzene	**0.50**	**1.1**
Xylenes (Total)	**0.50**	**1.1**
Chromatogram Pattern:		**C6-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	102

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1624

Peggy Penner
Project Manager

Sequoia Analytical

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Blaine Tech Services	Client Proj. ID: Texaco 1127 Lincoln	Sampled: 07/21/98
1680 Rogers Avenue	Sample Descript: MW-3	Received: 07/22/98
San Jose, CA 95112	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 07/24/98
Attention: Fran Thie	Lab Number: 9807C86-03	Reported: 08/04/98

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**100**	**1400**
Methyl t-Butyl Ether	5.0	N.D.
Benzene	**1.0**	**3.4**
Toluene	1.0	N.D.
Ethyl Benzene	**1.0**	**110**
Xylenes (Total)	**1.0**	**270**
Chromatogram Pattern:		**C6-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	90

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1624

Peggy Penner
Project Manager

Sequoia Analytical

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Blaine Tech Services	Client Proj. ID: Texaco 1127 Lincoln	Sampled: 07/21/98
1680 Rogers Avenue	Sample Descript: MW-4	Received: 07/22/98
San Jose, CA 95112	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 07/24/98
Attention: Fran Thie	Lab Number: 9807C86-04	Reported: 08/04/98

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	2.5	N.D.
Benzene	**0.50**	**2.0**
Toluene	**0.50**	**2.2**
Ethyl Benzene	**0.50**	**1.2**
Xylenes (Total)	**0.50**	**6.3**
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	97

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1624

Peggy Penner
Project Manager

Sequoia Analytical

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Blaine Tech Services	Client Proj. ID: Texaco 1127 Lincoln	Sampled: 07/21/98
1680 Rogers Avenue	Sample Descript: MW-6	Received: 07/22/98
San Jose, CA 95112	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 07/27/98
Attention: Fran Thie	Lab Number: 9807C86-05	Reported: 08/04/98

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**500**	**2100**
Methyl t-Butyl Ether	**25**	**110**
Benzene	**5.0**	**65**
Toluene	**5.0**	**7.4**
Ethyl Benzene	**5.0**	**180**
Xylenes (Total)	**5.0**	**380**
Chromatogram Pattern:		**C6-C12**

Surrogates	**Control Limits %**		**% Recovery**
Trifluorotoluene	70	130	91

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1624

Peggy Penner
Project Manager

Sequoia Analytical

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Blaine Tech Services	Client Proj. ID: Texaco 1127 Lincoln	Sampled: 07/21/98
1680 Rogers Avenue	Sample Descript: MW-7	Received: 07/22/98
San Jose, CA 95112	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 07/24/98
Attention: Fran Thie	Lab Number: 9807C86-06	Reported: 08/04/98

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	2.5	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	99

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1624

Peggy Penner
Project Manager

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Blaine Tech Services	Client Proj. ID: Texaco 1127 Lincoln	Sampled: 07/21/98
1680 Rogers Avenue	Sample Descript: MW-8	Received: 07/22/98
San Jose, CA 95112	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 07/04/98
Attention: Fran Thie	Lab Number: 9807C86-07	Reported: 08/04/98

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**50**	**58**
Methyl t-Butyl Ether	2.5	N.D.
Benzene	**0.50**	**6.8**
Toluene	**0.50**	**2.5**
Ethyl Benzene	**0.50**	**1.2**
Xylenes (Total)	**0.50**	**6.6**
Chromatogram Pattern:		**C6-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	96

Analytes reported as N.D. were not present above the stated limit of detection.

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Project Manager

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Blaine Tech Services	Client Proj. ID: Texaco 1127 Lincoln	Sampled: 07/21/98
1680 Rogers Avenue	Sample Descript: MW-9	Received: 07/22/98
San Jose, CA 95112	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 07/24/98
Attention: Fran Thie	Lab Number: 9807C86-08	Reported: 08/04/98

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**50**	**75**
Methyl t-Butyl Ether	2.5	N.D.
Benzene	**0.50**	**7.5**
Toluene	**0.50**	**6.1**
Ethyl Benzene	**0.50**	**2.3**
Xylenes (Total)	**0.50**	**12**
Chromatogram Pattern:		**C6-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	97

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1624

Peggy Penner
Project Manager

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Blaine Tech Services	Client Proj. ID: Texaco 1127 Lincoln	Sampled: 07/21/98
1680 Rogers Avenue	Sample Descript: MW-10	Received: 07/22/98
San Jose, CA 95112	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 07/24/98
Attention: Fran Thie	Lab Number: 9807C86-09	Reported: 08/04/98

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**50**	**87**
Methyl t-Butyl Ether	2.5	N.D.
Benzene	**0.50**	**8.9**
Toluene	**0.50**	**7.1**
Ethyl Benzene	**0.50**	**2.7**
Xylenes (Total)	**0.50**	**14**
Chromatogram Pattern:		**C6-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	95

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1624

Peggy Penner
Project Manager

Sequoia Analytical

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Blaine Tech Services	Client Proj. ID: Texaco 1127 Lincoln	Sampled: 07/21/98
1680 Rogers Avenue	Sample Descript: MW-11	Received: 07/22/98
San Jose, CA 95112	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 07/24/98
Attention: Fran Thie	Lab Number: 9807C86-10	Reported: 08/04/98

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**50**	**160**
Methyl t-Butyl Ether	2.5	N.D.
Benzene	**0.50**	**16**
Toluene	**0.50**	**12**
Ethyl Benzene	**0.50**	**4.6**
Xylenes (Total)	**0.50**	**24**
Chromatogram Pattern:		**C6-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	95

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1624

Peggy Penner
Project Manager

Sequoia Analytical

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Blaine Tech Services
1680 Rogers Avenue
San Jose, CA 95112

Attention: Fran Thie

Client Proj. ID: Texaco 1127 Lincoln
Sample Descript: EB
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9807C86-11

Sampled: 07/21/98
Received: 07/22/98

Analyzed: 07/24/98
Reported: 08/04/98

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	2.5	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	99

Analytes reported as N.D. were not present above the stated limit of detection

SEQUOIA ANALYTICAL - ELAP #1624

Peggy Penner
Project Manager

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Blaine Tech Services, Inc.
1680 Rogers Ave.
San Jose, CA 95112
Attention: Fran Thie

Client Project ID: Texaco 1127 Lincoln
Matrix: Liquid
Work Order #: 9807C86 -01-04, 06-09
Reported: Aug 7, 1998

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes	MTBE
QC Batch#:	8070317	8070317	8070317	8070317	8070317
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020	EPA 8015M
Prep. Method:	EPA 5030B	EPA 5030B	EPA 5030B	EPA 5030B	EPA 5030B
Analyst:	R. Bobel	R. Bobel	R. Bobel	R. Bobel	R. Bobel
MS/MSD #:	BLK072498	BLK072498	BLK072498	BLK072498	BLK072498
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.
Prepared Date:	7/24/98	7/24/98	7/24/98	7/24/98	7/24/98
Analyzed Date:	7/24/98	7/24/98	7/24/98	7/24/98	7/24/98
Instrument I.D.#:	-	-	-	-	-
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L	10 µg/L
Result:	9.88	9.13	9.43	28.4	12.3
MS % Recovery:	98.8	91.3	94.3	94.7	123
Dup. Result:	9.36	8.94	9.21	27.6	12.1
MSD % Recov.:	93.6	89.4	92.1	92	121
RPD:	5.4	2.1	2.4	2.9	1.6
RPD Limit:	0-25	0-25	0-25	0-25	0-25
LCS #:	LCS072498	LCS072498	LCS072498	LCS072498	LCS072498
Prepared Date:	7/24/98	7/24/98	7/24/98	7/24/98	7/24/98
Analyzed Date:	7/24/98	7/24/98	7/24/98	7/24/98	7/24/98
Instrument I.D.#:	-	-	-	-	-
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L	10 µg/L
LCS Result:	9.71	8.8	9.1	27.1	9.53
LCS % Recov.:	97.1	88	91	90.3	95.3
MS/MSD	60-140	60-140	60-140	60-140	60-140
LCS	70-130	70-130	70-130	70-130	70-130
Control Limits					

SEQUOIA ANALYTICAL
Elap #1624

Peggy Penner
Project Manager

Please Note
The LCS is a control sample of known interferent-free matrix that is analyzed using the same reagents preparation and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

Sequoia Analytical

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Blaine Tech Services, Inc.
1680 Rogers Ave.
San Jose, CA 95112
Attention: Fran Thie

Client Project ID: Texaco 1127 Lincoln
Matrix: Liquid
Work Order #: 9807C86-05
Reported: Aug 7, 1998

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes	MTBE
QC Batch#:	8070368	8070368	8070368	8070368	8070368
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020	EPA 8015M
Prep. Method:	EPA 5030B	EPA 5030B	EPA 5030B	EPA 5030B	EPA 5030B
Analyst:	R. Bobel	R. Bobel	R. Bobel	R. Bobel	R. Bobel
MS/MSD #:	BLK072798	BLK072798	BLK072798	BLK072798	BLK072798
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.
Prepared Date:	7/27/98	7/27/98	7/27/98	7/27/98	7/27/98
Analyzed Date:	7/27/98	7/27/98	7/27/98	7/27/98	7/27/98
Instrument I.D.#:	-	-	-	-	-
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L	10 µg/L
Result:	9.81	9.34	9.22	27.4	13.1
MS % Recovery:	98.1	93.4	92.2	91.3	131
Dup. Result:	9.61	9.33	9.21	27.3	13
MSD % Recov.:	96.1	93.3	92.1	91	130
RPD:	2.1	0.11	0.11	0.37	0.77
RPD Limit:	0-25	0-25	0-25	0-25	0-25
LCS #:	LCS072798	LCS072798	LCS072798	LCS072798	LCS072798
Prepared Date:	7/27/98	7/27/98	7/27/98	7/27/98	7/27/98
Analyzed Date:	7/27/98	7/27/98	7/27/98	7/27/98	7/27/98
Instrument I.D.#:	-	-	-	-	-
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L	10 µg/L
LCS Result:	9.12	8.62	8.56	25.3	9.14
LCS % Recov.:	91.2	86.2	85.6	84.3	91.4
MS/MSD	60-140	60-140	60-140	60-140	60-140
LCS	70-130	70-130	70-130	70-130	70-130
Control Limits					

SEQUOIA ANALYTICAL
Elap #1624

Peggy Penner
Project Manager

Please Note
The LCS is a control sample of known interferent-free matrix that is analyzed using the same reagents preparation and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

Sequoia Analytical

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Blaine Tech Services	Client Proj. ID: Texaco 1127 Lincoln	Received: 07/22/98
1680 Rogers Avenue		
San Jose, CA 95112	Lab Proj. ID: 9807C86	Reported: 08/04/98
Attention: Fran Thie		

LABORATORY NARRATIVE

In order to properly interpret this report, it must be reproduced in its entirety. This report contains a total of 11 pages including the laboratory narrative, sample results, quality control, and related documents as required (cover page, COC, raw data, etc.).

SEQUOIA ANALYTICAL

Peggy Penner
Project Manager

SEQUOIA ANALYTICAL
CHAIN OF CUSTODY

680 Chesapeake Drive • Redwood City, CA 94063 • (650) 364-9600 FAX (650) 364-9233
819 Striker Ave., Suite 8 • Sacramento, CA 95834 • (916) 921-9600 FAX (916) 921-0100
404 N. Wiget Lane • Walnut Creek, CA 94598 • (510) 988-9600 FAX (510) 988-9673

Company Name: TRHI EH&S	Project Name: 980721-R1
Address: Texaco Loc.#624881450 1127 Lincoln	Billing Address (if different): 108 Cutting Boulevard
City: Alameda State: CA Zip Code:	Richmond, California 94804
Telephone: (510) 236-3541 FAX #: (510) 237-7821	P.O. #:
Report To: Blaine Tech Sampler: Chris	QC Data: ☑ Level D (Standard) ☐ Level C ☐ Level B ☐ Level A

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

☐ Drinking Water ☐ Waste Water ☐ Other

Analyses Requested 9807C86

	Client Sample ID	Date/Time Sampled	Matrix Desc.	# of Cont.	Cont. Type	Sequoia's Sample #	TPH-g/BTEX	TPH Diesel	O&G/TRPH (418.1)	Nitrate	Sulfate	Total Sulfide	Comments
1	mw1	7/21/98 12:25	W	3	VOA	01	X						
2	mw2	12:45				02	X						
3	mw3	14:40				03	X						
4	mw4	13:20				04	X						
5	mw6	14:12				05	X						
6	mw7	15:18				06	X						
7	mw8	13:40				07	X						
8	mw9	12:00				08	X						
9	mw10	11:41				09	X						
10	mw11	11:13				10	X						

Relinquished By:	Date: 7/21	Time: 1725	Received By:	Date: 7.22.98	Time: 9:25
Relinquished By:	Date: 7.22.98	Time:	Received By: —	Date: —	Time: —
Relinquished By: —	Date: —	Time:	Received By Lab:	Date: 7-22-98	Time: 1023

Samples Received in Good Condition? ☐ Yes ☐ No Samples on Ice? ☐ Yes ☐ No Method of Shipment

Pink - Client
Yellow - Sequoia
White - Sequoia

SEQUOIA ANALYTICAL
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Telephone: (510) 236-3541 FAX #: (510) 237-7821	P.O. #:
Report to: Blaine Tech Sampler: Chris	QC Data: ☑ Level D (Standard) ☐ Level C ☐ Level B ☐ Level A

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

☐ Drinking Water ☐ Waste Water ☐ Other

Analyses Requested 9807C86

22 10 23

Client Sample ID	Date/Time Sampled	Matrix Desc.	# of Cont.	Cont. Type	Sequoia's Sample #	TPH-g/BTEX	TPH Diesel	O&G/TRPH (418.1)	Nitrate	Sulfate	Total Sulfide	Comments
1. EB ✓	7-21-98	W	3	VOA	11	X						
2												
3												
4.												
5												
6.												
7.												
8												
9												
10												

Relinquished By: Chris Fahlberg	Date: 7/21	Time: 9:25	Received By:	Date: 7-22-98	Time: 9:25
Relinquished By:	Date: 7-22-98	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By Lab:	Date: 7-22-98	Time: 10:23

Samples Received in Good Condition? ☐ Yes ☐ No Samples on Ice? ☐ Yes ☐ No Method of Shipment

Pink - Client
Yellow - Sequoia
White - Sequoia

Well Gauging Data

Project Name: Texaco # 6241881450
Project Number: 980721-R1

Date: 7-21-98
Recorded By: Chris

Well ID	TOC Elev.	DTB (ft. TOC)	Well Dia. (in.)	DTP (ft.)	DTW (ft.)	PT (ft.)	Comments
MW1		19.00	4		6.50		
MW2		19.17	4		6.92		
MW3		19.28	4		6.75		
MW4		20.34	4		6.75		
MW5		IN ACCESSABLE		Filled with cement			
MW6		19.55	2		7.11		
MW7		19.53	2		7.01		
MW8		19.83	4		6.50		
MW9		14.60	4		5.53		
MW10		14.42	4		5.65		
MW11		14.23	4		3.89		

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 #: 480721-R1	Texaco ID#: 6245814 50
Sampler: Chris	Date:
Well I.D.: MW1	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 19.00	Depth to Water: 6.50
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: _____

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

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
12:17	66.4	7.8	200	20	8.3	Clear
12:18	66.4	7.8	200	20	16.6	
12:19	65.8	7.8	200	30	24.9	

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

Sampling Time: 12:25 Sampling Date: 7-21-98

Sample I.D.: MW1 Laboratory: Sequoia

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

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

TEXACO WELL MONITORING DATA SHEET

Project #: 980721-R1	Texaco ID#: 6249814 50
Sampler: Chris	Date: 7-21-98
Well I.D.: MW2	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 19.17	Depth to Water: 6.92
Depth to Free Product:	Thickness of Free Product:

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

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

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

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
12:39	70.0	7.8	1000	20	8	clear
12:40	69.8	7.6	1000	20	16	slight odor
12:41	70.8	7.6	1000	30	24	

Did well dewater? Yes (No)	Gallons actually evacuated: 24
Sampling Time: 12:45	Sampling Date: 7-21-98
Sample I.D.: MW2	Laboratory: Sequoia
Analyzed for: (Tph-G BTEX) Tph-D	Other:
Equipment Blank I.D.:	Analyzed for same as primary sample

TEXACO WELL MONITORING DATA SHEET

Project #: 980721-R1	Texaco ID#: 624881450
Sampler: Chris	Date: 7-21-98
Well I.D.: MW3	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 19.29	Depth to Water: 6.75
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: _____

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

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
14:32	68.2	7.8	1000	10	8.3	clear
14:33	68.0	7.6	900	~~500~~ 10	16.6	
14:34	67.8	7.8	900	10	24.9	

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

Sampling Time: 14:40 Sampling Date: 7-21-98

Sample I.D.: MW3 Laboratory: Sequoia

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

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

TEXACO WELL MONITORING DATA SHEET

Project #: 980721-RI	Texaco ID#: 624881450
Sampler: Chris	Date: 7-21-98
Well I.D.: MW4	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 20.34	Depth to Water: 6.75
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: _____

8.9 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 26.7 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
13:16	70.8	8.0	400	10	8.9	clear
13:17	69.8	8.0	400	10	17.8	
13:18	69.4	8.0	400	10	26.7	

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

Sampling Time: 13:20 Sampling Date: 7-21-98

Sample I.D.: MW4 Laboratory: Sequoia

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

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

TEXACO WELL MONITORING DATA SHEET

Project #: 980721-R1	Texaco ID#: 624981450
Sampler: Chris	Date: 7-21-98
Well I.D.: MW6	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 19.55	Depth to Water: 7.11
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 (9) / Electric Submersible / Extraction Pump / Other: ___

Sampling Method: S.S. Bailer (~~S.S. Bailer~~) / Teflon Bailer / Extraction Port / Other: ___

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

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
14:05	69.4	7.5	800	40	2.1	
14:08	68.2	7.5	600	50	4.2	Strong odor Gas
14:11	67.2	7.5	600	500	6.3	

Did well dewater? Yes (No) Gallons actually evacuated: 6.3

Sampling Time: 14:15 Sampling Date: 7-21-98

Sample I.D.: MW6 Laboratory: Sequoia

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

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

TEXACO WELL MONITORING DATA SHEET

Project #: 980721-R1	Texaco ID#: 624881450
Sampler: Chris	Date: 7-21-98
Well I.D.: mw7	Well Diameter: ② 3 4 6 8 ____
Total Well Depth: 19.53	Depth to Water: 7.01
Depth to Free Product:	Thickness of Free Product:

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

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

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

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

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

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
15:00	70.0	8.0	200	100	2.1	Brown Cloudy
15:05	69.0	8.0	200	<200	4.2	Cloudy Brown
15:10	69.0	8.0	200	<200	6.3	

Did well dewater? Yes (No) Gallons actually evacuated: 6.3

Sampling Time: 15:15 Sampling Date: 7-21-98

Sample I.D.: mw7 Laboratory: Sequoia

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

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

TEXACO WELL MONITORING DATA SHEET

Project #: 980721-R1	Texaco ID#: 6248814SG
Sampler: Chris	Date: 7-21-98
Well I.D.: mw8	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 19.83	Depth to Water: 6.50
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: _____

8.8 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 26.4 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
13:39	68.0	8.0	200	40	8.8	sulfur odor
13:40	67.4	8.0	200	60	17.6	
13:41	67.4	7.5	300	60	26.4	

Did well dewater? Yes / No (circled) Gallons actually evacuated: 26.5

Sampling Time: 13:45 Sampling Date: 7-21-98

Sample I.D.: mw8 Laboratory: Sequoia

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

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

TEXACO WELL MONITORING DATA SHEET

Project #: 980721-R1	Texaco ID#: 624881450
Sampler: Chris	Date: 7-21-98
Well I.D.: mw9	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 14.60	Depth to Water: 5.53
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 (Y) / Extraction Pump / Other: _____

Sampling Method: S.S. Bailer (Y) / Teflon Bailer / Extraction Port / Other: _____

6	x	3	=	18 Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
11:54	68.2	7.6	200	30	6	Brownish Buff
11:55	68.4	7.5	200	40	12	clear
11:56	68.0	7.5	200	40	18	

Did well dewater? Yes (No)	Gallons actually evacuated: 18
Sampling Time: 12:00	Sampling Date: 7-21-98
Sample I.D.: mw9	Laboratory: Sequoia
Analyzed for: Tph-G BTEX Tph-D	Other:
Equipment Blank I.D.:	Analyzed for same as primary sample

TEXACO WELL MONITORING DATA SHEET

Project #: 980721-R1	Texaco ID#: 624981450
Sampler: Chris	Date: 7-21-98
Well I.D.: mw 10	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 14.42	Depth to Water: 5.65
Depth to Free Product:	Thickness of Free Product:

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

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

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

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
11:36	65.6	7.5	400	60	5.8	cloudy Brown
11:37	66.0	7.5	400	80	11.6	
11:38	65.8	7.5	400	80	17.4	

Did well dewater? Yes (No)

Gallons actually evacuated: 17.5

Sampling Time: 11:41

Sampling Date: 7-21-98

Sample I.D.: mw10

Laboratory: Sequoia

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

Equipment Blank I.D.:

Analyzed for same as primary sample

TEXACO WELL MONITORING DATA SHEET

Project #: 980721-R1	Texaco ID#: 6248814 50
Sampler: Chris	Date: 7-21-98
Well I.D.: MW11	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 14.23	Depth to Water: 3.99
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: _____

6.7 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 20.1 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Color/Odor
11:06	69.6	7.5	400	60	6.7	Cloudy
11:07	68.8	7.5	300	70	13.4	
11:08	69.8	7.8	200	80	20.1	

Did well dewater? Yes (No) Gallons actually evacuated: 20.1

Sampling Time: 11:13 Sampling Date: 7-21-98

Sample I.D.: MW11 Laboratory: (Sequoia)

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

Equipment Blank I.D.: EB @ 11:20 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 TRMI EH&S.

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

is authorized by TRMI EH&S 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 TRMI EH&S in either Redwood City, California or in Richmond, California. Transport routing of the Non-Hazardous Well Purgewater may be direct from one Texaco facility to the designated destination point; from one Texaco facility to the designated destination point via another Texaco facility; from a Texaco facility to the designated destination point via the contractor's facility, or any combination thereof. The Non-Hazardous Well Purgewater is and remains the property of TRMI EH&S.

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

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

WELL I.D.	GALS.	WELL I.D.	GALS.
Total purge water	180		

Total gals. 180

added rinse water 10

Total Gals. Recovered 190

Job#: 980721-R1
Date: 7-21-98
Time: 15:15
Signature: Chris DeAlmeida

REC'D AT:
Date:
Time:
Signature:

QUARTERLY SUMMARY REPORT

Former Texaco Service Station/Current Auto Repair Facility
1127 Lincoln Avenue, Alameda, California
Alameda County
Third Quarter, 1998

HISTORY OF INVESTIGATIVE AND REMEDIAL ACTIONS

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

WORK PERFORMED DURING THIS QUARTER

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

CHARACTERIZATION STATUS

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

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

REMEDIATION STATUS

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

WORK TO BE PERFORMED NEXT QUARTER

Continuation of the quarterly ground water monitoring and sampling program.

WATER WELL SURVEY

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

1127qsr.983