



Texaco Refining  
and Marketing Inc.

10000  
Univ. of Cal. at Berkeley

93 SEP 27 AM 11:44

September 24, 1993

Mr. Tom Peacock  
Alameda County Environmental  
Health Department  
80 Swan Way, Room 200  
Oakland, CA 94621

Dear Tom:

Enclosed is a copy of our quarterly technical letter report dated September 16, 1993, the currently operating Exxon service station located at 2225 Telegraph Avenue in Oakland, California.

Please call me at (818) 505-2476 if you have any questions or wish to discuss the report further.

Very truly yours,

Bob Robles  
Texaco Refining and Marketing Inc.

RR:rr

Enclosure

cc: Mr. Rich Hiett  
California Regional Water  
Quality Control Board  
San Francisco Bay Region  
2101 Webster Street, Ste. 500  
Oakland, Ca 94612

DAHarris - Exxon; Houston  
RRZielinski-Richmond

pr\_\_

3315 Almaden Expressway, Suite 34  
San Jose, CA 95118  
Phone: (408) 264-7723  
FAX: (408) 264-2435

September 16, 1993  
62073.01

Mr. Robert Robles  
Texaco Environmental Services  
10 Universal City Plaza, 7th Floor  
Universal City, California 91608

Subject: Groundwater Monitoring and Sampling, Third Quarter 1993, Texaco Service Station, 2225 Telegraph Avenue, Oakland, California.

Mr. Robles:

At the request of Texaco Environmental Services (TES), RESNA Industries Inc. (RESNA) has prepared this letter report which summarizes the results of monthly groundwater monitoring and quarterly groundwater sampling at the former Texaco Service Station located at 2225 Telegraph Avenue in Oakland, California (Plate 1, Site Vicinity Map) for the third quarter 1993 (July through September 1993). Monthly monitoring was conducted on July 26, and quarterly groundwater monitoring and sampling was conducted on August 10, 1993, to evaluate groundwater elevations, gradient and flow direction, the presence and thickness of any petroleum hydrocarbon sheen or floating product, and the distribution of dissolved hydrocarbons in the five groundwater monitoring wells (MW-6B, MW-6E, MW-6G, MW-6H, and MW-6I) sampled at this site. Well MW-6F was not sampled because it was inaccessible; the lock had been changed on the gate and a key was not available. As requested by TES, wells RW-1 and RW-2 were not monitored or sampled this quarter. RESNA's groundwater sampling protocol and well purge data sheets are included in Appendix A.

#### GROUNDWATER MONITORING

Based on the August 10, 1993, depth to water levels, groundwater elevations at the site have decreased an average of approximately 0.63 feet from the elevations reported the last quarterly monitoring event, except in well MW-6H, where the groundwater elevation increased 0.05 feet. On August 10, 1993, the groundwater flow direction was interpreted to be toward the south-west with a hydraulic gradient of approximately 0.01 (Plate 2, Groundwater Gradient Map). Neither floating product nor hydrocarbon sheen was observed in the wells. Historical and recent monitoring data are summarized in Table 1, Cumulative Groundwater Monitoring Data.

*of course,  
RW-1 and  
RW-2 were  
not checked*

Third Quarter 1993 Quarterly Report  
2225 Telegraph Avenue, Oakland, California

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## **GROUNDWATER SAMPLING**

Groundwater samples were submitted to Mobile Chem Laboratories (California Hazardous Materials Testing Laboratory Certification No. 1223) in Martinez, California under chain of custody protocol. The samples were analyzed for the gasoline constituents benzene, toluene, ethylbenzene, and total xylenes (BTEX), and total petroleum hydrocarbons as gasoline (TPHg) using modified Environmental Protection Agency (EPA) Methods 5030 and TPH LUFT with Method 602. The Chain of Custody and Laboratory Analysis Documentation Reports are included in Appendix B.

## **GROUNDWATER ANALYTICAL RESULTS**

Concentrations of TPHg in groundwater samples ranged from less than the method detection limit (MDL) of 50 parts per billion (ppb) to 1,700 ppb (MW-6E). Dissolved benzene concentrations in groundwater samples ranged from less than the MDL of 0.5 ppb to 130 ppb (MW-6E). TPHg and benzene concentrations are shown on Plate 3, TPHg/Benzene Concentrations in Groundwater. Historical and recent analytical data are summarized in Table 2, Cumulative Results of Laboratory Analyses of Groundwater Samples.

## **PURGE WATER RECYCLING**

On August 18, 1993 approximately 85 gallons of purge water generated during purging and sampling of the monitoring wells were transported to Gibson Environmental in Redwood City, California for recycling. The Non-Hazardous Waste Data Form is included in Appendix C.

3315 Almaden Expressway, Suite 34  
San Jose, CA 95118  
Phone: (408) 264-7723  
FAX: (408) 264-2435

LETTER REPORT  
GROUNDWATER MONITORING AND SAMPLING  
Third Quarter 1993  
at  
Former Texaco Station  
2225 Telegraph Avenue  
Oakland, California

62073.01

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Third Quarter 1993 Quarterly Report  
2225 Telegraph Avenue, Oakland, California


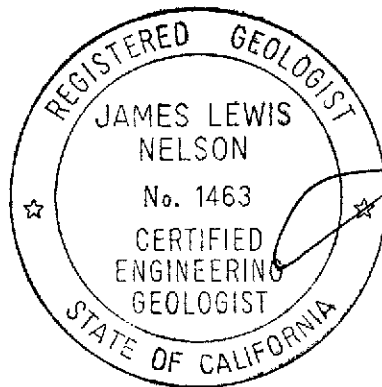
September 16, 1993  
62073.01

If you have any questions or comments regarding this report, please call (408) 264-7723.

Sincerely,  
RESNA Industries Inc.

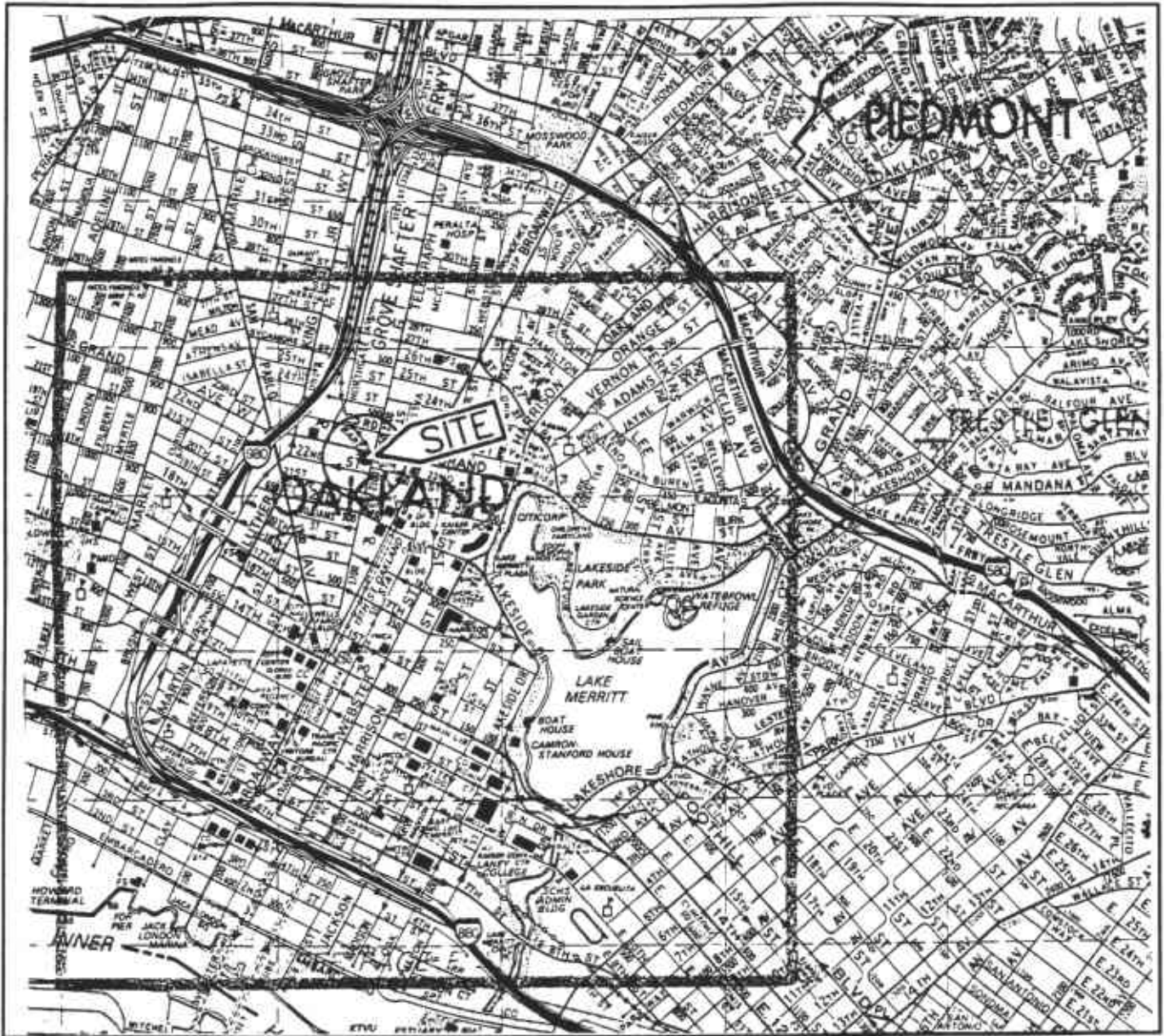


Robin A. Adair  
Geologic Technician



James L. Nelson  
Certified Engineering  
Geologist 1463

- Enclosures: Plate 1: Site Vicinity Map  
Plate 2: Groundwater Gradient Map (August 10, 1993)  
Plate 3: TPHg/Benzene Concentrations in Groundwater (August 10, 1993)
- Table 1: Cumulative Groundwater Monitoring Data  
Table 2: Cumulative Results of Laboratory Analyses of Groundwater Samples
- Appendix A, Groundwater Sampling Protocol and Well Purge Data Sheets  
Appendix B, Laboratory Analysis Reports and Chain of Custody Documentation  
Appendix C, Non Hazardous Waste Data Form



Base: The Thomas Guide  
 Alameda County  
 Oakland, California  
 1991

**LEGEND**

○ = Site Location



Approximate Scale



**RESNA**  
 Working to Restore Nature

**PROJECT 62073.01**

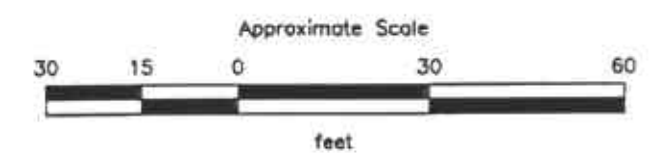
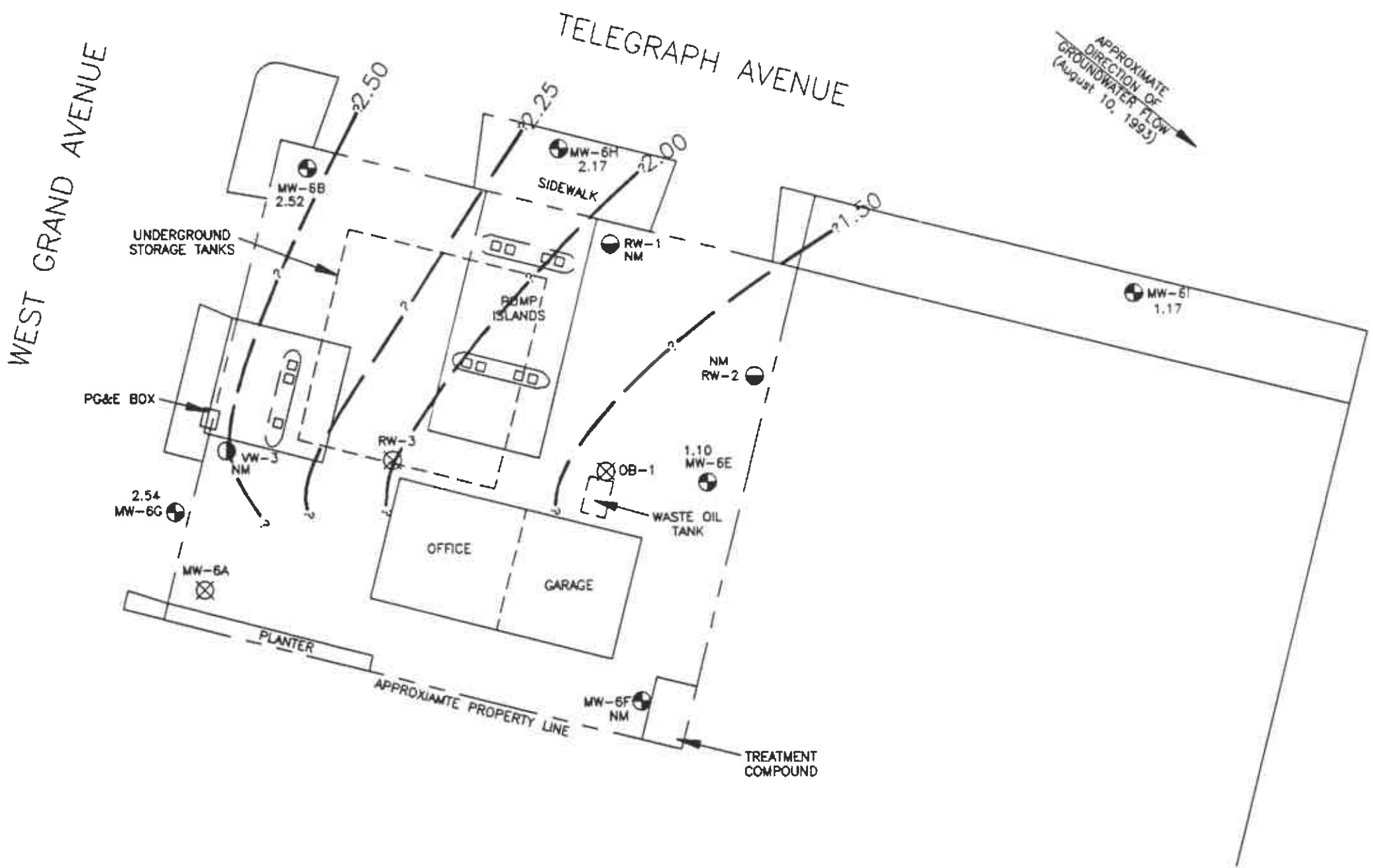
**SITE VICINITY MAP  
 Former Texaco Station  
 2225 Telegraph Avenue  
 Oakland, California**

**PLATE**

**1**

**EXPLANATION**

- MW-6I ⊕ = Groundwater monitoring well (Harding Lawson, 1988)
- RW-2 ⊕ = Groundwater recovery/vapor extraction well (Harding Lawson, 1988 and 1990)
- VW-3 ⊕ = Vapor extraction well (Harding Lawson, 1988)
- RW-3 ⊗ = Destroyed well
- 2.50 — = Line of equal elevation of groundwater in feet above mean sea level (MSL)
- 2.54 = Elevation of groundwater in feet above MSL, August 10, 1993
- NM = Not Monitored



Note:  
 RW-1 was formerly B-3  
 RW-2 was formerly MW-6D  
 RW-3 was formerly MW-6C

Source: Modified from site plan provided by Harding Lawson Associates, dated July 29, 1992.







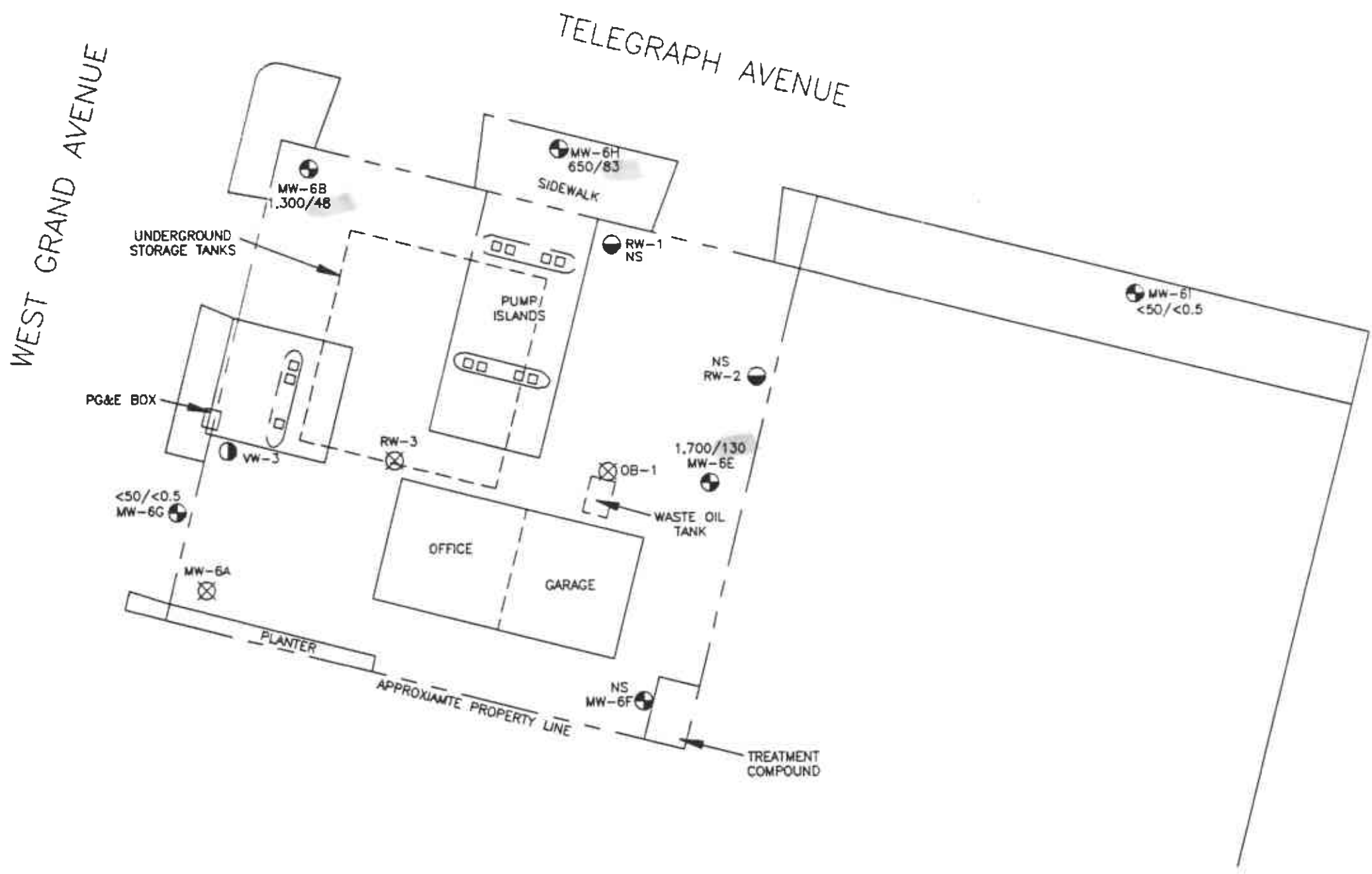
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**GROUNDWATER GRADIENT MAP**  
 Former Texaco Station  
 2225 Telegraph Avenue  
 Oakland, California

**PLATE**  
 2

**EXPLANATION**

- MW-6I  = Groundwater monitoring well (Harding Lawson, 1988)
- RW-2  = Groundwater recovery/vapor extraction well (Harding Lawson, 1988 and 1990)
- VW-3  = Vapor extraction well (Harding Lawson, 1988)
- RW-3  = Destroyed well
- 1,700/130 = Concentration of TPHg/Benzene in groundwater in parts per billion, August 10, 1993
- NS = Not sampled



Note:  
 RW-1 was formerly B-3  
 RW-2 was formerly MW-6D  
 RW-3 was formerly MW-6C

Source: Modified from site plan provided by Harding Lawson Associates, dated July 29, 1992.



**TPHg/BENZENE CONCENTRATIONS IN GROUNDWATER**  
 Former Texaco Station  
 2225 Telegraph Avenue  
 Oakland, California

**PLATE**  
**3**

**PROJECT 62073.01**



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TABLE 1  
CUMULATIVE GROUNDWATER MONITORING DATA  
Texaco Service Station  
2225 Telegraph Avenue  
Oakland, California  
(Page 1 of 8)

<u>Well</u>	Date	Wellhead Elevation	Depth to Water	Groundwater Elevation*	Floating Product	
<u>MW-6A</u> HLA	12/15/88	98.99*	13.77	85.22	NA	
	10/03/89		13.40	85.59	NA	
	05/11/90		12.87	86.12	NA	
	10/16/90		13.27	85.72	NA	
	12/06/90		13.28	85.71	NA	
	01/14/91		Not Monitored			
	02/08/91		12.49	86.50	NA	
	04/02/91		Not Monitored			
	05/07/91		11.94	87.05	NA	
	05/31/91		Not Accessible			
	06/26/91		12.87	86.12	NA	
	08/05/91		13.44	85.55	NA	
	08/14/91		13.47	85.52	NA	
	09/11/91		13.48	85.51	NA	
	10/16/91		13.64	85.35	NA	
12/30/91	Well Destroyed					
<u>MW-6B</u> HLA	12/15/88	98.81*	13.01	85.80	NA	
	10/03/89		12.94	85.87	NA	
	04/30/90		12.53	86.28	NA	
	10/16/90		12.73	86.08	NA	
	12/06/90		12.74	86.07	NA	
	01/14/91		12.57	86.24	NA	
	02/08/91		12.16	86.65	NA	
	04/02/91		11.50	87.31	NA	
	05/07/91		12.02	86.79	NA	
	05/31/91		12.40	86.41	NA	
	06/26/91		12.69	86.12	NA	
	08/05/91		12.95	85.86	NA	
	08/14/91		12.93	85.88	NA	
	09/11/91		13.01	85.80	NA	
	10/16/91		13.09	85.72	NA	
	12/30/91		12.62	86.19	NA	
	02/25/92		11.81	87.00	NA	
	03/25/92		11.58	87.23	NA	
	06/16/92		15.34**	12.54	2.80	NA
	RESNA 09/08/92			12.87	2.47	None
11/05/92	12.70	2.64		None		
12/14/92	12.19	3.15		None		

See notes on page 8 of 8.

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TABLE 1  
CUMULATIVE GROUNDWATER MONITORING DATA  
Texaco Service Station  
2225 Telegraph Avenue  
Oakland, California  
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<u>Well</u>	Date	Wellhead Elevation	Depth to Water	Groundwater Elevation*	Floating Product	
<u>MW-6B cont'd</u>	01/28/93		11.39	3.95	None	
	02/11/93		11.70	3.64	None	
	03/09/93		11.70	3.64	None	
	04/14/93		11.87	3.47	None	
	05/11/93		12.22	3.12	None	
	06/17/93		12.46	2.88	None	
	07/26/93		12.72	2.58	None	
	08/10/93		12.82	2.52	None	
<u>RW-3 (formerly MW-6C)</u>						
HLA	12/15/88	99.89*	14.41	85.48	NA	
	10/03/89		14.10	85.79	NA	
	04/30/90		13.81	86.68	NA	
	10/16/90	98.97*	13.29	85.68	NA	
	01/14/91		14.50	84.47	NA	
	02/08/91		12.54	86.43	NA	
	04/02/91		11.39	87.58	NA	
	05/07/91		12.47	86.50	NA	
	05/31/91		16.31	82.66	NA	
	06/26/91		15.50	83.47	NA	
	08/05/91		13.69	85.28	NA	
	08/13/91		13.67	85.30	NA	
	09/11/91		13.77	85.20	NA	
10/16/91		16.66	82.31	NA		
Well Destroyed						
<u>RW-2 (formerly MW-6D)</u>						
HLA	12/15/88	98.78*	13.53	85.25	NA	
	10/03/89		13.44	85.34	NA	
	04/30/90		13.19	85.59	NA	
	10/16/90	98.11*	12.77	85.34	NA	
	01/14/91		Not Monitored			
	02/08/91		13.11	85.00	NA	
	04/02/91		11.70	86.41	NA	
	05/07/91		14.09	84.02	NA	
	05/31/91		16.01	82.10	NA	
	06/26/91		14.60	83.51	NA	
	08/05/91		14.00	84.11	NA	
	08/13/91		21.30	76.81	NA	
	09/11/91		19.97	78.14	NA	
	10/16/91		15.19	82.92	NA	
	12/30/91		13.19	84.92	NA	

See notes on page 8 of 8.

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TABLE 1  
CUMULATIVE GROUNDWATER MONITORING DATA  
Texaco Service Station  
2225 Telegraph Avenue  
Oakland, California  
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Well	Date	Wellhead Elevation	Depth to Water	Groundwater Elevation*	Floating Product
RW-2 (cont'd)	02/25/92		16.27	81.84	NA
	03/25/92			Not Monitored	
	06/16/92	14.61**	12.86	1.75	NA
	09/08/92			Not Monitored	
	11/05/92			Not Monitored	
	12/14/92			Not Monitored	
	01/28/93			Not Monitored	
	02/11/93			Not Monitored	
	03/09/93			Not Monitored	
	04/14/93			Not Monitored	
	05/11/93			Not Monitored	
MW-6E HLA	12/15/88	98.99*	13.84	85.15	NA
	10/03/89		13.70	85.29	NA
	04/30/90		13.43	85.56	NA
	10/16/90		13.77	85.22	NA
	12/06/90		13.95	85.04	NA
	01/14/91		13.95	85.04	NA
	02/08/91		13.20	85.79	NA
	04/02/91		12.28	86.71	NA
	05/07/91		13.48	85.51	NA
	05/31/91		14.09	84.90	NA
	06/26/91		12.54	86.45	NA
	08/05/91		14.39	84.60	NA
	08/14/91		14.18	84.81	NA
	09/11/91		14.73	84.26	NA
	10/16/91		14.40	84.59	NA
	12/30/91		13.39	85.60	NA
	02/25/92		13.16	85.83	NA
	03/25/92		12.15	86.84	NA
	06/16/92	15.23**	13.54	1.69	NA
	RESNA	09/08/92		14.78	0.45
11/05/92				Not Monitored	
12/14/92				Not Monitored	
01/28/93			11.62	3.61	None
02/11/93			12.85	2.38	None
03/09/93			12.83	2.40	None
04/14/93				Not Monitored	

See notes on page 8 of 8.

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TABLE 1  
CUMULATIVE GROUNDWATER MONITORING DATA  
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2225 Telegraph Avenue  
Oakland, California  
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<u>Well</u>	Date	Wellhead Elevation	Depth to Water	Groundwater Elevation*	Floating Product	
<u>MW-6E cont'd</u>	05/11/93		13.59	1.64	None	
	06/17/93		13.74	1.49	None	
	07/26/93		14.01	1.22	None	
	08/10/93		14.13	1.10	None	
<u>MW-6F HLA</u>	12/15/88	99.91*	14.73	85.18	NA	
	10/03/89		14.48	85.43	NA	
	04/30/90		14.14	85.77	NA	
	10/16/90		14.77	85.14	NA	
	12/06/90		14.81	85.10	NA	
	01/14/91		14.73	85.18	NA	
	02/08/91		13.73	86.18	NA	
	04/02/91		12.38	87.53	NA	
	05/07/91		13.67	86.24	NA	
	05/31/91		14.43	85.48	NA	
	06/26/91		14.81	85.10	NA	
	08/05/91		14.96	84.95	NA	
	08/14/91		14.87	85.04	NA	
	09/11/91		15.11	84.80	NA	
	10/16/91		15.16	84.75	NA	
	12/30/91		13.78	86.13	NA	
	02/25/92		12.68	87.23	NA	
	03/25/92		11.93	87.98	NA	
	<u>RESNA</u>	06/16/92	16.46**	14.34	2.12	NA
		09/08/92		14.75	1.71	None
11/05/92			14.35	2.11	None	
12/14/92			12.90	3.56	None	
01/28/93			11.60	4.86	None	
02/11/93			12.25	4.21	None	
03/09/93			12.50	3.96	None	
04/14/93			12.71	3.75	None	
05/11/93			13.63	2.83	None	
06/17/93			14.02	2.44	None	
			Not Monitored			
			Not Monitored			
<u>MW-6G HLA</u>	12/15/88	99.16*	12.39	86.77	NA	

See notes on page 8 of 8.

TABLE 1  
CUMULATIVE GROUNDWATER MONITORING DATA  
Texaco Service Station  
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<u>Well</u>	<u>Date</u>	<u>Wellhead Elevation</u>	<u>Depth to Water</u>	<u>Groundwater Elevation*</u>	<u>Floating Product</u>	
<u>MW-6G cont'd</u>	10/03/89		12.22	86.94	NA	
	04/30/90		11.73	87.43	NA	
	10/16/90		12.28	86.88	NA	
	12/06/90		12.27	86.89	NA	
	01/14/91		12.14	87.02	NA	
	02/08/91		11.44	87.72	NA	
	04/02/91		10.03	89.13	NA	
	05/07/91		11.00	88.16	NA	
	05/31/91		11.75	87.41	NA	
	06/26/91		12.91	86.25	NA	
	08/05/91		12.43	86.73	NA	
	08/14/91		12.43	86.73	NA	
	09/11/91		12.48	86.68	NA	
	10/16/91		12.64	86.52	NA	
	12/30/91		11.80	87.36	NA	
	02/25/92		10.32	88.84	NA	
	03/25/92		9.93	89.23	NA	
	06/16/92	14.71**	11.88	2.83	NA	
	RESNA	09/08/92		12.20	2.51	None
		11/05/92		12.02	2.69	None
12/14/92			10.95	3.76	None	
01/28/93			9.56	5.15	None	
02/11/93			10.04	4.67	None	
03/09/93			10.10	4.61	None	
04/14/93			10.43	4.28	None	
05/11/93			11.05	3.66	None	
06/17/93			11.49	3.22	None	
07/26/93			11.98	2.73	None	
08/10/93		12.17	2.54	None		
<u>MW-6H HLA</u>	12/15/88	97.93*	12.39	85.54	NA	
	10/03/89		12.36	85.57	NA	
	04/30/90		12.10	85.83	NA	
	10/16/90		12.18	85.75	NA	
	12/06/90		12.29	85.64	NA	
	01/14/91		12.22	85.71	NA	
	02/08/91		11.93	86.00	NA	
	04/02/91		11.59	86.34	NA	
	05/07/91		12.24	85.69	NA	
	05/31/91		12.22	85.71	NA	

See notes on page 8 of 8.

TABLE 1  
CUMULATIVE GROUNDWATER MONITORING DATA  
Texaco Service Station  
2225 Telegraph Avenue  
Oakland, California  
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Well	Date	Wellhead Elevation	Depth to Water	Groundwater Elevation*	Floating Product	
<u>MW-6H cont'd</u>	06/26/91		14.34	83.59	NA	
	08/05/91		12.62	85.31	NA	
	08/14/91		12.43	85.50	NA	
	09/11/91		12.83	85.10	NA	
	10/16/91		12.71	85.22	NA	
	12/30/91		12.16	85.77	NA	
	02/25/92		12.17	85.76	NA	
	03/25/92		11.65	86.28	NA	
	06/16/92	14.47**	12.12	2.35	NA	
	RESNA	09/08/92		12.30	2.17	None
		11/05/92		12.05	2.42	None
		12/14/92		11.65	2.82	None
		01/28/93		11.57	2.90	None
		02/11/93		12.22	2.25	None
		03/09/93		12.02	2.45	None
		04/14/93		12.02	2.45	None
		05/11/93		12.35	2.12	None
		06/17/93		12.22	2.25	None
	07/26/93		12.32	2.15	None	
	08/10/93		12.30	2.17	None	
<u>MW-6I</u> HLA	12/15/88	97.60*	12.82	84.78	NA	
	10/03/89		12.83	84.77	NA	
	04/30/90		12.66	84.94	NA	
	10/16/90		12.71	84.89	NA	
	12/06/90		12.75	84.85	NA	
	01/14/91		12.55	85.05	NA	
	02/08/91		12.32	85.28	NA	
	04/02/91		12.22	85.38	NA	
	05/07/91		12.61	84.99	NA	
	05/31/91		12.82	84.78	NA	
	06/26/91		12.93	84.67	NA	
	08/05/91		13.01	84.59	NA	
	08/14/91		12.98	84.62	NA	
	09/11/91		13.11	84.49	NA	
	10/16/91		13.04	84.56	NA	
	12/30/91		12.72	84.88	NA	
02/25/92		12.45	85.15	NA		
03/25/92		12.12	85.48	NA		
06/16/92	14.14**	12.75	1.39	NA		

See notes on page 8 of 8.

TABLE 1  
CUMULATIVE GROUNDWATER MONITORING DATA  
Texaco Service Station  
2225 Telegraph Avenue  
Oakland, California  
(Page 7 of 8)

<u>Well</u>	Date	Wellhead Elevation	Depth to Water	Groundwater Elevation*	Floating Product	
<u>MW-6I con't</u> RESNA	09/08/92		12.84	1.30	None	
	11/05/92		12.75	1.39	None	
	12/14/92		12.40	1.74	None	
	01/28/93		12.20	1.94	None	
	02/11/93		12.40	1.74	None	
	03/09/93		12.45	1.69	None	
	04/14/93		12.43	1.71	None	
	05/11/93		12.73	1.41	None	
	06/17/93		12.78	1.36	None	
	07/26/93		12.92	1.22	None	
08/10/93		12.97	1.17	None		
<u>RW-1</u> HLA	10/16/90	97.89*	12.24	85.65	NA	
	01/14/91		12.80	85.09	NA	
	02/08/91		12.53	85.36	NA	
	04/02/91		NA	NA	NA	
	05/07/91		NA	NA	NA	
	05/31/91		12.86	85.03	NA	
	08/05/91		13.19	84.70	NA	
	08/13/91		14.05	83.84	NA	
	09/11/91		15.96	81.93	NA	
	10/16/91		16.00	81.89	NA	
	12/30/91		12.65	85.24	NA	
	02/25/92		14.40	83.49	NA	
	03/25/92		NA	NA	NA	
	06/16/92	14.42**	12.37	2.05	NA	
	RESNA	09/08/92		Not Monitored		
		11/05/92		Not Monitored		
12/14/92			Not Monitored			
01/18/93			Not Monitored			
02/11/93			Not Monitored			
03/09/93			Not Monitored			
04/14/93			Not Monitored			
05/11/93			Not Monitored			
06/17/93			Not Monitored			
07/26/93		Not Monitored				
08/10/93		Not Monitored				

Third Quarter 1993 Quarterly Report  
2225 Telegraph Avenue, Oakland, California

September 16, 1993  
62073.01

TABLE 1  
CUMULATIVE GROUNDWATER MONITORING DATA  
Texaco Service Station  
2225 Telegraph Avenue  
Oakland, California  
(Page 8 of 8)

<u>Well</u>	Date	Wellhead Elevation	Depth to Water	Groundwater Elevation*	Floating Product
Measurements in feet.					
*	:	Based on assigned benchmark with elevation arbitrarily set at 100 feet.			
**	:	Elevation relative to mean sea level (MSL).			
NA	:	Not Available			
HLA	:	Monitoring by Harding Lawson Associates			
RESNA	:	RESNA Industries Inc. began monitoring.			
RESNA assumes all wells are screened in the same hydrostratigraphic unit, as identified by the previous environmental consultant.					



Third Quarter 1993 Quarterly Report  
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TABLE 2  
CUMULATIVE RESULTS OF LABORATORY ANALYSES  
OF GROUNDWATER SAMPLES  
Texaco Service Station  
2225 Telegraph Avenue  
Oakland, California  
(Page 1 of 4)

Well	Date	TPHg	Benzene	Toluene	Ethyl- benzene	Total Xylenes	Total Oil and Grease
<u>MW-6A</u>							
HLA	06/24/88	NA	ND	ND	ND	ND	NA
	10/20/88	NA	1.0	ND	ND	ND	NA
	09/07/89	ND	2.0	ND	ND	ND	NA
	05/11/90	<500	150	6.2	<0.25	13	NA
	05/07/91	2,700	700	64	67	74	NA
	08/14/91	ND	3.6	<0.5	<0.5	<0.5	NA
	12/31/91			Well Damaged			
	03/25/92			Well Damaged			
	05/02/92			Well Destroyed			
<u>MW-6B</u>							
HLA	06/24/88	NA	ND	ND	ND	5.0	NA
	10/20/88	NA	4.0	ND	ND	ND	NA
	09/07/89	2,700	70	3.0	ND	160	NA
	04/30/90	168	45	8.0	60	22	NA
	05/07/91	3,300	240	6.0	20	660	NA
	08/14/91	980	9.1	42	310	150	NA
	12/31/91	1,200	46	<5.0	85	220	ND
	03/25/92	190	31	8.6	84	8.6	NA
	06/16/92	1,700	44	1.7	7.2	230	NA
RESNA	09/08/92	2,900	35	8.3	110	330	NA
	11/05/92	1,400	29	<0.5	75	190	NA
	02/11/93	210	1.2	<0.5	2.8	4.3	NA
	05/11/93	570	54	2.4	37	36	NA
	08/10/93	1,300	48	2.4	28	44	NA
<u>RW-3 (formerly MW-6C)</u>							
HLA	06/24/88	NA	7,400	7.0	170	2,300	NA
	10/20/88	NA	9,500	65	170	850	NA
	09/07/89	18,000	7,900	430	350	1,100	NA
	04/30/90	30,000	6,100	1,500	1,000	2,700	NA
	05/07/91	5,800	4,200	640	220	670	NA
	08/14/91	3,800	2,300	300	49	360	NA
	11/05/91			Well Destroyed			
<u>RW-2 (formerly MW-6D)</u>							
HLA	07/11/88	NA	220	27	<20	<10	NA
	10/20/88	NA	710	74	22	110	NA
	09/07/89	2,200	600	26	58	31	NA

See notes on page 4 of 4.

Third Quarter 1993 Quarterly Report  
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TABLE 2  
CUMULATIVE RESULTS OF LABORATORY ANALYSES  
OF GROUNDWATER SAMPLES  
Texaco Service Station  
2225 Telegraph Avenue  
Oakland, California  
(Page 2 of 4)

Well	Date	TPHg	Benzene	Toluene	Ethyl- benzene	Total Xylenes	Total Oil and Grease	
RW-2 (cont'd)	04/30/90	3,600	800	150	310	280	NA	
	05/07/91	11,000	3,200	480	150	780	NA	
	08/14/91	NA	NA	NA	NA	NA	NA	
	12/31/91	NA	NA	NA	NA	NA	NA	
	03/25/92	NA	NA	NA	NA	NA	NA	
	06/16/92	28,000	2,900	1,000	120	2,700	NA	
RESNA	09/08/92			Not Sampled				
	11/05/92			Not Sampled				
	05/11/93			Not Sampled				
	08/10/93			Not Sampled				
MW-6E HLA	10/20/88	NA	1.0	ND	ND	3.0	NA	
	09/07/89	220	3.0	ND	ND	ND	NA	
	04/30/90	250	57	<5.0	<5.0	53	NA	
	05/07/91	160	32	1.0	2.2	1.4	NA	
	08/14/91	ND	0.9	<0.5	<0.5	<0.5	NA	
	12/31/91	90	3.1	<0.5	<0.5	<0.5	ND	
	03/25/92	830	41	1.0	3.8	16	NA	
	06/16/92	3,400	300	23	68	510	NA	
	RESNA	09/08/92	480	27	<0.5	3.6	21	NA
		11/05/92			Not Sampled			
		02/11/93	270	15	<0.5	<0.5	8.7	NA
		05/11/93	<50	2.3	<0.5	1.4	3.2	NA
	08/10/93	1,700	130	2.7	23	140	NA	
	MW-6F HLA	10/25/88	ND	ND	ND	2.0	NA	NA
09/07/89		ND	ND	ND	ND	ND	NA	
04/30/90		ND	ND	ND	ND	ND	NA	
05/07/91		ND	ND	<0.5	<0.5	<0.5	NA	
08/14/91		ND	ND	<0.5	<0.5	<0.5	NA	
12/31/91		ND	ND	<0.5	<0.5	<0.5	ND	
03/25/92		ND	ND	<0.5	<0.5	<0.5	NA	
06/16/92		ND	ND	<0.5	<0.5	<0.5	NA	
RESNA		09/08/92	<50	<0.5	<0.5	<0.5	<0.5	NA
		11/05/92	<50	<0.5	<0.5	<0.5	<0.5	NA
		02/11/93	<50	<0.5	<0.5	<0.5	<0.5	NA
		05/11/93	<0.5	<0.5	<0.5	<0.5	<0.5	NA
		08/10/93			Not Sampled			

See notes on page 4 of 4.

Third Quarter 1993 Quarterly Report  
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62073.01

TABLE 2  
CUMULATIVE RESULTS OF LABORATORY ANALYSES  
OF GROUNDWATER SAMPLES  
Texaco Service Station  
2225 Telegraph Avenue  
Oakland, California  
(Page 3 of 4)

Well	Date	TPHg	Benzene	Toluene	Ethyl- benzene	Total Xylenes	Total Oil and Grease
<u>MW-6G</u>							
HLA	12/07/88	ND	ND	ND	ND	NA	NA
	09/07/89	ND	ND	ND	ND	ND	NA
	04/30/90	ND	ND	ND	ND	ND	NA
	05/07/91	ND	ND	<0.5	<0.5	<0.5	NA
	08/14/91	ND	ND	<0.5	<0.5	<0.5	NA
	12/31/91	ND	ND	<0.5	<0.5	<0.5	ND
	03/25/92	ND	ND	<0.5	<0.5	<0.5	NA
	06/16/92	ND	ND	<0.5	<0.5	<0.5	NA
RESNA	09/08/92	<50	<0.5	<0.5	<0.5	<0.5	NA
	11/05/92	<50	<0.5	<0.5	<0.5	<0.5	NA
	02/11/93	<50	<0.5	<0.5	<0.5	<0.5	NA
	05/11/93	<50	<0.5	<0.5	<0.5	<0.5	NA
	08/10/93	<50	<0.5	<0.5	<0.5	<0.5	NA
<u>MW-6H</u>							
HLA	12/07/88	NA	1,200	320	110	220	NA
	09/07/89	660	480	<10	16	<15	NA
	04/30/90	630	700	39	31	50	NA
	05/07/91	570	95	14	15	21	NA
	08/14/91	540	52	9.9	11	18	NA
	12/31/91	790	52	28	22	42	ND
	03/25/92	920	170	52	25	54	NA
	06/16/92	460	31	11	6.8	16	NA
RESNA	09/08/92	780	69	23	17	18	NA
	11/05/92	3,400	500	260	85	160	NA
	02/11/93	2,500	410	170	28	130	NA
	05/11/93	4,200	490	270	80	210	NA
	08/10/93	650	83	22	14	29	NA
<u>MW-6I</u>							
HLA	12/07/88	ND	ND	ND	ND	NA	NA
	09/07/89	ND	ND	ND	ND	ND	NA
	04/30/90	ND	ND	ND	ND	ND	NA
	05/07/91	ND	ND	<0.5	<0.5	<0.5	NA
	08/14/91	ND	ND	<0.5	<0.5	<0.5	NA
	12/31/91	ND	ND	<0.5	<0.5	<0.5	ND

See notes on page 4 of 4.

Third Quarter 1993 Quarterly Report  
2225 Telegraph Avenue, Oakland, California

September 16, 1993  
62073.01

TABLE 2  
CUMULATIVE RESULTS OF LABORATORY ANALYSES  
OF GROUNDWATER SAMPLES  
Texaco Service Station  
2225 Telegraph Avenue  
Oakland, California  
(Page 4 of 4)

Well	Date	TPHg	Benzene	Toluene	Ethyl- benzene	Total Xylenes	Total Oil and Grease
	03/25/92	ND	ND	<0.5	<0.5	<0.5	NA
<u>MW-6I con't</u>	06/16/92	ND	ND	<0.5	<0.5	<0.5	NA
RESNA	09/08/92	<50	<0.5	<0.5	<0.5	<0.5	NA
	11/05/92	<50	<0.5	<0.5	<0.5	<0.5	NA
	02/11/93	<50	<0.5	<0.5	<0.5	<0.5	NA
	05/11/93	<50	<0.5	<0.5	<0.5	<0.5	NA
	08/10/93	<50	<0.5	<0.5	<0.5	<0.5	NA
<u>RW-1</u>							
HLA	06/16/92	6,200	620	1,400	240	1,400	NA
RESNA	09/08/92			Not Sampled			
	11/05/92			Not Sampled			
	02/11/93			Not Sampled			
MCLs		—	1.0	—	680	1,750	—
DWAL		---	—	100	—	—	---

Results in parts per billion (ppb).

- TPHg : Total petroleum hydrocarbons analyzed as gasoline.
- < : Less than the detection limit for the specified method of analysis.
- MCLs : Adopted Maximum Contaminant Levels in Drinking Water, DHS (October 1990)
- DWAL : Recommended Drinking Water Action Levels, DHS (October 1990)
- NA : Not Analyzed
- ND : Not detectable at or above method detection limit.
- : Not Applicable
- HLA : Sampled by Harding Lawson Associates
- RESNA : RESNA Industries Inc. began sampling.

**APPENDIX A**

**GROUNDWATER SAMPLING PROTOCOL  
WELL PURGE DATA SHEETS**

### GROUNDWATER SAMPLING PROTOCOL

The static water level and floating product level, if present, in each well that contained water was measured with an ORS Interphase Probe Model No. 1068018 or Solonist Water Level Indicator; these instruments are accurate to the nearest 0.01 foot. These groundwater depths were subtracted from wellhead elevations, including corrections for product thickness, when necessary, for gradient evaluation by multiplying product thickness (PT) by a correction factor 0.8 and subtracting from the DTW (Adjusted DTW = DTW - [PT x 0.8]).

Water samples collected for subjective evaluation were collected by gently lowering approximately half the length of a new disposable or Teflon® bailer past the air-water interface (if possible) and collecting a sample from near the surface of the water in the well. The samples were checked for measurable floating hydrocarbon product. All Teflon® bailers are triple rinsed with Alconox® and triple rinsed with distilled water prior to use.

Before water samples were collected from the groundwater monitoring wells, the wells were purged until stabilization of the temperature, Ph, and conductivity was obtained. Approximately four well casing volumes were purged before those characteristics stabilized. The quantity of water purged from each well was calculated as follows:

1 well casing volume =  $\pi r^2 h (7.48)$  where:

- r = radius of the well casing in feet.
- h = column of water in the well in feet  
(depth to bottom - depth to water).
- 7.48 = conversion constant from cubic feet to  
gallons

Gallons of water purged/gallons in 1 well casing volume = well casing volumes removed.

After purging, each well was allowed to recharge to at least 80% of the initial water level. Water samples were collected with a new disposable or Teflon® bailer, and carefully poured into 40-milliliter (ml) glass vials, which were filled so as to produce a positive meniscus. Each vial was preserved with hydrochloric acid, sealed with a cap containing a Teflon® septum, and subsequently examined for air bubbles to avoid headspace which would allow volatilization to occur. The samples were transported in iced storage in a thermally insulated ice chest, accompanied by a Chain of Custody form, to a California-certified laboratory.

WELL PURGE DATA SHEET

Project Name: Texaco - Oakland

Job No. 62073.01

Date: August 10, 1993

Page 1 of 1

Well No. MW-6B

Time Started 1:45

TIME (hr)	GALLONS (cum.)	TEMP. (F)	pH	CONDUCT. (micromho)
1:45	Start purging MW-6B			
1:45	0.0	67.1	7.62	940
1:47	1.0	67.6	7.60	960
1:49	2.0	67.4	7.59	950
1:56	3.0	67.5	7.57	960
1:58	4.0	67.6	7.58	960
1:59	Stop purging MW-6B			
Notes:				
Well Diameter (inches) : 2"				
Depth to Bottom (feet) : 18.00				
Depth to Water - initial (feet) : 12.82				
Depth to Water - final (feet) : 12.82				
% recovery : 100.0%				
Time Sampled : 2:30				
Gallons per Well Casing Volume : 0.84				
Gallons Purged : 4.76				
Well Casing Volume Purged : 5.7				
Approximate Pumping Rate (gpm) : 0.5				

WELL PURGE DATA SHEET

Project Name: Texaco - Oakland

Job No. 62073.01

Date: August 10, 1993

Page 1 of 1

Well No. MW-6E

Time Started 10:00

TIME (hr)	GALLONS (cum.)	TEMP. (F)	pH	CONDUCT. (micromho)
10:00	Start purging MW-6E			
10:00	0	65.2	7.75	650
10:04	3.5	63.9	7.73	610
10:08	7.0	63.8	7.71	590
10:22	10.5	64.8	7.72	610
10:26	14.0	63.9	7.68	590
10:27	Stop purging MW-6E			
Notes:				
Well Diameter (inches) : 4"				
Depth to Bottom (feet) : 19.50				
Depth to Water - initial (feet) : 14.13				
Depth to Water - final (feet) : 14.13				
% recovery : 100.0%				
Time Sampled : 11:30				
Gallons per Well Casing Volume : 3.51				
Gallons Purged : 16.0				
Well Casing Volume Purged : 4.6				
Approximate Pumping Rate (gpm) : 1.0				



WELL PURGE DATA SHEET

Project Name: Texaco - Oakland

Job No. 62073.01

Date: August 10, 1993

Page 1 of 1

Well No. MW-6G

Time Started 9:00

TIME (hr)	GALLONS (cum.)	TEMP. (F)	pH	CONDUCT. (micromho)
9:00	Start purging MW-6G			
9:00	0	66.4	7.61	910
9:03	5.00	66.1	7.70	930
9:06	10.00	65.9	7.71	930
9:19	15.00	66.0	7.66	900
9:23	20.00	65.8	7.67	910
9:24	Stop purging MW-6G			
Notes:				
Well Diameter (inches) : 4"				
Depth to Bottom (feet) : 19.60				
Depth to Water - initial (feet) : 12.17				
Depth to Water - final (feet) : 12.17				
% recovery : 100%				
Time Sampled : 10:40				
Gallons per Well Casing Volume : 4.85				
Gallons Purged : 20.0				
Well Casing Volume Purged : 4.12				
Approximate Pumping Rate (gpm) : 1.5				

WELL PURGE DATA SHEET

Project Name: Texaco - Oakland

Job No. 62073.01

Date: August 10, 1993

Page 1 of 1

Well No. MW-6H

Time Started 11:15

TIME (hr)	GALLONS (cum.)	TEMP. (F)	pH	CONDUCT. (micromho)
11:45	Start purging MW-6H			
11:45	0	67.0	7.43	860
11:45	5	66.8	7.41	860
11:50	10	66.8	7.45	860
11:55	15	66.7	7.43	860
12:05	20	66.8	7.44	860
12:10	Stop purging MW-6H			

Notes:

Well Diameter (inches) : 4"  
 Depth to Bottom (feet) : 19.65  
 Depth to Water - initial (feet) : 12.30  
 Depth to Water - final (feet) : 12.30  
 % recovery : 100%  
 Time Sampled : 1:30  
 Gallons per Well Casing Volume : 4.79  
 Gallons Purged : 20  
 Well Casing Volume Purged : 4.17  
 Approximate Pumping Rate (gpm) : 1.0

WELL PURGE DATA SHEET

Project Name: Texaco - Oakland

Job No. 62073.01

Date: August 10, 1993

Page 1 of 1

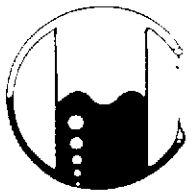
Well No. MW-6I

Time Started 11:00

TIME (hr)	GALLONS (cum.)	TEMP. (F)	pH	CONDUCT. (micromho)
11:00	Start purging MW-6I			
11:00	0	67.3	7.73	490
11:03	4.25	66.4	7.66	650
11:06	8.50	65.8	7.65	660
11:19	12.75	66.5	7.65	620
11:22	17.0	65.9	7.66	650
11:23	Stop purging MW-6I			
Notes:				
	Well Diameter (inches)	:	4"	
	Depth to Bottom (feet)	:	19.40	
	Depth to Water - initial (feet)	:	12.97	
	Depth to Water - final (feet)	:	12.97	
	% recovery	:	100.0%	
	Time Sampled	:	12:40	
	Gallons per Well Casing Volume	:	4.20	
	Gallons Purged	:	17.0	
	Well Casing Volume Purged	:	4.04	
	Approximate Pumping Rate (gpm)	:	1.0	

**APPENDIX B**

**LABORATORY ANALYSIS REPORTS AND  
CHAIN OF CUSTODY DOCUMENTATION**



# MOBILE CHEM LABS INC.

5011 Blum Road, Suite 1 • Martinez, CA 94553  
Phone (510) 372-3700 • Fax (510) 372-6955

62073.01\1342\012897

RESNA Industries  
3315 Alamen Expressway, #34  
San Jose, CA 95118  
Attn: Phillip Mayberry  
Project Manager

Date Sampled: 08-10-93  
Date Received: 08-11-93  
Date Analyzed: 08-19-93

Sample Number

083348

Sample Description

Project # 62073.01  
Texaco - Oakland  
2225 Telegraph  
Trip Blank WATER

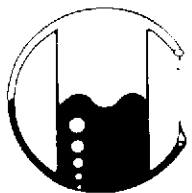
ANALYSIS

	<u>Detection Limit</u>	<u>Sample Results</u>
	ppb	ppb
Total Petroleum Hydrocarbons as Gasoline	50	<50
Benzene	0.5	<0.5
Toluene	0.5	<0.5
Xylenes	0.5	<0.5
Ethylbenzene	0.5	<0.5

Note: Analysis was performed using EPA methods 5030 and TPH  
LUFT with method 602 used for BTX distinction.  
(ppb) = (µg/L)

MOBILE CHEM LABS

Ronald G. Evans  
Lab Director



# MOBILE CHEM LABS INC.

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62073.01\1342\012897

RESNA Industries  
3315 Alamen Expressway, #34  
San Jose, CA 95118  
Attn: Phillip Mayberry  
Project Manager

Date Sampled: 08-10-93  
Date Received: 08-11-93  
Date Analyzed: 08-19-93

Sample Number

083349

Sample Description

Project # 62073.01  
Texaco - Oakland  
2225 Telegraph  
Rin Blk MW6G WATER

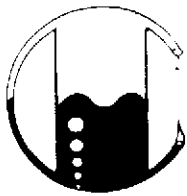
ANALYSIS

	<u>Detection Limit</u>	<u>Sample Results</u>
	ppb	ppb
Total Petroleum Hydrocarbons as Gasoline	50	<50
Benzene	0.5	<0.5
Toluene	0.5	<0.5
Xylenes	0.5	<0.5
Ethylbenzene	0.5	<0.5

Note: Analysis was performed using EPA methods 5030 and TPH  
LUFT with method 602 used for BTX distinction.  
(ppb) = (µg/L)

MOBILE CHEM LABS

Ronald G. Evans  
Lab Director



# MOBILE CHEM LABS INC.

5011 Blum Road, Suite 1 • Martinez, CA 94553  
Phone (510) 372-3700 • Fax (510) 372-6955

62073.01\1342\012897

RESNA Industries  
3315 Alamden Expressway, #34  
San Jose, CA 95118  
Attn: Phillip Mayberry  
Project Manager

Date Sampled: 08-10-93  
Date Received: 08-11-93  
Date Analyzed: 08-19-93

Sample Number

083350

Sample Description

Project # 62073.01  
Texaco - Oakland  
2225 Telegraph  
MW6G WATER

ANALYSIS

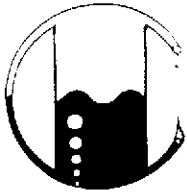
	<u>Detection Limit</u>	<u>Sample Results</u>
	ppb	ppb
Total Petroleum Hydrocarbons as Gasoline	50	<50
Benzene	0.5	<0.5
Toluene	0.5	<0.5
Xylenes	0.5	<0.5
Ethylbenzene	0.5	<0.5

QA/QC: Spike Recovery is 99%

Note: Analysis was performed using EPA methods 5030 and TPH  
LUFT with method 602 used for BTX distinction.  
(ppb) = (µg/L)

MOBILE CHEM LABS

Ronald G. Evans  
Lab Director



# MOBILE CHEM LABS INC.

5011 Blum Road, Suite 1 • Martinez, CA 94553  
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62073.01\1342\012897

RESNA Industries  
3315 Alampen Expressway, #34  
San Jose, CA 95118  
Attn: Phillip Mayberry  
Project Manager

Date Sampled: 08-10-93  
Date Received: 08-11-93  
Date Analyzed: 08-19-93

Sample Number  
-----  
083351

Sample Description  
-----  
Project # 62073.01  
Texaco - Oakland  
2225 Telegraph  
Rin Blk MW6I WATER

## ANALYSIS

-----

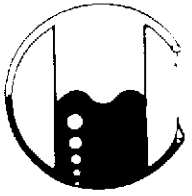
	Detection Limit ----- ppb	Sample Results ----- ppb
Total Petroleum Hydrocarbons as Gasoline	50	<50
Benzene	0.5	<0.5
Toluene	0.5	<0.5
Xylenes	0.5	<0.5
Ethylbenzene	0.5	<0.5

Note: Analysis was performed using EPA methods 5030 and TPH  
LUFT with method 602 used for BTX distinction.  
(ppb) = (µg/L)

MOBILE CHEM LABS

Ronald G. Evans  
Lab Director





# MOBILE CHEM LABS INC.

5011 Blum Road, Suite 1 • Martinez, CA 94553  
Phone (510) 372-3700 • Fax (510) 372-6955

62073.01\1342\012897

RESNA Industries  
3315 Alamen Expressway, #34  
San Jose, CA 95118  
Attn: Phillip Mayberry  
Project Manager

Date Sampled: 08-10-93  
Date Received: 08-11-93  
Date Analyzed: 08-19-93

Sample Number  
-----  
083352

Sample Description  
-----  
Project # 62073.01  
Texaco - Oakland  
2225 Telegraph  
MW6I WATER

## ANALYSIS

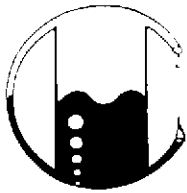
-----

	Detection Limit	Sample Results
	----- ppb	----- ppb
Total Petroleum Hydrocarbons as Gasoline	50	<50
Benzene	0.5	<0.5
Toluene	0.5	<0.5
Xylenes	0.5	<0.5
Ethylbenzene	0.5	<0.5

Note: Analysis was performed using EPA methods 5030 and TPH  
LUFT with method 602 used for BTX distinction.  
(ppb) = (µg/L)

MOBILE CHEM LABS

Ronald G. Evans  
Lab Director



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62073.01\1342\012897

RESNA Industries  
3315 Alamen Expressway, #34  
San Jose, CA 95118  
Attn: Phillip Mayberry  
Project Manager

Date Sampled: 08-10-93  
Date Received: 08-11-93  
Date Analyzed: 08-19-93

Sample Number

-----  
083353

Sample Description

-----  
Project # 62073.01  
Texaco - Oakland  
2225 Telegraph  
Rin Blk MW6E WATER

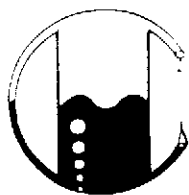
ANALYSIS

	Detection Limit	Sample Results
	----- ppb	----- ppb
Total Petroleum Hydrocarbons as Gasoline	50	<50
Benzene	0.5	<0.5
Toluene	0.5	<0.5
Xylenes	0.5	<0.5
Ethylbenzene	0.5	<0.5

Note: Analysis was performed using EPA methods 5030 and TPH  
LUFT with method 602 used for BTX distinction.  
(ppb) = (µg/L)

MOBILE CHEM LABS

Ronald G. Evans  
Lab Director



# MOBILE CHEM LABS INC.

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Phone (510) 372-3700 • Fax (510) 372-6955

62073.01\1342\012897

RESNA Industries  
3315 Alamden Expressway, #34  
San Jose, CA 95118  
Attn: Phillip Mayberry  
Project Manager

Date Sampled: 08-10-93  
Date Received: 08-11-93  
Date Analyzed: 08-19-93

Sample Number

083354

Sample Description

Project # 62073.01  
Texaco - Oakland  
2225 Telegraph  
MW6E WATER

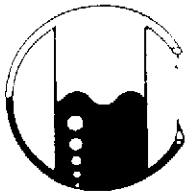
ANALYSIS

	<u>Detection Limit</u>	<u>Sample Results</u>
	ppb	ppb
Total Petroleum Hydrocarbons as Gasoline	50	1,700
Benzene	0.5	130
Toluene	0.5	2.7
Xylenes	0.5	140
Ethylbenzene	0.5	23

Note: Analysis was performed using EPA methods 5030 and TPH  
LUFT with method 602 used for BTX distinction.  
(ppb) = (µg/L)

MOBILE CHEM LABS

Ronald G. Evans  
Lab Director



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62073.01\1342\012897

RESNA Industries  
3315 Alamen Expressway, #34  
San Jose, CA 95118  
Attn: Phillip Mayberry  
Project Manager

Date Sampled: 08-10-93  
Date Received: 08-11-93  
Date Analyzed: 08-19-93

Sample Number  
-----  
083355

Sample Description  
-----  
Project # 62073.01  
Texaco - Oakland  
2225 Telegraph  
Rin Blk MW6H WATER

## ANALYSIS

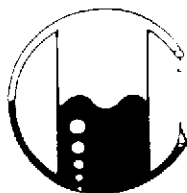
-----

	Detection Limit ----- ppb	Sample Results ----- ppb
Total Petroleum Hydrocarbons as Gasoline	50	<50
Benzene	0.5	<0.5
Toluene	0.5	<0.5
Xylenes	0.5	<0.5
Ethylbenzene	0.5	<0.5

Note: Analysis was performed using EPA methods 5030 and TPH  
LUFT with method 602 used for BTX distinction.  
(ppb) = (µg/L)

MOBILE CHEM LABS

Ronald G. Evans  
Lab Director



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5011 Blum Road, Suite 1 • Martinez, CA 94553  
Phone (510) 372-3700 • Fax (510) 372-6955

62073.01\1342\012897

RESNA Industries  
3315 Alamen Expressway, #34  
San Jose, CA 95118  
Attn: Phillip Mayberry  
Project Manager

Date Sampled: 08-10-93  
Date Received: 08-11-93  
Date Analyzed: 08-19-93

Sample Number  
-----

083356

Sample Description  
-----

Project # 62073.01  
Texaco - Oakland  
2225 Telegraph  
MW6H WATER

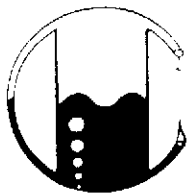
ANALYSIS  
-----

	Detection Limit ----- ppb	Sample Results ----- ppb
Total Petroleum Hydrocarbons as Gasoline	50	650
Benzene	0.5	83
Toluene	0.5	22
Xylenes	0.5	29
Ethylbenzene	0.5	14

Note: Analysis was performed using EPA methods 5030 and TPH  
LUFT with method 602 used for BTX distinction.  
(ppb) = (µg/L)

MOBILE CHEM LABS

Ronald G. Evans  
Lab Director



# MOBILE CHEM LABS INC.

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Phone (510) 372-3700 • Fax (510) 372-6955

62073.01\1342\012897

RESNA Industries  
3315 Alamen Expressway, #34  
San Jose, CA 95118  
Attn: Phillip Mayberry  
Project Manager

Date Sampled: 08-10-93  
Date Received: 08-11-93  
Date Analyzed: 08-19-93

Sample Number  
-----

083357

Sample Description  
-----

Project # 62073.01  
Texaco - Oakland  
2225 Telegraph  
Rin Blk MW6B WATER

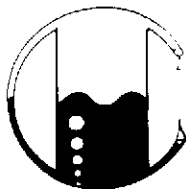
ANALYSIS  
-----

	Detection Limit ----- ppb	Sample Results ----- ppb
Total Petroleum Hydrocarbons as Gasoline	50	<50
Benzene	0.5	<0.5
Toluene	0.5	<0.5
Xylenes	0.5	<0.5
Ethylbenzene	0.5	<0.5

Note: Analysis was performed using EPA methods 5030 and TPH  
LUFT with method 602 used for BTX distinction.  
(ppb) = (µg/L)

MOBILE CHEM LABS

Ronald G. Evans  
Lab Director



# MOBILE CHEM LABS INC.

5011 Blum Road, Suite 1 • Martinez, CA 94553  
Phone (510) 372-3700 • Fax (510) 372-6955

62073.01\1342\012897

RESNA Industries  
3315 Alamden Expressway, #34  
San Jose, CA 95118  
Attn: Phillip Mayberry  
Project Manager

Date Sampled: 08-10-93  
Date Received: 08-11-93  
Date Analyzed: 08-19-93

Sample Number

083358

Sample Description

Project # 62073.01  
Texaco - Oakland  
2225 Telegraph  
MW6B WATER

ANALYSIS

	<u>Detection Limit</u>	<u>Sample Results</u>
	ppb	ppb
Total Petroleum Hydrocarbons as Gasoline	50	1,300
Benzene	0.5	48
Toluene	0.5	2.4
Xylenes	0.5	44
Ethylbenzene	0.5	28

Note: Analysis was performed using EPA methods 5030 and TPH  
LUFT with method 602 used for BTX distinction.  
(ppb) = (µg/L)

MOBILE CHEM LABS

Ronald G. Evans  
Lab Director

PROJECT NO		PROJECT NAME/SITE						ANALYSIS REQUESTED										P.O. #	
6207301		Texaco 2925 Telegraph, Oakland						<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">NO. CONTAINERS</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">SAMPLE TYPE</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX (602/8020)</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH9 (8015)</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPHC (8015)</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TOG 4TB 1/5520</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">601/8010</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">624/8240</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">625/8270</div> </div>											
SAMPLERS (SIGN)		(PRINT)																	
Robin A. Adams		Robin A. Adams																	
SAMPLE IDENTIFICATION		DATE	TIME	COMP	GRAB	PRES USED	ICED											REMARKS	
Tap Blank		8-10-93	10:35			HCL	Y	2	X X										
Rin. BIK- MW 6 G			10:40					2	X X										
MW 6 G			10:40					2	X X										
Rin. BIK- MW 6 I			12:40					2	X X										
MW- 6 I			12:40					2	X X										
Rin. BIK- MW 6 E			11:30					2	X X										
MW 6 E			11:30					2	X X										
Rin. BIK- MW 6 H			1:30					2	X X										
MW 6 H			1:30					2	X X										
Rin. BIK- MW 6 B			2:30					2	X X										
MW 6 B			2:30					2	X X										

RELINQUISHED BY: Robin A. Adams	DATE 8-11-93	TIME 7:30	RECEIVED BY:	LABORATORY: Mobile Chem Labs	PLEASE SEND RESULTS TO: Phil Mayberry Resna, San Jose
RELINQUISHED BY	DATE	TIME	RECEIVED BY		
RELINQUISHED BY	DATE	TIME	RECEIVED BY	REQUESTED TURNAROUND TIME NORMAL	
RELINQUISHED BY	DATE 8-11-93	TIME 11:30	RECEIVED BY LABORATORY DAVE REVIRE	RECEIPT CONDITION OFFICE WORKED SPACE	PROJECT MANAGER



**APPENDIX C**

**NON-HAZARDOUS WASTE DATA FORM**

# Gibson Environmental

011

## Non-Hazardous Waste Data Form

TO BE COMPLETED BY THE GENERATOR

Name Texas EPA ID No.  Phone \_\_\_\_\_

Mailing Address 108 Cutting Blvd Richmond

Generating Site 62090-01 Springfield, Lucerne (110) 62073-01 Telegraph (85) 62087-01, 62087-01, 62087-01, 62087-01, Richmond (150)

Waste:  Liquid 62072-01 Oxford Berkeley (65)  Soil Richmond (150)

Estimated Volume 400 BBL/S/GALS \_\_\_\_\_ TONS/YDS \_\_\_\_\_

Waste Description: \_\_\_\_\_

Components of the Waste	PPM	%	Components of the Waste	PPM	%
<u>Groundwater</u>	_____	_____	<u>Possible HCS</u>	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

Special Handling Instructions  Gloves  Goggles  Other \_\_\_\_\_

Generator certifies that the waste as described is 100% non-hazardous.

Robin A. Adams \_\_\_\_\_ 8-18-93 \_\_\_\_\_

Signature of Authorized Agent Date

TRANSPORTER

Name Resra EPA ID No.

Address 42501 Albrae St Phone 1-800-926-0813

Fremont, Ca. 94538 Truck Unit ID 219

Pick Up Date \_\_\_\_\_

Order No. \_\_\_\_\_

Robin A. Adams \_\_\_\_\_ 8-18-93 \_\_\_\_\_

Signature Date

GIBSON FACILITY

Facility

CAD980883177 Gibson Environmental  
End of Commercial Dr.  
Bakersfield, CA 93308  
(805) 327-0413

CAD981458466 Gibson Environmental  
401 Canal Avenue  
Wilmington, CA 90748  
(310) 549-9117

CAD043260702 Gibson Environmental  
475 Seaport Blvd  
Redwood City, CA 94063  
(415) 368-5511

Disposal Method: Recycle Release # 10629 Actual Tons/Gals 400

Robin A. Adams \_\_\_\_\_ 8-18-93 \_\_\_\_\_

Signature Date

A Subsidiary of V.L.S., Inc.

3300 Truxtun Avenue, Suite 200 • Bakersfield, CA 93301 • 805/327-0413 • 800/582-3935 • Fax 805/861-0229

White-Gibson Copy • Pink-Gibson Returns to Generator • Green-Transporter • Blue-Generator Retains Copy

**Gibson Environmental**

475 SEAPORT BOULEVARD  
 REDWOOD CITY, CA 94063  
 (415) 368-5511

ORIGIN: **TEXACO**

DESTINATION: GIBSON ENVIRONMENTAL  
 475 SEAPORT BOULEVARD  
 REDWOOD CITY, CA 94063

WEIGHT TAG NUMBER

DATE **8.18.93**

MANIFEST# **011**

INVOICE TO:

PRICE:

CARRIER #	CARRRIER	RELEASE#	COMMODITY	TDS	PH	GRAV.	NET GALLONS /BBLs
<b>249</b>	<b>DEWA</b>	<b>10024</b>	<b>WW</b>	<b>—</b>	<b>7</b>	<b>10</b>	

ARRIVED TO UNLOAD	START TO UNLOAD	FINISH UNLOADING	SOLIDS %
<b>1551</b> AM PM	<b>1602</b> AM PM	<b>1015</b> AM PM	<b>1</b>

LOADED FROM	UNLOADED TO	WASHOUT GALLONS
<b>507 HL TANK</b>	<b>30178</b>	

LOADER'S SIGNATURE	DRIVER'S SIGNATURE	DEDUCT B S & W %	NET BARRELS
<i>[Signature]</i>	<i>[Signature]</i>	<b>19</b>	

REMARKS	RECEIPT TICKET
	<b>R 3851</b>