



PACIFIC ENVIRONMENTAL GROUP, INC.

FACSIMILE TRANSMITTAL

DATE: February 20, 1997 PROJECT #: 340-414.9A

TO: Ms. Susan Hugo FAX: 510-337-9335

ACHCS

FROM: Michelle Gracia

IF YOU HAVE ANY PROBLEMS RECEIVING THIS FACSIMILE, PLEASE CALL (408) 441-7500

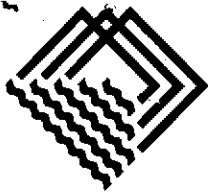
SHEETS TO FOLLOW COVER PAGE

5

COMMENTS:

Dear Ms. Hugo: Here is the analytical data I had discussed with you. We would like to proceed with closure at this site and would like to know what you would require for closure, specifically whether a risk assessment is necessary. Please call me if you have any questions or comments.

Thank you for your help in this matter.



PACIFIC
ENVIRONMENTAL
GROUP, INC.

June 24, 1997
Project 340-414.9A

Ms. Susan Hugo
Alameda County
Environmental Health Department
1131 Harbor Bay Parkway
Alameda, California 94502-6577

Re: Groundwater Sampling and Monitoring Plan
Former Texaco Service Station
500 Grand Avenue
Oakland, California

Dear Ms. Hugo:

On behalf of Texaco Refining and Marketing Inc. (Texaco), Pacific Environmental Group, Inc. (PACIFIC) prepared this letter to propose modifications to the groundwater monitoring and sampling program at the site referenced above. The proposed program, described below, would begin with the third quarter 1997 event.

- All wells listed below will be monitored for groundwater elevation on a quarterly basis.
- Wells MW-8F and MW-8G will be monitored and sampled on a quarterly basis for total petroleum hydrocarbons calculated as gasoline (TPH-g), total petroleum hydrocarbons calculated as diesel (TPH-d), benzene, toluene, ethylbenzene, total xylenes (BTEX compounds), and methyl tert-butyl ether (MtBE).
- Wells MW-8H, MW-8I, MW-8J, and MW-8K will be monitored and sampled on an annual basis for TPH-g, TPH-d, BTEX compounds, and MtBE.

Justification for the adjustment to the program is described below.

- Wells MW-8H, MW-8I, MW-8J, MW-8K have generally tested non-detect for petroleum hydrocarbons since 1993.

June 24, 1997

Page 2

- Continuing quarterly monitoring and sampling of Wells MW-8F and MW-8G will allow these wells to act as sentinels, thus indicating if the petroleum hydrocarbon plume is migrating downgradient.
- Well MW-8L will no longer be monitored or sampled due to an obstruction within the well which Texaco has been unable to remove during past attempts. This well will be properly abandoned when site closure is granted.

If you have any questions regarding this letter, please call Ms. Deborah Pryor, Texaco Project Manager, at 818-505-3113.

Sincerely,

Pacific Environmental Group, Inc.

Michelle Gracia

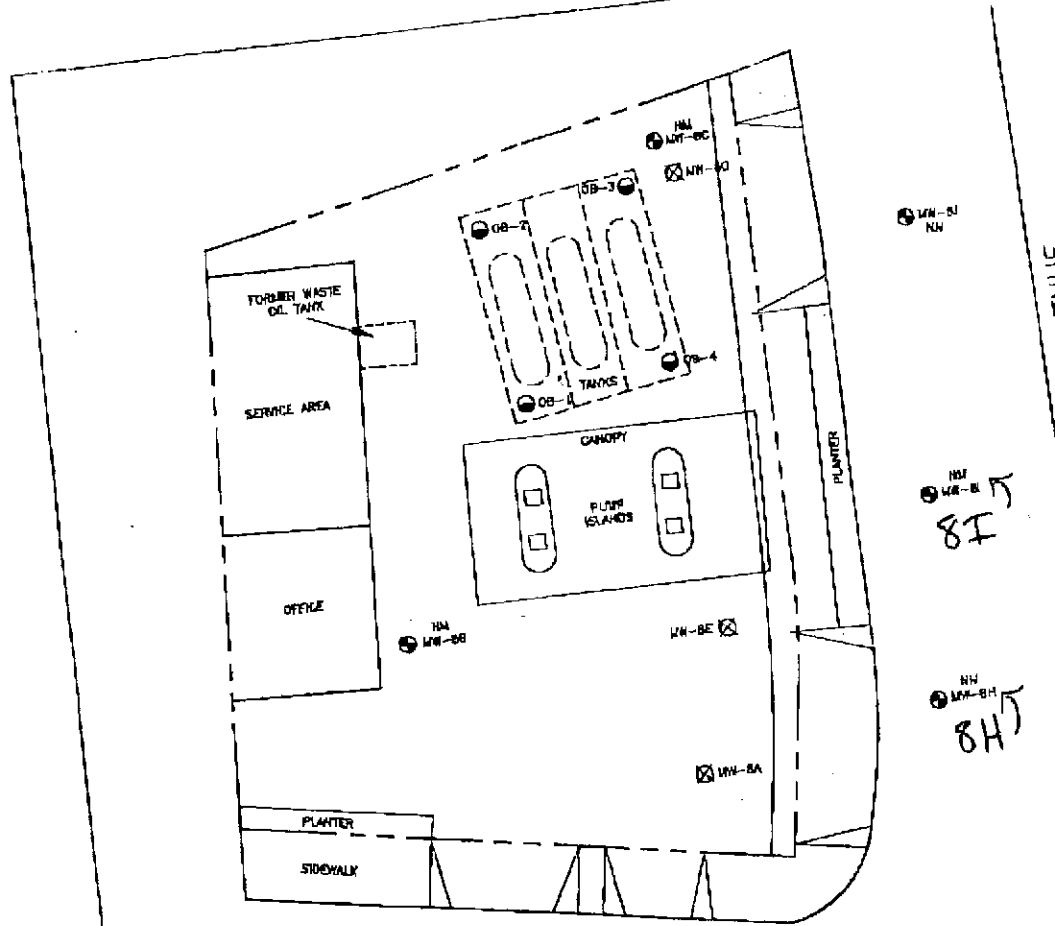
Michelle Gracia
Senior Staff Scientist

Keith Winemiller

Keith Winemiller
Project Engineer

cc: Ms. Deborah Pryor, Texaco Refining and Marketing Inc. (2 copies)

8/94 16 ppb



GRAND AVENUE

EUCLID AVENUE

- EXPLANATION**
- MW-81 ⊕ = Monitoring well (1982, 1985, 1990)
 - OB-1 ⊕ = Observation well (1980)
 - MW-80 ⊗ = Abandoned well
 - BE.11 = Elevation of groundwater in feet above mean sea level (September 28, 1992)
 - NA = Not mentioned



Source: Modified from site plan provided by Harding Lensen Associates, dated May 11, 1992.

GROUNDWATER ELEVATION MAP
Former Texas Station
500 Grand Avenue
Oakland, California

PLATE

2

RESNA
Working to Restore Nature

PROJECT

02078.01

This is an old gw elevation map.

#955 P.03/06

12:29

1997.02-20

BC Analytical

ANALYTICAL REPORT

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

LOG NO: G96-00-749
Received: 30 AUG 96
Mailed : 13 SEP 96

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

Purchase Order: 94-1446346-4370

Requisition: 624880235
Project: FKEP1010L

REPORT OF ANALYTICAL RESULTS

Page 1

AQUEOUS

SAMPLE DESCRIPTION	DATE SAMPLED	TPH (CADHS/41B.1) mg/L	TPH (CADHS/3610) mg/L	Date Extracted	Date Analyzed	Dilution Factor	TPH-d mg/L	Carbon Range	TPH/BTEX (CADHS/B020)		
									Date Analyzed	Dilution Factor	TPH-g ug/L
RDL		5000					0.05		1	50	
1*MH-BF	08/28/96	<5	09/04/96	09/10/96	L		<0.05	C10-C25	09/06/96	1	<50
2*MH-BG	08/28/96	<5	09/04/96	09/10/96	L		<0.05	C10-C25	09/06/96	1	<50
3*MH-BH	08/28/96	7.7	09/04/96	09/10/96	L		<0.05	C10-C25	09/06/96	1	<50
4*MH-BI	08/28/96	<5	09/04/96	09/10/96	L		0.38	C10-C25	09/05/96	1	1100
5*MH-BJ	08/28/96	<5	09/04/96	09/10/96	L		<0.05	C10-C25	09/05/96	1	<50
6*MH-BK	08/28/96	<5	09/04/96	09/10/96	L		<0.05	C10-C25	09/05/96	1	<50

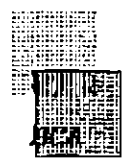
Deborah Pryor
500 Grand Ave, Oakland
Alameda County

The diesel range organics quantitated in sample MH-BI did not display a typical diesel pattern.
A.Parekh 09/13/96

NOV-05-1996 11:52

P.02

FROM :



#955 P.04/06
12:29
1997,02-20

B C Analytical

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

ANALYTICAL REPORT

LOG NO: G96-08-749

Received: 30 AUG 96
Mailed : 13 SEP 96

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

Purchase Order: 94-1446346+4370

Requisition: G24880235
Project: FKFP1014L

REPORT OF ANALYTICAL RESULTS

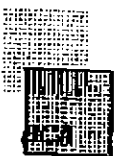
Page 2

AQUEOUS

SAMPLE DESCRIPTION	DATE SAMPLED	TPH/BTEX (CADDHS/8020)					Carbon Range
		Benzene ug/L	Toluene ug/L	Ethyl-Benzene ug/L	Total Xylenes Isomers ug/L		
ROE		0.5	0.5	0.5	0.5		
1*MM-BF	08/28/96	<0.5	<0.5	<0.5	<0.5	C6-C12	
2*MM-BG	08/28/96	<0.5	<0.5	<0.5	<0.5	C6-C12	
3*MM-BH	08/28/96	<0.5	<0.5	<0.5	<0.5	C6-C12	
4*MM-BI	08/28/96	300	2.9	3.2	2.1	C6-C12	
5*MM-BJ	08/28/96	<0.5	<0.5	<0.5	<0.5	C6-C12	
6*MM-BK	08/28/96	<0.5	<0.5	<0.5	<0.5	C6-C12	

NOV-05-1996 11:53

FROM :



P.03

B C Analytical

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

ANALYTICAL REPORT

LOG NO: 696-08-749

Received: 30 AUG 96
 Mailed : 13 SEP 96

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

Purchase Order: 94-1446346+4370

Requisition: 624080235
 Project: FKEP1014L

REPORT OF ANALYTICAL RESULTS

Page 3

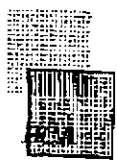
AQUEOUS

SAMPLE DESCRIPTION	DATE SAMPLED	TPH (CADHS/418.L)	TPH (CADHS/3510)		Dilution Factor Times	TPH-d mg/L	Carbon Range	TPH/OTEX (CADHS/8020)		TPH-g ug/L
			Date Extracted Date	Date Analyzed Date				Date Analyzed Date	Dilution Factor Times	
ROL		5000				0.05			1	50
7*EB	08/28/96	<5	09/04/96	09/08/96	1	<0.05	C10-C26	09/05/96	1	<50

1997.02-20 12:29 #955 P.05/06

NDU-05-1996 11:53

FROM :



P.04

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

LOG NO: C96-08-749

Received: 30 AUG 96
Mailed : 13 SEP 96

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

Purchase Order: 94-1446346+4370

Requisition: 624800235
Project: FKRP1011L

REPORT OF ANALYTICAL RESULTS

Page 4

AQUEOUS

SAMPLE DESCRIPTION	DATE SAMPLED	TPH/BTEX (CADHS/8020)					Carbon Range
		Benzene ug/L	Toluene ug/L	Ethyl-Benzene ug/L	Total Xylenes Isomers ug/L		
ROL		0.5	0.5	0.5	0.5		
7*EB	08/20/96	<0.5	<0.5	<0.5	<0.5	C6-C12	

Greta Galoustian, Laboratory Director

The analytical results within this report relate only to the specific compounds and samples investigated and may not necessarily reflect other apparently similar material from the same or a similar location.

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#955 P.06/06
12:30
1997.02-20

NOV-05-1996 11:53

FROM :



P.05