



Texaco Refining
and Marketing Inc

108 Cutting Blvd
Richmond CA 94804

November 11, 1994

JMS ST 3566

ALCO
HAZMAT

94 NOV 23 PM 2:59

ENV - STUDIES, SURVEYS & REPORTS
Former Texaco Service Station
1127 Lincoln Avenue, Alameda, CA
EBMUD Account No. 502-74621

Mr. Safa Toma
East Bay Municipal Utility District
Source Control Division, M.S. 702
P.O. Box 24055, 375 11th Street,
Mail slot #702
Oakland, California 94623

Dear Mr. Toma:

Enclosed is the Self-Monitoring Report Summary, dated November 30, 1994, for the subject site.

Regarding the above-referenced report,

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering information, the information is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Any questions regarding this report may be directed to me at (510) 236-9139.

Best Regards,

Karen E. Petryna
Project Coordinator
Texaco Environmental Services

KEP:eg
P:\EG\KEPCVRS\1127POTW.CVR

Enclosure

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

PAOFile-UCPFile (w/enclosure)
RRZielinski (w/o enclosure)

PR RD

**EBMUD PERMIT ACCOUNT NO. 502-74621
 SELF MONITORING REPORT SUMMARY
 DATE SAMPLED: OCTOBER 5, 1994**

Reporting Period: 07/31/94 to 10/31/94
 Permittee: Texaco Environmental Services
 Site Name: Former Texaco Service Station
 Site Address: 1127 Lincoln Ave., Alameda, CA

Due Date: 11/30/94
 EBMUD Permit: #502-74621

Company Contact: Karen Petryna
 Mailing Address: 108 Cutting Boulevard
Richmond, CA 94804
 Phone Number: (510) 236-9139

Consultant: Groundwater Technology, Inc.
 Address: 1401 Halyard Drive, Suite 140
West Sacramento, CA 95691
 Contact: Brian Garber
 Phone Number: (916) 372-4700

Any violation of waste discharge requirement during this period? Yes _____ No X
 If yes, include attachment describing violation and corrective actions taken.
 * System was off for maintenance from 9/18/94 to 10/5/94.

GROUNDWATER DISCHARGE DATA

Sample Location	Flow Rate (gpm)	Totalizer Readings (gallons)	Cumulative Volume (gallons)
Effluent	09/28/94	0	10451345
	10/05/94	7.2	10451370
MW-5	09/28/94	--	213392
	10/05/94	4.38	213402
W-1	09/28/94	--	121902
	10/05/94	4.33	121911
W-2	09/28/94	--	243
	10/05/94	N/A	243
AUX	09/28/94	--	108134
	10/05/94	N/A	108144

Flow Rate for this reporting period: 7.2 gpm

Total Volume Discharged Groundwater for this reporting period:
25 gallons

QUARTERLY REPORTING

Sample Location	TPH-G (ppb)	Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	Xylenes (ppb)
Influent	1,500	320	120	5.8	150
Effluent	ND	0.70	ND	ND	ND
Carbon Influent	79	12	4.7	2.2	7.2
BT-1	ND	2.6	1.1	ND	1.6

Explanation:
 TPG-G = Total petroleum hydrocarbons - as - gasoline
 -- = Not Analyzed
 gpm = Gallons per minute
 pgd = Gallons per day
 NM = Not measured
 ppb = Parts per billion
 N/A = Not applicable
 umhos/cm = Micromhos per centimeter
 g/day = Grams per day
 ND = Not detected

Note: Certified analytical laboratory reports enclosed

Company Groundwater Technology, Inc
 Signature: Brian H. Garber
 Brian H. Garber
 Project Manager

Date 11/7/94

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

LOG NO: G94-10-072

Received: 06 OCT 94

Mailed: OCT 19 1994

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

Purchase Order: 94-1446346+4370

Requisition: 624881450
 Project: FKEP1001L

REPORT OF ANALYTICAL RESULTS

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AQUEOUS

SAMPLE DESCRIPTION	DATE SAMPLED	TPH/BTEX (CADHS/8020)	ANALYTICAL DATA						
			Date Analyzed Date	Dilution Factor Times 1	TPH-g ug/L	Benzene ug/L	Toluene ug/L	Ethyl-Benzene ug/L	Total Xylenes Isomers ug/L
ROU				1	50	0.5	0.5	0.5	0.5
1* JHI	10/05/94	10/13/94		1	1500	320	120	5.8	150
2*A- JHI	10/05/94	10/13/94		1	79	12	4.7	2.2	7.2
3*B- B1-1	10/05/94	10/13/94		1	<50	2.6	1.1	<0.5	1.6
4*C- JHI	10/05/94	10/13/94		1	<50	0.70	<0.5	<0.5	<0.5

Karen Petryna
 1127 Lincoln Avenue, Alameda
 Alameda County

Mark A. Valentini, PhD.
 Mark A. Valentini, PhD, Laboratory Director



AMPLES...	SAMPLE DESCRIPTION..	DETERM.....	DATE..... ANALYZED	METHOD.....	EQUIP.	BATCH..	ID.NO
410072*1	INF	GAS.BTX.TESNC	10.13.94	8015M.TX	516-20	948013	7935
410072*2	A-INF	GAS.BTX.TESNC	10.13.94	8015M.TX	516-20	948013	7935
410072*3	B-BT-1	GAS.BTX.TESNC	10.13.94	8015M.TX	516-20	948013	7935
410072*4	C-EFF	GAS.BTX.TESNC	10.13.94	8015M.TX	516-20	948013	7935

**

Notes: Equipment = BC Analytical identification number for a particular piece of analytical equipment.
 ID.NO = BC Analytical employee identification number of analyst.

BC ANALYTICAL

ORDER QC REPORT FOR G9410072

Page 1

DATE REPORTED : 10/18/94

LABORATORY CONTROL STANDARDS
FOR BATCHES WHICH INCLUDE THIS ORDER

PARAMETER	DATE ANALYZED	BATCH NUMBER	LC RESULT	LT RESULT	UNIT	PERCENT RECOVERY
TPH-gas/BTEX (CADHS/80 C4101149*1)						
Date Analyzed	10.14.94	948013	10/13/94	10/13/94	Date	N/A
Benzene	10.14.94	948013	23.2	19.6	ug/L	118
Toluene	10.14.94	948013	60.8	57.0	ug/L	107
Ethylbenzene	10.14.94	948013	16.6	13.9	ug/L	119 Q
Total Xylene Isomers	10.14.94	948013	80.2	67.3	ug/L	119
TPH (as Gasoline)	10.14.94	948013	1180	1000	ug/L	118

BC ANALYTICAL

ORDER QC REPORT FOR G9410072

Page 1

DATE REPORTED : 10/18/94

MATRIX QC PRECISION (DUPLICATE SPIKES)
 BATCH QC REPORT

PARAMETER	SAMPLE NUMBER	DATE ANALYZED	BATCH NUMBER	MS RESULT	MSD RESULT	UNIT	RELATIVE % DIFF
TPH-gas/BTEX (CADHS/80 9410100*4)							
Date Analyzed		10.14.94	948013	10/13/94	10/13/94	Date	N/A
Benzene		10.14.94	948013	22.2	23.3	ug/L	5
Toluene		10.14.94	948013	59.3	62.7	ug/L	6
Ethylbenzene		10.14.94	948013	16.4	17.6	ug/L	7
Total Xylene Isomers		10.14.94	948013	77.9	81.9	ug/L	5
TPH (as Gasoline)		10.14.94	948013	1100	1130	ug/L	3

BC ANALYTICAL

ORDER QC REPORT FOR G9410072

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DATE REPORTED : 10/18/94

MATRIX QC ACCURACY (SPIKES)
BATCH QC REPORT

PARAMETER	SAMPLE NUMBER	DATE ANALYZED	BATCH NUMBER	MS %	MSD %	TRUE RESULT	UNIT
. TPH-gas/BTEX (CADHS/80 9410100*4							
Benzene		10.14.94	948013	113	119	19.6	ug/L
Toluene		10.14.94	948013	104	110	57.0	ug/L
Ethylbenzene		10.14.94	948013	118	127 Q	13.9	ug/L Q
Total Xylene Isomers		10.14.94	948013	116	122	67.3	ug/L
TPH (as Gasoline)		10.14.94	948013	110	113	1000	ug/L

BC ANALYTICAL

ORDER QC REPORT FOR G9410072

DATE REPORTED : 10/18/94

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

PARAMETER	DATE ANALYZED	BATCH NUMBER	BLANK RESULT	RDL	UNIT	METHOD
TPH-gas/BTEX (CADHS/80 B410865*1)						
Date Analyzed	10.13.94	948013	10/13/94	NA	Date	8015M.TX
Benzene	10.13.94	948013	0.10	0.5	ug/L	8015M.TX
Toluene	10.13.94	948013	0.32	0.5	ug/L	8015M.TX
Ethylbenzene	10.13.94	948013	0	0.5	ug/L	8015M.TX
Total Xylene Isomers	10.13.94	948013	0.21	0.5	ug/L	8015M.TX
TPH (as Gasoline)	10.13.94	948013	17	50	ug/L	8015M.TX

ETHOD	ANALYTE	BATCH	ANALYZED	REPORTED	TRUE	%REC	FLAG
410072*1							
015M.TXa	,a,a-Trifluorotoluene	948013	10/13/94	54.3	50.0	109	
410072*2							
015M.TXa	,a,a-Trifluorotoluene	948013	10/13/94	50.9	50.0	102	
410072*3							
015M.TXa	,a,a-Trifluorotoluene	948013	10/13/94	52.0	50.0	104	
410072*4							
015M.TXa	,a,a-Trifluorotoluene	948013	10/13/94	52.4	50.0	105	

METHOD	ANALYTE	BATCH	ANALYZED	REPORTED	TRUE	%REC	FLAG
110100*4*R1							
015M.TXa	a,a,a-Trifluorotoluene	948013	10/14/94	53.8	50.0	108	
110100*4*S1							
015M.TXa	a,a,a-Trifluorotoluene	948013	10/14/94	57.8	50.0	116	
110100*4*S2							
015M.TXa	a,a,a-Trifluorotoluene	948013	10/13/94	58.0	50.0	116	
110100*4*T							
015M.TXa	a,a,a-Trifluorotoluene	948013	10/13/94	50.0	50.0	100	
110865*1*MB							
015M.TXa	a,a,a-Trifluorotoluene	948013	10/13/94	52.5	50.0	105	
1101149*1*LC							
015M.TXa	a,a,a-Trifluorotoluene	948013	10/14/94	57.8	50.0	116	
1101149*1*LT							
015M.TXa	a,a,a-Trifluorotoluene	948013	10/13/94	50.0	50.0	100	

CHAIN OF CUSTODY RECORD

1127 Lincoln, Alameda

BCA Log Number CE14-10-01

Client name Ground Water Technology Inc.		Project or PO# 070700006.051005		Analytes required BTEX, TPH, etc Gas Hazardous sample Special handling required P3 of 1 Remarks							
Address 1401 Halcyon St 140		Phone # (916) 372-4700									
City, State, Zip West Sacramento, CA		Report attention Brian Garber									
Lab Sample number	Date sampled	Time sampled	Type See key below	Sampled by Mark Czypka	Number of containers					Remarks	
	10/5/94	12:20	GW	INF	2	X					
		12:22		A-INF	2	X					
		12:24		B-BT-1	2	X					
		12:27		C-EFF	2	X					

Signature	Print Name	Company	Date	Time
	Mark M Czypka	Ground Water Technology, Inc	10/5/94	18:15
	Chris McCormack	GTI	10/5/94	18:15
	Chris McCormack	Groundwater Technology	10/6/94	8:17
	Jan Winter	BCA	10/6/94	2:17
Relinquished by				
Received by Laboratory				

BC ANALYTICAL

11085 Shary Circle, Concord, CA 94518 (510) 825-3894
 11801 Western Avenue, Glendale, CA 91201 (818) 247-5737
 11200 Gene Autry Way, Anaheim, CA 92805 (714) 978-0113

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

*KEY: AG—Aqueous NA—Nonaqueous SL—Sludge
 GW—Groundwater SO—Soil PE—Petroleum

Disposal arrangements: _____