

876  
11/15

# USA GASOLINE

**USA Gasoline Corporation**  
30101 Agoura Court, Suite 200  
Agoura Hills, CA 91301-4311  
Office: (818) 865-9200  
Fax: (818) 865-0092

## FAX Transmittal

DATE: 8/31/94  
FROM: SEIKANTH DASAPPA  
TO: Ms. EVA CHU  
COMPANY: Alameda County Health  
FAX NO.: (510) 337-9335

TOTAL NUMBER OF PAGES (INCLUDING TRANSMITTAL PAGE): 11

**NOTE:** IF YOU HAVE ANY DIFFICULTY IN RECEIVING THE TOTAL NUMBER OF PAGES INDICATED ABOVE, PLEASE CALL me AT (818) 865-9200, EXT. 219

**COMMENTS:**

*Preliminary Results of soil samples  
collected from Tank Excavation Area.  
Please Review this info. I will call you  
later today. I appreciate your cooperation*

*Thanks*

STATION #57  
 10700 M. CARTHUR BLVD.,  
 OAKLAND, CA  
 SOIL SAMPLING, TANK CAVITY,  
 DISPENSER ISLANDS & STOCK-  
 PILED SOIL

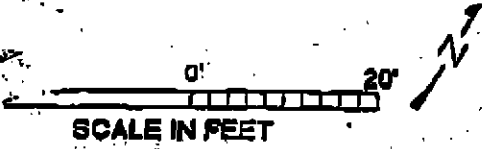
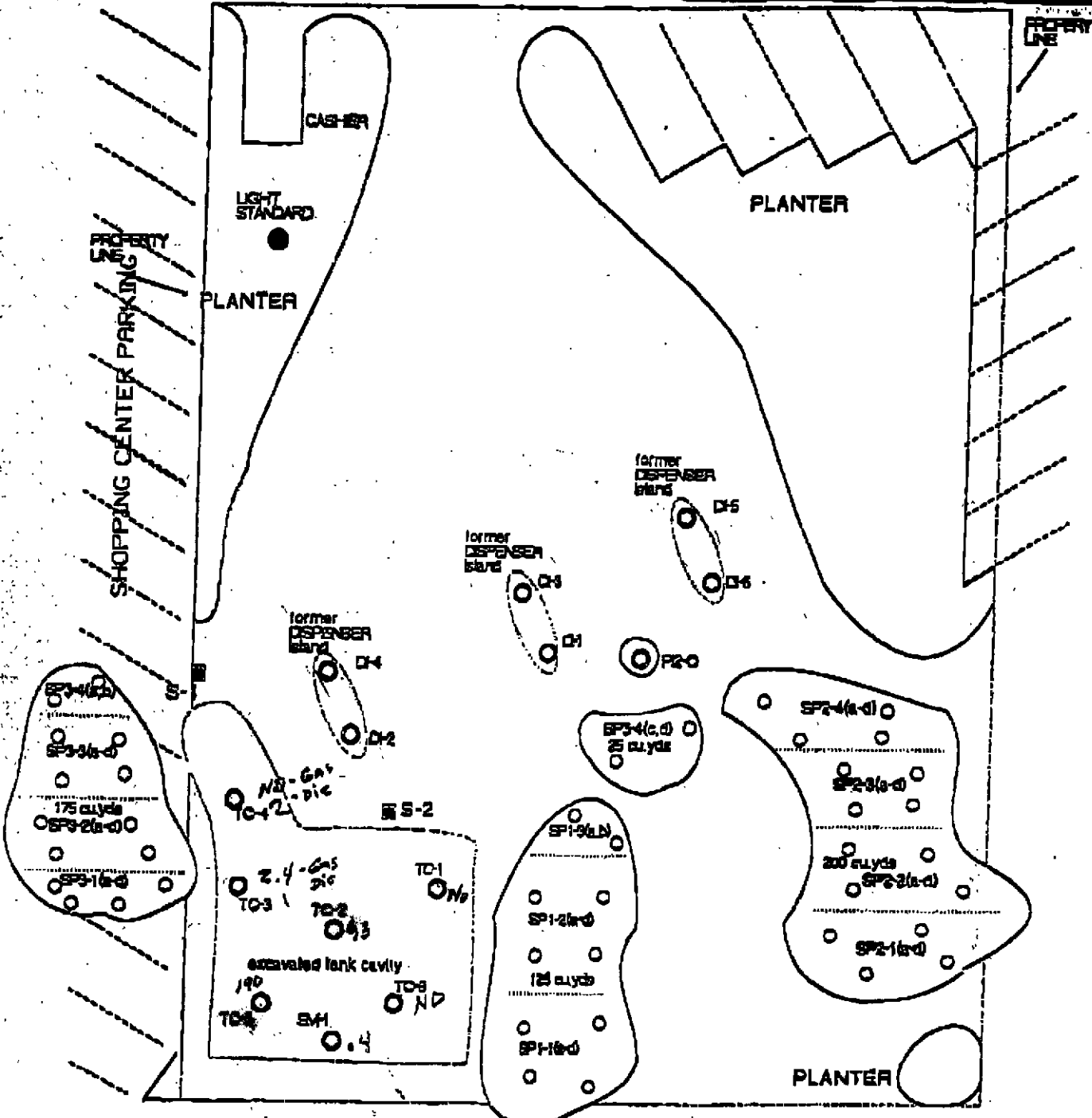


FIGURE 3  
 8/18/94



- TC-1 - 16'
- TC-2 - 16'
- TC-3 - 17 1/2'
- TC-4 - 15 1/2'
- TC-5 - 17'
- TC-6 - 18'
- SM-1 - 19 1/2'

- Tank cavity - Gas tanks  
 taken down  $\frac{1}{2}$  even to 16'  
 except where sample depths are different

- Tank cavity - Diesel tank  
 taken to 13 1/2' / 14' except where sampled

7 - Dispenser Island samples - Normal FAT

WEGE: TABLE 1

USA PETROLEUM CORPORATION  
 10700 MACARTHUR BLVD.,  
 OAKLAND, CALIFORNIA

SOIL SAMPLE LABORATORY RESULTS

SAMPLE LOCATION	SAMPLE ID	DATE SAMPLED	DEPTH SAMPLED IN FEET	SAMPLING COMPANY	LAB	TPH, G PPM	TPH, D	BENZENE PPM	TOLUENE PPM	ETHYL BENZENE PPM	XYLENE PPM	TTLIC LEAD PPM
P_L TRENCH	PI-1	07/19/94	3.5	WEGE	AEN	<0.2	<1.0	<.005	<.005	<.005	<.005	7
P_L TRENCH	PI-2	07/19/94	3.5	WEGE	AEN	4900	<50	<1.0	6	60	440	4
P_L TRENCH	PI-3	07/19/94	3.5	WEGE	AEN	<0.2	<1.0	<.005	<.005	<.005	<.005	5
P_L TRENCH	PI-4	07/19/94	4	WEGE	AEN	<0.2	<1.0	<.005	<.005	<.005	<.005	6
P_L TRENCH	PI-5	07/19/94	3.5	WEGE	AEN	<1.0	<1.0	<.005	<.005	<.005	<.005	7
TNK FIELD	TP1	07/19/94	12.5	WEGE	AEN		60	<.005	0.015	0.007	0.008	
TNK FIELD	TP2	07/19/94	12.5	WEGE	AEN		230	<1.0	0.79	2.2	0.7	
TNK FIELD	TP3	07/19/94	12	WEGE	AEN	90		0.18	0.28	1	5.9	3
TNK FIELD	TP4	07/19/94	12	WEGE	AEN	3000		<1.0	2.5	12	150	4
TNK FIELD	TP5	07/19/94	12	WEGE	AEN	260		<.5	0.74	4.8	20	3
TNK FIELD	TP6	07/19/94	12	WEGE	AEN	0.7		<.005	<.005	0.006	<.005	3
TNK FIELD	TP7	07/19/94	12	WEGE	AEN	<0.2		<.005	<.005	<.005	<.005	3
TNK CAVTY	TC-1	08/19/94	16	WEGE	AEN	<0.2		<.005	<.005	<.005	<.005	
TNK CAVTY	TC-2	08/19/94	16	WEGE	AEN	30		<0.10	380	630	2100	
TNK CAVTY	TC-3	08/19/94	17.5	WEGE	AEN	2.4	1	8	20	20	110	
TNK CAVTY	TC-4	08/19/94	15.5	WEGE	AEN	<0.2	2	<.005	<.005	<.005	<.005	
TNK CAVTY	TC-5	08/19/94	17	WEGE	AEN	100		170	200	200	2000	
TNK CAVTY	TC-6	08/19/94	18	WEGE	AEN	<0.2		<.005	<.005	<.005	<.005	
TNK CAVTY	SM-1	08/18/94	19.5	WEGE	AEN	0.4		<.005	<.005	<.005	<.005	

PPM- PARTS PER MILLION (mg/kg)  
 TPH- TOTAL FUEL HYDROCARBONS (GASOLINE)  
 TTLIC-TOTAL THRESHOLD LIMIT CONCENTRATION  
 EPA METHOD 5020 USED FOR TPH, GASOLINE  
 EPA METHOD 3550 FOR TPH, DIESEL  
 EPA METHOD 8020 USED FOR (BTEX); BENZENE, TOLUENE, ETHYL BENZENE, XYLENE  
 EPA METHOD 7420 USED FOR TTLIC (LEAD)  
 EPA METHOD 8270 FOR PMA'S

WEGE- WESTERN GEO-ENGINEERS  
 AEN- AMERICAN ENVIRONMENTAL NETWORK (DHS #1172)  
 \* PMA'S by MS270, note Naphthalene is only PMA above detection limit.  
 BLANK &/or " ", sample not taken or analyzed.

P.P. 4/13

AUG 31 '94 10:11AM USA PETROLEUM - HQ(6)662-4541  
AUG 24 '94 08:22 AM SCLC-ENVIRONMENT 7.3(6)662-4541

1. Client: USA Gasline Corp  
 Address: 30100 Regan Ct SE  
Spania Hill, CA 91301  
 Contact: Stewart Desappo  
 Alt. Contact: \_\_\_\_\_

**American Environmental Network**  
 200 3440 Vincent Road, Pleasant Hill, CA 94523  
 Phone: (510) 930-9090  
 FAX: (510) 930-0256

**AEN**

Page \_\_\_\_\_ of \_\_\_\_\_

REQUEST FOR ANALYSIS / CHAIN OF CUSTODY

9408283

Lab Job Number: \_\_\_\_\_  
 Lab Destination: \_\_\_\_\_  
 Date Samples Shipped: \_\_\_\_\_  
 Lab Contact: \_\_\_\_\_  
 Date Results Required: \_\_\_\_\_  
 Date Report Required: \_\_\_\_\_  
 Client Phone No.: \_\_\_\_\_  
 Client FAX No.: \_\_\_\_\_

Address Report To:  
 2. Western Geo-Engineers  
1366 E. Beaver St.  
Woodland, CA  
Attn: Vern Bennett

Send Invoice To:  
 2. US - same as 1

Send Report To: 1 or 2 (Circle one)  
 Client P.O. No.: \_\_\_\_\_ Client Project ID. No.: USA #57

Sample Team Member (s) Vern Bennett

Lab Number	Client Sample Identification	Air Volume	Date/Time Collected	Sample Type*	Pres.	No. of Cont.	Type of Cont.	ANALYSIS			Comments / Hazards
								TPH	BTEX	TPH/D	
01A	SM-1		8/24/94 9:55	8		1	20	X	X		(SM-1A) 24 hour TAT Fax results - Wed
02A	TC-1		8/24/94					X	X		
03A	TC-2		20					X	X		
04A	TC-3		3:20					X	X		
05A	TC-4		3:50					X	X		
06A	TC-5		4:10					X	X		
07A	TC-6		4:20					X	X		

Refrimished by: (Signature) <u>Vern Bennett</u>	DATE <u>8/24/94</u>	TIME <u>11:40</u>	Received by: (Signature) <u>Mel Hoff</u>	DATE <u>8/24/94</u>	TIME <u>11:40</u>
Refrimished by: (Signature) <u>Mel Hoff</u>	DATE <u>8-22-94</u>	TIME <u>12:45</u>	Received by: (Signature) <u>Liz L. Pruitt</u>	DATE <u>8-22-94</u>	TIME <u>12:45</u>
Refrimished by: (Signature) _____	DATE _____	TIME _____	Received by: (Signature) _____	DATE _____	TIME _____
Method of Shipment _____			Lab Comments _____		

\*Sample type (Specify): 1) 37mm 0.8 µm MCEF 2) 25mm 0.8 µm MCEF 3) 25mm 0.4 µm polycarb. filter  
 4) PVC filter, diam. \_\_\_\_\_ pore size \_\_\_\_\_ 5) Charcoal tube 6) Silica gel tube 7) Water 8) Soil 9) Bulk Sample  
 10) Other \_\_\_\_\_ 11) Other \_\_\_\_\_

COPIES: WHITE - JOB FILE YELLOW - PROJECT FILE PURP - CLIENT

**RUSH**

**AMERICAN ENVIRONMENTAL NETWORK (AEN)**

**FAX TRANSMISSION COVER**

**PRIORITY**

**AMERICAN ENVIRONMENTAL NETWORK  
3440 VINCENT ROAD  
PLEASANT HILL, CA 94523**

**FAX NO: (510) 830-0256**

**PHONE NO: (510) 830-9090**

**DATE:** 8/23/94

**# OF PAGES (Including cover)** 10

**REPLY REQUESTED:  
(circle request)**

**NO**

**YES**

**URGENT**

**FAX REPLY**

**PHONE REPLY**

**FYI**

**TO:** Vern Bennett  
WPE

**FROM:** Client Services

**AEN PROJ NO:** 9408283

**CLIENT PROJ NO:** USA #37

- FINAL RESULTS**
- PARTIAL RESULTS**
- PRELIMINARY RESULTS**

**COMMENTS:**  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

AEN Job No: 9408283

Client Project ID: USA. 57

**Project Footnotes**

The following footnotes apply to the indicated project samples and will appear on the final report:

Client IDs	AEN IDs	Test	Footnotes
<u>TC-2</u>	<u>3A</u>	<u>BTEX/gasoline</u>	<u>04</u>
<u>TC-4</u>	<u>5A</u>	<u>gasoline</u>	<u>(*)</u>
<u>TC-5</u>	<u>6A</u>	<u>gasoline/BTEX</u>	<u>04</u>

**Footnotes**

- 01: Reporting limits (RLs) elevated due to matrix interference.
  - 02: RL(s) elevated for \_\_\_\_\_ due to hydrocarbon interference.
  - 03: RL(s) elevated for \_\_\_\_\_ due to hydrocarbon interference in the \_\_\_\_\_ range.
  - 04: RL(s) elevated due to high levels of target compounds. Sample(s) run at dilution.
  - 05: RL(s) elevated due to high levels of non-target compounds. Sample(s) run at dilution.
  - 06: RL(s) elevated for \_\_\_\_\_ due to background contamination.
  - 07: Duplicate analysis showed surrogate recoveries outside of QC limits. Results are estimated concentrations.
- The gasoline result includes diesel range organics, not typical gasoline pattern*

For your information, the following footnotes will not appear on the final report unless requested:

(\*)

If you have any questions, please contact Client Services at (510) 930-9090. Thank you!

WESTERN GEO-ENGINEERING

SAMPLE ID: SM-1  
AEN LAB NO: 9408283-01  
AEN WORK ORDER: 9408283  
CLIENT PROJ. ID: USA #57

DATE SAMPLED: 08/18/94  
DATE RECEIVED: 08/22/94  
REPORT DATE: 08/23/94

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
Benzene	71-43-2	ND	5	ug/kg	08/22/94
Toluene	108-88-3	ND	5	ug/kg	08/22/94
Ethylbenzene	100-41-4	ND	5	ug/kg	08/22/94
Xylenes, Total	1330-20-7	ND	5	ug/kg	08/22/94
Purgeable HCs as Gasoline	5030/GCFID	0.4 *	0.2	mg/kg	08/22/94

ND = Not detected at or above the reporting limit  
\* = Value above reporting limit

WESTERN GEO-ENGINEERING

SAMPLE ID: TC-1  
AEN LAB NO: 9408283-02  
AEN WORK ORDER: 9408283  
CLIENT PROJ. ID: USA #57

DATE SAMPLED: 08/19/94  
DATE RECEIVED: 08/22/94  
REPORT DATE: 08/23/94

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
Benzene	71-43-2	ND		ug/kg	08/22/94
Toluene	108-88-3	ND	5	ug/kg	08/22/94
Ethylbenzene	100-41-4	ND	5	ug/kg	08/22/94
Xylenes, Total	1330-20-7	ND	5	ug/kg	08/22/94
Purgeable HCs as Gasoline	5030/GCFID	ND	0.2	mg/kg	08/22/94

ND = Not detected at or above the reporting limit  
\* = Value above reporting limit



WESTERN GEO-ENGINEERING

SAMPLE ID: TC-2  
AEN LAB NO: 9408283-03  
AEN WORK ORDER: 9408283  
CLIENT PROJ. ID: USA #57

DATE SAMPLED: 08/19/94  
DATE RECEIVED: 08/22/94  
REPORT DATE: 08/23/94

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
Benzene	71-43-2	ND	10	ug/kg	08/23/94
Toluene	108-88-3	280 *	5	ug/kg	08/23/94
Ethylbenzene	100-41-4	630 *	5	ug/kg	08/23/94
Xylenes, Total	1330-20-7	8,200 *	5	ug/kg	08/23/94
Purgeable HCs as Gasoline	5030/GCFID	93 *	0.2	mg/kg	08/23/94

ND = Not detected at or above the reporting limit  
\* = Value above reporting limit

WESTERN GEO-ENGINEERING

SAMPLE ID: TC-3  
AEN LAB NO: 9408283-04  
AEN WORK ORDER: 9408283  
CLIENT PROJ. ID: USA #57

DATE SAMPLED: 08/19/94  
DATE RECEIVED: 08/22/94  
REPORT DATE: 08/23/94

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
Benzene	71-43-2	8 *	5	ug/kg	08/22/94
Toluene	108-88-3	20 *	5	ug/kg	08/22/94
Ethylbenzene	100-41-4	20 *	5	ug/kg	08/22/94
Xylenes, Total	1330-20-7	110 *	5	ug/kg	08/22/94
Purgeable HCs as Gasoline	5030/GCFID	2.4 *	0.2	mg/kg	08/22/94
#Extraction for TPH	EPA 3550	.		Extrn Date	08/22/94
TPH as Diesel	GC-FID	1 *	1	mg/kg	08/23/94

ND = Not detected at or above the reporting limit  
\* = Value above reporting limit

WESTERN GEO-ENGINEERING

SAMPLE ID: TC-4  
 AEN LAB NO: 9408283-05  
 AEN WORK ORDER: 9408283  
 CLIENT PROJ. ID: USA #57

DATE SAMPLED: 08/19/94  
 DATE RECEIVED: 08/22/94  
 REPORT DATE: 08/23/94

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
Benzene	71-43-2	ND	5	ug/kg	08/23/94
Toluene	108-88-3	ND	5	ug/kg	08/23/94
Ethylbenzene	100-41-4	ND	5	ug/kg	08/23/94
Xylenes, Total	1330-20-7	ND	5	ug/kg	08/23/94
Purgeable HCs as Gasoline	5030/GCFID	0.7 *	0.2	mg/kg	08/23/94
#Extraction for TPH	EPA 3550	-		Extrn Date	08/22/94
TPH as Diesel	GC-FID	2 *	1	mg/kg	08/23/94

ND = Not detected at or above the reporting limit  
 \* = Value above reporting limit

WESTERN GEO-ENGINEERING

SAMPLE ID: TC-5  
AEN LAB NO: 9408283-06  
AEN WORK ORDER: 9408283  
CLIENT PROJ. ID: USA #57

DATE SAMPLED: 08/19/94  
DATE RECEIVED: 08/22/94  
REPORT DATE: 08/23/94

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
Benzene	71-43-2	170 *	20	ug/kg	08/23/94
Toluene	108-88-3	380 *	20	ug/kg	08/23/94
Ethylbenzene	100-41-4	990 *	20	ug/kg	08/23/94
Xylenes, Total	1330-20-7	7,900 *	20	ug/kg	08/23/94
Purgeable HCs as Gasoline	5030/GCFID	190 *	0.8	mg/kg	08/23/94

ND = Not detected at or above the reporting limit  
\* = Value above reporting limit

WESTERN GEO-ENGINEERING

SAMPLE ID: TC-6  
AEN LAB NO: 9408283-07  
AEN WORK ORDER: 9408283  
CLIENT PROJ. ID: USA #57

DATE SAMPLED: 08/19/94  
DATE RECEIVED: 08/22/94  
REPORT DATE: 08/23/94

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
Benzene	71-43-2	ND	5	ug/kg	08/23/94
Toluene	108-88-3	ND	5	ug/kg	08/23/94
Ethylbenzene	100-41-4	ND	5	ug/kg	08/23/94
Xylenes, Total	1330-20-7	ND	5	ug/kg	08/23/94
Purgeable HCs as Gasoline	5030/GCFID	ND	0.2	mg/kg	08/23/94

ND = Not detected at or above the reporting limit  
\* = Value above reporting limit