

FAX TRANSMITTAL SHEET

1/10/91

TO: ALAMEDA COUNTY HEALTH ATTN: SUSAN HUGO

FROM: PACIFIC EXCAVATORS FAX: 228-7395

CONTACT: JOE MADISON 370-8783

REGARDING: 5200 TELEGRAPH AVE., OAKLAND, CA

ENCLOSED IS A COPY OF THE SOILS REPORTS FOR AUTOPEO

6 PAGES

CHROMALAB, INC.

Analytical Laboratory
Specializing in GC-GC/MS

- Environmental Analysis
- Hazardous Waste (#5594)
- Drinking Water (#559)
- Waste Water
- Consultation

December 25, 1990

ChromaLab File No.: 1290085

SAMPLING SPECIALISTS, INC.

Attn: John Pratt

RE: Two water samples for Gasoline/BTEX, Diesel and total Lead analyses

Project Name: AP OAK
Date Sampled: Dec. 19, 1990
Date Extracted: Dec. 21-27, 1990

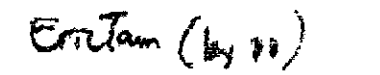
Date Submitted: Dec. 19, 1990
Date Analyzed: Dec. 21-27, 1990

RESULTS:

Sample No.	Gasoline (ug/L)	Diesel (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)	Lead (mg/L)
APGW-1	110000	88007	130-ppb	77	190	160	1.61
APGW-2			---	---	---	---	---
BLANK SPIKE	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
RECOVERY	93.0%	94.0%	84.8%	95.8%	101.8%	93.2%	94.1%
DUP SPIKE							
RECOVERY		98.8%	88.6%	95.4%	87.1%	96.0%	99.0%
DETECTION LIMIT	50	50	0.5	0.5	0.5	0.5	0.0
METHOD OF ANALYSIS	6030/ 8015	3510/ 8015	602	602	602	602	7420

ChromaLab, Inc.


David Duong
Senior Chemist


Eric Tam
Laboratory Director

CHROMALAB, INC.

Analytical Laboratory
Specializing in GC-GC/MS

- Environmental Analysis
- Hazardous Waste (#E604)
- Drinking Water (#056)
- Waste Water
- Consultation

December 28, 1990

JAN 10 '91 16:55

PAGE.003

FROM
SAMPLING SPECIALISTS, INC.

P. 004

Attn: John Pratt

RE: Fourteen soil samples for Gasoline/BTEX, Diesel, Oil & Grease
and total Lead analyses

Project Name: AP OAKLAND

Date Sampled: Dec. 19, 1990

JAN 10 '91 16:56

PAGE.004

FROM

ANALYZED: Dec. 21-27, 1990

P. 005

RESULTS:

Sample No.	Gasoline (mg/Kg)	Diesel (mg/Kg)	Benzene (ug/Kg)	Toluene (ug/Kg)	Ethyl Benzene (ug/Kg)	Total xylenes (ug/Kg)	Oil & Grease (mg/Kg)	Lead (mg/Kg)
AP-1	36	32	N.D.	34	120	370	5000	---
AP-2	19	47	N.D.	---	---	---	---	---

JAN 10 '91 16:56

PAGE.005

BLANK SPIKE	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
RECOVERY	93.9%	94.0%	84.8%	95.8%	101.8%	93.2%	----	84.1%
DUP SPIKE								
RECOVERY	87.2%	96.8%	88.5%	95.4%	87.1%	96.0%	----	99.0%
DET. LIMIT	1.0	1.0	6.0	5.0	5.0	5.0	10	0.05
METHOD OF ANALYSIS	5030/ 8015	3550/ 8015	8020	8020	8020	8020	5520 D&F	7420

JAN 10 '91 16:56

PAGE.007

2239 Omega Road, #1 • San Ramon, California 94583
 415/831-1788 • Facsimile 415/831-8798
 Federal ID #68-0140157
 415 932 4256

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P. 008

PAGE.008

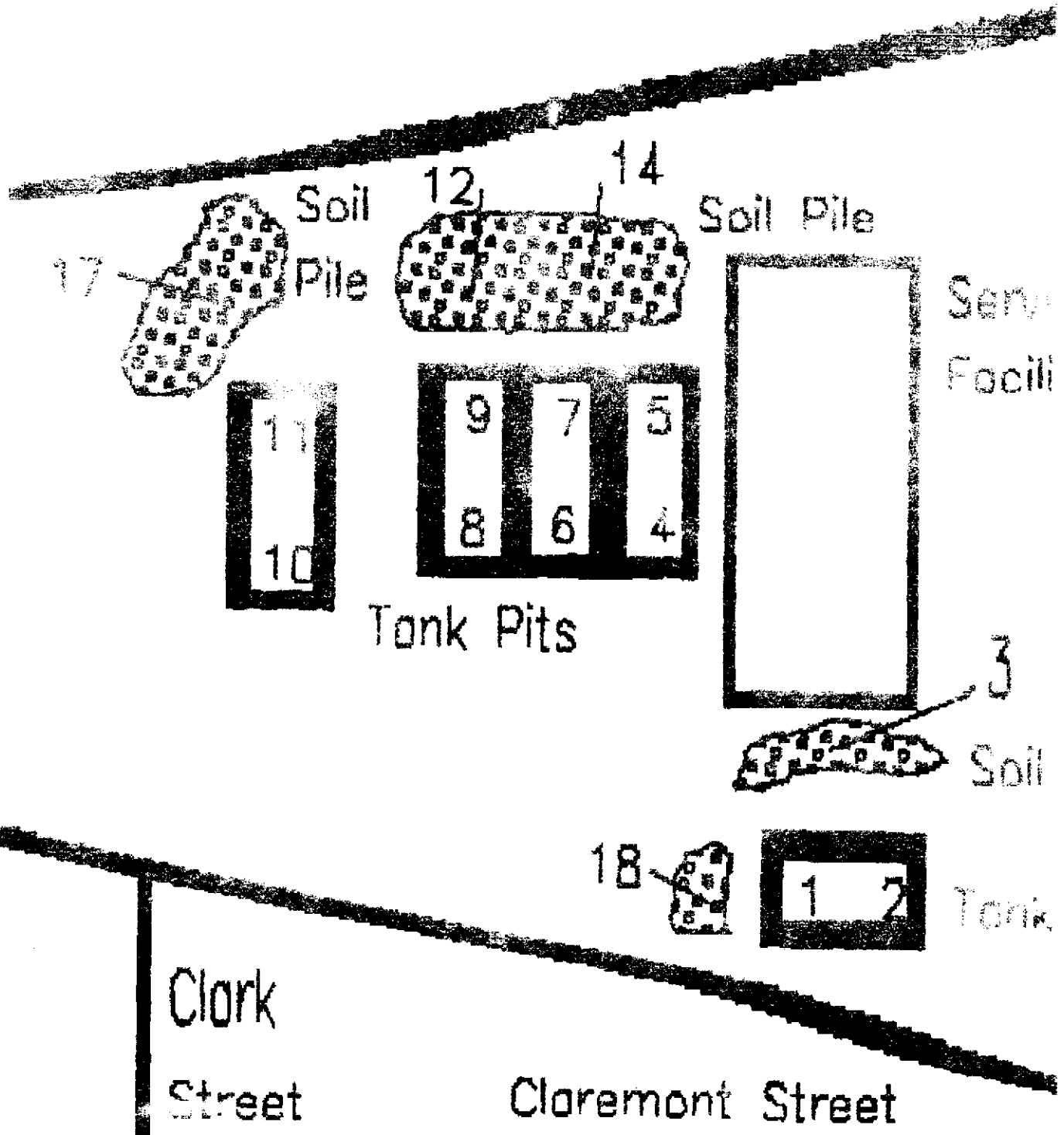
FROM								
AP-4	2300	4500	59	570	2700	N.D.	(240) P.M.	P. 006
AP-5	320	N.D.	N.D.	190	1500	30000	----	39.6
AP-6	2900	----	4800	2400	380	220	----	15.3
AP-7	540	----	N.D.	N.D.	3400	2900	----	47.1
AP-8	36	----	N.D.	N.D.	230	13000	----	18.4
AP-9	1100	----	73	670	11000	110	----	11.6
AP-10	340	----	7.8	130	170	4900	----	23.2
AP-11	8.8	----	N.D.	N.D.	N.D.	190	----	17.1
AP-12	N.D.	----	N.D.	N.D.	N.D.	N.D.	----	9.38
AP-14	130	58	N.D.	N.D.	N.D.	N.D.	----	----
					110	1100	----	----

JAN 10 '91 16:56

PAGE.006

Sampling Specialist Company

Telegraph Aven



CHROMALAB, INC.

Analytical Laboratory
Specializing in GC-GC/MS

- Environmental Analysis
- Hazardous Waste (#E894)
- Drinking Water (#255)
- Waste Water
- Consultation

December 27, 1990

Chromalab File #12900850

Client: SAMPLING SPECIALISTS, INC.
Date Sampled: Dec. 19, 1990
Date of Analysis: Dec. 26-27, 1990

Attn: John Pratt
Date Submitted: Dec. 19, 1990

Project Name: AP OAKLAND
Sample I.D.: AP-3 & 18
Method of Analysis: EPA 8010

Detection Limit: 5.0 µg/Kg

COMPOUND NAME	µg/Kg	Spike Recovery	
CHLOROMETHANE	N.D.	---	---
ETHYL CHLORIDE	N.D.	---	---
ISOMETHANE	N.D.	---	---
ETHYLENE	N.D.	---	---
DICHLOROFLUOROMETHANE	N.D.	---	---
1,1-DICHLOROETHENE	N.D.	90.2%	83.1%
ETHYLENE CHLORIDE	N.D.	---	---
1,2-DICHLOROETHENE (TOTAL)	N.D.	---	---
1,1-DICHLOROETHANE	N.D.	---	---
CHLOROFORM	N.D.	---	---
1,1,1-TRICHLOROETHANE	N.D.	---	---
CARBON TETRACHLORIDE	N.D.	96.8%	88.7%
1,2-DICHLOROETHANE	N.D.	---	---
1,1-DICHLOROETHENE	N.D.	---	---
1,2-DICHLOROPROPANE	N.D.	---	---
1,1-DICHLOROMETHANE	N.D.	---	---
1,1-DICHLOROETHYLENE	N.D.	---	---
TRANS-1,3-DICHLOROPROPENE	N.D.	90.1%	92.5%
CIS-1,3-DICHLOROPROPENE	N.D.	---	---
1,1,2-TRICHLOROETHANE	N.D.	---	---
1,1,1,1-TETRACHLOROETHANE	N.D.	---	---
1,2-DICHLOROBENZENE	N.D.	---	---
1,4-DICHLOROBENZENE	N.D.	---	---
1,2-DICHLOROBENZENE	N.D.	---	---
CHLOROBENZENE	N.D.	93.1%	92.4%
CHLOROFORM	N.D.	---	---
1,1,2,2-TETRACHLOROETHANE	N.D.	---	---
1,3-DICHLOROBENZENE	N.D.	---	---
1,4-DICHLOROBENZENE	N.D.	---	---
1,2-DICHLOROBENZENE	N.D.	---	---

Chromalab, Inc.

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E.P.C.

CHROMALAB, INC.

Analytical Laboratory
Specializing in GC-GC/MS

- Environmental Analysis
- Hazardous Waste (#E694)
- Drinking Water (#956)
- Waste Water
- Consultation

December 27, 1990

ChromaLab File #12900850

Client: SAMPLING SPECIALISTS, INC.
Date Sampled: Dec. 19, 1990
Date of Analysis: Dec. 26-27, 1990


Attn: John Pratt
Date Submitted: Dec. 19, 1990

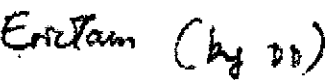
Project Name: AP OAKLAND
Sample I.D.: AP-3 & 18
Method of Analysis: EPA 8010

Detection Limit: 5.0 µg/Kg

COMPOUND NAME	µg/Kg	Spike Recovery	
CHLOROMETHANE	N.D.	---	---
VINYL CHLORIDE	N.D.	---	---
BROMOMETHANE	N.D.	---	---
CHLOROETHANE	N.D.	---	---
TRICHLOROFLUOROMETHANE	N.D.	---	---
1,1-DICHLOROETHENE	N.D.	90.2%	89.1%
METHYLENE CHLORIDE	N.D.	---	---
1,2-DICHLOROETHENE (TOTAL)	N.D.	---	---
1,1-DICHLOROETHANE	N.D.	---	---
CHLOROFORM	N.D.	---	---
1,1,1-TRICHLOROETHANE	N.D.	---	---
CARBON TETRACHLORIDE	N.D.	95.9%	89.7%
1,2-DICHLOROETHANE	N.D.	---	---
TRICHLOROETHENE	N.D.	---	---
1,2-DICHLOROPROPANE	N.D.	---	---
BROMODICHLOROMETHANE	N.D.	---	---
2-CHLOROETHYL VINYLETHER	N.D.	---	---
TRANS-1,3-DICHLOROPROPENE	N.D.	90.1%	92.5%
CIS-1,3-DICHLOROPROPENE	N.D.	---	---
1,1,2-TRICHLOROETHANE	N.D.	---	---
TETRACHLOROETHENE	N.D.	---	---
DIBROMOCHLOROMETHANE	N.D.	---	---
CHLOROBENZENE	N.D.	93.1%	92.4%
BROMOFORM	N.D.	---	---
1,1,2,2-TETRACHLOROETHANE	N.D.	---	---
1,3-DICHLOROBENZENE	N.D.	---	---
1,4-DICHLOROBENZENE	N.D.	---	---
1,2-DICHLOROBENZENE	N.D.	---	---

ChromaLab, Inc.


David Duong
Senior Chemist


Eric Tam
Lab Director

2239 Omega Road, #1 • San Ramon, California 94583
415/831-1786 • Facsimile 415/831-5795
EPA Method 8210-GC/MS

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TOTAL P.64

VALAB, INC.

Analytical Laboratory
Specializing in GC-GC/MS

- Environmental Analysis
- Hazardous Waste (#5004)
- Drinking Water (#505)
- Waste Water
- Consultation.

Number 25, 1990

Chromalab File No.: 1290085

ANALYTICAL SPECIALISTS, INC.

By John Pratt

Two water samples for Gasoline/BTEX, Diesel and total Lead analyses

Project Name: 67 OAK
 Sampled: Dec. 18, 1990 Date Submitted: Dec. 19, 1990
 Extracted: Dec. 21-27, 1990 Date Analyzed: Dec. 21-27, 1990

RESULTS:

Gasoline (ug/L)	Diesel (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)	Lead (mg/L)
11000	6800	130-ppb	71	190	160	1.51
N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
88.2%	74.0%	84.8%	95.8%	101.8%	93.2%	94.1%
	98.8%	88.5%	95.4%	87.1%	96.0%	99.0%
50	50	0.5	0.5	0.5	0.5	0.0
8030/	3510/					
8015	8015	802	802	802	802	7420

Valab, Inc.



Analyst
chemist

Eric Tam (by 70)

Eric Tam
Laboratory Director

CHROMALAB, INC.

Analytical Laboratory
Specializing in GC-GC/MS

- Environmental Analysis
- Hazardous Waste (#E89-1)
- Drinking Water (#856)
- Waste Water
- Consultation

December 27, 1990

ChromaLab File #12900855

Client: SAMPLING SPECIALISTS, INC.
Date Sampled: Dec. 19, 1990
Date of Analysis: Dec. 26-27, 1990

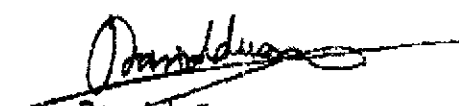
Attn: John Pratt
Date Submitted: Dec. 19, 1990


Project Name: AP OAKLAND
Sample I.D.: AP-2
Method of Analysis: EPA 8010

Detection Limit: 5.0 µg

COMPOUND NAME	µg/Kg	Spike Recovery	
CHLOROMETHANE	N.D.	---	---
VINYL CHLORIDE	N.D.	---	---
BROMOMETHANE	N.D.	---	---
CHLOROETHANE	N.D.	---	---
TRICHLOROFLUOROMETHANE	N.D.	---	---
1,1-DICHLOROETHENE	N.D.	90.2%	93.1%
METHYLENE CHLORIDE	N.D.	---	---
1,2-DICHLOROETHENE (TOTAL)	N.D.	---	---
1,1-DICHLOROETHANE	N.D.	---	---
CHLOROFORM	N.D.	---	---
1,1,1-TRICHLOROETHANE	N.D.	---	---
CARBON TETRACHLORIDE	N.D.	96.9%	89.7%
1,2-DICHLOROETHANE	N.D.	---	---
TRICHLOROETHENE	N.D.	---	---
1,2-DICHLOROPROPANE	N.D.	---	---
BROMODICHLOROMETHANE	N.D.	---	---
2-CHLOROETHYL VINYLETHER	N.D.	---	---
TRANS-1,3-DICHLOROPROPENE	N.D.	90.1%	92.5%
CIS-1,3-DICHLOROPROPENE	N.D.	---	---
1,1,2-TRICHLOROETHANE	N.D.	---	---
TETRACHLOROETHENE	N.D.	---	---
DIBROMOCHLOROMETHANE	N.D.	---	---
CHLOROBENZENE	N.D.	93.1%	92.4%
BROMOFORM	N.D.	---	---
1,1,2,2-TETRACHLOROETHANE	N.D.	---	---
1,3-DICHLOROBENZENE	N.D.	---	---
1,4-DICHLOROBENZENE	N.D.	---	---
1,2-DICHLOROBENZENE	N.D.	---	---

ChromaLab, Inc.


David Duong
Senior Chemist


Eric Tam
Lab Director

2239 Omega Road, #1 • San Ramon, California 94583
415/831-1788 • Facsimile 415/831-8798
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CHROMALAB, INC.

Analytical Laboratory
Specializing in GC-GC/MS

- Environmental Analysis
- Hazardous Waste (#E694)
- Drinking Water (#955)
- Waste Water
- Consultation

December 27, 1990

ChromaLab File #1290085A

Client: SAMPLING SPECIALISTS, INC.
Date Sampled: Dec. 19, 1990
Date of Analysis: Dec. 26-27, 1990


Attn: John Pratt
Date Submitted: Dec. 19, 1990

Project Name: AP OAKLAND
Sample I.D.: AP-1
Method of Analysis: EPA 8010

Detection Limit: 5.0 µg/Kg

COMPOUND NAME	µg/Kg	Spike Recovery	
CHLOROMETHANE	N.D.	---	---
VINYL CHLORIDE	N.D.	---	---
BROMOMETHANE	N.D.	---	---
CHLOROETHANE	N.D.	---	---
TRICHLOROFLUOROMETHANE	N.D.	---	---
1,1-DICHLOROETHENE	N.D.	90.2%	93.1%
METHYLENE CHLORIDE	N.D.	---	---
1,2-DICHLOROETHENE (TOTAL)	N.D.	---	---
1,1-DICHLOROETHANE	N.D.	---	---
CHLOROFORM	N.D.	---	---
1,1,1-TRICHLOROETHANE	N.D.	---	---
CARBON TETRACHLORIDE	N.D.	95.9%	89.7%
1,2-DICHLOROETHANE	N.D.	---	---
TRICHLOROETHENE	N.D.	---	---
1,2-DICHLOROPROPANE	N.D.	---	---
BROMODICHLOROMETHANE	N.D.	---	---
2-CHLOROETHYL VINYLETHER	N.D.	---	---
TRANS-1,3-DICHLOROPROPENE	N.D.	90.1%	92.5%
CIS-1,3-DICHLOROPROPENE	N.D.	---	---
1,1,2-TRICHLOROETHANE	N.D.	---	---
TETRACHLOROETHENE	N.D.	---	---
DIBROMOCHLOROMETHANE	N.D.	---	---
CHLOROBENZENE	N.D.	93.1%	92.4%
BROMOFORM	N.D.	---	---
1,1,2,2-TETRACHLOROETHANE	N.D.	---	---
1,3-DICHLOROBENZENE	N.D.	---	---
1,4-DICHLOROBENZENE	N.D.	---	---
1,2-DICHLOROBENZENE	N.D.	---	---

ChromaLab, Inc.


David Duong
Senior Chemist


Eric Tam
Lab Director

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415/831-1788 • Facsimile 415/831-8798
Federal ID #88-0140167

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