



*Underground Contamination Investigations, Groundwater Consultants, Environmental Engineering*

September 24, 1997

Mike Bakaldin/Karl Busche  
City of San Leandro Fire Department  
Hazardous Materials Division  
Civic Center, 835 E. 14th Street  
San Leandro, CA 94577  
FAX # (510) 577-3295

RE: Laboratory Results - Soil Samples  
Tank Removal - Quality Tune-Up  
14901 E. 14th Street, San Leandro, CA

Dear Mike\Karl

Please find copies of the laboratory results on the soil samples at the Quality Tune-Up Shop a 150th and E. 14th Street, San Leandro, CA.

Mike, as you know we reviewed them Monday 9/22/97 at least the samples taken from the excavation and the spoils pile. I received the results on the Waste Oil Tank today, and I have included them in this package.

The sample ID # follows this description:  
**TANKS - ABCD, EFGH, JKLM ARE THE SPOILS PILE SAMPLES**  
**EXC-B, EXC-C, EXC-D, EXC-E, EXC-F, EXC-G, EXC-H, EXC-J**  
**ARE THE RESULTS FROM THE SIDEWALL SAMPLES TAKEN IN THE**  
**TANK EXCAVATION.**

**THE WASTE OIL SAMPLES ARE IDENTIFIED AS:**  
**W.O.BOTTOM - SAMPLE FROM THE BOTTOM OF THE TANK EXCAVATION**  
**W.O.-A&B SPOILS PILE**  
**I HAVE ALSO INCLUDED REACTIVITY-CORRESIVITY-IGNITABILITY AND**

EPA METHOD 8010, THE WASTE OIL SCREEN FOR CHLORINATED SOLVENTS, AND THE FIVE LUFT METALS.

I have also included a sample site plan indicating the location and depth of each sample.

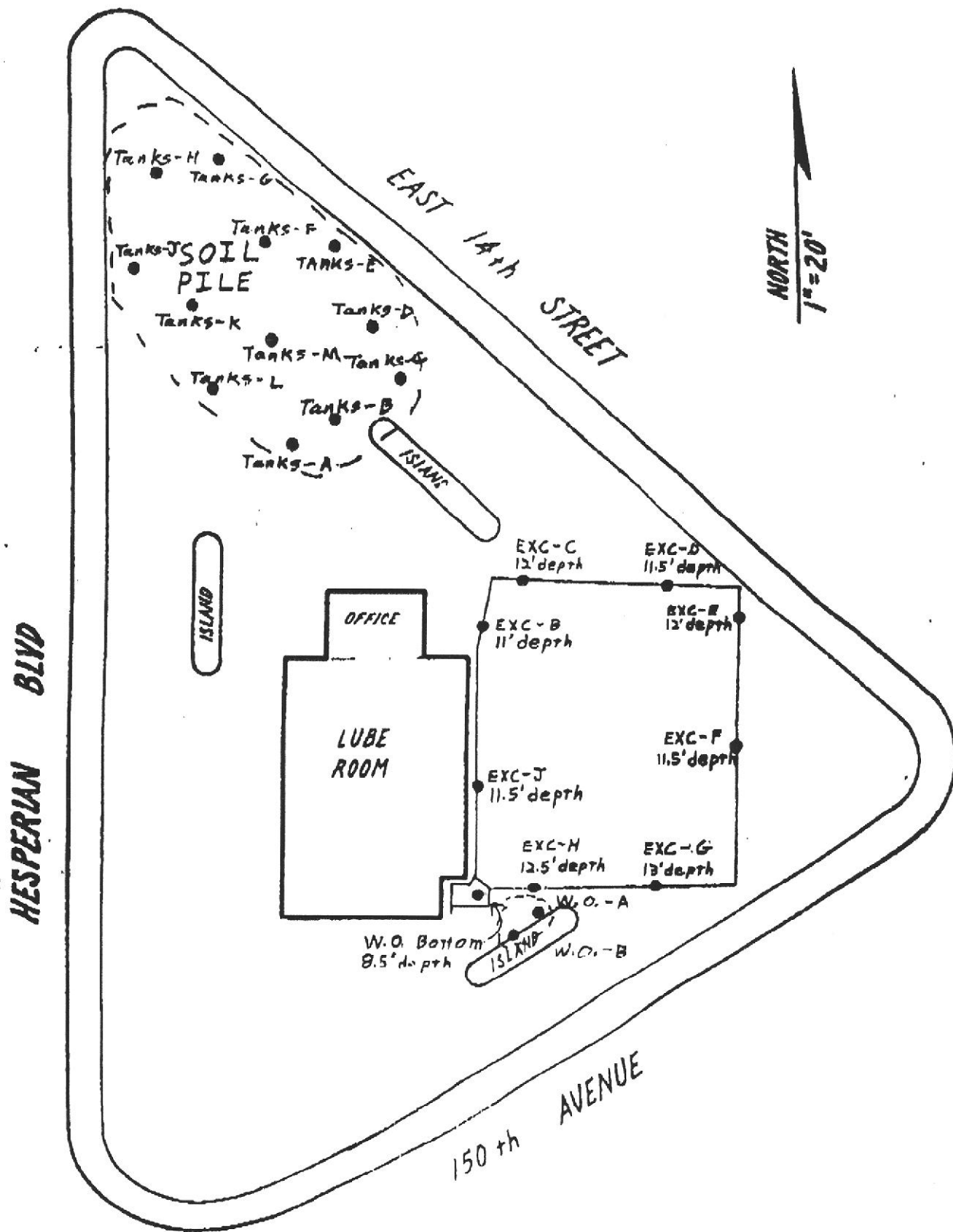
We Plan to start backfilling the excavation on Thursday A.M. using the spoils materials as we discussed on Monday.

Should you have any Questions please give me a call or stop by Quality Tune-Up Shop, I will be on site.

Thanks for all your Help.

Sincerely,  
HAGEMAN-AGUIAR, INC.

  
Bruce Hageman  
attachments



SEP-18-97 FRI 12:31

PRIORITY LABS

FAX NO. 408.466.6663

P.01



# PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

September 19, 1997

PEL # 9709031

HAGEMAN - AGUIAR, INC.

Attn: Randal Wilson

Re: Eight soil samples for Gasoline/BTEX with MTBE analysis.

Project name: Quality - San Leandro

Date sampled: Sep 16, 1997


Date submitted: Sep 16, 1997

Date extracted: Sep 17-18, 1997

Date analyzed: Sep 17-18, 1997

**RESULTS:**

SAMPLE I.D.	Gasoline (mg/Kg)	MTBE (ug/Kg)	Benzene (ug/Kg)	Toluene (ug/Kg)	Ethyl Benzene (ug/Kg)	Total Xylene (ug/Kg)
Exc-B	34	N.D.	N.D.	N.D.	5.7	35
Exc-C	130	N.D.	59	39	71	240
Exc-D	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Exc-E	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Exc-F	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Exc-G	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Exc-H	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Exc-J	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Blank	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Spiked Recovery	81.9%	---	83.7%	82.3%	90.7%	94.9%
Detection limit	1.0	5.0	5.0	5.0	5.0	5.0
Method of Analysis	5030/ 8015	8020	8020	8020	8020	8020

  
David Duong  
Laboratory Director

# PRIORITY ENVIRONMENTAL LABS

Chain of Custody

1764 Houret Ct. Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

DATE: 09/16/97 PAGE: 1 OF 1

PROJECT NO.:		<b>ANALYSIS REPORT</b>									
COMPANY: <i>Hegeman - Aguilar</i>											
ADDRESS:											
PHONE: _____ FAX: _____ SIGNATURE: <i>Randal Wilson</i>											

PEL # 9709031  
INV # 27931

SAMPLE ID	DATE	TIME	MATRIX	TPH - Gasoline (EPA 8030.8015)	TPH - Diesel (EPA 8020.8015) w/ BTX (EPA 802.8020)	TPH - Diesel (EPA 3510/3550.8015)	PURGEABLE AROMATICS BTX (EPA 802.8020)	TOTAL OIL & GREASE (EPA 5320 C.D67)	PESTICIDES/PCB (EPA 803.8030)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	CHLORINATED HYDROCARBONS (EPA 801.8010)
Exc-B	09/16/97	12:19	Soil	X							
Exc-C	09/16/97	12:24	Soil	X							
Exc-D	09/16/97	12:28	Soil	X							
Exc-E	09/16/97	12:32	Soil	X							
Exc-F	09/16/97	12:35	Soil	X							
Exc-G	09/16/97	12:37	Soil	X							
Exc-H	09/16/97	12:49	Soil	X							
Exc-I	09/16/97	12:55	Soil	X							
<i>Blank RW</i>											

PROJECT INFORMATION		SAMPLE RECEIPT		RELINQUISHED BY:		RECEIVED BY:		RELINQUISHED BY:		RECEIVED BY:	
PROJECT NAME: <i>Quality Sea Leaks</i>	TOTAL # OF CONTAINERS: <i>8</i>	RECD. GOOD COND./COLD		SIGNATURE: <i>Randal Wilson</i>	DATE: <i>09/16/97</i>	SIGNATURE: <i>David W...</i>	DATE: <i>09/16/97</i>	SIGNATURE:	DATE:	SIGNATURE:	DATE:
INSTRUCTIONS & COMMENTS:				COMPANY: <i>TEL</i>		COMPANY:		COMPANY:		COMPANY:	

SENT BY: HAGEMAN-AGUIAR, INC. 9-23-97 5:53PM 510284J-547 FAX NU. 408 9663  
 FAX NU. 408 9663  
 FAX NU. 408 9663  
 FAX NU. 408 9663

SEP-19-97 FRI 15:01

PRIORITY LABS

FAX NO. 408 3663

P.01



# PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

September 19, 1997

PEL # 9709033

HAGEMAN - AGUIAR, INC.

Attn: Randal Wilson

Re: Three composited soil samples for Gasoline/BTEX with MTBE analysis.

Project name: Quality - San Leandro

Date sampled: Sep 15, 1997

Date submitted: Sep 16, 1997


Date extracted: Sep 17-18, 1997

Date analyzed: Sep 17-18, 1997

### RESULTS:

SAMPLE I.D.	Gasoline (mg/Kg)	MTBE (ug/Kg)	Benzene (ug/Kg)	Toluene (ug/Kg)	Ethyl Benzene (ug/Kg)	Total Xylene (ug/Kg)
Tanks-A,B,C,D	3.5	N.D.	N.D.	N.D.	N.D.	16
Tanks-E,F,G,H	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Tanks-J,K,L,M	4.9	N.D.	N.D.	N.D.	8.5	12
Blank	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Spiked Recovery	81.9%	---	83.7%	82.3%	90.7%	94.9%
Detection limit	1.0	5.0	5.0	5.0	5.0	5.0
Method of Analysis	5030/ 8015	8020	8020	8020	8020	8020

*Spoil Pile Results*

  
David Duong  
Laboratory Director

# PRIORITY ENVIRONMENTAL LABS

Chain of Custody

1764 Houret Ct. Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

DATE: 09/15/97 PAGE: 1 OF 1

PROJECT INFO:				ANALYSIS REPORT										NUMBER OF CONTAINERS		
COMPANY: <i>Hageman-Aguilar</i>																
ADDRESS:																
PHONE: _____ FAX: _____																
SIGNATURE: <i>Randal Wilson</i>																
SAMPLE ID	DATE	TIME	MATRIX	TPH-Gesalt (EPA 5030.8015)	TPH-Gesalt (EPA 5030.8015) w/BTEX (EPA 802.8020)	TPH-DIPP (EPA 3510/3530.8015)	PURGEABLE AROMATICS BTEX (EPA 802.8020)	TOTAL OIL & GREASE (EPA 8520 C.DMF)	PESTICIDES/PCB (EPA 808.8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	CHLORINATED HYDROCARBONS (EPA 801.8010)	PEL # 9709033		INV # 27933		
Tanks-A	09/15/97	16:00	Soil	X	X	X	X	X	X	X	X	X	4 Point Composite Sample			
Tanks-B	09/15/97	16:00	Soil													
Tanks-C	09/15/97	16:00	Soil													
Tanks-D	09/15/97	16:00	Soil													
Tanks-E	09/15/97	16:00	Soil										4 Point Composite Sample			
Tanks-F	09/15/97	16:00	Soil													
Tanks-G	09/15/97	16:00	Soil													
Tanks-H	09/15/97	16:00	Soil													
Tanks-I	09/15/97	16:00	Soil										4 Point Composite Sample			
Tanks-K	09/15/97	16:00	Soil													
Tanks-L	09/15/97	16:00	Soil													
Tanks-M	09/15/97	16:00	Soil													

PROJECT INFORMATION		SAMPLE RECEIPT		RELINQUISHED BY:		RECEIVED BY:		RELINQUISHED BY:		RECEIVED BY:	
PROJECT NAME: <i>Quality San Leandro</i>	TOTAL # OF CONTAINERS <i>12</i>	RECD. GOOD COND./COLD		SIGNATURE: <i>Randal Wilson</i>	SIGNATURE: <i>DAVID DUONG</i>	SIGNATURE:	SIGNATURE:	SIGNATURE:	SIGNATURE:	SIGNATURE:	SIGNATURE:
RESTRICTIONS & COMMENTS:		Date: <i>09/16/97</i>	Time: <i>16:35</i>	Date: <i>09/16/97</i>	Time: <i>16:35</i>	Date:	Time:	Date:	Time:	Date:	Time:
		COMPANY:		COMPANY:	<i>PEL</i>	COMPANY:		COMPANY:		COMPANY:	

SENT BY: HAGEMAN-AGUIAR, INC. ; 9-23-97 5:56PM ; FAX NO. 4089461 ; 5102841664 ; 510 5773295; # 8 P. 04  
 SEP-19-97 FRI 12:33 PRIORITY LABS



SEP-23-97 TUE 9:36

PRIORITY LABS

FAX NO. 4089408

11.00



# PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

September 22, 1997

PEL # 9709030

HAGEMAN - AGUIAR, INC.

Attn: Randal Wilson

Re: One soil sample for Cadmium, Chromium, Lead, Nickel, and Zinc analyses.

Project name: Quality - San Leandro

Date sampled: Sep 16, 1997

Date submitted: Sep 16, 1997

Date extracted: Sep 18-22, 1997

Date analyzed: Sep 18-22, 1997

**RESULTS:**

SAMPLE I.D.	Cadmium (mg/Kg)	Chromium (mg/Kg)	Lead (mg/Kg)	Nickel (mg/Kg)	Zinc (mg/Kg)
W,O-Bottom	1.3	N.D.	3.1	61	10
Blank	N.D.	N.D.	N.D.	N.D.	N.D.
Detection limit	0.50	1.0	0.50	1.0	1.0
Method of Analysis	7130	7190	7420	7520	7950

  
 David Duong  
 Laboratory Director



# PRIVITY ENVIRONMENTAL LABS

Chain of Custody

1764 Houret Ct. Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

DATE: 09/16/97 PAGE: 1 of 1

PROJECT INFO:				ANALYSIS REPORT											
COMPANY: <i>Hageman - Aguiar</i> ADDRESS: _____ PHONE: _____ SIGNATURE: <i>Ronald Wilson</i>				TPH - Gasoline (EPA 5030.8015)	TPH - Gasoline (5030.8015) + BTX (EPA 602.8020)	TPH - Diesel (EPA 3510/3350.8015)	PURGEABLE AROMATICS BTX (EPA 602.8020)	TOTAL OIL & GREASE (EPA 9520 C.D.7)	PESTICIDES/PCB (EPA 808.9080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	CHLORINATED HYDROCARBONS (EPA 801.8010)	TEPH Motor Oil	PCL	Sedimentals	PEL # 9709030 INV # 27930
SAMPLE ID	DATE	TIME	MATRIX												
W.O. - BOTTOM	09/16/97	13:01	Soil								X	X	X	X	1
<i>Rec. R.O. Wilson 9/16/97 10:45</i>															

PROJECT INFORMATION		SAMPLE RECEIPT		RELINQUISHED BY:		RECEIVED BY:		RELINQUISHED BY:		RECEIVED BY:	
PROJECT NAME: <i>Quality - San Leandro</i>	TOTAL # OF CONTAINERS <i>1</i>	PROJECT NUMBER:	RECD. GOOD COND./COLD	SIGNATURE: <i>Ronald Wilson</i>	DATE: <i>09/16/97</i>	SIGNATURE: <i>DAVID QUAD</i>	DATE: <i>09/16/97</i>	SIGNATURE:	DATE:	SIGNATURE:	DATE:
INSTRUCTIONS & COMMENTS:				COMPANY: <i>Hageman - Aguiar</i>	TIME: <i>16:16</i>	COMPANY: <i>PEL</i>	TIME: <i>16:16 PM</i>	COMPANY:	TIME:	COMPANY:	TIME:

SENT BY: HAGEMAN-AGUIAR, INC. ; 9-23-97 5:59PM ; 5102841664 ; 510 5773295; #13



# PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

September 22, 1997

PEL # 9709032

HAGEMAN - AGUIAR, INC.

Attn: Randal Wilson

Re: One composited soil sample for Cadmium, Chromium, Lead, Nickel, and Zinc analyses.

Project name: Quality - San Leandro

Date sampled: Sep 15, 1997

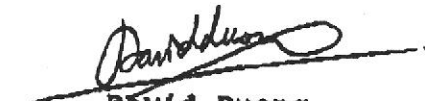
Date submitted: Sep 16, 1997

Date extracted: Sep 18-22, 1997.

Date analyzed: Sep 18-22, 1997

**RESULTS:**

SAMPLE I.D.	Cadmium (mg/Kg)	Chromium (mg/Kg)	Lead (mg/Kg)	Nickel (mg/Kg)	Zinc (mg/Kg)
W,O-A&B	2.0	2.5	4.8	110	18
Blank	N.D.	N.D.	N.D.	N.D.	N.D.
Detection limit	0.50	1.0	0.50	1.0	1.0
Method of Analysis	7130	7190	7420	7520	7950

  
David Duong  
Laboratory Director



# PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

September 22, 1997

PEL # 9709032

HAGEMAN - AGUIAR, INC.

Attn: Randal Wilson

Project name: Quality-San Leandro  
Sample I.D.: W.O- A&B\*

Date Sampled: Sep 15, 1997  
Date Analyzed: Sep 18-19, 1997

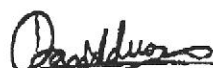
Date Submitted: Sep 16, 1997

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION ( ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	-----
Methylene Chloride	N.D.	91.7
1,2-Dichloroethene (TOTAL)	N.D.	83.2
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	-----
1,1,1-Trichloroethane	N.D.	89.9
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	102.8
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	81.6
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	105.3
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	-----

\*Composited soil sample.

  
David Duong  
Laboratory Director

# PRIORITY ENVIRONMENTAL LABS

Chain of Custody

1764 Houret Ct. Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

DATE: 09/15/97 PAGE: 1 OF 1

PROJECT INFO:				ANALYSIS REPORT											
COMPANY: <u>Hegeman - Aguir</u>															
ADDRESS:															
PHONE:															
SIGNATURE: <u>Ronald Williams</u>															
SAMPLE ID	DATE	TIME	MATRIX	PH-Gesdine (EPA 50.50.8015)	PH-Casoline (50.30.8015) w/RTX (EPA 802.8020)	PH-Diesel (EPA 3510/3550.8015)	PURGEABLE AROMATICS BTEX (EPA 802.8020)	TOTAL OIL & GREASE (EPA 3520 C.O.M.)	PESTICIDES/PAH (EPA 802.8020)	TOTAL RECOVERABLE HYDROCARBONS (EPA 18.1)	CHLORINATED HYDROCARBONS (EPA 801.8010)	TEPH METAL OIL	5 Metals	NUMBER OF CONTAINERS	
W.O.-A	09/15/97	16:20	soil						X	X	X	X	X	Composite to 1 sample please	1
W.O.-B	09/15/97	16:20	soil						X	X	X	X	X		1
Rec'd Mr. Williams 9/18/97 10:45															

PROJECT INFORMATION		SAMPLE RECEIPT		RELINQUISHED BY:		RECEIVED BY:		RELINQUISHED BY:		RECEIVED BY:	
PROJECT NAME: <u>Quality San Leandro</u>	TOTAL # OF CONTAINERS <u>2</u>	RECD. GOOD CONT. / COLD		SIGNATURE: <u>Ronald Williams</u>	DATE: <u>09/16/97</u>	SIGNATURE: <u>DAVID SUAREZ</u>	DATE: <u>09/16/97</u>	SIGNATURE:	DATE:	SIGNATURE:	DATE:
INSTRUCTIONS & COMMENTS:				COMPANY: <u>PEL</u>	TIME: <u>16:26</u>	COMPANY: <u>PEL</u>	TIME: <u>16:26</u>	COMPANY:	TIME:	COMPANY:	TIME:

SENT BY: HEGEMAN-AGUIR, INC. : 9-23-97 5:52PM : FAX NO. 4089469633  
 SEP-19-97 FRI 12:35 PRIORITY LABS 51028416649 510 5773295: # 3 P. 06



Underground Contamination Investigations, Groundwater Consultants, Environmental Engineering

# FAX COVER SHEET

DATE: 9-24-97 TIME: 5:10 <sup>PM</sup>

TO: MIKE BARALDIN / KARL BUSCHE  
COMPANY: CITY OF SAN LEANDRO FIRE DEPT  
PHONE: \_\_\_\_\_  
FAX: (510) 577-3295

FROM: BRUCE HAGEMAN

RE: QUALITY TUNE-UP

CC: \_\_\_\_\_

Number of pages including cover sheet: 15 17

Message: \_\_\_\_\_  
PLS CALL WITH ANY QUESTIONS  
Bruce  
\_\_\_\_\_  
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