



SAMPLE LOG# \_\_\_\_\_

DATE/TIME: 12/23, 1100

CHANGE ORDER FORM

COMPANY: Ramon PROJECT#/NAME: \_\_\_\_\_

ORDER REQUESTED BY: Bill Goodin TAKEN BY: [Signature]

SAMPLE#	CHANGE REQUESTED	TAT (if different)
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	<u>Change to 48hr Due Monday</u>	<u>0800</u>
	<u>change accordingly.</u>	

<u>PIA is PF1</u>	<u>PIF-C is PF3</u>
<u>PIF-B is PF2</u>	<u>PIF-D is PF4</u>

REMARKS:

BGD 8010 Monday 0800 in Milton  
Out G, Metals Tuesday PM per Swan, Michelle  
PEB - Wed PM per Swan  
8270 Thurs. per Jerril

Chris @ Nest is confirming 48hr with SWAN Hugo @ County Health 510-271-4320.

12/23/03 1230

Rvn Diesel @ WPPM.

FAXED TO CLIENT

Date/Time: \_\_\_\_\_ Int: \_\_\_\_\_

COMPUTER UPDATE SECTION

	COMPUTER #1 Date / Int.	COMPUTER #2 Date / Int.	COMPUTER #3 Date / Int.
Updated:	_____	_____	_____
Screen reprinted:	_____	_____	_____
Query taken:	_____	_____	_____

AUTHORIZATION SECTION

Instructions: Please sign the authorization statement below & fax to: WEST Labs., Attn: SAMPLE CONTROL Fax# (916) 753-6091

This signature authorizes the above changes to the original chain of custody.

Signature	Print Name	Date & Time
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Sample Log 8211

8211-1

Sample: PF1

From : Project # 649001 (PG&E)

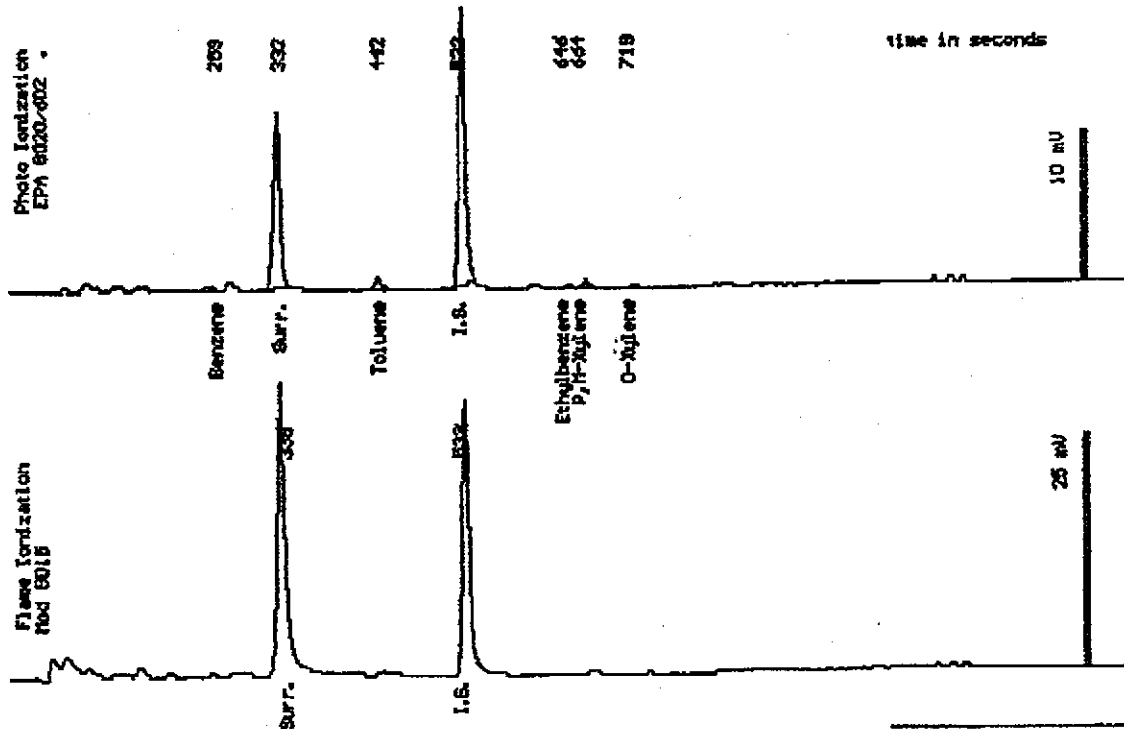
Sampled : 12/22/93

Dilution : 1:1

Matrix : Soil

QC Batch : 6075C

Parameter	(MRL) <small>ug/kg</small>	Measured Value <small>ug/kg</small>
Benzene	(.0050)	<.0050
Toluene	(.0050)	<.0050
Ethylbenzene	(.0050)	<.0050
Total Xylenes	(.0050)	<.0050
TPH as Gasoline	(.50)	<.50
Surrogate Recovery		100 %



Date Analyzed: 12-28-83  
Column : 0.53mm ID X 30m DB5 (J&H Scientific)

Mitra Sarkhosh  
Senior Chemist



Sample Log 8211

8211-1

Sample: PF1

From : Project # 649001 (PG&E)

Sampled : 12/22/93

Extracted: 12/23/93

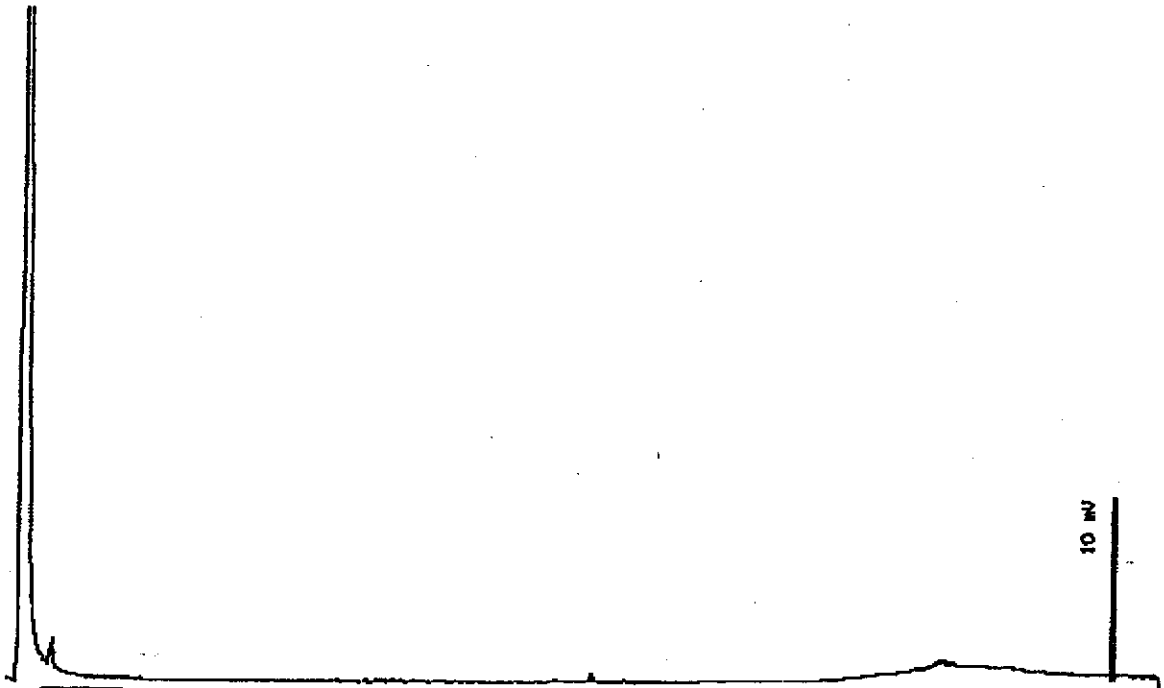
Dilution : 1:1

Matrix : Soil

QC Batch : DS931210

Run Log : 8142A

Parameter	(MDL) <small>mg/kg</small>	Measured Value <small>mg/kg</small>
TPH as Diesel	(10)	<10
TPH as Motor Oil	(10)	<10



EPA Mod 8015

Date: 12-23-93 Time: 20:15:45  
Column : 0.53mm ID x 100 DB1 (J&H Scientific)

*Stewart J. Podolsky* / For  
Stewart Podolsky  
Senior Chemist



December 25, 1993

Sample Log 8211

8211-1

Sample: PF1

From : Project # 649001 (PG&E)

Sampled : 12/22/93

Matrix : Soil

Received : 12/22/93

Analyzed : 12/23/93

8010 - Halogenated Volatile Organics

Parameter	(MRL) <small>mg/kg</small>	Measured Value <small>mg/kg</small>	Flag
Chloromethane	(.005)	<.005	
Chloroethane	(0.01)	<0.01	
Vinyl Chloride	(.005)	<.005	
Bromomethane	(0.01)	<0.01	
Trichlorofluoromethane	(.005)	<.005	
1,1-Dichloroethene	(.005)	<.005	
Dichloromethane	(.005)	<.005	
t-1,2-Dichloroethene	(.005)	<.005	
1,1-Dichloroethane	(.005)	<.005	
Chloroform	(.005)	<.005	
1,1,1-Trichloroethane	(.005)	<.005	
1,2-Dichloroethane	(.005)	<.005	
Carbon Tetrachloride	(.005)	<.005	
1,2-Dichloropropane	(.005)	<.005	
Trichloroethene	(.005)	<.005	
Bromodichloromethane	(.005)	<.005	
c-1,2-Dichloroethene	(.005)	<.005	
c-1,3-Dichloropropene	(.005)	<.005	
t-1,3-Dichloropropene	(.005)	<.005	
1,1,2-Trichloroethane	(.005)	<.005	
Tetrachloroethene	(.005)	<.005	
Dibromochloromethane	(.005)	<.005	
Chlorobenzene	(.005)	<.005	
Bromoform	(.005)	<.005	
1,1,2,2-Tetrachloroethane	(.005)	<.005	
1,4-Dichlorobenzene	(.005)	<.005	
1,3-Dichlorobenzene	(.005)	<.005	
1,2-Dichlorobenzene	(.005)	<.005	
2-Chlorotoluene (Surrogate)		72	*

*Joel Rigg*  
Joel Rigg  
Senior Chemist



Sample Log 8211

8211-2

Sample: PF2

From : Project # 649001 (PG&E)

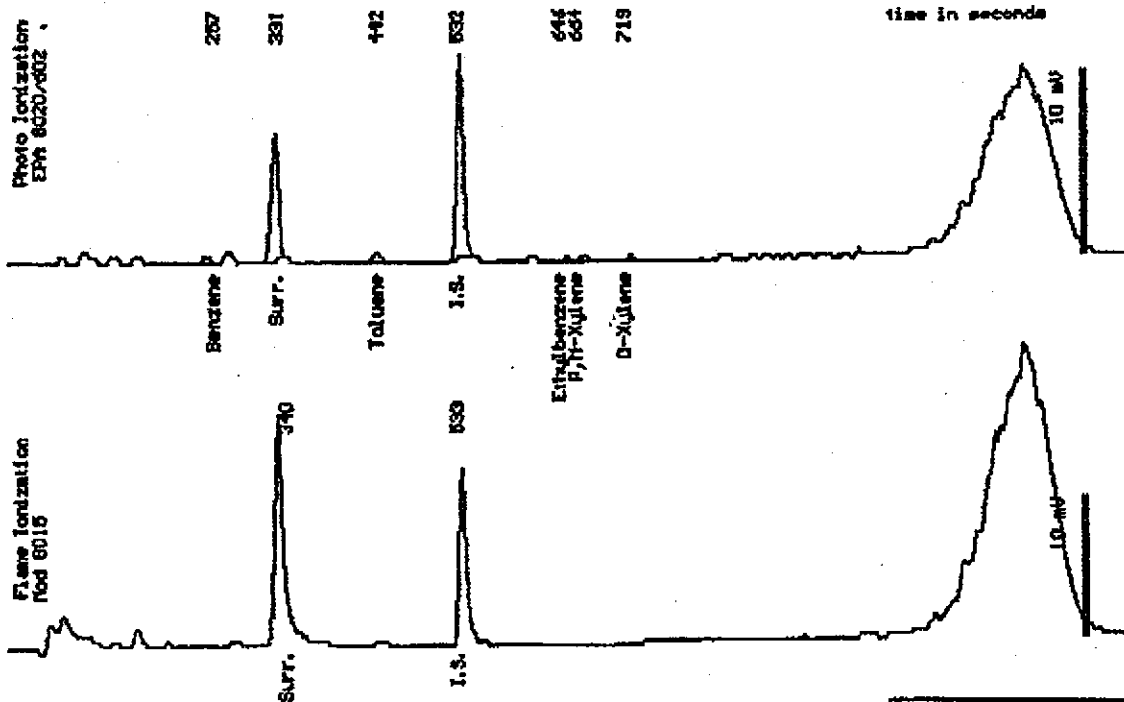
Sampled : 12/22/93

Dilution : 1:1

Matrix : Soil

QC Batch : 6075C

Parameter	(MRL) <small>mg/kg</small>	Measured Value <small>mg/kg</small>
Benzene	(.0050)	<.0050
Toluene	(.0050)	<.0050
Ethylbenzene	(.0050)	<.0050
Total Xylenes	(.0050)	<.0050
TPH as Gasoline	(.50)	.97
Surrogate Recovery		111 %



Date Analyzed: 12-25-93  
Column : 0.53mm ID X 30m DB5 (J&H Scientific)

Nitza Sarkhosh  
Senior Chemist



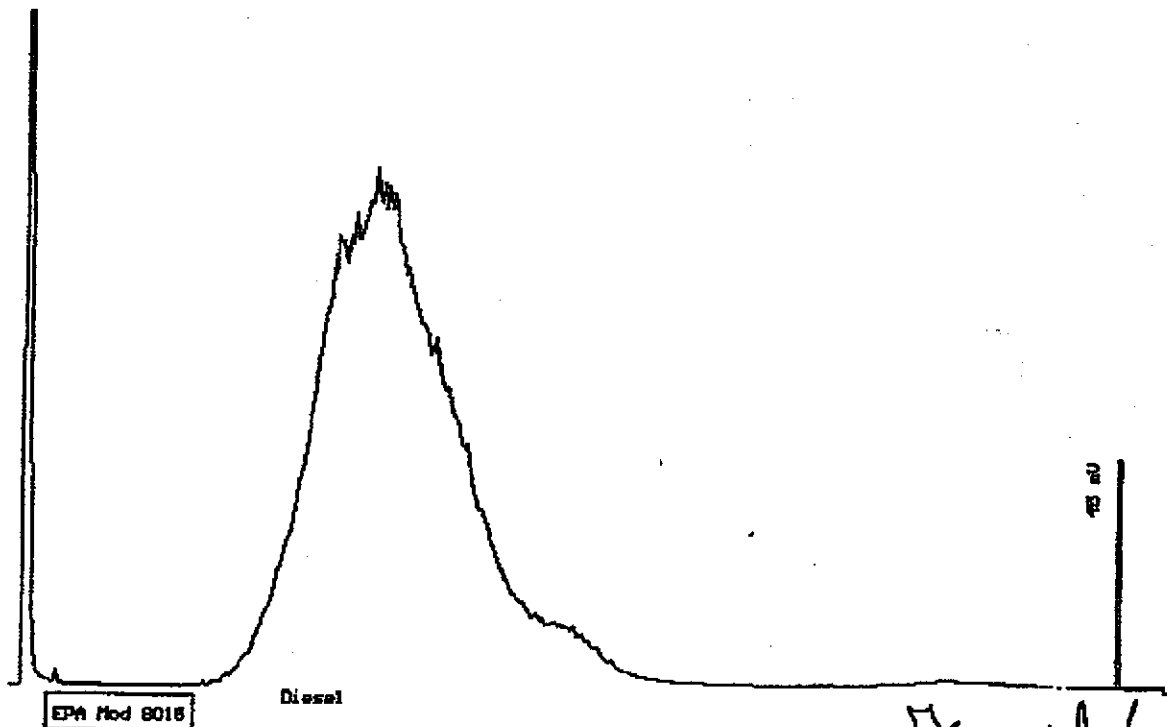
Sample Log 8211  
8211-2

Sample: PF2

From : Project # 649001 (PG&E)  
Sampled : 12/22/93  
Extracted: 12/23/93  
Dilution : 1:5  
Matrix : Soil

QC Batch : DS931210  
Run Log : 8142A

Parameter	(MDL) <small>mg/kg</small>	Measured Value <small>mg/kg</small>
TPH as Diesel	(50)	2600
TPH as Motor Oil	(50)	<50



Date: 12-23-93 Time: 21:55:44  
Column : 0.53mm ID X 15m DB1 (J&H Scientific)

*Stewart Podolski* / For  
Stewart Podolski  
Senior Chemist



December 28, 1993

Sample Log 8211

8211-2

Sample: PF2

From : Project # 649001 (PG&E)

Sampled : 12/22/93

Matrix : Soil

Received : 12/22/93

Analyzed : 12/23/93

8010 - Halogenated Volatile Organics

Parameter	(MRL) <small>mg/kg</small>	Measured Value <small>mg/kg</small>	Flag
Chloromethane	(.005)	<.005	
Chloroethane	(0.01)	<0.01	
Vinyl Chloride	(.005)	<.005	
Bromomethane	(0.01)	<0.01	
Trichlorofluoromethane	(.005)	<.005	
1,1-Dichloroethene	(.005)	<.005	
Dichloromethane	(.005)	<.005	
t-1,2-Dichloroethene	(.005)	<.005	
1,1-Dichloroethane	(.005)	<.005	
Chloroform	(.005)	<.005	
1,1,1-Trichloroethane	(.005)	<.005	
1,2-Dichloroethane	(.005)	<.005	
Carbon Tetrachloride	(.005)	<.005	
1,2-Dichloropropane	(.005)	<.005	
Trichloroethene	(.005)	<.005	
Bromodichloromethane	(.005)	<.005	
c-1,2-Dichloroethene	(.005)	<.005	
c-1,3-Dichloropropene	(.005)	<.005	
t-1,3-Dichloropropene	(.005)	<.005	
1,1,2-Trichloroethane	(.005)	<.005	
Tetrachloroethene	(.005)	<.005	
Dibromochloromethane	(.005)	<.005	
Chlorobenzene	(.005)	<.005	
Bromoform	(.005)	<.005	
1,1,2,2-Tetrachloroethane	(.005)	<.005	
1,4-Dichlorobenzene	(.005)	<.005	
1,3-Dichlorobenzene	(.005)	<.005	
1,2-Dichlorobenzene	(.005)	<.005	

2-Chlorotoluene (Surrogate)

35 % \*

\* 2-Chlorotoluene recovery is usually low when the sample contains petroleum hydrocarbons. Bromochloromethane, the internal standard compound, recovered at 86% of normal, indicating that the petroleum interference does not apply to all compounds.

  
Joel Kiff  
Senior Chemist



Sample Log 8211  
8211-3

Sample: PF3

From : Project # 649001 (PG&E)

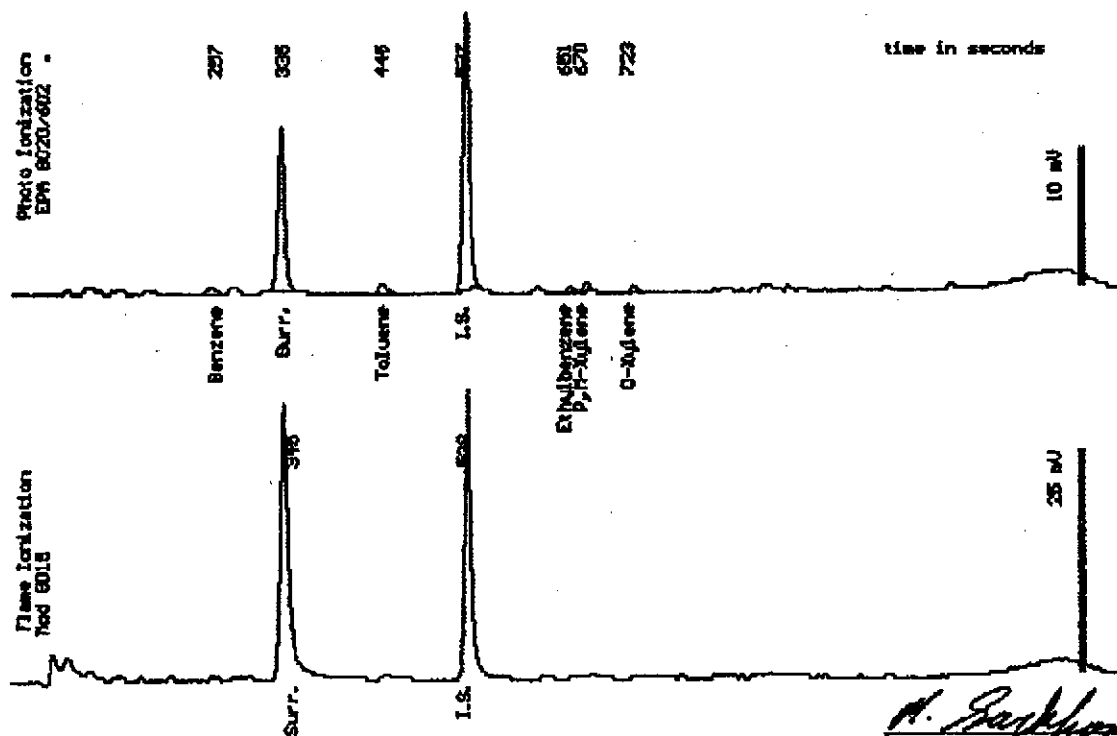
Sampled : 12/22/93

Dilution : 1:1

QC Batch : 6075b

Matrix : Soil

Parameter	(MRL) $\mu\text{g}/\text{kg}$	Measured Value $\mu\text{g}/\text{kg}$
Benzene	(.0050)	<.0050
Toluene	(.0050)	<.0050
Ethylbenzene	(.0050)	<.0050
Total Xylenes	(.0050)	<.0050
TPH as Gasoline	(.50)	<.50
Surrogate Recovery		101 %



Date analyzed: 12-23-93  
Column : 0.53mm 10 X 30m DB6 (J&H Scientific)

*A. Sarkhosh*  
Atre Sarkhosh  
Senior Chemist





Sample Log 8211

8211-2

Sample: PF3

From : Project # 649001 (PG&E)

Sampled : 12/22/93

Extracted: 12/23/93

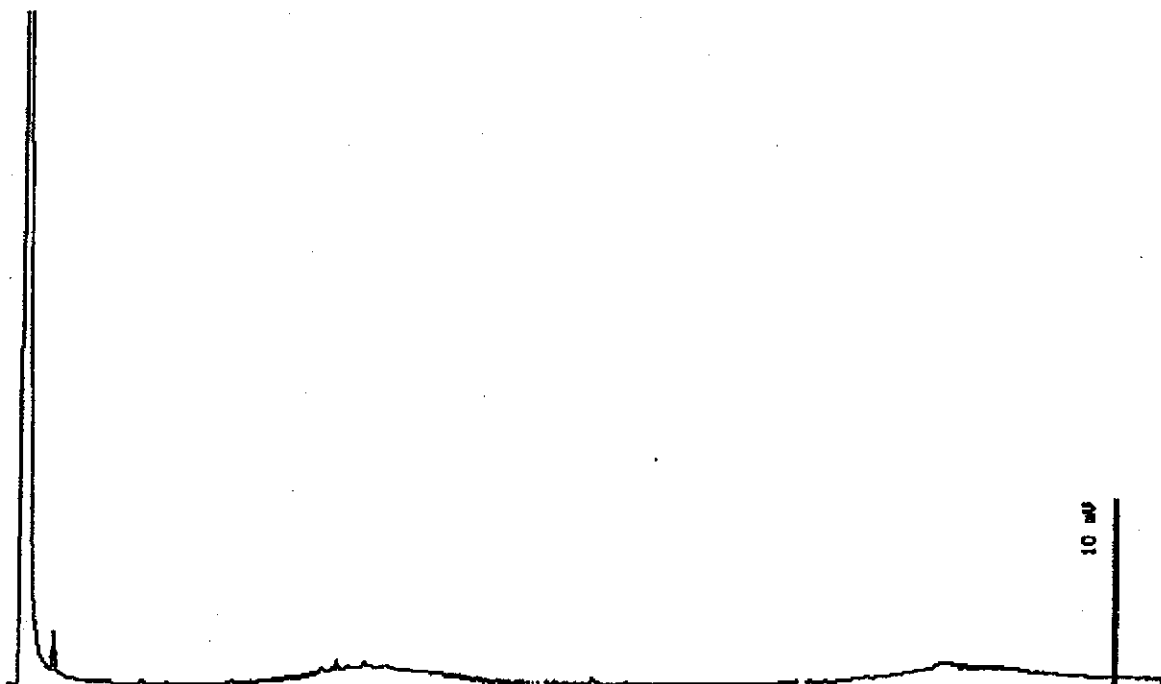
Dilution : 1:1

Matrix : Soil

QC Batch : DS931210

Run Log : 8142A

Parameter	(MDL) <small>ug/kg</small>	Measured Value <small>ug/kg</small>
TPH as Diesel	(10)	<10
TPH as Motor Oil	(10)	<10



EPA Mod 8015

Date: 12-23-93 Time: 22:28:56  
Column : 0.52mm ID X 15m DB1 (J&H Scientific)

*Stewart J. Podolsky*  
Stewart Podolsky  
Senior Chemist



December 25, 1993  
Sample Log 8211  
8211-1

Sample: PF3

From : Project # 649001 (PG&E)  
Sampled : 12/22/93  
Matrix : Soil

Received : 12/22/93  
Analyzed : 12/23/93

8010 - Halogenated Volatile Organics

Parameter	(MRL) $\mu\text{g}/\text{kg}$	Measured Value $\mu\text{g}/\text{kg}$	Flag
Chloromethane	(.005)	<.005	
Chloroethane	(0.01)	<0.01	
Vinyl Chloride	(.005)	<.005	
Bromomethane	(0.01)	<0.01	
Trichlorofluoromethane	(.005)	<.005	
1,1-Dichloroethene	(.005)	<.005	
Dichloromethane	(.005)	<.005	
t-1,2-Dichloroethene	(.005)	<.005	
1,1-Dichloroethane	(.005)	<.005	
Chloroform	(.005)	<.005	
1,1,1-Trichloroethane	(.005)	<.005	
1,2-Dichloroethane	(.005)	<.005	
Carbon Tetrachloride	(.005)	<.005	
1,2-Dichloropropane	(.005)	<.005	
Trichloroethene	(.005)	<.005	
Bromodichloromethane	(.005)	<.005	
c-1,2-Dichloroethene	(.005)	<.005	
c-1,3-Dichloropropene	(.005)	<.005	
t-1,3-Dichloropropene	(.005)	<.005	
1,1,2-Trichloroethane	(.005)	<.005	
Tetrachloroethene	(.005)	<.005	
Dibromochloromethane	(.005)	<.005	
Chlorobenzene	(.005)	<.005	
Bromoform	(.005)	<.005	
1,1,2,2-Tetrachloroethane	(.005)	<.005	
1,4-Dichlorobenzene	(.005)	<.005	
1,3-Dichlorobenzene	(.005)	<.005	
1,2-Dichlorobenzene	(.005)	<.005	
2-Chlorotoluene (Surrogate)		82	‡

*Joel Kitz*  
Joel Kitz  
Senior Chemist



Sample Log 8211  
8211-4

Sample: PF4

From : Project # 649001 (PG&E)

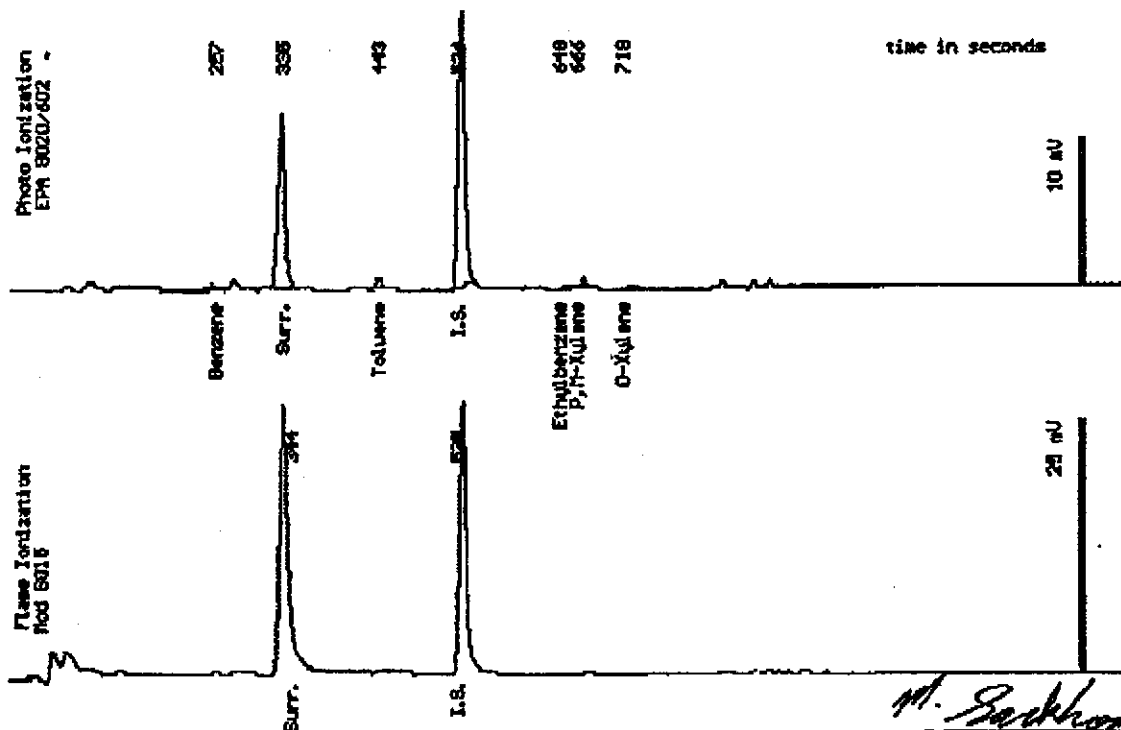
Sampled : 12/22/93

Dilution : 1:1

Matrix : Soil

QC Batch : 6075b

Parameter	(MRL) <small>mg/kg</small>	Measured Value <small>mg/kg</small>
Benzene	(.0050)	<.0050
Toluene	(.0050)	<.0050
Ethylbenzene	(.0050)	<.0050
Total Xylenes	(.0050)	<.0050
TPH as Gasoline	(.50)	<.50
Surrogate Recovery		101 %



Date Analyzed: 12-23-93  
Column: 0.53mm ID X 30m DB5 (J&W Scientific)

*M. Serkheh*  
Mitra Serkheh  
Senior Chemist



Sample Log 8211

8211-4

Sample: PF4

From : Project # 649001 (PG&E)

Sampled : 12/22/93

Extracted: 12/23/93

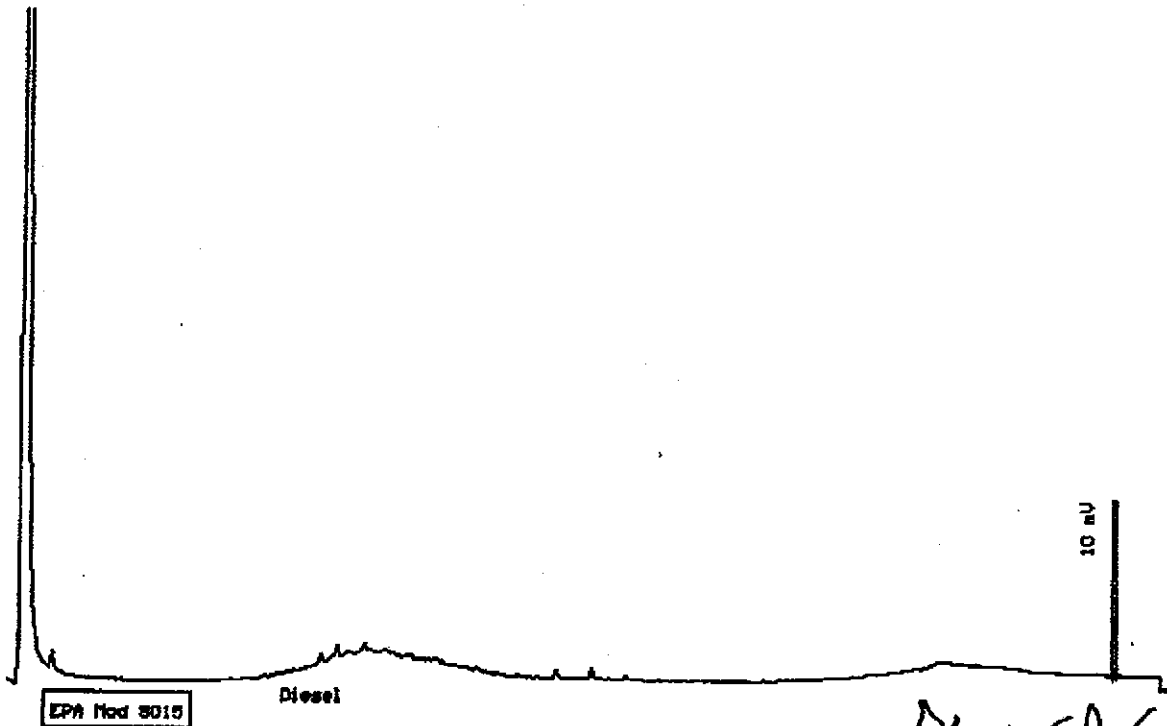
Dilution : 1:1

Matrix : Soil

QC Batch : DS931210

Run Log : 8142A

Parameter	(MDL) <small>mg/kg</small>	Measured Value <small>mg/kg</small>
TPH as Diesel	(10)	10
TPH as Motor Oil	(10)	<10



EPA Mod 8015

Diesel

Date: 12-23-93 Time: 23:01:45  
Column : 0.53mm ID X 15m DB1 (J&M Scientific)

*Stewart Podolsky* / For  
Stewart Podolsky  
Senior Chemist



December 25, 1993  
Sample Log 8211  
8211-4

Sample: PF4

From : Project # 649001 (PG&E)  
Sampled : 12/22/93  
Matrix : Soil

Received : 12/22/93  
Analyzed : 12/23/93

8010 - Halogenated Volatile Organics

Parameter	(MRL) <small>mg/kg</small>	Measured Value <small>mg/kg</small>	Flag
Chloromethane	(.005)	<.005	
Chloroethane	(0.01)	<0.01	
Vinyl Chloride	(.005)	<.005	
Bromomethane	(0.01)	<0.01	
Trichlorofluoromethane	(.005)	<.005	
1,1-Dichloroethene	(.005)	<.005	
Dichloromethane	(.005)	<.005	
t-1,2-Dichloroethene	(.005)	<.005	
1,1-Dichloroethane	(.005)	<.005	
Chloroform	(.005)	<.005	
1,1,1-Trichloroethane	(.005)	<.005	
1,2-Dichloroethane	(.005)	<.005	
Carbon Tetrachloride	(.005)	<.005	
1,2-Dichloropropane	(.005)	<.005	
Trichloroethene	(.005)	<.005	
Bromodichloromethane	(.005)	<.005	
c-1,2-Dichloroethene	(.005)	<.005	
c-1,3-Dichloropropene	(.005)	<.005	
t-1,3-Dichloropropene	(.005)	<.005	
1,1,2-Trichloroethane	(.005)	<.005	
Tetrachloroethene	(.005)	<.005	
Dibromochloromethane	(.005)	<.005	
Chlorobenzene	(.005)	<.005	
Bromoform	(.005)	<.005	
1,1,2,2-Tetrachloroethane	(.005)	<.005	
1,4-Dichlorobenzene	(.005)	<.005	
1,3-Dichlorobenzene	(.005)	<.005	
1,2-Dichlorobenzene	(.005)	<.005	
2-Chlorotoluene (Surrogate)		72	§

*Joel Ruff*  
Joel Ruff  
Senior Chemist



Sample Log 8211

8211-3

Sample: STK1-A-D

From : Project # 649001 (PG&E)

Sampled : 12/22/93

Dilution : 1:1

Matrix : Soil

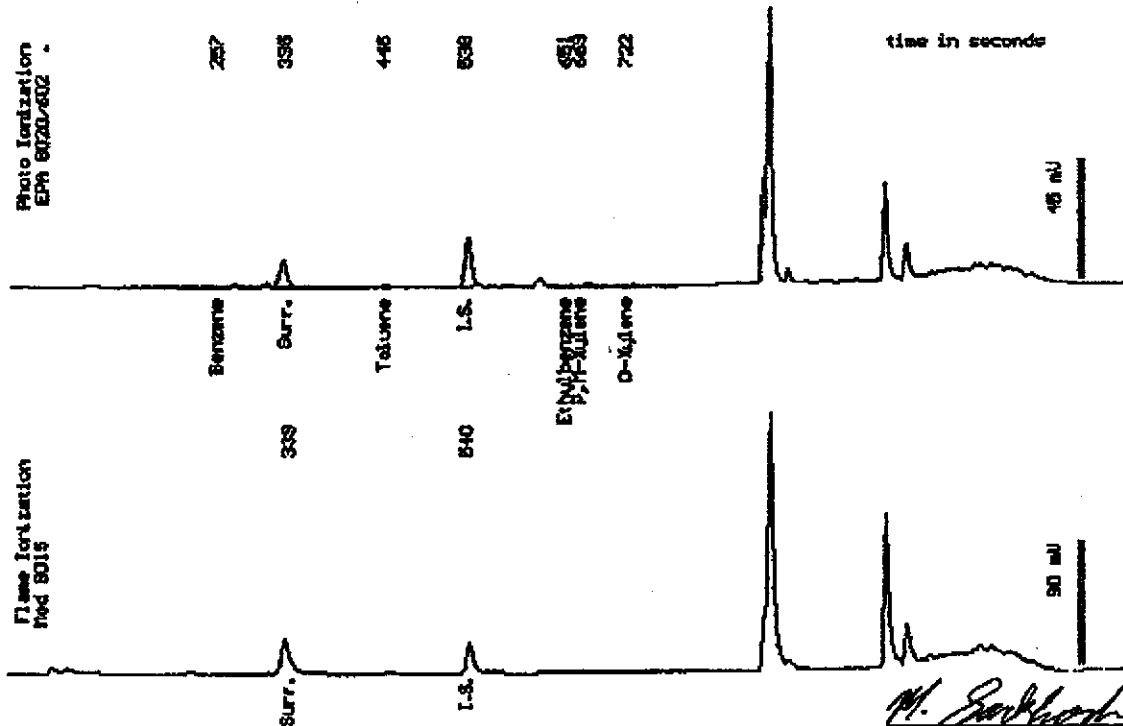
QC Batch : 6075b

Parameter	(MRL) <sub>ug/kg</sub>	Measured Value <sub>ug/kg</sub>
Benzene	(.0050)	<.0050
Toluene	(.0050)	<.0050
Ethylbenzene	(.0050)	<.0050
Total Xylenes	(.0050)	<.0050
TPH as Gasoline	(.50)	1.8 *

Surrogate Recovery

100 %

\* Product is not typical gasoline.



Date Analyzed: 12-24-93  
Column : 0.53mm ID X 30m DB5 (J&W Scientific)

*M. Sarkhosh*

Mitra Sarkhosh  
Senior Chemist



Sample Log 8211

8211-8

Sample: STK1-A-D

From : Project # 649001 (PG&E)

Sampled : 12/22/93

Extracted: 12/23/93

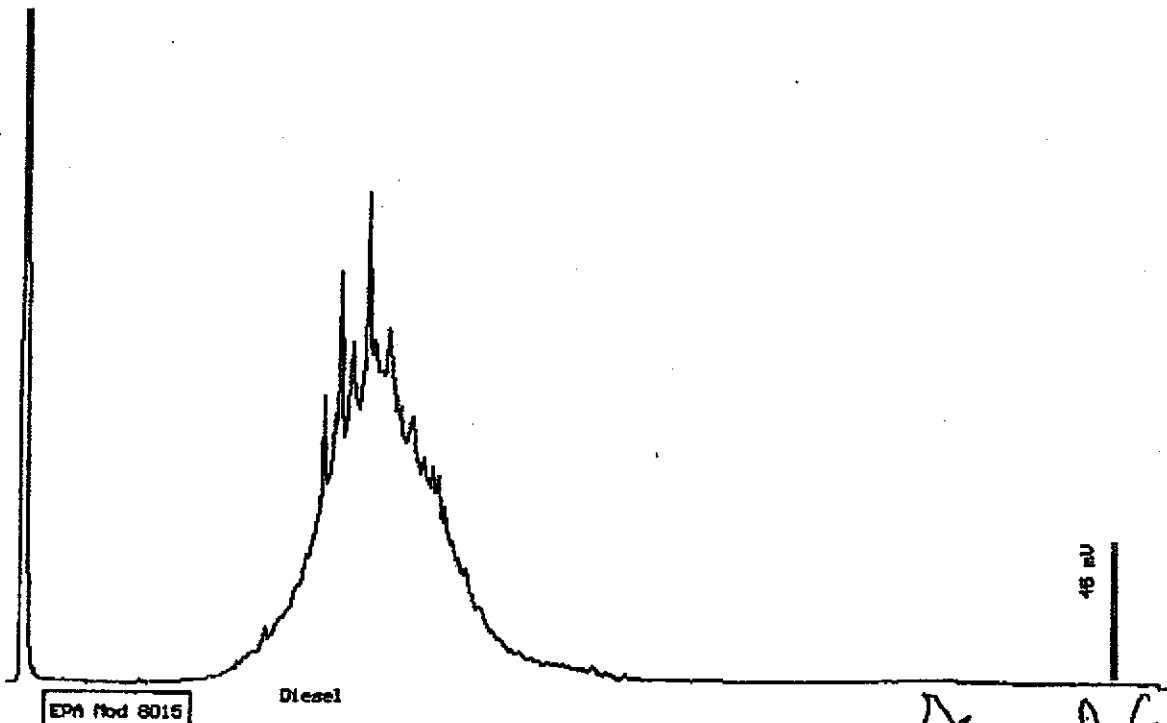
Dilution : 1:1

Matrix : Soil

QC Batch : DS931210

Run Log : 8142A

Parameter	(MDL) <small>mg/kg</small>	Measured Value <small>mg/kg</small>
TPH as Diesel	(10)	500
TPH as Motor Oil	(10)	<10



Date: 12-23-93 Time: 23:34:53  
Column : 0.53mm ID X 15m DB1 (J&H Scientific)

*Stewart Podolsky*  
Stewart Podolsky  
Senior Chemist



December 28, 1993  
Sample Log 8211  
8211-8


Sample: STR1-A-D

From : Project # 649001 (PG&E)  
Sampled : 12/22/93  
Matrix : Soil

Received : 12/22/93  
Analyzed : 12/23/93

8010 - Halogenated Volatile Organics

Parameter	(MRL) <small>mg/kg</small>	Measured Value <small>mg/kg</small>	Flag
Chloromethane	(.005)	<.005	
Chloroethane	(0.01)	<0.01	
Vinyl Chloride	(.005)	<.005	
Bromomethane	(0.01)	<0.01	
Trichlorofluoromethane	(.005)	<.005	
1,1-Dichloroethene	(.005)	<.005	
Dichloromethane	(.005)	<.005	
t-1,2-Dichloroethene	(.005)	<.005	
1,1-Dichloroethane	(.005)	<.005	
Chloroform	(.005)	<.005	
1,1,1-Trichloroethane	(.005)	<.005	
1,2-Dichloroethane	(.005)	<.005	
Carbon Tetrachloride	(.005)	<.005	
1,2-Dichloropropane	(.005)	<.005	
Trichloroethene	(.005)	<.005	
Bromodichloromethane	(.005)	<.005	
c-1,2-Dichloroethene	(.005)	<.005	
c-1,3-Dichloropropene	(.005)	<.005	
t-1,3-Dichloropropene	(.005)	<.005	
1,1,2-Trichloroethane	(.005)	<.005	
Tetrachloroethene	(.005)	<.005	
Dibromochloromethane	(.005)	<.005	
Chlorobenzene	(.005)	<.005	
Bromoform	(.005)	<.005	
1,1,2,2-Tetrachloroethane	(.005)	<.005	
1,4-Dichlorobenzene	(.005)	.19	
1,3-Dichlorobenzene	(.005)	.059	
1,2-Dichlorobenzene	(.005)	.0050	
2-Chlorotoluene (Surrogate)		72	*

  
John Hill  
Senior Chemist





Sample Log 8211  
8211-6

Sample: STK1-E-H

From : Project # 649001 (PG&E)

Sampled : 12/22/93

Dilution : 1:1

QC Batch : 6075b

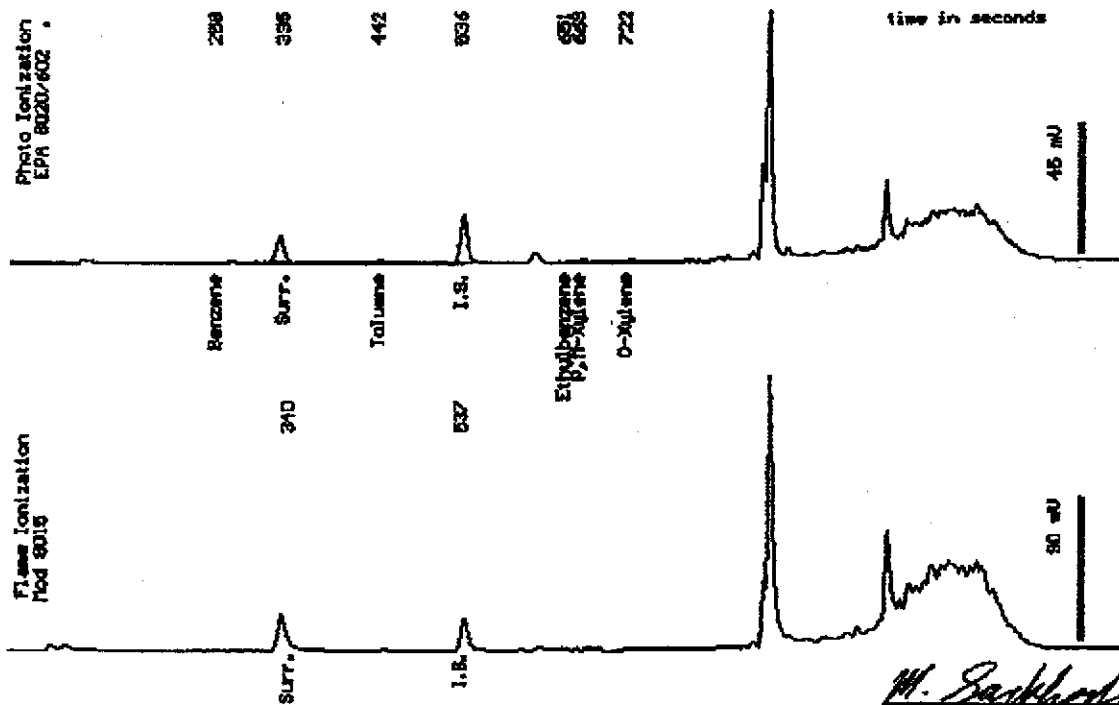
Matrix : Soil

Parameter	(MRL) $\mu\text{g}/\text{kg}$	Measured Value $\mu\text{g}/\text{kg}$
Benzene	(.0050)	<.0050
Toluene	(.0050)	<.0050
Ethylbenzene	(.0050)	<.0050
Total Xylenes	(.0050)	<.0050
TPH as Gasoline	(.50)	3.3 *

Surrogate Recovery

102 %

\* Product is not typical gasoline.



Date Analyzed: 12-24-93  
Column: 0.83mm ID X 30m DB5 (J&H Scientific)

*M. Sarkhosh*  
Nitra Sarkhosh  
Senior Chemist



Sample Log 8211

8211-6

Sample: STK1-E-H

From : Project # 649001 (PG&E)

Sampled : 12/22/93

Extracted: 12/23/93

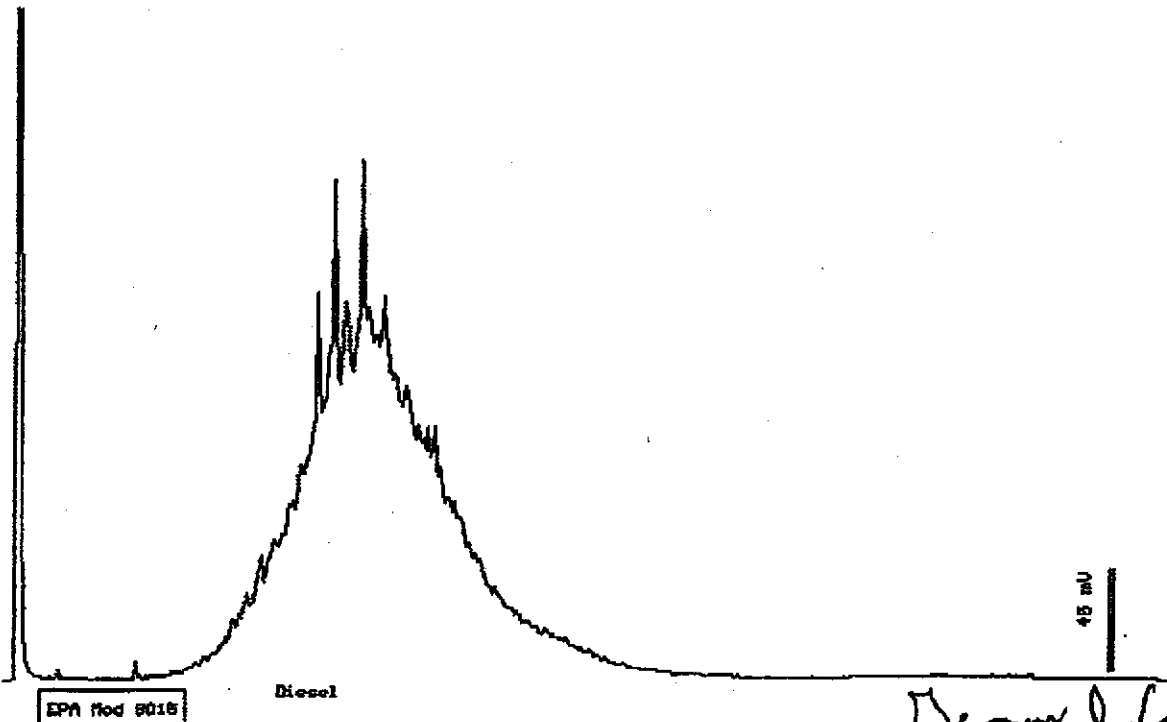
Dilution : 1:1

Matrix : Soil

QC Batch : DS931210

Run Log : 8142A

Parameter	(MDL) <small>mg/kg</small>	Measured Value <small>mg/kg</small>
TPH as Diesel	(10)	920
TPH as Motor Oil	(10)	<10



Date: 12-24-93 Time: 00:07:47  
Column : 0.53mm ID X 15m DB1 (J&W Scientific)

*Stewart Podolski* / For  
Stewart Podolski  
Senior Chemist



December 28, 1993

Sample Log 8211

8211-6

Sample: STK1-E-H

From : Project # 649001 (PG&E)

Sampled : 12/22/93

Matrix : Soil

Received : 12/22/93

Analyzed : 12/25/93

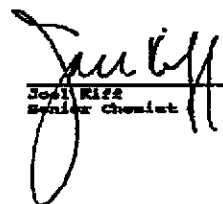
8010 - Halogenated Volatile Organics

Parameter	(MRL) <sub>mg/kg</sub>	Measured Value <sub>mg/kg</sub>	Flag
Chloromethane	(.005)	<.005	
Chloroethane	(0.01)	<0.01	
Vinyl Chloride	(.005)	<.005	
Bromomethane	(0.01)	<0.01	
Trichlorofluoromethane	(.005)	<.005	
1,1-Dichloroethane	(.005)	<.005	
Dichloromethane	(.005)	<.005	
t-1,2-Dichloroethene	(.005)	<.005	
1,1-Dichloroethane	(.005)	<.005	
Chloroform	(.005)	<.005	
1,1,1-Trichloroethane	(.005)	<.005	
1,2-Dichloroethane	(.005)	<.005	
Carbon Tetrachloride	(.005)	<.005	
1,2-Dichloropropane	(.005)	<.005	
Trichloroethene	(.005)	<.005	
Bromodichloromethane	(.005)	<.005	
c-1,2-Dichloroethene	(.005)	<.005	
c-1,3-Dichloropropene	(.005)	<.005	
t-1,3-Dichloropropene	(.005)	<.005	
1,1,2-Trichloroethane	(.005)	<.005	
Tetrachloroethene	(.005)	<.005	
Dibromochloromethane	(.005)	<.005	
Chlorobenzene	(.005)	<.005	
Bromoform	(.005)	<.005	
1,1,2,2-Tetrachloroethane	(.005)	<.005	
1,4-Dichlorobenzene	(.005)	.64	
1,3-Dichlorobenzene	(.005)	.18	
1,2-Dichlorobenzene	(.005)	<.005	

2-Chlorotoluene (Surrogate)

50 % \*

\* 2-Chlorotoluene recovery is usually low when the sample contains petroleum hydrocarbons. Bromochloromethane, the internal standard compound, recovered at 109% of normal, indicating that the petroleum interference does not apply to all compounds.

  
Scott Rizz  
Senior Chemist



Sample Log 8211  
8211-7

Sample: STK2-A-B

From : Project # 649001 (PG&E)

Sampled : 12/22/93

Dilution : 1:1

Matrix : Soil

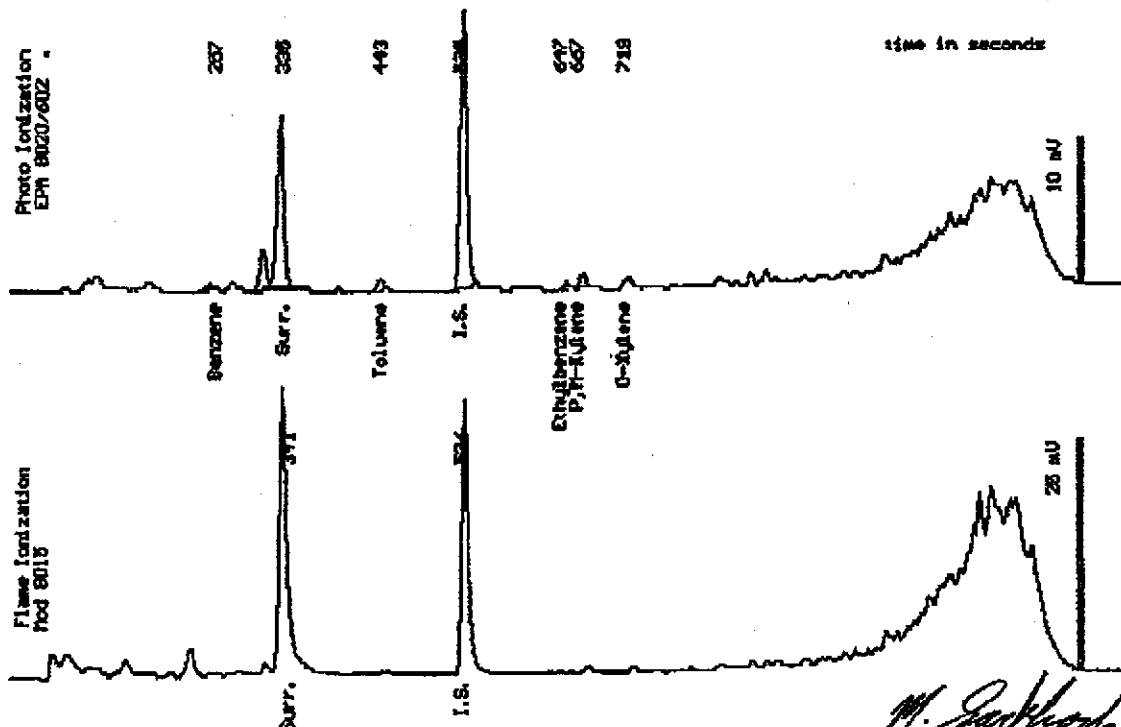
QC Batch : 6075b

Parameter	(MRL) <small>mg/kg</small>	Measured Value <small>mg/kg</small>
Benzene	(.0050)	<.0050
Toluene	(.0050)	.0068
Ethylbenzene	(.0050)	<.0050
Total Xylenes	(.0050)	.012
TPH as Gasoline	(.50)	1.9 *

Surrogate Recovery

101 %

\* Product is not typical gasoline.



Date Analyzed: 12-24-93  
Column : 0.32mm ID X 30m DB5 (J&W Scientific)

*M. Sarkhosh*  
Mitra Sarkhosh  
Senior Chemist



Sample Log 8211

8211-7

Sample: STK2-A-B

From : Project # 649001 (PG&E)

Sampled : 12/22/93

Extracted: 12/23/93

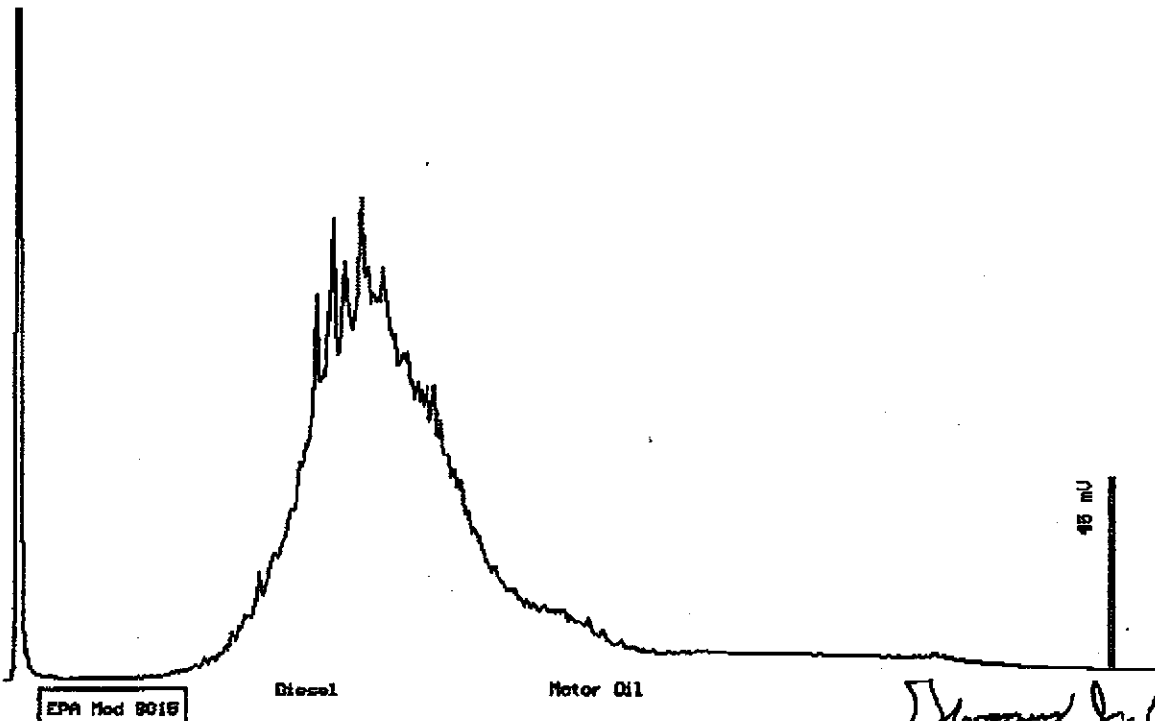
Dilution : 1:1

Matrix : Soil

QC Batch : DS931210

Run Log : 8142A

Parameter	(MDL) <small>mg/kg</small>	Measured Value <small>mg/kg</small>
TPH as Diesel	(10)	560
TPH as Motor Oil	(10)	20



Date: 12-24-93 Time: 01:44:21  
Column : 0.63mm ID X 15m DB1 (J&W Scientific)

*Stuart Podolsky*  
Stuart Podolsky  
Senior Chemist



December 28, 1993

Sample Log 8211

8211-7

Sample: STK2-A-B

From : Project # 649001 (PG&E)

Sampled : 12/22/93

Matrix : Soil

Received : 12/22/93

Analyzed : 12/23/93

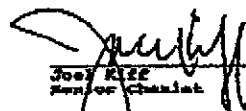
8010 - Halogenated Volatile Organics

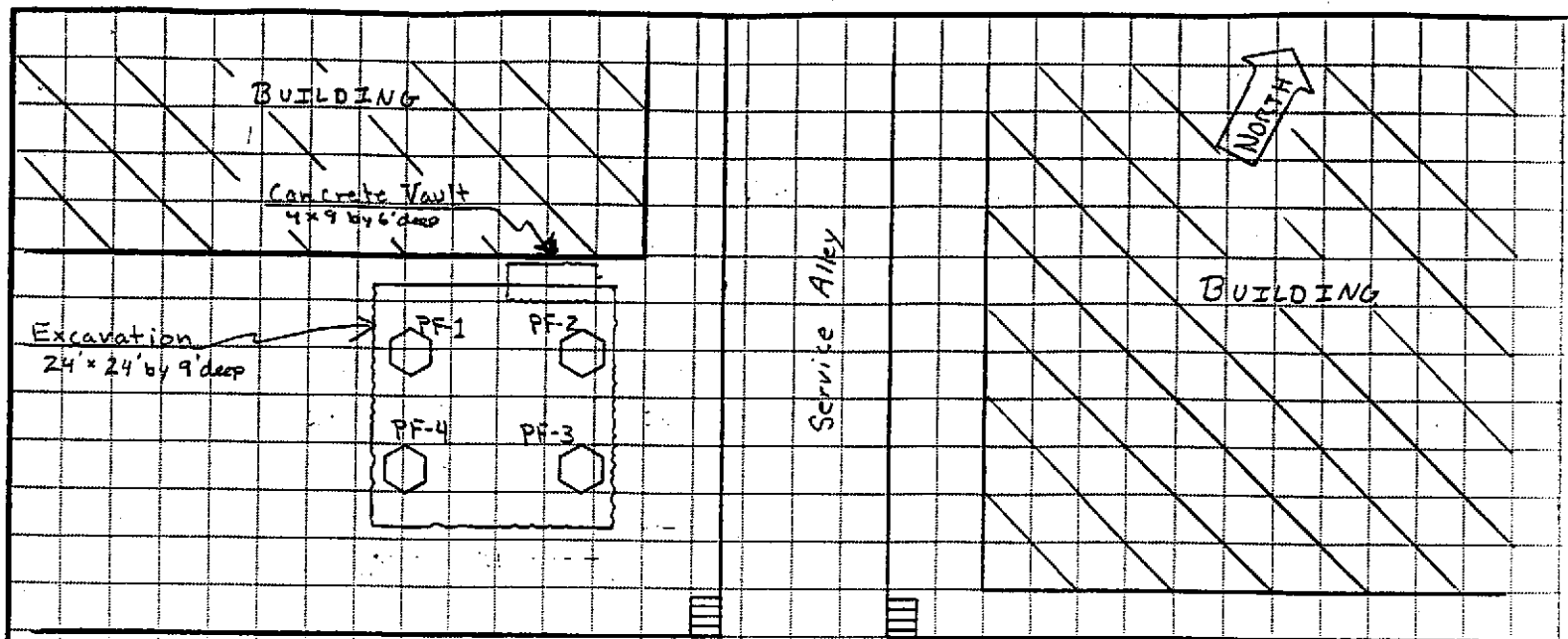
Parameter	(MRL) <small>mg/kg</small>	Measured Value <small>mg/kg</small>	Flag
Chloromethane	(.005)	<.005	
Chloroethane	(0.01)	<0.01	
Vinyl Chloride	(.005)	<.005	
Bromomethane	(0.01)	<0.01	
Trichlorofluoromethane	(.005)	<.005	
1,1-Dichloroethene	(.005)	<.005	
Dichloromethane	(.005)	<.005	
t-1,2-Dichloroethene	(.005)	<.005	
1,1-Dichloroethane	(.005)	.034	
Chloroform	(.005)	<.005	
1,1,1-Trichloroethane	(.005)	.11	
1,2-Dichloroethane	(.005)	<.005	
Carbon Tetrachloride	(.005)	<.005	
1,2-Dichloropropane	(.005)	<.005	
Trichloroethene	(.005)	.036	
Bromodichloromethane	(.005)	<.005	
c-1,2-Dichloroethene	(.005)	<.005	
c-1,3-Dichloropropene	(.005)	<.005	
t-1,3-Dichloropropene	(.005)	<.005	
1,1,2-Trichloroethane	(.005)	<.005	
Tetrachloroethene	(.005)	<.005	
Dibromochloromethane	(.005)	<.005	
Chlorobenzene	(.005)	<.005	
Bromoform	(.005)	<.005	
1,1,2,2-Tetrachloroethane	(.005)	<.005	
1,4-Dichlorobenzene	(.005)	<.005	
1,3-Dichlorobenzene	(.005)	<.005	
1,2-Dichlorobenzene	(.005)	<.005	

2-Chlorotoluene (Surrogate)

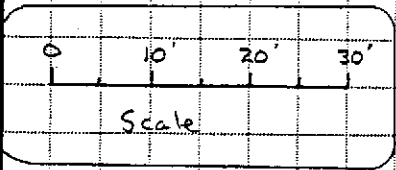
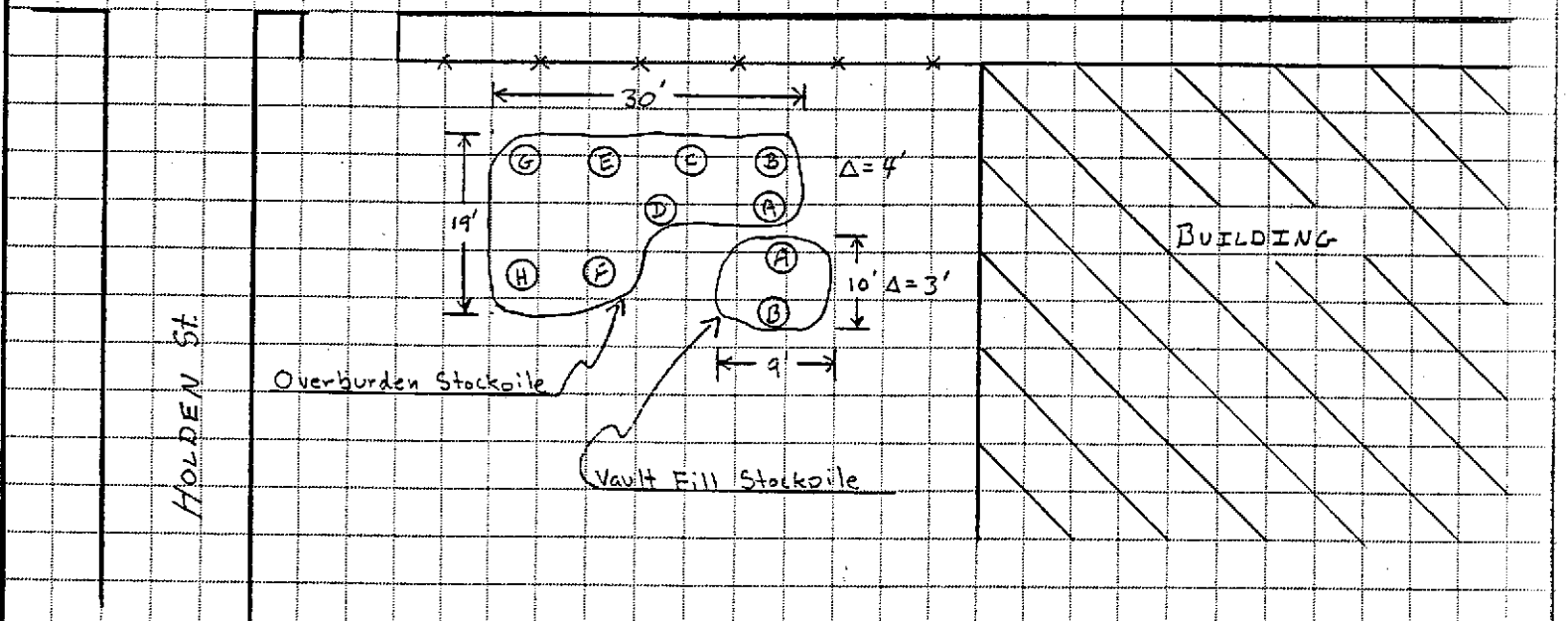
50 % \*

\* 2-Chlorotoluene recovery is usually low when the sample contains petroleum hydrocarbons. Bromochloromethane, the internal standard compound, recovered at 94% of normal, indicating that the petroleum interference does not apply to all compounds.

  
 Joe Rife  
 Senior Chemist



45th STREET



<b>Detailed Site Plan</b> <b>Tank Removal Sample Locations</b>	
<b>PG&amp;E Emeryville</b> <b>4525 Hollis Street, Emeryville, CA.</b>	
<b>Scale: 1" = 20 feet</b>	<b>Date: 12-22-93</b>
<b>RAMCON Job #649001</b>	<b>Plate 2</b>

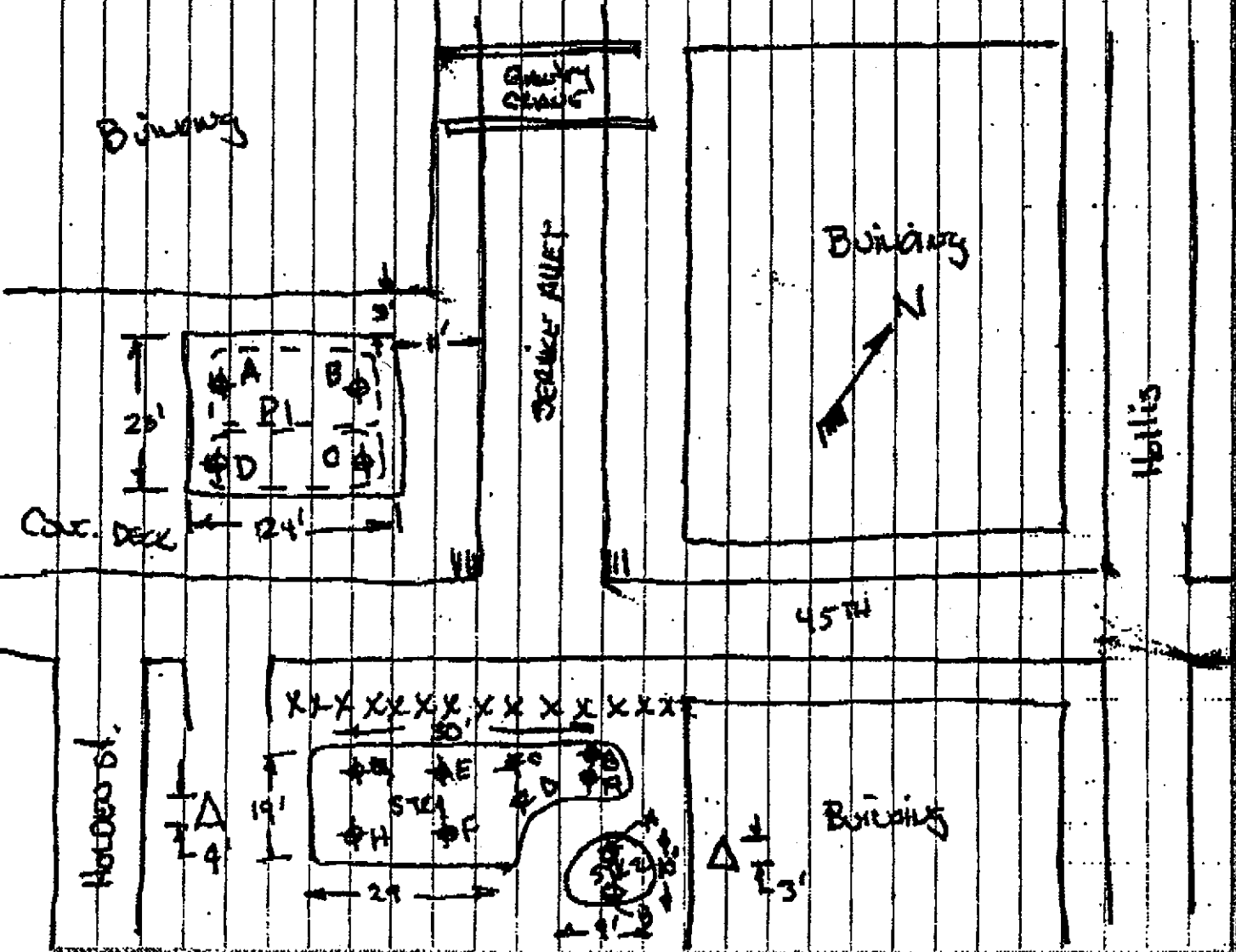
Project # 649001  
 PO # 9262

Arrival: 10:30  
 Depart: 15:00  
 L&T: 17.5

Present C. GORDON (NEST)  
 BRIT (BRUNNEN)  
 M. E. BOSCOE (PETE)

SAMPLES PIF-A THRU D WERE TAKEN 10' BELOW grade  
 2 1/2" BRASS SLEEVES PACKED & HEAD SPACE COVERED w/PIPE  
 CAPPED AND PLACED ON ICE FOR TRANSPORT

SAMPLES STK1-A THRU H & STK2-A, B WERE TAKEN 18" INTO STOCK PILES  
 2 1/2" BRASS SLEEVES PACKED & HEAD SPACE COVERED w/PIPE  
 CAPPED AND PLACED ON ICE FOR TRANSPORT







1046 Olive Drive, Suite 3  
Davis, CA 95616

916-753-9500  
FAX #: 916-753-6091  
LAB#: 916-757-4650

### CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: **Bill Goodwin** Phone #: **372-7535**

Company/Address: \_\_\_\_\_ FAX #: **4209**  
**372-4402**

Project Number: **649001** P.O.#: **9262** Project Name: **PG#E**

Project Location: **4525 Hollis St SHERVILLE** Sampler Signature: *[Signature]*

#### ANALYSIS REQUEST

TAT

Sample ID	Sampling		Container				Method Preserved				Matrix		ANALYSIS REQUEST												TAT											
	DATE	TIME	VOA	SLEEVE	1L GLASS	1L PLASTIC	HCl	HNO <sub>3</sub>	ICE	NONE	WATER	SOIL	BTEX (502/6020)	BTEX/TPH as Gasoline (502/6020/8015) *	TPH as Diesel/Oil (8015)	Total Oil & Grease (5520 B/E/F)	Total Oil & Grease IR (5520 B/E,F,C) #6	90 - Hour Fish Bioassay *	EPA 601/8010	EPA 602/8020	EPA 615/8150	EPA 608/8080 - Pesticides	EPA 606/8060-PCBs	EPA 624/8240		EPA 625/8270	ORGANIC LEAD	Reactivity, Corrosivity, Ignitibility	CAM - 17 Metals	EPA - Priority Pollutant Metals	LEAD(74207421/239.2)	Cd, Cr, Pb, Zn, Ni	W.E.T. (-)	TOTAL (-)		
PIF-A	12-22-93	14:00						X			X		X	X	X	X	X	X					X	X	X	X									X	
PIF-B		14:00						X			X		X	X	X	X	X	X					X	X	X	X									X	
PIF-C		13:55						X			X		X	X	X	X	X	X					X	X	X	X									X	
PIF-D		13:55						X			X		X	X	X	X	X	X					X	X	X	X									X	
STK1-A-D		14:45		4	comp			X			X		X	X	X	X	X	X					X	X	X	X									X	
STK1-E-H		15:00		4	comp			X			X		X	X	X	X	X	X					X	X	X	X									X	
STK2-A-B		14:30		2	comp			X			X		X	X	X	X	X	X					X	X	X	X									X	

Relinquished by:	Date Time	Received by:	Remarks: THESE ANALYSES CALLED FOR BY COUNTY HEALTH  L&F 7.5 hrs O PGE Bill To: 12/23 C 875 pm Gary P... 5570 0-6, ... on this address.
Relinquished by	Date Time	Received by:	
Relinquished by <i>[Signature]</i>	Date Time <i>[Signature]</i>	Received by Laboratory: <i>[Signature]</i>	