



ENVIRONMENTAL

912 Harbour Way South • Richmond, California 94804 • (510) 233-6558 • FAX: (510) 237-6739

November 18, 1991

Mr. Armando Roderiguez
Pacific Gas and Electric Company
4227 Hollis Street
Emeryville, California 94608

Subject: Soil Sampling
4227 Hollis Street
Emeryville, California 94608

Gentlemen:

Plant Reclamation Environmental (PRE) has received additional analysis from Precision Analytical (PA) for the East end of the underground storage tank and the composite sample that was collected from the stockpile on-site. We have presented PA's findings in a tabulated form (Table A).

Due to the presence of hydrocarbon related compounds in excess of commonly accepted levels, PRE recommends that you contact Alameda County Environmental Health for further recommendations on the situation.

We have enjoyed working with you on this project and do not hesitate to contact me if you require any additional assistance.

Sincerely,



Fred Glueck
Plant Reclamation

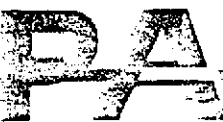
FG/sdb

cc: Lee Soares

TABLE A: LABORATORY ANALYTICAL RESULTS OF SOIL SAMPLES
(concentrations are presented in mg/kg)

*Sampling
10/24/91*

Test Type	West End	East End	Stockpile Composite
Metals: EPA Method 6010			
Zinc	88.0	115.3	93.5
Cadmium	1.43	1.0	2.0
Lead	21.3	6.1	300
Nickel	ND<1.5	28.7	39.6
Chromium	27.5	16.5	26.5
PCB: EPA Method 8080			
AR-1260	0.1	ND<0.1	0.2
Oil & Grease: EPA Method 9071			
Total Oil & Grease	115	ND	ND
TPH as Gasoline: EPA Method 5030			
TPH as Gasoline	460	ND<1.0	1.9
Semi-volatile Organic Compounds: EPA Method 8270			
2-Methyl Napthalene	0.40	ND	ND
Acenaphthene	ND	ND	0.3
Bis-(2 Ethyl Hexo Phthalate)	0.30	ND	ND
Phenanthrene	ND	ND	0.4
Benzo(a)pyrene	ND	ND	0.12
Benzo(b)fluoranthene	ND	ND	0.30
TPH as kerosene: Department of Health Extraction Methods			
TPH as kerosene	6,230	ND<10	ND<10



Precision Analytical Laboratory, Inc.

4136 LAKESIDE DRIVE, RICHMOND, CA 94806

PHONE (415) 222-3002

FAX (415) 222-1251

CERTIFICATE OF ANALYSIS

STATE LICENSE NO. E 750

Received: 10/24/91
Reported: 11/08/91
Job #: 72953

Attn: Bob Kelly
P.R. Environmental
912 Harbour Way South
Richmond, CA 94804

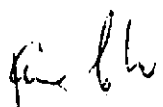
Project: P.G.&E.
4227 Hollis Street
Matrix: Soil

Total Petroleum Hydrocarbon Analysis
DHS Extraction Method (LUFT)
mg/Kg

<u>Lab ID</u>	<u>Client ID</u>	<u>Kerosene</u>	<u>MDL</u>
72953-1	Composite of Spd-1, Spd-2, Spd-3, and Spd-4	ND<10	10
72953-5	E - End of Tank	ND<10	10
72953-6	West End	6,230	450

MDL: Method Detection Limit. Compound below this level would not be detected.

RECEIVED NOV 12 1991



Jaime Chow
Laboratory Director

JC/td

Precision Analytical Laboratory, Inc.

4136 LAKESIDE DRIVE, RICHMOND, CA 94806 PHONE (415) 222-3002 FAX (415) 222-1251

CERTIFICATE OF ANALYSIS

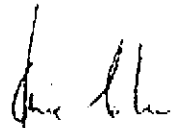
STATE LICENSE NO. E 750

Received: 10/24/91
Reported: 11/06/91
Job #: 72953Attn: Bob Kelly
P.R. Environmental
912 Harbour Way South
Richmond, CA 94804Project: P.G.&E.
4227 Hollis Street
Matrix: SoilPolychlorinated Biphenyls
EPA Method 8080
mg/Kg

<u>Lab ID</u>	<u>Client ID</u>	<u>PCB's</u>	<u>MDL</u>
72953-6	West End	0.1	0.1

QA/QC: Spike Recovery: 90%

MDL: Method Detection Limit. Compound below this level would not be detected.



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Job #: 72953

Attn: Bob Kelly
P.R. Environmental
912 Harbour Way South
Richmond, CA 94804

Project: P.G.&E.
4227 Hollis Street

Matrix: Soil

Analysis Method EPA 6010
Preparation Method 3050
mg/Kg

Lab ID #:	72953-6		% Spike
<u>Client ID:</u>	<u>West End</u>	<u>MDL</u>	<u>Recovery</u>
METAL			
Zinc	88.0	1.50	110
Cadmium	1.43	1.25	94
Lead	21.3	3.00	98
Nickel	ND<1.50	1.50	103
Chromium	27.5	1.00	101

MDL: Method Detection Limit. Compound below this level would not be detected.

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Received: 10/24/91

Reported: 11/04/91

Job #: 72953

Attn: Bob Kelly
P.R. Environmental
912 Harbour Way South
Richmond, CA 94804

Project: P.G.&E.
4227 Hollis Street
Matrix: Soil

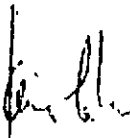
Total Petroleum Hydrocarbon Analysis
EPA Method 5030
mg/Kg

<u>Lab ID</u>	<u>Client ID</u>	<u>Gasoline</u>	<u>MDL</u>
72953-6	West End	460 *	3.0

* TPH in Gas Range

QA/QC: Spike Recovery for Gasoline: 103%

MDL: Method Detection Limit. Compound below this level would not be detected.



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Reported: 11/04/91
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Attn: Bob Kelly
P.R. Environmental
912 Harbour Way South
Richmond, CA 94804

Project: P.G.&E.
4227 Hollis Street

Matrix: Soil

Total Oil and Grease
EPA 9071
mg/Kg

<u>Lab ID</u>	<u>Client ID</u>	<u>Oil and Grease</u>	<u>MDL</u>
72953-6	West End	115	50

QA/QC: Spike Recovery: 92%

MDL: Method Detection Limit. Compound below this level would not be detected.



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4227 Hollis Street
Matrix: Soil

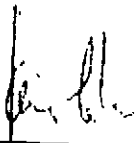
Total Petroleum Hydrocarbon Analysis
EPA Method 5030
mg/Kg

<u>Lab ID</u>	<u>Client ID</u>	<u>Gasoline</u>	<u>MDL</u>
72953-6	West End	460 *	3.0

* TPH in Gas Range

QA/QC: Spike Recovery for Gasoline: 103%

MDL: Method Detection Limit. Compound below this level would not be detected.



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Job #: 72953

Project: P.G.&E.
4227 Hollis Street
Matrix: Soil

EPA METHOD 8240
PURGEABLE ORGANICS
mg/Kg

Lab ID: 72953-6
Client ID: West End

<u>Compound</u>	<u>Concentration</u>	<u>Limit of Detection</u>
Chloromethane	ND<0.9	0.9
Bromomethane	ND<0.3	0.3
Vinyl chloride	ND<0.5	0.5
Chloroethane	ND<1.0	1.0
Methylene chloride	ND<1.0	1.0
Trichlorofluoromethane	ND<2.0	2.0
1,1-dichloroethene	ND<0.6	0.6
1,1-dichloroethane	ND<0.5	0.5
Trans-1,2-dichloroethene	ND<0.5	0.5
Cis-1,2-dichloroethene	ND<0.3	0.3
Chloroform	ND<0.4	0.4
1,2-dichloroethane	ND<0.5	0.5
1,1,1-trichloroethane	ND<0.5	0.5
Carbon tetrachloride	ND<0.2	0.2
Bromodichloromethane	ND<0.2	0.2
1,2-dichloropropane	ND<0.3	0.3
Cis-1,3-dichloropropene	ND<0.4	0.4
Trichloroethene	ND<0.1	0.1
Benzene	ND<0.3	0.3
Dibromochloromethane	ND<0.4	0.4
1,1,2-trichloroethane	ND<0.4	0.4

ND = Not detected at or above limit of detection.


Jaime Chow

Laboratory Director

Page 1 of 2

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 Job #: 72953

Attn: Bob Kelly
 P.R. Environmental

Project: P.G.&E.
 4227 Hollis Street
 Matrix: Soil

EPA METHOD 8240
 PURGEABLE ORGANICS
 mg/kg

Lab ID: 72953-6
Client ID: West End

<u>Compound</u>	<u>Concentration</u>	<u>Limit of Detection</u>
Trans-1,3-dichloropropene	ND<0.4	0.4
2-chloroethyl vinyl ether	ND<0.7	0.7
Bromoform	ND<0.5	0.5
1,1,2,2-tetrachloroethane	ND<0.5	0.5
Tetrachloroethene	ND<0.2	0.2
Toluene	ND<0.2	0.2
Chlorobenzene	ND<0.2	0.2
Ethylbenzene	ND<0.2	0.2
1,3-Dichlorobenzene	ND<0.2	0.2
1,2-Dichlorobenzene	ND<0.2	0.2
1,4-Dichlorobenzene	ND<0.2	0.2
Dichlorodifluoromethane	ND<0.4	0.4
Freon 113	ND<0.6	0.6
M + P Xylene	ND<0.5	0.5
O-Xylene	ND<0.2	0.2
Acetone	ND<1.0	1.0
Carbon Disulfide	ND<0.8	0.8
4-Methyl-2-Pentanone	ND<0.7	0.7
2-Hexanone	ND<0.8	0.8
Styrene	ND<0.2	0.2
2-Butanone	ND<0.6	0.6
Vinyl Acetate	ND<0.6	0.6

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Reported: 11/04/91
Job #: 72953

Project: P.G.&E.
4227 Hollis Street
Matrix: Soil

EPA METHOD 8240
PURGEABLE ORGANICS
mg/Kg

Lab ID: 72953-Method Blank
Client ID: Method Blank

<u>Compound</u>	<u>Concentration</u>	<u>Limit of Detection</u>
Chloromethane	ND<0.9	0.9
Bromomethane	ND<0.3	0.3
Vinyl chloride	ND<0.5	0.5
Chloroethane	ND<1.0	1.0
Methylene chloride	ND<1.0	1.0
Trichlorofluoromethane	ND<2.0	2.0
1,1-dichloroethene	ND<0.6	0.6
1,1-dichloroethane	ND<0.5	0.5
Trans-1,2-dichloroethene	ND<0.5	0.5
Cis-1,2-dichloroethene	ND<0.3	0.3
Chloroform	ND<0.4	0.4
1,2-dichloroethane	ND<0.5	0.5
1,1,1-trichloroethane	ND<0.5	0.5
Carbon tetrachloride	ND<0.2	0.2
Bromodichloromethane	ND<0.2	0.2
1,2-dichloropropane	ND<0.3	0.3
Cis-1,3-dichloropropene	ND<0.4	0.4
Trichloroethene	ND<0.1	0.1
Benzene	ND<0.3	0.3
Dibromochloromethane	ND<0.4	0.4
1,1,2-trichloroethane	ND<0.4	0.4

ND = Not detected at or above limit of detection.

[Handwritten Signature]

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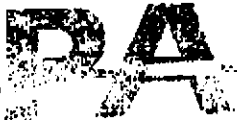
Project: P.G.&E.
 4227 Hollis Street
 Matrix: Soil

EPA METHOD 8240
 PURGEABLE ORGANICS
 mg/kg

Lab ID: 72953-Method Blank
 Client ID: Method Blank

<u>Compound</u>	<u>Concentration</u>	<u>Limit of Detection</u>
Trans-1,3-dichloropropene	ND<0.4	0.4
2-chloroethyl vinyl ether	ND<0.7	0.7
Bromoform	ND<0.5	0.5
1,1,2,2-tetrachloroethane	ND<0.5	0.5
Tetrachloroethene	ND<0.2	0.2
Toluene	ND<0.2	0.2
Chlorobenzene	ND<0.2	0.2
Ethylbenzene	ND<0.2	0.2
1,3-Dichlorobenzene	ND<0.2	0.2
1,2-Dichlorobenzene	ND<0.2	0.2
1,4-Dichlorobenzene	ND<0.2	0.2
Dichlorodifluoromethane	ND<0.4	0.4
Freon 113	ND<0.6	0.6
M + P Xylene	ND<0.5	0.5
O-Xylene	ND<0.2	0.2
Acetone	ND<1.0	1.0
Carbon Disulfide	ND<0.8	0.8
4-Methyl-2-Pentanone	ND<0.7	0.7
2-Hexanone	ND<0.8	0.8
Styrene	ND<0.2	0.2
2-Butanone	ND<0.6	0.6
Vinyl Acetate	ND<0.6	0.6

ND = Not detected at or above limit of detection.



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Received: 10/24/91
 Reported: 11/04/91
 Job #: 72953

Attn: Bob Kelly
 P.R. Environmental
 912 Harbour Way South
 Richmond, CA 94804

Project: P.G.&E.
 4227 Hollis Street
 Matrix: Soil

ACID & BASE/NEUTRAL EXTRACTABLES
 EPA Method 8270 - Low Level
 mg/Kg

Lab ID: 72953-6
 Client ID: West End

<u>ACID COMPOUNDS</u>	<u>CONCENTRATION</u>	<u>LIMIT OF DETECTION</u>
Phenol	ND<0.08	0.08
2-chlorophenol	ND<0.06	0.06
2-methyl phenol	ND<0.09	0.09
4-methyl phenol	ND<0.10	0.10
2-nitrophenol	ND<0.06	0.06
2,4-dimethylphenol	ND<0.10	0.10
2,4-dichlorophenol	ND<0.10	0.10
4-chloro-3-methylphenol	ND<0.10	0.10
2,4,5-trichlorophenol	ND<0.07	0.07
2,4,6-trichlorophenol	ND<0.08	0.08
2,4-dinitrophenol	ND<0.40	0.40
4-nitrophenol	ND<0.10	0.10
2-methyl-4,6-dinitrophenol	ND<0.10	0.10
Pentachlorophenol	ND<0.30	0.30

<u>BASE/NEUTRAL COMPOUNDS</u>	<u>CONCENTRATION</u>	<u>LIMIT OF DETECTION</u>
N-nitrosodimethylamine	ND<0.10	0.10
Bis(2-chloroethyl) ether	ND<0.04	0.04
1,3-dichlorobenzene	ND<0.50	0.50
1,4-dichlorobenzene	ND<0.50	0.50
1,2-dichlorobenzene	ND<0.40	0.40
Bis-(2-chloroisopropyl) ether	ND<0.20	0.20

ND = Not detected at or above limit of detection.

Jaime Chow
 Laboratory Director

Precision Analytical Laboratory, Inc.

4136 LAKESIDE DRIVE, RICHMOND, CA 94806

PHONE (415) 222-3002 FAX (415) 222-1251

STATE LICENSE NO. E 750

Received: 10/24/91

Reported: 11/04/91

Job #: 72953

Attn: Bob Kelly
P.R. EnvironmentalProject: P.G.&E.
4227 Hollis Street
Matrix: SoilACID & BASE/NEUTRAL EXTRACTABLES
EPA Method 8270 - Low Level
mg/KgLab ID: 72953-6
Client ID: West End

<u>BASE/NEUTRAL COMPOUNDS</u>	<u>CONCENTRATION</u>	<u>LIMIT OF DETECTION</u>
N-nitrosodi-n-propylamine	ND<0.10	0.10
Hexachloroethane	ND<0.50	0.50
Nitrobenzene	ND<0.06	0.06
Isophorone	ND<0.09	0.09
Bis-(2-chloroethoxy)methane	ND<0.10	0.10
1,2,4-trichlorobenzene	ND<0.30	0.30
Naphthalene	ND<0.20	0.20
Hexachlorobutadiene	ND<0.50	0.50
2-chloronaphthalene	ND<0.05	0.05
2-methyl naphthalene	0.40	0.20
4-chloroaniline	ND<0.10	0.10
2-nitroaniline	ND<0.10	0.10
3-nitroaniline	ND<0.10	0.10
4-nitroaniline	ND<0.10	0.10
Hexachlorocyclopentadiene	ND<0.20	0.20
Dimethyl phthalate	ND<0.04	0.04
Acenaphthylene	ND<0.04	0.04
Acenaphthene	ND<0.04	0.04
2,4-dinitrotoluene	ND<0.10	0.10
2,6-dinitrotoluene	ND<0.06	0.06
Diethyl phthalate	ND<0.10	0.10
4-chlorophenylphenylether	ND<0.05	0.05
Fluorene	ND<0.20	0.20
N-nitrosodiphenylamine	ND<0.09	0.09
4-bromophenylphenylether	ND<0.07	0.07
Hexachlorobenzene	ND<0.20	0.20

ND = Not detected at or above limit of detection.


Precision Analytical Laboratory, Inc.

4156 LAKESIDE DRIVE, RICHMOND, CA 94806

PHONE (415) 222 3002

FAX (415) 222 1251

STATE LICENSE NO. E 750

Received: 10/24/91

Reported: 11/04/91

Job #: 72953

Attn: Bob Kelly
P.R. EnvironmentalProject: P.G.&E.
4227 Hollis Street
Matrix: Soil

ACID & BASE/NEUTRAL EXTRACTABLES
EPA Method 8270 - Low Level
mg/Kg

Lab ID: 72953-6

Client ID: West End

<u>BASE/NEUTRAL COMPOUNDS</u>	<u>CONCENTRATION</u>	<u>LIMIT OF DETECTION</u>
Phenanthrene	ND<0.10	0.10
Anthracene	ND<0.20	0.20
Di-n-butylphthalate	ND<0.20	0.20
Fluoranthene	ND<0.50	0.50
Benzidine	ND<1	1
Pyrene	ND<0.60	0.60
Benzylbutylphthalate	ND<0.10	0.10
3,3-dichlorobenzidine	ND<0.30	0.30
Benzo(a)anthracene	ND<0.30	0.30
Bis-(2-ethylhexyl)phthalate	0.30	0.10
Chrysene	ND<0.30	0.30
Di-n-octylphthalate	ND<0.13	0.13
Benzo(b)fluoranthene	ND<0.20	0.20
Benzo(k)fluoranthene	ND<0.40	0.40
Benzo(a)pyrene	ND<0.09	0.09
Indeno(1,2,3-cd)pyrene	ND<0.20	0.20
Dibenzo(a,h)anthracene	ND<0.20	0.20
Benzo(ghi)perylene	ND<0.20	0.20

ND = Not detected at or above limit of detection.


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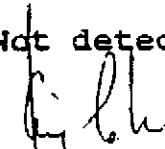
Project: P.G.&E.
 4227 Hollis Street
 Matrix: Soil

ACID & BASE/NEUTRAL EXTRACTABLES
 EPA Method 8270 - Low Level
 mg/Kg

Lab ID: 72953-Method Blank
 Client ID: Method Blank

<u>ACID COMPOUNDS</u>	<u>CONCENTRATION</u>	<u>LIMIT OF DETECTION</u>
Phenol	ND<0.08	0.08
2-chlorophenol	ND<0.06	0.06
2-methyl phenol	ND<0.09	0.09
4-methyl phenol	ND<0.10	0.10
2-nitrophenol	ND<0.06	0.06
2,4-dimethylphenol	ND<0.10	0.10
2,4-dichlorophenol	ND<0.10	0.10
4-chloro-3-methylphenol	ND<0.10	0.10
2,4,5-trichlorophenol	ND<0.07	0.07
2,4,6-trichlorophenol	ND<0.08	0.08
2,4-dinitrophenol	ND<0.40	0.40
4-nitrophenol	ND<0.10	0.10
2-methyl-4,6-dinitrophenol	ND<0.10	0.10
Pentachlorophenol	ND<0.30	0.30
<u>BASE/NEUTRAL COMPOUNDS</u>		
N-nitrosodimethylamine	ND<0.10	0.10
Bis(2-chloroethyl) ether	ND<0.04	0.04
1,3-dichlorobenzene	ND<0.50	0.50
1,4-dichlorobenzene	ND<0.50	0.50
1,2-dichlorobenzene	ND<0.40	0.40
Bis-(2-chloroisopropyl) ether	ND<0.20	0.20

ND = Not detected at or above limit of detection.


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 Laboratory Director



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Job #: 72953

Attn: Bob Kelly
P.R. EnvironmentalProject: P.G.&E.
4227 Hollis Street
Matrix: SoilACID & BASE/NEUTRAL EXTRACTABLES
EPA Method 8270 - Low Level
mg/KgLab ID: 72953-Method Blank
Client ID: Method Blank

<u>BASE/NEUTRAL COMPOUNDS</u>	<u>CONCENTRATION</u>	<u>LIMIT OF DETECTION</u>
N-nitrosodi-n-propylamine	ND<0.10	0.10
Hexachloroethane	ND<0.50	0.50
Nitrobenzene	ND<0.06	0.06
Isophorone	ND<0.09	0.09
Bis-(2-chloroethoxy)methane	ND<0.10	0.10
1,2,4-trichlorobenzene	ND<0.30	0.30
Naphthalene	ND<0.20	0.20
Hexachlorobutadiene	ND<0.50	0.50
2-chloronaphthalene	ND<0.05	0.05
2-methyl naphthalene	ND<0.20	0.20
4-chloroaniline	ND<0.10	0.10
2-nitroaniline	ND<0.10	0.10
3-nitroaniline	ND<0.10	0.10
4-nitroaniline	ND<0.10	0.10
Hexachlorocyclopentadiene	ND<0.20	0.20
Dimethyl phthalate	ND<0.04	0.04
Acenaphthylene	ND<0.04	0.04
Acenaphthene	ND<0.04	0.04
2,4-dinitrotoluene	ND<0.10	0.10
2,6-dinitrotoluene	ND<0.06	0.06
Diethyl phthalate	ND<0.10	0.10
4-chlorophenylphenylether	ND<0.05	0.05
Fluorene	ND<0.20	0.20
N-nitrosodiphenylamine	ND<0.09	0.09
4-bromophenylphenylether	ND<0.07	0.07
Hexachlorobenzene	ND<0.20	0.20

ND = Not detected at or above limit of detection.



Precision Analytical Laboratory, Inc.

4136 LAKESIDE DRIVE, RICHMOND, CA 94806

PHONE (415) 222 3002

FAX (415) 222 1251

STATE LICENSE NO. E 750

Received: 10/24/91

Reported: 11/04/91

Job #: 72953

Attn: Bob Kelly
P.R. Environmental

Project: P.G.&E.
4227 Hollis Street
Matrix: Soil

ACID & BASE/NEUTRAL EXTRACTABLES
EPA Method 8270 - Low Level
mg/Kg

Lab ID: 72953-Method Blank

Client ID: Method Blank

<u>BASE/NEUTRAL COMPOUNDS</u>	<u>CONCENTRATION</u>	<u>LIMIT OF DETECTION</u>
Phenanthrene	ND<0.10	0.10
Anthracene	ND<0.20	0.20
Di-n-butylphthalate	ND<0.20	0.20
Fluoranthene	ND<0.50	0.50
Benzidine	ND<1	1
Pyrene	ND<0.60	0.60
Benzylbutylphthalate	ND<0.10	0.10
3,3-dichlorobenzidine	ND<0.30	0.30
Benzo(a)anthracene	ND<0.30	0.30
Bis-(2-ethylhexyl)phthalate	ND<0.10	0.10
Chrysene	ND<0.30	0.30
Di-n-octylphthalate	ND<0.13	0.13
Benzo(b)fluoranthene	ND<0.20	0.20
Benzo(k)fluoranthene	ND<0.40	0.40
Benzo(a)pyrene	ND<0.09	0.09
Indeno(1,2,3-cd)pyrene	ND<0.20	0.20
Dibenzo(a,h)anthracene	ND<0.20	0.20
Benzo(ghi)perylene	ND<0.20	0.20

ND = Not detected at or above limit of detection.

NO. SAMPLERS (Signature) Mike Nara - Bob Kelly
 NAME AND ADDRESS: PR - Environmental / PG. 8E. 4227 Holke St.
Fax (415) 237-6739

ANALYSIS REQUESTED
 TPH - Gas (5030) Distill (3530)
~~BTEX - (8020)~~
 Halogenated (8010) 250
 Oil & Grease 240
 PCB - (8080) 240
 Metals (200) (200) (200)
8200 240

S N C E R	DATE	TIME	T O T A L	M I N U T E	STATION LOCATION	ANALYSIS REQUESTED					REMARKS	
						TPH - Gas	BTEX	Halogenated	Oil & Grease	PCB		Metals
1	10/23/91	12:05pm	Y			X		X	Y	X	Y	
2		12:10pm	Y			X		X	X	X	X	
3		12:15pm	Y			X		X	X	X	X	
4		12:20pm	X			X		X	X	X	X	
1/2 mile		12:25pm	Y			X		X	X	X	X	
incl		12:30pm	Y			X		X	X	X	X	

ORDERED BY: (Signature) <u>Bob Kelly</u>	DATE <u>10-24-91</u>	RECEIVED BY: (Signature) <u>[Signature]</u>	DATE <u>10-24-91</u>
ORDERED BY: (Signature) <u>[Signature]</u>	TIME <u>1:45</u>	RECEIVED BY: (Signature) <u>[Signature]</u>	TIME <u>1:45pm</u>
ORDERED BY: (Signature)	DATE	RECEIVED BY: (Signature)	DATE
ORDERED BY: (Signature)	TIME	RECEIVED BY: (Signature)	TIME
ORDERED BY: (Signature)	DATE	RECEIVED BY: (Signature)	DATE
ORDERED BY: (Signature)	TIME	RECEIVED BY: (Signature)	TIME

Round Time: * 24 hrs _____ * 2/3 days _____ * 4/5 X Normal _____ * Surcharge Applies

Instructions: _____
 Sample Hazards: _____



Precision Analytical Laboratory, Inc.

4136 LAKESIDE DRIVE, RICHMOND, CA 94806

PHONE (510) 222-3002

FAX (510) 222-1251

CERTIFICATE OF ANALYSIS

STATE LICENSE NO. E 750

Received: 10/24/91
Reported: 11/14/91
Job #: 72953

Attn: Bob Kelly
P.R. Environmental
912 Harbour Way South
Richmond, CA 94804

Project: P.G.&E.
4227 Hollis Street
Matrix: Soil

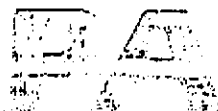
Polychlorinated Biphenyls
EPA Method 8080
mg/Kg

<u>Lab ID</u>	<u>Client ID</u>	<u>Ar-1260</u>	<u>MDL</u>
72953-5	East End of Tank	ND<0.1	0.1
72953-Composite	Spd-1, Spd-2, Spd-3, and Spd-4	0.2	0.1

QA/QC: Spike Recovery: 100%

MDL: Method Detection Limit. Compound below this level would not be detected.

Jaime Chow
Laboratory Director



Precision Analytical Laboratory, Inc.

4136 LAKESIDE DRIVE, RICHMOND, CA 94806 PHONE (510) 222-3002 FAX (510) 222-1251

CERTIFICATE OF ANALYSIS

STATE LICENSE NO. E 750

Received: 10/24/91

Reported: 11/14/91

Job #: 72953

Attn: Bob Kelly
 P.R. Environmental
 912 Harbour Way South
 Richmond, CA 94804

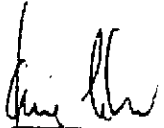
Project: P.G.&E.
 4227 Hollis Street
 Matrix: Soil

Total Petroleum Hydrocarbon Analysis
 EPA Method 5030
 mg/Kg

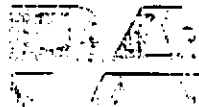
<u>Lab ID</u>	<u>Client ID</u>	<u>Gasoline</u>	<u>MDL</u>
72953-5	East End of Tank	ND<1.0	1.0
72953-Composite	Spd-1, Spd-2, Spd-3, and Spd-4	1.9	1.0

QA/QC: Spike Recovery for Gasoline: 98%

MDL: Method Detection Limit. Compound below this level would not be detected.


 Jaime Chow
 Laboratory Director

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Job #: 72953

Attn: Bob Kelly
 P.R. Environmental
 912 Harbour Way South
 Richmond, CA 94804

Project: P.G.&E.
 4227 Hollis Street

Matrix: Soil

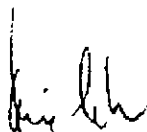
Analysis Method EPA 6010
 Preparation Method 3050
 mg/Kg

Lab ID #:	72953-5	72953-Composite		
<u>Client ID:</u>	<u>East End</u>	<u>Spd-1, Spd-2,</u>		<u>% Spike</u>
	<u>of Tank</u>	<u>Spd-3, and Spd-4</u>	<u>MDL</u>	<u>Recovery</u>

METAL

Cadmium	1.00	2.00	0.25	88
---------	------	------	------	----

MDL: Method Detection Limit. Compound below this level would not be detected.



 Jaime Chow
 Laboratory Director

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Job #: 72953

Attn: Bob Kelly
P.R. Environmental
912 Harbour Way South
Richmond, CA 94804

Project: P.G.&E.
4227 Hollis Street
Matrix: Soil

Flame AA Method
Chromium - EPA Method 7190
Preparation Method 3050
mg/Kg

Lab ID #:	72953-5	72953-Composite		% Spike
Client ID:	East End of Tank	Spd-1, Spd-2, Spd-3, and Spd-4	MDL	Recovery
METAL				
Chromium	16.5	26.5	1.25	108

MDL: Method Detection Limit. Compound below this level would not be detected.

Jaime Chow

Jaime Chow
Laboratory Director

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Precision Analytical Laboratory, Inc.

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 P.R. Environmental
 912 Harbour Way South
 Richmond, CA 94804

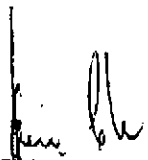
Project: P.G.&E.
 4227 Hollis Street

Matrix: Soil

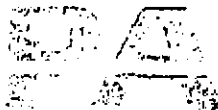
Flame AA Method
 Lead - EPA Method 7420
 Preparation Method 3050
 mg/Kg

Lab ID #:	72953-5	72953-Composite		
Client ID:	<u>East End</u>	<u>Spd-1, Spd-2,</u>		% Spike
	<u>of Tank</u>	<u>Spd-3, and Spd-4</u>	MDL	Recovery
METAL				
Lead	6.1	300	2.5	85

MDL: Method Detection Limit. Compound below this level would not be detected.


 Jaime Chow
 Laboratory Director

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Reported: 11/14/91
Job #: 72953

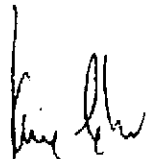
Attn: Bob Kelly
P.R. Environmental
912 Harbour Way South
Richmond, CA 94804

Project: P.G.&E.
4227 Hollis Street
Matrix: Soil

Flame AA Method
Nickel - EPA Method 7520
Preparation Method 3050
mg/Kg

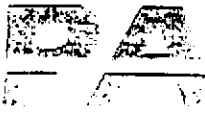
Lab ID #:	72953-5	72953-Composite		
Client ID:	East End	Spd-1, Spd-2,		% Spike
	of Tank	Spd-3, and Spd-4	MDL	Recovery
METAL				
Nickel	28.7	39.6	2.5	91.4

MDL: Method Detection Limit. Compound below this level would not be detected.



Jaime Chow
Laboratory Director

JC/td



Precision Analytical Laboratory, Inc.

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P.R. Environmental
912 Harbour Way South
Richmond, CA 94804

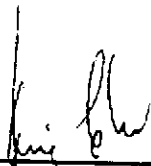
Project: P.G.&E.
4227 Hollis Street

Matrix: Soil

Flame AA Method
Zinc - EPA Method 7950
Preparation Method 3050
mg/Kg

Lab ID #:	72953-5	72953-Composite		
Client ID:	<u>East End</u>	<u>Spd-1, Spd-2,</u>		% Spike
	<u>of Tank</u>	<u>Spd-3, and Spd-4</u>	MDL	<u>Recovery</u>
METAL				
Zinc	115.3	193.5	1.0	85

MDL: Method Detection Limit. Compound below this level would not be detected.



Jaime Chow
Laboratory Director

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PHONE (510) 222-3002

FAX (510) 222-1251

CERTIFICATE OF ANALYSIS

STATE LICENSE NO. E 750

Attn: Bob Kelly
 P.R. Environmental
 912 Harbour Way South
 Richmond, CA 94804

Received: 10/24/91
 Reported: 11/14/91
 Job #: 72953


Project: P.G.&E.
 4227 Hollis Street
 Matrix: Soil

EPA METHOD 8240
 PURGEABLE ORGANICS
 mg/Kg

Lab ID: 72953-Composite
 Client ID: Spd-1, Spd-2, Spd-3, and Spd-4

<u>Compound</u>	<u>Concentration</u>	<u>Limit of Detection</u>
Chloromethane	ND<0.9	0.9
Bromomethane	ND<0.3	0.3
Vinyl chloride	ND<0.5	0.5
Chloroethane	ND<1.0	1.0
Methylene chloride	ND<1.0	1.0
Trichlorofluoromethane	ND<2.0	2.0
1,1-dichloroethene	ND<0.6	0.6
1,1-dichloroethane	ND<0.5	0.5
Trans-1,2-dichloroethene	ND<0.5	0.5
Cis-1,2-dichloroethene	ND<0.3	0.3
Chloroform	ND<0.4	0.4
1,2-dichloroethane	ND<0.5	0.5
1,1,1-trichloroethane	ND<0.5	0.5
Carbon tetrachloride	ND<0.2	0.2
Bromodichloromethane	ND<0.2	0.2
1,2-dichloropropane	ND<0.3	0.3
Cis-1,3-dichloropropene	ND<0.4	0.4
Trichloroethene	ND<0.1	0.1
Benzene	ND<0.3	0.3
Dibromochloromethane	ND<0.4	0.4
1,1,2-trichloroethane	ND<0.4	0.4

ND = Not detected at or above limit of detection.


 Jaime Chow
 Laboratory Director

Page 1 of 2

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 Precision Analytical Laboratory, Inc.

4136 LAKESIDE DRIVE, RICHMOND, CA 94806

PHONE (510) 222-3002

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STATE LICENSE NO. E 750

Received: 10/24/91

Reported: 11/14/91

Job #: 72953

Attn: Bob Kelly
P.R. Environmental

Project: P.G.&E.
4227 Hollis Street
Matrix: Soil

EPA METHOD 8240
PURGEABLE ORGANICS
mg/kg

Lab ID: 72953-Composite

Client ID: Spd-1, Spd-2, Spd-3, and Spd-4

<u>Compound</u>	<u>Concentration</u>	<u>Limit of Detection</u>
Trans-1,3-dichloropropene	ND<0.4	0.4
2-chloroethyl vinyl ether	ND<0.7	0.7
Bromoform	ND<0.5	0.5
1,1,2,2-tetrachloroethane	ND<0.5	0.5
Tetrachloroethene	ND<0.2	0.2
Toluene	ND<0.2	0.2
Chlorobenzene	ND<0.2	0.2
Ethylbenzene	ND<0.2	0.2
1,3-Dichlorobenzene	ND<0.2	0.2
1,2-Dichlorobenzene	ND<0.2	0.2
1,4-Dichlorobenzene	ND<0.2	0.2
Dichlorodifluoromethane	ND<0.4	0.4
Freon 113	ND<0.6	0.6
M + P Xylene	ND<0.5	0.5
O-Xylene	ND<0.2	0.2
Acetone	ND<1.0	1.0
Carbon Disulfide	ND<0.8	0.8
4-Methyl-2-Pentanone	ND<0.7	0.7
2-Hexanone	ND<0.8	0.8
Styrene	ND<0.2	0.2
2-Butanone	ND<0.6	0.6
Vinyl Acetate	ND<0.6	0.6

ND = Not detected at or above limit of detection.


Precision Analytical Laboratory, Inc.

4136 LAKESIDE DRIVE, RICHMOND, CA 94806

PHONE (510) 222-3002

FAX (510) 222-1251

CERTIFICATE OF ANALYSIS

STATE LICENSE NO. E 750

Attn: Bob Kelly
 P.R. Environmental
 912 Harbour Way South
 Richmond, CA 94804

Received: 10/24/91
 Reported: 11/14/91
 Job #: 72953

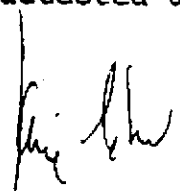
Project: P.G.&E.
 4227 Hollis Street
 Matrix: Soil

EPA METHOD 8240
 PURGEABLE ORGANICS
 mg/Kg

Lab ID: 72953-5
 Client ID: East End of Tank

<u>Compound</u>	<u>Concentration</u>	<u>Limit of Detection</u>
Chloromethane	ND<0.9	0.9
Bromomethane	ND<0.3	0.3
Vinyl chloride	ND<0.5	0.5
Chloroethane	ND<1.0	1.0
Methylene chloride	ND<1.0	1.0
Trichlorofluoromethane	ND<2.0	2.0
1,1-dichloroethene	ND<0.6	0.6
1,1-dichloroethane	ND<0.5	0.5
Trans-1,2-dichloroethene	ND<0.5	0.5
Cis-1,2-dichloroethene	ND<0.3	0.3
Chloroform	ND<0.4	0.4
1,2-dichloroethane	ND<0.5	0.5
1,1,1-trichloroethane	ND<0.5	0.5
Carbon tetrachloride	ND<0.2	0.2
Bromodichloromethane	ND<0.2	0.2
1,2-dichloropropane	ND<0.3	0.3
Cis-1,3-dichloropropene	ND<0.4	0.4
Trichloroethene	ND<0.1	0.1
Benzene	ND<0.3	0.3
Dibromochloromethane	ND<0.4	0.4
1,1,2-trichloroethane	ND<0.4	0.4

ND = Not detected at or above limit of detection.



 Jaime Chow
 Laboratory Director

Page 1 of 2

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OUTSTANDING QUALITY AND SERVICE
 CALIFORNIA STATE CERTIFIED LABORATORY


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4136 LAKESIDE DRIVE, RICHMOND, CA 94806

PHONE (510) 222-3002

FAX (510) 222-1251

STATE LICENSE NO. E 750

Received: 10/24/91

Reported: 11/14/91

Job #: 72953

Attn: Bob Kelly
P.R. Environmental

Project: P.G.&E.
4227 Hollis Street
Matrix: Soil

EPA METHOD 8240
PURGEABLE ORGANICS
mg/kg

Lab ID: 72953-5
Client ID: East End of Tank

<u>Compound</u>	<u>Concentration</u>	<u>Limit of Detection</u>
Trans-1,3-dichloropropene	ND<0.4	0.4
2-chloroethyl vinyl ether	ND<0.7	0.7
Bromoform	ND<0.5	0.5
1,1,2,2-tetrachloroethane	ND<0.5	0.5
Tetrachloroethene	ND<0.2	0.2
Toluene	ND<0.2	0.2
Chlorobenzene	ND<0.2	0.2
Ethylbenzene	ND<0.2	0.2
1,3-Dichlorobenzene	ND<0.2	0.2
1,2-Dichlorobenzene	ND<0.2	0.2
1,4-Dichlorobenzene	ND<0.2	0.2
Dichlorodifluoromethane	ND<0.4	0.4
Freon 113	ND<0.6	0.6
M + P Xylene	ND<0.5	0.5
O-Xylene	ND<0.2	0.2
Acetone	ND<1.0	1.0
Carbon Disulfide	ND<0.8	0.8
4-Methyl-2-Pentanone	ND<0.7	0.7
2-Hexanone	ND<0.8	0.8
Styrene	ND<0.2	0.2
2-Butanone	ND<0.6	0.6
Vinyl Acetate	ND<0.6	0.6

ND = Not detected at or above limit of detection.

Precision Analytical Laboratory, Inc.

4136 LAKESIDE DRIVE, RICHMOND, CA 94806

PHONE (510) 222-3002

FAX (510) 222-1251

CERTIFICATE OF ANALYSIS

STATE LICENSE NO. E 750

Attn: Bob Kelly
P.R. Environmental
912 Harbour Way South
Richmond, CA 94804

Received: 10/24/91
Reported: 11/14/91
Job #: 72953

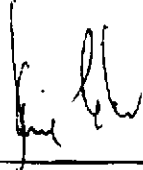
Project: P.G.&E.
4227 Hollis Street
Matrix: Soil

EPA METHOD 8240
PURGEABLE ORGANICS
mg/Kg

Lab ID: 72953-Method Blank
Client ID: Method Blank

<u>Compound</u>	<u>Concentration</u>	<u>Limit of Detection</u>
Chloromethane	ND<0.9	0.9
Bromomethane	ND<0.3	0.3
Vinyl chloride	ND<0.5	0.5
Chloroethane	ND<1.0	1.0
Methylene chloride	ND<1.0	1.0
Trichlorofluoromethane	ND<2.0	2.0
1,1-dichloroethene	ND<0.6	0.6
1,1-dichloroethane	ND<0.5	0.5
Trans-1,2-dichloroethene	ND<0.5	0.5
Cis-1,2-dichloroethene	ND<0.3	0.3
Chloroform	ND<0.4	0.4
1,2-dichloroethane	ND<0.5	0.5
1,1,1-trichloroethane	ND<0.5	0.5
Carbon tetrachloride	ND<0.2	0.2
Bromodichloromethane	ND<0.2	0.2
1,2-dichloropropane	ND<0.3	0.3
Cis-1,3-dichloropropene	ND<0.4	0.4
Trichloroethene	ND<0.1	0.1
Benzene	ND<0.3	0.3
Dibromochloromethane	ND<0.4	0.4
1,1,2-trichloroethane	ND<0.4	0.4

ND = Not detected at or above limit of detection.



Jaime Chow
Laboratory Director

Page 1 of 2

JC/td

OUTSTANDING QUALITY AND SERVICE
CALIFORNIA STATE CERTIFIED LABORATORY


Precision Analytical Laboratory, Inc.

4136 LAKESIDE DRIVE, RICHMOND, CA 94806

PHONE (510) 222-3002

FAX (510) 222-1251

STATE LICENSE NO. E 750

Received: 10/24/91

Reported: 11/14/91

Job #: 72953

Attn: Bob Kelly
P.R. Environmental

Project: P.G.&E.
4227 Hollis Street
Matrix: Soil

EPA METHOD 8240
PURGEABLE ORGANICS
mg/kg

Lab ID: 72953-Method Blank
Client ID: Method Blank

<u>Compound</u>	<u>Concentration</u>	<u>Limit of Detection</u>
Trans-1,3-dichloropropene	ND<0.4	0.4
2-chloroethyl vinyl ether	ND<0.7	0.7
Bromoform	ND<0.5	0.5
1,1,2,2-tetrachloroethane	ND<0.5	0.5
Tetrachloroethene	ND<0.2	0.2
Toluene	ND<0.2	0.2
Chlorobenzene	ND<0.2	0.2
Ethylbenzene	ND<0.2	0.2
1,3-Dichlorobenzene	ND<0.2	0.2
1,2-Dichlorobenzene	ND<0.2	0.2
1,4-Dichlorobenzene	ND<0.2	0.2
Dichlorodifluoromethane	ND<0.4	0.4
Freon 113	ND<0.6	0.6
M + P Xylene	ND<0.5	0.5
O-Xylene	ND<0.2	0.2
Acetone	ND<1.0	1.0
Carbon Disulfide	ND<0.8	0.8
4-Methyl-2-Pentanone	ND<0.7	0.7
2-Hexanone	ND<0.8	0.8
Styrene	ND<0.2	0.2
2-Butanone	ND<0.6	0.6
Vinyl Acetate	ND<0.6	0.6

ND = Not detected at or above limit of detection.

Precision Analytical Laboratory, Inc.

4136 LAKESIDE DRIVE, RICHMOND, CA 94806

PHONE (510) 222-3002

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CERTIFICATE OF ANALYSIS

STATE LICENSE NO. E 750

Attn: Bob Kelly
P.R. Environmental
912 Harbour Way South
Richmond, CA 94804

Received: 10/24/91
Reported: 11/14/91
Job #: 72953

Project: P.G.&E.
4227 Hollis Street
Matrix: Soil

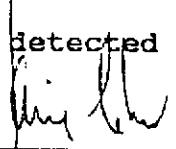
ACID & BASE/NEUTRAL EXTRACTABLES
EPA Method 8270 - Low Level
mg/Kg

Lab ID: 72953-Composite

Client ID: Spd-1, Spd-2, Spd-3, and Spd-4

<u>ACID COMPOUNDS</u>	<u>CONCENTRATION</u>	<u>LIMIT OF DETECTION</u>
Phenol	ND<0.08	0.08
2-chlorophenol	ND<0.06	0.06
2-methyl phenol	ND<0.09	0.09
4-methyl phenol	ND<0.10	0.10
2-nitrophenol	ND<0.06	0.06
2,4-dimethylphenol	ND<0.10	0.10
2,4-dichlorophenol	ND<0.10	0.10
4-chloro-3-methylphenol	ND<0.10	0.10
2,4,5-trichlorophenol	ND<0.07	0.07
2,4,6-trichlorophenol	ND<0.08	0.08
2,4-dinitrophenol	ND<0.40	0.40
4-nitrophenol	ND<0.10	0.10
2-methyl-4,6-dinitrophenol	ND<0.10	0.10
Pentachlorophenol	ND<0.30	0.30
<u>BASE/NEUTRAL COMPOUNDS</u>		
N-nitrosodimethylamine	ND<0.10	0.10
Bis(2-chloroethyl)ether	ND<0.04	0.04
1,3-dichlorobenzene	ND<0.50	0.50
1,4-dichlorobenzene	ND<0.50	0.50
1,2-dichlorobenzene	ND<0.40	0.40
Bis-(2-chloroisopropyl)ether	ND<0.20	0.20

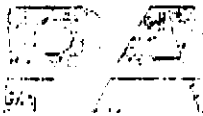
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Jaime Chew
Laboratory Director

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CALIFORNIA STATE CERTIFIED LABORATORY



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Project: P.G.&E.
4227 Hollis Street

Matrix: Soil

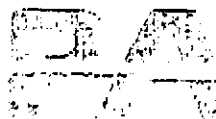
ACID & BASE/NEUTRAL EXTRACTABLES
EPA Method 8270 - Low Level
mg/Kg

Lab ID: 72953-Composite

Client ID: Spd-1, Spd-2, Spd-3, and Spd-4

Table with 3 columns: BASE/NEUTRAL COMPOUNDS, CONCENTRATION, and LIMIT OF DETECTION. Lists various chemical compounds and their corresponding detection limits.

ND = Not detected at or above limit of detection.



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4227 Hollis Street
Matrix: Soil

ACID & BASE/NEUTRAL EXTRACTABLES
EPA Method 8270 - Low Level
mg/Kg

Lab ID: 72953-Composite
Client ID: Spd-1, Spd-2, Spd-3, Spd-4

<u>BASE/NEUTRAL COMPOUNDS</u>	<u>CONCENTRATION</u>	<u>LIMIT OF DETECTION</u>
Phenanthrene	0.40	0.10
Anthracene	ND<0.20	0.20
Di-n-butylphthalate	ND<0.20	0.20
Fluoranthene	ND<0.50	0.50
Benzidine	ND<1	1
Pyrene	ND<0.60	0.60
Benzylbutylphthalate	ND<0.10	0.10
3,3-dichlorobenzidine	ND<0.30	0.30
Benzo(a)anthracene	ND<0.30	0.30
Bis-(2-ethylhexyl)phthalate	ND<0.10	0.10
Chrysene	ND<0.30	0.30
Di-n-octylphthalate	ND<0.13	0.13
Benzo(b)fluoranthene	0.30	0.20
Benzo(k)fluoranthene	ND<0.40	0.40
Benzo(a)pyrene	0.12	0.09
Indeno(1,2,3-cd)pyrene	ND<0.20	0.20
Dibenzo(a,h)anthracene	ND<0.20	0.20
Benzo(ghi)perylene	ND<0.20	0.20

ND = Not detected at or above limit of detection.

Precision Analytical Laboratory, Inc.

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CERTIFICATE OF ANALYSIS

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Received: 10/24/91
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Attn: Bob Kelly
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 912 Harbour Way South
 Richmond, CA 94804

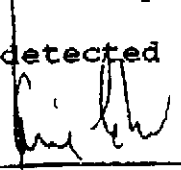
Project: P.G.&E.
 4227 Hollis Street
 Matrix: Soil

ACID & BASE/NEUTRAL EXTRACTABLES
 EPA Method 8270 - Low Level
 mg/Kg

Lab ID: 72953-5
 Client ID: East End of Tank

<u>ACID COMPOUNDS</u>	<u>CONCENTRATION</u>	<u>LIMIT OF DETECTION</u>
Phenol	ND<0.08	0.08
2-chlorophenol	ND<0.06	0.06
2-methyl phenol	ND<0.09	0.09
4-methyl phenol	ND<0.10	0.10
2-nitrophenol	ND<0.06	0.06
2,4-dimethylphenol	ND<0.10	0.10
2,4-dichlorophenol	ND<0.10	0.10
4-chloro-3-methylphenol	ND<0.10	0.10
2,4,5-trichlorophenol	ND<0.07	0.07
2,4,6-trichlorophenol	ND<0.08	0.08
2,4-dinitrophenol	ND<0.40	0.40
4-nitrophenol	ND<0.10	0.10
2-methyl-4,6-dinitrophenol	ND<0.10	0.10
Pentachlorophenol	ND<0.30	0.30
<u>BASE/NEUTRAL COMPOUNDS</u>		
N-nitrosodimethylamine	ND<0.10	0.10
Bis(2-chloroethyl) ether	ND<0.04	0.04
1,3-dichlorobenzene	ND<0.50	0.50
1,4-dichlorobenzene	ND<0.50	0.50
1,2-dichlorobenzene	ND<0.40	0.40
Bis-(2-chloroisopropyl) ether	ND<0.20	0.20

ND = Not detected at or above limit of detection.


 Jaime Chow
 Laboratory Director

STATE LICENSE NO. E 750

Received: 10/24/91
 Reported: 11/14/91
 Job #: 72953

Attn: Bob Kelly
 P.R. Environmental

Project: P.G.&E.
 4227 Hollis Street
 Matrix: Soil

ACID & BASE/NEUTRAL EXTRACTABLES
 EPA Method 8270 - Low Level
 mg/Kg

Lab ID: 72953-5

Client ID: East End of Tank

<u>BASE/NEUTRAL COMPOUNDS</u>	<u>CONCENTRATION</u>	<u>LIMIT OF DETECTION</u>
N-nitrosodi-n-propylamine	ND<0.10	0.10
Hexachloroethane	ND<0.50	0.50
Nitrobenzene	ND<0.06	0.06
Isophorone	ND<0.09	0.09
Bis-(2-chloroethoxy)methane	ND<0.10	0.10
1,2,4-trichlorobenzene	ND<0.30	0.30
Naphthalene	ND<0.20	0.20
Hexachlorobutadiene	ND<0.50	0.50
2-chloronaphthalene	ND<0.05	0.05
2-methyl naphthalene	ND<0.20	0.20
4-chloroaniline	ND<0.10	0.10
2-nitroaniline	ND<0.10	0.10
3-nitroaniline	ND<0.10	0.10
4-nitroaniline	ND<0.10	0.10
Hexachlorocyclopentadiene	ND<0.20	0.20
Dimethyl phthalate	ND<0.04	0.04
Acenaphthylene	ND<0.04	0.04
Acenaphthene	ND<0.04	0.04
2,4-dinitrotoluene	ND<0.10	0.10
2,6-dinitrotoluene	ND<0.06	0.06
Diethyl phthalate	ND<0.10	0.10
4-chlorophenylphenylether	ND<0.05	0.05
Fluorene	ND<0.20	0.20
N-nitrosodiphenylamine	ND<0.09	0.09
4-bromophenylphenylether	ND<0.07	0.07
Hexachlorobenzene	ND<0.20	0.20

ND = Not detected at or above limit of detection.

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Attn: Bob Kelly
P.R. Environmental

Project: P.G.&E.
4227 Hollis Street

Matrix: Soil

ACID & BASE/NEUTRAL EXTRACTABLES
EPA Method 8270 - Low Level
mg/Kg

Lab ID: 72953-5

Client ID: East End of Tank

<u>BASE/NEUTRAL COMPOUNDS</u>	<u>CONCENTRATION</u>	<u>LIMIT OF DETECTION</u>
Phenanthrene	ND<0.10	0.10
Anthracene	ND<0.20	0.20
Di-n-butylphthalate	ND<0.20	0.20
Fluoranthene	ND<0.50	0.50
Benzidine	ND<1	1
Pyrene	ND<0.60	0.60
Benzylbutylphthalate	ND<0.10	0.10
3,3-dichlorobenzidine	ND<0.30	0.30
Benzo(a)anthracene	ND<0.30	0.30
Bis-(2-ethylhexyl)phthalate	ND<0.10	0.10
Chrysene	ND<0.30	0.30
Di-n-octylphthalate	ND<0.13	0.13
Benzo(b)fluoranthene	ND<0.20	0.20
Benzo(k)fluoranthene	ND<0.40	0.40
Benzo(a)pyrene	ND<0.09	0.09
Indeno(1,2,3-cd)pyrene	ND<0.20	0.20
Dibenzo(a,h)anthracene	ND<0.20	0.20
Benzo(ghi)perylene	ND<0.20	0.20

ND = Not detected at or above limit of detection.

Attn: Bob Kelly
P.R. Environmental
922 Harbour Way South
Richmond, CA 94804

Project: P.G.&E.
4227 Hollis Street
Matrix: Soil

ACID & BASE/NEUTRAL EXTRACTABLES
EPA Method 8270 - Low Level
mg/Kg

Lab ID: 72953-Method Blank

Client ID: Method Blank

<u>ACID COMPOUNDS</u>	<u>CONCENTRATION</u>	<u>LIMIT OF DETECTION</u>
Phenol	ND<0.08	0.08
2-chlorophenol	ND<0.06	0.06
2-methyl phenol	ND<0.09	0.09
4-methyl phenol	ND<0.10	0.10
2-nitrophenol	ND<0.06	0.06
2,4-dimethylphenol	ND<0.10	0.10
2,4-dichlorophenol	ND<0.10	0.10
4-chloro-3-methylphenol	ND<0.10	0.10
2,4,5-trichlorophenol	ND<0.07	0.07
2,4,6-trichlorophenol	ND<0.08	0.08
2,4-dinitrophenol	ND<0.40	0.40
4-nitrophenol	ND<0.10	0.10
2-methyl-4,6-dinitrophenol	ND<0.10	0.10
Pentachlorophenol	ND<0.30	0.30

BASE/NEUTRAL COMPOUNDS

N-nitrosodimethylamine	ND<0.10	0.10
Bis(2-chloroethyl) ether	ND<0.04	0.04
1,3-dichlorobenzene	ND<0.50	0.50
1,4-dichlorobenzene	ND<0.50	0.50
1,2-dichlorobenzene	ND<0.40	0.40
Bis-(2-chloroisopropyl) ether	ND<0.20	0.20

ND = Not detected at or above limit of detection.


Jaime Chew
Laboratory Director

Page 1 of 3

JC/td

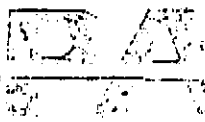
OUTSTANDING QUALITY AND SERVICE
CALIFORNIA STATE CERTIFIED LABORATORY

OV-14-91 THU

16:52

415 822 5298

P.21



STATE LICENSE NO. E 750

Received: 10/24/91
Reported: 11/14/91
Job #: 72953

Attn: Bob Kelly
P.R. Environmental

Project: P.G.&E.
4227 Hollis Street
Matrix: Soil

ACID & BASE/NEUTRAL EXTRACTABLES
EPA Method 8270 - Low Level
mg/Kg

Lab ID: 72953-Method Blank
Client ID: Method Blank

<u>BASE/NEUTRAL COMPOUNDS</u>	<u>CONCENTRATION</u>	<u>LIMIT OF DETECTION</u>
N-nitrosodi-n-propylamine	ND<0.10	0.10
Hexachloroethane	ND<0.50	0.50
Nitrobenzene	ND<0.06	0.06
Isophorone	ND<0.09	0.09
Bis-(2-chloroethoxy)methane	ND<0.10	0.10
1,2,4-trichlorobenzene	ND<0.30	0.30
Naphthalene	ND<0.20	0.20
Hexachlorobutadiene	ND<0.50	0.50
2-chloronaphthalene	ND<0.05	0.05
2-methyl naphthalene	ND<0.20	0.20
4-chloroaniline	ND<0.10	0.10
2-nitroaniline	ND<0.10	0.10
3-nitroaniline	ND<0.10	0.10
4-nitroaniline	ND<0.10	0.10
Hexachlorocyclopentadiene	ND<0.20	0.20
Dimethyl phthalate	ND<0.04	0.04
Acenaphthylene	ND<0.04	0.04
Acenaphthene	ND<0.04	0.04
2,4-dinitrotoluene	ND<0.10	0.10
2,6-dinitrotoluene	ND<0.06	0.06
Diethyl phthalate	ND<0.10	0.10
4-chlorophenylphenylether	ND<0.05	0.05
Fluorene	ND<0.20	0.20
N-nitrosodiphenylamine	ND<0.09	0.09
4-bromophenylphenylether	ND<0.07	0.07
Hexachlorobenzene	ND<0.20	0.20

ND = Not detected at or above limit of detection.

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Job #: 72953

Attn: Bob Kelly
P.R. Environmental

Project: P.G.&E.
4227 Hollis Street
Matrix: Soil

ACID & BASE/NEUTRAL EXTRACTABLES
EPA Method 8270 - Low Level
mg/Kg

Lab ID: 72953-Method Blank
Client ID: Method Blank

<u>BASE/NEUTRAL COMPOUNDS</u>	<u>CONCENTRATION</u>	<u>LIMIT OF DETECTION</u>
Phenanthrene	ND<0.10	0.10
Anthracene	ND<0.20	0.20
Di-n-butylphthalate	ND<0.20	0.20
Fluoranthene	ND<0.50	0.50
Benzidine	ND<1	1
Pyrene	ND<0.60	0.60
Benzylbutylphthalate	ND<0.10	0.10
3,3-dichlorobenzidine	ND<0.30	0.30
Benzo(a)anthracene	ND<0.30	0.30
Bis-(2-ethylhexyl)phthalate	ND<0.10	0.10
Chrysene	ND<0.30	0.30
Di-n-octylphthalate	ND<0.13	0.13
Benzo(b)fluoranthene	ND<0.20	0.20
Benzo(k)fluoranthene	ND<0.40	0.40
Benzo(a)pyrene	ND<0.09	0.09
Indeno(1,2,3-cd)pyrene	ND<0.20	0.20
Dibenzo(a,h)anthracene	ND<0.20	0.20
Benzo(ghi)perylene	ND<0.20	0.20

ND = Not detected at or above limit of detection.

PROJECT NO. 24E
 SAMPLERS (Signature) Mike Nara - Bob Kelly
 PROJECT NAME AND ADDRESS: AA - Environmental / PG. 6E - 4227 Holke St.
Fax (415) 237-6739

ANALYSIS REQUESTED
 TPH - Gas & Diesel (3370)
 BTEX - (8020)
 Halogenated (8010)
 Oil 1500 & Grease
 PCB - (8080)
 Metals (3370)
 8240
 8270
 REMARKS

CROSS REFERENCE NUMBER	DATE	TIME	SOIL	WATER	STATION LOCATION	TPH - Gas & Diesel (3370)	BTEX - (8020)	Halogenated (8010)	Oil 1500 & Grease	PCB - (8080)	Metals (3370)	8240	8270	REMARKS
Spd-1	10/23/91	12:05pm	Y			X		X	X	X	X	X	X	
Spd-2		12:10pm	Y			X		X	X	X	X	X	X	
Spd-3		12:15pm	Y			X		X	X	X	X	X	X	
Spd-4		12:20pm	Y			X		X	X	X	X	X	X	
- End of Zone		12:25pm	Y			X		X	X	X	X	X	X	
est End		12:30pm	Y			X		X	X	X	X	X	X	

RELINQUISHED BY: (Signature) <u>Bob Kelly</u>	DATE <u>10-24-91</u> TIME <u>1:45</u>	RECEIVED BY: (Signature) <u>[Signature]</u>	DATE <u>10-24-91</u> TIME <u>1:45pm</u>
RELINQUISHED BY: (Signature)	DATE	RECEIVED BY: (Signature)	DATE
RELINQUISHED BY: (Signature)	DATE	RECEIVED BY: (Signature)	DATE
RELINQUISHED BY: (Signature)	DATE	RECEIVED BY: (Signature)	DATE

Turnaround Time: * 24 hrs _____ * 2/3 days _____ * 4/5 X Normal _____ * Surcharge Applies

Special Instructions: _____

Possible Sample Hazards: _____