

Tom Edwards & Associates

Environmental Consulting

Telephone (510) 724-3121

2243 Del Monte Drive
San Pablo, California 94806

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FACSIMILE

TRANSMITTAL SHEET

Date: 8/28/96

Company Name: Alameda County Health

Contact Name: Brian Ohira

Fax Number: 337-9335

Sender: Tom Edwards

Description: Spil Sample results For

Brooks Auto

1101 28th Street

Oakland, CA.

If you have questions, please call.

Tom

Number of pages (including cover page): 26

If there are any problems with this transmission, please call (510) 724-3121

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GE Global Environmental Laboratory, Inc.

4118 CLIPPER COURT, FREMONT, CA 94538

PHONE (510) 498-1991

FAX (510) 498-1994

June 12, 1996

Tom Edwards & Associates
2243 Delmonte Dr.
San Pablo, CA 95008

Regarding: **Analytical Results**
Client Project: 1-10296
Global Lab Project: 960531A

Dear Mr. Tom Edwards :

Enclosed are the lab results for the samples submitted to Global Lab for the project above. The samples will be disposed of by the laboratory after 30 days from the time they were received.

We appreciate the opportunity to be of assistance to you. If you have any questions or comments, please feel free to contact me at (510) 498-1991.

Sincerely,



Lei Chen
Laboratory Director

GE Global Environmental Laboratory, Inc.

4118 CLIPPER COURT, FREMONT, CA 94538

PHONE (510) 498-1991

FAX (510) 498-1994

DHS (LUFT) TPH-BTEX REPORT

Client: Mr. Tom Edwards
 Tom Edwards Association
 2243 Delmonte Dr.
 San Pablo, CA 95008

Project: 1-10296
 Matrix: Soil

Date Sampled: 5-30-96
 Date Recieved: 5-31-96
 Date Analyzed: 6-5-96
 Date Reported: 6-10-96
 Lab Job #: 960531A

Client I.D.	Lab. I.D.	Benzene	Toluene	Ethyl Benzene	Total Xylenes	DF
SP-1,-2,-3,-4	960531A01-04	ND	ND	390	1200	1
TI-W	960531A05	1500	8100	7100	35000	1
TI-E	960531A06	1500	4100	1800	9100	1
T2	960531A07	3500	510	1200	4100	1
Units		ug/kg	ug/kg	ug/kg	ug/kg	
Reporting Limits		5ug/kg	5ug/kg	5ug/kg	5ug/kg	

ND Not Detected. All analytes recorded as ND were found to be at or below the Reporting Limit.

Reviewed By:


 Lei Chen, Laboratory Director

GE Global Environmental Laboratory, Inc.

4118 CLIPPER COURT, FREMONT, CA 94538

PHONE (510) 498-1991

FAX (510) 498-1994

DHS (LUFT) TPH-GASOLINE REPORT
(mg/kg)

Client: Mr. Tom Edwards
Tom Edwards Association
2243 Delmonte Dr.
San Pablo, CA 95008
Project: 1-10298
Matrix: Soil

Date Sampled: 5-30-96
Date Recieved: 5-31-96
Date Analyzed: 6-5-96
Date Reported: 6-10-96
Lab Job #: 960531A

Client I.D.	Lab. I.D.	8015M GASOLINE	DF
SP-1,-2,-3,-4	960531A01-04	50	1
TI-W	960531A05	530	1
TI-E	960531A06	120	1
T2	960531A07	380	1

Units mg/kg

Reporting Limit 1.0 mg/kg

ND Not Detected. All analytes recorded as ND were found to be at or below the Reporting Limit.

Reviewed By:


Lei Chen, Laboratory Director

EPA METHOD TEST QA/QC TABLE

GLOBAL PROJECT #: 960531A

Lab I.D.: 960601A-SP
 Client Project: 1-10296
 Ext/Prep. Method: EPA 5030
 Date: 06-05-96

Analytical Method: EPA M8015
 Analysis date: 06-05-96
 Matrix: Soil
 Unit: ug/kg

Analyte	Sample Result	Spike Level	Matrix Spike Result	MS Recovery %	Matrix Spike Dup. Result	MSD Recovery %	Average Recovery %R	LCL %R	UCL %R	RPD %	UCL %RPD
Benzene	0.00	50.00	47.20	94	47.25	95	94	66	142	0	21
Toluene	0.00	50.00	48.08	96	48.38	97	96	59	139	1	21
Chlorobenzene	0.00	50.00	47.85	96	48.03	96	96	60	133	0	21
Gasoline	0.00	2500.00	2975.00	119	2892.50	116	117	60	133	3	30

Notes:

- Sample Result-Concentration of Sample which is to used for Sample Spike & Sample Spike Duplicate
- Spike Level- Level of Concentration Added to the Sample
- MSP Result- Matrix Spike Result
- MSP %R- Matrix Spike Percent Recovery
- MSPD Result- Matrix Spike Duplicate Result
- MSPD %R- Matrix Spike Duplicate Percent Recovery
- AVG. %R - Average Recovery for MSP & MSPD % Recovery
- LCL- Lower Criteria Level
- UCL- Upper Criteria Level
- RPD- Relative Percent Difference

P.05
724-3157
(510)
Aug-28-96 08:17A Tom Edwards & Associates



4118 CLIPPER COURT, FREMONT, CA 94538 PHONE (510) 498-1991 FAX (510) 498-1994

DHS (LUFT) TPH-DIESEL REPORT

(mg/kg)

Client:	Mr. Tom Edwards Tom Edwards Association 2243 Delmonte Dr. San Pablo, C 95008	Date Sampled:	5-30-96
Project:	1-10298	Date Recieved:	5-31-96
Matrix:	Soil	Date Analyzed:	6-4-96
		Date Reported:	6-10-96
		Lab Job #:	960531A

Client I.D.	Lab. I.D.	8015M Diesel	DF
SP-1,-2,-3,-4	960531A01-04	90	1
TI-W	960531A05	870	1
TI-E	960531A08	320	1
Units		mg/kg	
Reporting Limit		1.0 mg/kg	

ND Not Detected. All analytes recorded as ND were found to be at or below the Reporting Limit.

Reviewed By:



 Lei Chen, Laboratory Director

EPA METHOD TEST QA/QC TABLE

GLOBAL PROJECT #: 960531A

Lab I.D.: 960531A-MSP
 Client Project: 1-10296
 Ext/Prep. Method: EPA 3550
 Date: 06-04-96

Analytical Method: EPA M8015
 Analysis date: 06-04-96
 Matrix: Soil
 Unit: mg/kg

Analyte	Sample Result	Spike Level	Matrix Spike Result	MS Recovery %	Matrix Spike Dup. Result	MSD Recovery %	Average Recovery %R	LCL %R	UCL %R	RPD %	UCL %RPD
TPH-Diesel	0.00	100.00	97.20	97	98.20	98	98	60	133	1	30

Notes:

- Sample Result-Concentration of Sample which is to used for Sample Spike & Sample Spike Duplicate
- Spike Level- Level of Concentration Added to the Sample
- MSP Result- Matrix Spike Result
- MSP %R- Matrix Spike Percent Recovery
- MSPD Result- Matrix Spike Duplicate Result
- MSPD %R- Matrix Spike Duplicate Percent Recovery
- AVG. %R - Average Recovery for MSP & MSPD % Recovery
- LCL- Lower Criteria Level
- UCL- Upper Criteria Level
- RPD- Relative Percent Difference

P.07
 724-3157
 (510)
 Aug-28-96 08:17A Tom Edwards & Associates

GE Global Environmental Laboratory, Inc.

4118 CLIPPER COURT, FREMONT, CA 94538

PHONE (510) 498-1991

FAX (510) 498-1994

EPA 5520 REPORT
(mg/kg)

Client: Mr. Tom Edwards
Tom Edwards Association
2243 Delmonte Dr.
San Pablo, CA 94806
Project: 1-10296
Matrix: Soil

Date Sampled: 5-30-96
Date Recieved: 5-31-96
Date Analyzed: 6-8-96
Date Reported: 6-10-96
Lab Job #: 960531A
Analysis: TOG

Client ID	Lab ID	Result	Reporting Limit	Spike % Recovery
SP-1, -2, -3, -4	960531A01, -02, -03, -04	580	1.0	80
TI-W	960531A05	1800	1.0	80
TI-E	960531A06		1.0	80

ND = Not Detected at or below to Reporting Limit

Reviewed By:



Lei Chen, Laboratory Director



4118 CLIPPER COURT, FREMONT, CA 94538

PHONE (510) 498-1991

FAX (510) 498-1994

EPA METHOD TITLE 22 METALS REPORT
(mg/kg)

Attn.: Mr. Tom Edwards
Tom Edwards Association
2243 Delmonle Dr.
San Pablo, CA 94806
Project: 1-10296
Matrix: Soil
Client I.D.: SP-1,-2,-3,-4

Date Sampled: 5-30-96
Date Received: 5-31-96
Date Analyzed: 6-5,9-96
Date Reported: 6-9-96
Lab. Project #: 960531A
Lab ID #: 960531A01-04

Metal	Result	Reporting Limit	Blank Result	Blank Spike Result (%)
Antimony	ND	2.0	ND	98
Arsenic	ND	1.0	ND	80
Barium	140	1.0	ND	104
Beryllium	ND	0.5	ND	98
Cadmium	ND	0.5	ND	88
Chromium	36	1.0	ND	100
Cobalt	8.7	1.0	ND	99.5
Copper	25	1.0	ND	98
Lead	10	1.0	ND	96
Molybdenum	ND	1.0	ND	98
Nickel	61	1.0	ND	98
Selenium	ND	2.0	ND	110
Silver	ND	1.0	ND	96
Thallium	ND	2.0	ND	107
Vanadium	27	1.0	ND	98.7
Zinc	100	1.0	ND	88
Mercury	ND	0.05	ND	98

ND = Not Detected at or below to Reporting Limit

Reviewed By:

ELAP#: I-1080


Lei Chen, Laboratory Director



4118 CLIPPER COURT, FREMONT, CA 94538

PHONE (510) 498-1991

FAX (510) 498-1994

EPA METHOD TITLE 22 METALS REPORT
(mg/kg)

Attn.: Mr. Tom Edwards
Tom Edwards Association
2243 Delmonte Dr.
San Pablo, CA 94806
Project: 1-10296
Matrix: Soil
Client I.D.: TI-W

Date Sampled: 5-30-96
Date Received: 5-31-96
Date Analyzed: 6-5-9-96
Date Reported: 6-9-96
Lab. Project #: 960531A
Lab ID #: 960531A05

Metal	Result	Reporting Limit	Blank Result	Blank Spike Result (%)
Antimony	ND	2.0	ND	98
Arsenic	ND	1.0	ND	80
Barium	120	1.0	ND	104
Beryllium	ND	0.5	ND	98
Cadmium	ND	0.5	ND	88
Chromium	29	1.0	ND	100
Cobalt	7.1	1.0	ND	99.5
Copper	18	1.0	ND	98
Lead	4.1	1.0	ND	96
Molybdenum	ND	1.0	ND	98
Nickel	44	1.0	ND	98
Selenium	ND	2.0	ND	110
Silver	ND	1.0	ND	96
Thallium	ND	2.0	ND	107
Vanadium	24	1.0	ND	98.7
Zinc	110	1.0	ND	88
Mercury	ND	0.05	ND	85

ND = Not Detected at or below to Reporting Limit

Reviewed By:

ELAP#: I-1080



Lei Chen, Laboratory Director



4118 CLIPPER COURT, FREMONT, CA 94538

PHONE (510) 498-1991

FAX (510) 498-1994

EPA METHOD TITLE 22 METALS REPORT
(mg/kg)

Attn.: Mr. Tom Edwards
Tom Edwards Association
2243 Delmonte Dr.
San Pablo, CA 94806

Project: 1-10296
Matrix: Soil
Client I.D.: TI-E

Date Sampled: 5-30-96
Date Received: 5-31-96
Date Analyzed: 6-5,9-96
Date Reported: 6-9-96
Lab. Project #: 960531A
Lab ID #: 960531A06

Metal	Result	Reporting Limit	Blank Result	Blank Spike Result (%)
Antimony	ND	2.0	ND	98
Arsenic	ND	1.0	ND	80
Barium	120	1.0	ND	104
Beryllium	ND	0.5	ND	98
Cadmium	ND	0.5	ND	88
Chromium	33	1.0	ND	100
Cobalt	8.9	1.0	ND	99.5
Copper	20	1.0	ND	98
Lead	3.5	1.0	ND	96
Molybdenum	ND	1.0	ND	98
Nickel	43	1.0	ND	98
Selenium	ND	2.0	ND	110
Silver	ND	1.0	ND	96
Thallium	ND	2.0	ND	107
Vanadium	28	1.0	ND	98.7
Zinc	110	1.0	ND	88
Mercury	ND	0.05	ND	85

ND = Not Detected at or below to Reporting Limit

Reviewed By:

ELAP#: I-1080



Lei Chen, Laboratory Director

OUTSTANDING QUALITY AND SERVICE

GE Global Environmental Laboratory, Inc.

4118 CLIPPER COURT, FREMONT, CA 94538

PHONE (510) 498-1991

FAX (510) 498-1994

EPA 8270 REPORT (mg/Kg)

Attn.: Mr. Tom Edwards
Tom Edwards Association
2243 Delmonte Dr.
San Pablo, CA 94806

Project: 1-10296
Matrix: Soil
Client I.D.: SP-1, -2, -3, -4

Date Sampled: 5-30-96
Date Received: 5-31-96
Date Analyzed: 6-5-96
Date Reported: 6-10-96
Lab. Project #: 960531A
Lab ID#: 960531A01,-02,-03,-04

COMPOUND	Result	Reporting Limit
acenaphthylene	ND	1.0
acenaphthene	ND	1.0
aniline	ND	1.0
anthracene	ND	1.0
azobenzene	ND	1.0
benzidine	ND	1.0
benzo (a) anthracene	ND	1.0
benzo(a)pyrene	ND	1.0
benzo(b)fluoranthene	ND	2.0
benzo(g,h,i) perylene	ND	1.0
benzo(k) fluoranthene	ND	2.0
benzoic acid	ND	1.0
bis(2-chloroethoxy) methane	ND	1.0
bis(2-chloroethyl) ether	ND	1.0
bis(2-chloroisopropyl) ether	ND	1.0
bis(2-ethylhexyl) phthalate	ND	1.0
4-bromophenyl phenyl ether	ND	1.0
butyl benzyl phthalate	ND	1.0
4-chloro-3-methylphenol	ND	1.0
4-chloroaniline	ND	1.0
1-chloronaphthalene	ND	1.0
2-chloronaphthalene	ND	1.0
2-chlorophenol	ND	1.0
chrysene	ND	1.0
di-n-butyl phthalate	ND	1.0
dibenzo(a,h)anthracene	ND	1.0
dibenzo(a,j)acridine	ND	1.0
dibenzofuran	ND	1.0

OUTSTANDING QUALITY AND SERVICE

GE Global Environmental Laboratory, Inc.

4118 CLIPPER COURT, FREMONT, CA 94538

PHONE (510) 498-1991

FAX (510) 498-1994

EPA 8270 REPORT (mg/Kg)

Attn.: Mr. Tom Edwards
Tom Edwards Association
2243 Delmonte Dr.
San Pablo, CA 94808

Project: 1-10296
Matrix: Soil
Client I.D.: SP-1, -2, -3, -4

Date Sampled: 5-30-96
Date Received: 5-31-96
Date Analyzed: 6-5-96
Date Reported: 6-10-96
Lab. Project #: 960531A
Lab ID#: 960531A01,-02,-03,-04

COMPOUND	Result	Reporting Limit
1,2-dichlorobenzene	ND	1.0
1,3-dichlorobenzene	ND	1.0
1,4-dichlorobenzene	ND	1.0
3,3-dichlorobenzidine	ND	1.0
2,4-dichlorophenol	ND	1.0
diethyl phthalate	ND	1.0
dimethyl phthalate	ND	1.0
2,4-dimethylphenol	ND	1.0
4,6-dinitro-2-methylphenol	ND	1.0
2,4-dinitrophenol	ND	1.0
2,4-dinitrotoluene	ND	1.0
2,6-dinitrotoluene	ND	1.0
fluoranthene	ND	1.0
fluorene	ND	1.0
hexachlorobenzene	ND	1.0
hexachlorobutadiene	ND	1.0
hexachlorocyclopentadiene	ND	1.0
hexachloroethane	ND	1.0
indeno(1,2,3-cd)pyrene	ND	1.0
isophorone	ND	1.0
2-methyl phenol	ND	1.0
4-methyl phenol	ND	1.0
2-methyl pyridine	ND	1.0
3-methylcholanthrene	ND	1.0
2-methylnaphthalene	ND	1.0
n-nitroso-di-phenylamine	ND	1.0
n-nitrosodi-n-propylamine	ND	1.0
naphthalene	ND	1.0
2-nitroaniline	ND	1.0
3-nitroaniline	ND	1.0

OUTSTANDING QUALITY AND SERVICE

GE Global Environmental Laboratory, Inc.

4118 CLIPPER COURT, FREMONT, CA 94538

PHONE (510) 498-1991

FAX (510) 498-1994

EPA 8270 REPORT
(mg/Kg)

Attn.: Mr. Tom Edwards
Tom Edwards Association
2243 Delmonte Dr.
San Pablo, CA 94806
Project: 1-10296
Matrix: Soil
Client I.D.: SP-1, -2, -3, -4

Date Sampled: 5-30-96
Date Received: 5-31-96
Date Analyzed: 6-5-96
Date Reported: 6-10-96
Lab. Project #: 960531A
Lab ID#: 960531A01,-02,-03,-04

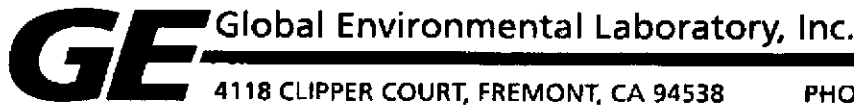
COMPOUND	Result	Reporting Limit
4-nitroaniline	ND	1.0
nitrobenzene	ND	1.0
2-nitrophenol	ND	1.0
4-nitrophenol	ND	1.0
pentachlorobenzene	ND	1.0
pentachlorophenol	ND	1.0
phenanthrene	ND	1.0
phenol	ND	2.0
pyrene	ND	1.0
1,2,4-trichlorobenzene	ND	1.0
2,4,5-trichlorophenol	ND	1.0
2,4,6-trichlorophenol	ND	1.0
SURROGATE COMPOUNDS	% Recovery	%Control Limits
Nitrobenzene-D5	67	35-114
2-Fluoro-Biphenyl	118	43-118
Terphenyl-D14	84	33-141
Phenol-D5	73	10-94
2-Fluoro phenol	67	21-100
2,4,6-Tribromo phenol	62	10-123

ND = Not Detected at or below to Reporting Limit

Reviewed By:



Lei Chen, Laboratory Director



4118 CLIPPER COURT, FREMONT, CA 94538

PHONE (510) 498-1991

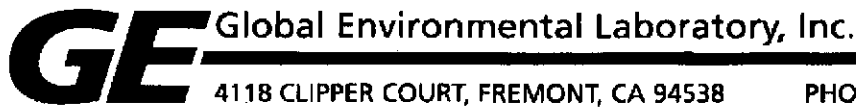
FAX (510) 498-1994

EPA 8270 REPORT
(mg/Kg)

Attn.: Mr. Tom Edwards
Tom Edwards Association
2243 Delmonte Dr.
San Pablo, CA 94806
Project: 1-10296
Matrix: Soil
Client I.D.: TI-W

Date Sampled: 5-30-96
Date Received: 5-31-96
Date Analyzed: 6-5-96
Date Reported: 6-10-96
Lab. Project #: 960531A
Lab ID#: 960531A05

COMPOUND	Result	Reporting Limit
acenaphthylene	ND	1.0
acenaphthene	ND	1.0
aniline	ND	1.0
anthracene	ND	1.0
azobenzene	ND	1.0
benzidine	ND	1.0
benzo (a) anthracene	ND	1.0
benzo(a)pyrene	ND	1.0
benzo(b)fluoranthene	ND	2.0
benzo(g,h,i) perylene	ND	1.0
benzo(k) fluoranthene	ND	2.0
benzoic acid	ND	1.0
bis(2-chloroethoxy) methane	ND	1.0
bis(2-chloroethyl) ether	ND	1.0
bis(2-chloroisopropyl) ether	ND	1.0
bis(2-ethylhexyl) phthalate	ND	1.0
4-bromophenyl phenyl ether	ND	1.0
butyl benzyl phthalate	ND	1.0
4-chloro-3-methylphenol	ND	1.0
4-chloroaniline	ND	1.0
1-chloronaphthalene	ND	1.0
2-chloronaphthalene	ND	1.0
2-chlorophenol	ND	1.0
chrysene	ND	1.0
di-n-butyl phthalate	ND	1.0
dibenzo(a,h)anthracene	ND	1.0
dibenzo(a,i)acridine	ND	1.0
dibenzofuran	ND	1.0



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PHONE (510) 498-1991

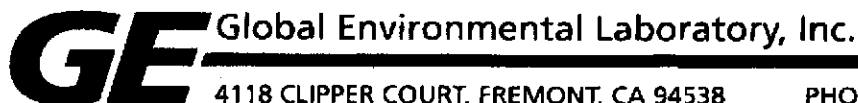
FAX (510) 498-1994

EPA 8270 REPORT
(mg/Kg)

Attn.: Mr. Tom Edwards
Tom Edwards Association
2243 Delmonte Dr.
San Pablo, CA 94806
Project: 1-10296
Matrix: Soil
Client I.D.: TI-W

Date Sampled: 5-30-96
Date Received: 5-31-96
Date Analyzed: 6-5-96
Date Reported: 6-10-96
Lab. Project #: 960531A
Lab ID#: 960531A05

COMPOUND	Result	Reporting Limit
1,2-dichlorobenzene	ND	1.0
1,3-dichlorobenzene	ND	1.0
1,4-dichlorobenzene	ND	1.0
3,3-dichlorobenzidine	ND	1.0
2,4-dichlorophenol	ND	1.0
diethyl phthalate	ND	1.0
dimethyl phthalate	ND	1.0
2,4-dimethylphenol	ND	1.0
4,6-dinitro-2-methylphenol	ND	1.0
2,4-dinitrophenol	ND	1.0
2,4-dinitrotoluene	ND	1.0
2,6-dinitrotoluene	ND	1.0
fluoranthene	ND	1.0
fluorene	ND	1.0
hexachlorobenzene	ND	1.0
hexachlorobutadiene	ND	1.0
hexachlorocyclopentadiene	ND	1.0
hexachloroethane	ND	1.0
indeno(1,2,3-cd)pyrene	ND	1.0
isophorone	ND	1.0
2-methyl phenol	ND	1.0
4-methyl phenol	ND	1.0
2-methyl pyridine	ND	1.0
3-methylcholanthrene	ND	1.0
2-methylnaphthalene	ND	1.0
n-nitroso-di-phenylamine	ND	1.0
n-nitrosodi-n-propylamine	ND	1.0
naphthalene	ND	1.0
2-nitroaniline	ND	1.0
3-nitroaniline	ND	1.0



4118 CLIPPER COURT, FREMONT, CA 94538

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EPA 8270 REPORT
(mg/Kg)

Attn.: Mr. Tom Edwards
Tom Edwards Association
2243 Delmonte Dr.
San Pablo, CA 94806
Project: 1-10296
Matrix: Soil
Client I.D.: TI-W

Date Sampled: 5-30-96
Date Received: 5-31-96
Date Analyzed: 6-5-96
Date Reported: 6-10-96
Lab. Project #: 960531A
Lab ID#: 960531A05

COMPOUND	Result	Reporting Limit
4-nitroaniline	ND	1.0
nitrobenzene	ND	1.0
2-nitrophenol	ND	1.0
4-nitrophenol	ND	1.0
pentachlorobenzene	ND	1.0
pentachlorophenol	ND	1.0
phenanthrene	ND	1.0
phenol	ND	2.0
pyrene	ND	1.0
1,2,4-trichlorobenzene	ND	1.0
2,4,5-trichlorophenol	ND	1.0
2,4,6-trichlorophenol	ND	1.0

SURROGATE COMPOUNDS	% Recovery	% Control Limits
Nitrobenzene-D5	61	35-114
2-Fluoro-Biphenyl	100	43-118
Terphenyl-D14	79	33-141
Phenol-D5	67	10-94
2-Fluoro phenol	64	21-100
2,4,6-Tribromo phenol	56	10-123

ND = Not Detected at or below to Reporting Limit

Reviewed By:

Lei Chen, Laboratory Director

GE Global Environmental Laboratory, Inc.

4118 CLIPPER COURT, FREMONT, CA 94538

PHONE (510) 498-1991

FAX (510) 498-1994

EPA 8270 REPORT (mg/Kg)

Attn.: Mr. Tom Edwards
Tom Edwards Association
2243 Delmonte Dr.
San Pablo, CA 94806

Project: 1-10296
Matrix: Soil
Client I.D.: T-E

Date Sampled: 5-30-96
Date Received: 5-31-96
Date Analyzed: 6-5-96
Date Reported: 6-10-96
Lab. Project #: 960531A
Lab ID#: 960531A06

COMPOUND	Result	Reporting Limit
acenaphthylene	ND	1.0
acenaphthene	ND	1.0
aniline	ND	1.0
anthracene	ND	1.0
azobenzene	ND	1.0
benzidine	ND	1.0
benzo (a) anthracene	ND	1.0
benzo(a)pyrene	ND	1.0
benzo(b)fluoranthene	ND	2.0
benzo(g,h,i) perylene	ND	1.0
benzo(k) fluoranthene	ND	2.0
benzoic acid	ND	1.0
bis(2-chloroethoxy) methane	ND	1.0
bis(2-chloroethyl) ether	ND	1.0
bis(2-chloroisopropyl) ether	ND	1.0
bis(2-ethylhexyl) phthalate	3.4	1.0
4-bromophenyl phenyl ether	ND	1.0
butyl benzyl phthalate	ND	1.0
4-chloro-3-methylphenol	ND	1.0
4-chloroaniline	ND	1.0
1-chloronaphthalene	ND	1.0
2-chloronaphthalene	ND	1.0
2-chlorophenol	ND	1.0
chrysene	ND	1.0
di-n-butyl phthalate	ND	1.0
dibenzo(a,h)anthracene	ND	1.0
dibenzo(a,j)acridine	ND	1.0
dibenzofuran	ND	1.0

GE Global Environmental Laboratory, Inc.

4118 CLIPPER COURT, FREMONT, CA 94538

PHONE (510) 498-1991

FAX (510) 498-1994

EPA 8270 REPORT (mg/Kg)

Attn.: Mr. Tom Edwards
Tom Edwards Association
2243 Delmonte Dr.
San Pablo, CA 94806

Project: 1-10296
Matrix: Soil
Client I.D.: TI-E

Date Sampled: 5-30-96
Date Received: 5-31-96
Date Analyzed: 6-5-96
Date Reported: 6-10-96
Lab. Project #: 960531A
Lab ID#: 960531A06

COMPOUND	Result	Reporting Limit
1,2-dichlorobenzene	ND	1.0
1,3-dichlorobenzene	ND	1.0
1,4-dichlorobenzene	ND	1.0
3,3-dichlorobenzidine	ND	1.0
2,4-dichlorophenol	ND	1.0
diethyl phthalate	ND	1.0
dimethyl phthalate	ND	1.0
2,4-dimethylphenol	ND	1.0
4,6-dinitro-2-methylphenol	ND	1.0
2,4-dinitrophenol	ND	1.0
2,4-dinitrotoluene	ND	1.0
2,6-dinitrotoluene	ND	1.0
fluoranthene	ND	1.0
fluorene	ND	1.0
hexachlorobenzene	ND	1.0
hexachlorobutadiene	ND	1.0
hexachlorocyclopentadiene	ND	1.0
hexachloroethane	ND	1.0
indeno(1,2,3-cd)pyrene	ND	1.0
isophorone	ND	1.0
2-methyl phenol	ND	1.0
4-methyl phenol	ND	1.0
2-methyl pyridine	ND	1.0
3-methylcholanthrene	ND	1.0
2-methylnaphthalene	29	1.0
n-nitroso-di-phenylamine	ND	1.0
n-nitrosodi-n-propylamine	ND	1.0
naphthalene	25	1.0
2-nitroaniline	ND	1.0
3-nitroaniline	ND	1.0

OUTSTANDING QUALITY AND SERVICE

GE Global Environmental Laboratory, Inc.

4118 CLIPPER COURT, FREMONT, CA 94538

PHONE (510) 498-1991

FAX (510) 498-1994

**EPA 8270 REPORT
(mg/Kg)**

Attn.: Mr. Tom Edwards
Tom Edwards Association
2243 Delmonte Dr.
San Pablo, CA 94806
Project: 1-10296
Matrix: Soil
Client I.D.: TI-E

Date Sampled: 5-30-96
Date Received: 5-31-96
Date Analyzed: 6-5-96
Date Reported: 6-10-96
Lab. Project #: 960531A
Lab ID#: 960531A06

COMPOUND	Result	Reporting Limit
4-nitroaniline	ND	1.0
nitrobenzene	ND	1.0
2-nitrophenol	ND	1.0
4-nitrophenol	ND	1.0
pentachlorobenzene	ND	1.0
pentachlorophenol	ND	1.0
nitrobenzene	2.0	1.0
phenol	ND	2.0
pyrene	ND	1.0
1,2,4-trichlorobenzene	ND	1.0
2,4,5-trichlorophenol	ND	1.0
2,4,6-trichlorophenol	ND	1.0
SURROGATE COMPOUNDS	% Recovery	%Control Limits
Nitrobenzene-D5	63	35-114
2-Fluoro-Biphenyl	98	43-118
Terphenyl-D14	82	33-141
Phenol-D5	68	10-94
2-Fluoro phenol	61	21-100
2,4,6-Tribromo phenol	63	10-123

ND = Not Detected at or below to Reporting Limit

Reviewed By:



Lei Chen, Laboratory Director

EPA METHOD TEST QA/QC TABLE

GLOBAL PROJECT #: 960531A

Lab I.D. Number: 960531A-MSP
 Client Project: 1-10296
 Ext/Prep. Method: EPA 3550
 Date: 06-05-96

Analytical Method: EPA 8270
 Analysis date: 06-06-96
 Matrix: Soil
 Unit: mg/kg

Analyte	Sample Result	Spike Level	MS Result	MS %R	MSD Result	MSD %R	AVE. %R	LCL %R	UCL %R	RPD %	UCL %RPD
Phenol	0	20	10.71	54	9.67	48	51	12	89	10	42
2-Chlorophenol	0	20	11.46	57	12.07	60	59	27	123	5	40
1,4-Dichlorobenzene	0	10	7.19	72	6.94	69	71	36	97	4	28
N-Nitroso-Di-n-Propylamine	0	10	6.22	62	5.74	57	60	41	116	8	38
1,2,4-Trichlorobenzene	0	10	9.33	93	9.9	99	96	39	98	6	28
4-Chloro-3-Methylphenol	0	20	14.97	75	14.75	74	74	23	97	1	42
Acenaphthene	0	10	6.59	66	6.32	63	65	46	118	4	31
4-Nitrophenol	0	20	13.24	66	12.17	61	64	10	80	8	50
2,4-dinitrotoluene	0	10	8.51	85	8.4	84	85	24	96	1	38
Pentachlorophenol	0	20	14.16	71	13.96	70	70	9	103	1	50
Pyrene	0	10	8.32	83	8.1	81	82	26	127	3	31

Notes:

- Spike Level- Level of Concentration Added to the Sample
- MS Result- Matrix Spike Result
- MS %R- Matrix Spike Percent Recovery
- MSD Result- Matrix Spike Duplicate Result
- MSD %R- Matrix Spike Duplicate Percent Recovery
- LCL- Lower Criteria Level
- UCL- Upper Criteria Level
- RPD- Relative Percent Difference



Global Environmental Laboratory, Inc.

4118 CLIPPER COURT, FREMONT, CA 94538

PHONE (510) 498-1991

FAX (510) 498-1994

EPA 8010 REPORT
(ug/kg)

Attn.: Mr. Tom Edwards
Tom Edwards Association
2243 Delmonte Dr.
San Pablo, CA 94806
Project: 1-10296
Matrix: Soil
Client I.D.: SP-1, -2, -3, -4

Date Sampled: 5-30-96
Date Received: 5-31-96
Date Analyzed: 6-3-96
Date Reported: 6-10-96
Lab. Project #: 960531A
Lab ID #: 960531A01, -02, -03, -04

Analyte	Result	Reporting Limit
Dichlorofluoromethane	ND	5.0
Chloromethane	ND	5.0
Bromomethane	ND	5.0
Vinyl chloride	ND	5.0
Chloroethane	ND	5.0
Trichlorofluoroethane	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	5.0
Trans-1,2-Dichloroethene	ND	5.0
1,1-Dichloroethane	ND	5.0
Cis-1,2-Dichloroethene	ND	5.0
Chloroform	ND	5.0
1,1,1-Trichloroethane	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropene	ND	5.0
Bromodichloromethane	ND	5.0
Trans-1,3-Dichloropropene	ND	5.0
Cis-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
Tetrachloroethene	ND	5.0
Dibromochloromethane	ND	5.0
Chlorobenzene	ND	5.0
Bromoform	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0

SURROGATE RECOVERY	% Recovery	% Control Limits
4-bromofluorobenzene	103	74-121

ND = Not Detected at Reporting Limit

Reviewed By:

ELAP#: I-1080


Lei Chen, Laboratory Director



4118 CLIPPER COURT, FREMONT, CA 94538 PHONE (510) 498-1991 FAX (510) 498-1994

EPA 8010 REPORT
(ug/kg)

Attn.: Mr. Tom Edwards
Tom Edwards Association
2243 Delmonte Dr.
San Pablo, CA 94806
Project: 1-10298
Matrix: Soil
Client I.D.: TI-W

Date Sampled: 5-30-96
Date Received: 5-31-96
Date Analyzed: 6-3-96
Date Reported: 6-10-96
Lab. Project #: 960531A
Lab ID #: 960531A05

Analyte	Result	Reporting Limit
Dichlorofluoromethane	ND	5.0
Chloromethane	ND	5.0
Bromomethane	ND	5.0
Vinyl chloride	ND	5.0
Chloroethane	ND	5.0
Trichlorofluoroethane	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	5.0
Trans-1,2-Dichloroethene	ND	5.0
1,1-Dichloroethane	ND	5.0
Cis-1,2-Dichloroethene	ND	5.0
Chloroform	ND	5.0
1,1,1-Trichloroethane	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropene	ND	5.0
Bromodichloromethane	ND	5.0
Trans-1,3-Dichloropropene	ND	5.0
Cis-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
Tetrachloroethene	ND	5.0
Dibromochloromethane	ND	5.0
Chlorobenzene	ND	5.0
Bromoform	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0

SURROGATE RECOVERY	% Recovery	% Control Limits
4-bromofluorobenzene	108	74-121

ND = Not Detected at Reporting Limit

Reviewed By:

ELAP#: I-1080


Lei Chen, Laboratory Director

GE Global Environmental Laboratory, Inc.

4118 CLIPPER COURT, FREMONT, CA 94538

PHONE (510) 498-1991

FAX (510) 498-1994

EPA 8010 REPORT (ug/kg)

Attn.: Mr. Tom Edwards
Tom Edwards Association
2243 Delmonte Dr.
San Pablo, CA 94806

Date Sampled: 5-30-96
Date Received: 5-31-96
Date Analyzed: 6-3-96
Date Reported: 6-10-96
Lab. Project #: 980531A
Lab ID #: 980531A06

Project: 1-10296
Matrix: Soil
Client I.D.: T-E

Analyte	Result	Reporting Limit
Dichlorofluoromethane	ND	5.0
Chloromethane	ND	5.0
Bromomethane	ND	5.0
Vinyl chloride	ND	5.0
Chloroethane	ND	5.0
Trichlorofluoroethane	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	5.0
Trans-1,2-Dichloroethene	ND	5.0
1,1-Dichloroethane	ND	5.0
Cis-1,2-Dichloroethene	ND	5.0
Chloroform	ND	5.0
1,1,1-Trichloroethane	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropene	ND	5.0
Bromodichloromethane	ND	5.0
Trans-1,3-Dichloropropene	ND	5.0
Cis-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
Tetrachloroethene	ND	5.0
Dibromochloromethane	ND	5.0
Chlorobenzene	ND	5.0
Bromoform	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0

SURROGATE RECOVERY	% Recovery	% Control Limits
4-bromofluorobenzene	100	74-121

ND = Not Detected at Reporting Limit

Reviewed By:

ELAP#: I-1080


Lei Chen, Laboratory Director

8010 TEST QA/QC TABLE

GLOBAL PROJECT #: 960531A

Lab I.D. Number: 960531A-MSP
 Client Project: 1-10296
 Ext/Prep. Method: EPA 5030
 Date: 6-4-96

Analytical Method: EPA 8010
 Analysis date: 6-4-96
 Matrix: Soil
 Unit: ug/kg

Analyte	Sample Result	Spike Level	MSP Result	MSP %R	MSPD Result	MSPD %R	AVE. %R	LCL %R	UCL %R	RPD %	UCL %RPD
1,1-Dichloroethene	0	125	128.61	103	119.78	96	99	59	172	7	14
Trichloroethene	0	125	113.83	91	112.92	90	91	62	137	1	14
Chlorobenzene	0	125	118.78	95	120.21	96	96	60	133	1	13

Notes:

- Sample Result-Concentration of Sample which is to used for Sample Spike & Sample Spike Duplicate
- Spike Level- Level of Concentration Added to the Sample
- MSP Result- Matrix Spike Result
- MSP %R- Matrix Spike Percent Recovery
- MSPD Result- Matrix Spike Duplicate Result
- MSPD %R- Matrix Spike Duplicate Percent Recovery
- AVG. %R - Average Recovery for MSP & MSPD % Recovery
- LCL- Lower Criteria Level
- UCL- Upper Criteria Level
- RPD- Relative Percent Difference

P.25
 724-3157
 (510)
 Aug-28-96 08:23A Tom Edwards & Associates

ADDITIONAL REQUESTS:
Composite SP-1 thru SP-4

CHAIN OF CUSTODY RECORD ANALYSIS REQUEST FORM FOR ENVIRONMENTAL SAMPLING

JOB # <i>1-10296</i>	JOB ADDRESS: <i>1101 28th St. Oakland, CA</i>	SAMPLER: <i>Tom Edwards</i>
LABORATORY NAME: GLOBAL ENVIRON. LABORATORY 4118 Clipper Ct., Fremont, CA 94538		

LAB ID NO.	SAMPLE NUMBER	SOIL	WATER	DATE	TIME	TVH-GAS BTEX	TEH-DIESEL	O & G	CAM 17	EPA 8240	EPA 8270	EPA 8010
	<i>SP-1</i>	<i>X</i>		<i>5/30/96</i>	<i>2:15</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	
	<i>SP-2</i>	<i>X</i>			<i>2:19</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	
	<i>SP-3</i>	<i>X</i>			<i>2:25</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	
	<i>SP-4</i>	<i>X</i>			<i>2:32</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	
	<i>T1-W</i>	<i>X</i>			<i>2:51</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	
	<i>T1-E</i>	<i>X</i>			<i>2:53</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	
	<i>T2</i>	<i>X</i>		<i>∇</i>	<i>2:48</i>	<i>X</i>						

Composite

Relinquished By:

Received By:

(Print Name) <i>Tom Edwards</i>	Date: <i>5/31/96</i>	(Print Name) <i>LEI CHEN</i>
(Signature) <i>[Signature]</i>	Time: <i>13:13</i>	(Signature) <i>[Signature]</i>
(Print Name)	Date:	(Print Name)
(Signature)	Time:	(Signature)
(Print Name)	Date:	(Print Name)
(Signature)	Time:	(Signature)

LABORATORY NOTES: 5 to 7 DAYS TURNAROUND TIME FOR ANALYSIS RESULTS
 PLEASE INCLUDE SAMPLE CONDITION REPORT WITH RESULTS
 PLEASE FAX A COPY OF THE ANALYTICAL RESULTS TO THE FOLLOWING:

TOM EDWARDS & ASSOCIATES (510) 724-3157