Phase I and Phase II Environmental Investigation
Yerba Buena Project Site
Emeryville, California

August 15, 1990
1649

Volume III of IV
Appendix E

Prepared for:

Catellus Development Corporation
201 Mission Street
San Francisco, California 94105

LEVINE·FRICKE

APPENDIX E

LABORATORY CERTIFICATES -- SOILS ANALYSES

File
1649

MED-TOX ASSOCIATES, INC.

ENVIRONMENTAL & OCCUPATIONAL HEALTH SERVICES

3440 Vincent Road Pleasant Hill, CA 94523 • (415) 930-9090 • FAX# (415) 930-0256

June 15, 1990

Levine-Fricke
1900 Powell St., 12th Floor
Emeryville, CA 94608

Attention: Glen Leong

Subject: Laboratory QA/QC for LF Project #1649

The quality assurance program at MED-TOX Associates, Inc. requires that valid quality control data for standards, method blanks, surrogates, and duplicate matrix spikes be within acceptable limits for all parameters before results are reported. In cases where the sample matrix causes reproducible unacceptable QC results, the data is reported with a footnote describing the analytical problems.

An internal audit of the quality control data conducted the week of June 11, 1990, verified that all quality assurance criteria were met for project #1649.

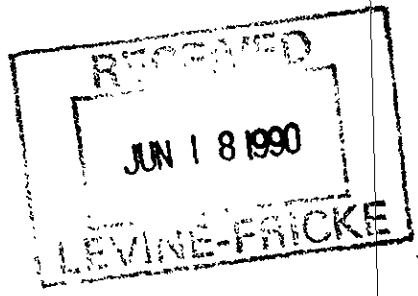
If you have any questions regarding MED-TOX quality assurance policy, please feel free to call me at 930-9090.

Submitted by,

Mike Lynch

Mike Lynch
Manager, Organic Laboratory

ML/gw



FILE
1649

MED-TOX ASSOCIATES, INC.

ENVIRONMENTAL & OCCUPATIONAL HEALTH SERVICES

3440 Vincent Road Pleasant Hill, CA 94523 • (415) 930-9090 • FAX# (415) 930-0256

LABORATORY ANALYSIS REPORT

LEVINE-FRICKE
1900 POWELL ST., 12TH FL.
EMERYVILLE, CA 94608

ATTN: AMANDA SPENCER

REPORT DATE: 02/14/90

DATE SAMPLED: 01/22-24/90
DATE RECEIVED: 01/24/90
DATE EXTRACTED: 01/31,02/02/90
DATE ANALYZED: 01/31-02/02/90

CLIENT PROJECT NO: 1649

MED-TOX JOB NO: 9001130

ANALYSIS OF: SOIL SAMPLES FOR EXTRACTABLE HYDROCARBONS, LEAD, CHLORINATED HERBICIDES, GC/MS VOLATILE ORGANICS, GC/MS EXTRACTABLES, POLYCHLORINATED BIPHENYLS, BTXE, PURGEABLE HYDROCARBONS, PRIORITY POLLUTANT METALS, AND ASBESTOS (PLM)

See attached for results

Michael Lynch, Manager
Organic Laboratory

FEB 15 1990

Results FAXed to Amanda Spencer 02/10/90 & 02/12/90

LEVINE-FRICKE

CLIENT PROJECT NO: 1649

REPORT DATE: 02/14/90

DATE EXTRACTED: 01/31,02/02/90
DATE ANALYZED: 01/31-02/02/90

MED-TOX JOB NO: 9001130

Sample Identification Client Id.	Lab No.	Extractable Hydrocarbons as Diesel (mg/kg)	Extractable Hydrocarbons as Waste Oil (mg/kg)	Lead (mg/kg)
A1(14)C	02A	ND	ND	6
A1(17.5)C	04A	ND	ND	5
A24(3.5)B	07A	ND	ND	--
A24(17)C	08A	ND	ND	4
A6(1.5)B	11A	ND	130	--
A7(5.5)B	14A	ND	ND	--
A5(3.5)B	17A	ND	460	--
A5(2)A	18A	ND	30	--
A8(2)A	21A	ND	40	--
A8(4.5)B	23A	ND	7,400	--
A9(4.5)B	25A	ND	340	--
LF1(1.5)B	28A	ND	30	--
LF2(3.5)B	31A	ND	ND	--
LF5(4.0)B	38A	ND	14,000	--
Detection limit		10	20	1
Method		8015	8015	7420
Instrument		1	1	V22

ND = Not Detected

CLIENT PROJECT NO: 1649
CLIENT SAMPLE ID: LF5(4.0)B
DATE SAMPLED: 01/24/90
DATE RECEIVED: 01/24/90

REPORT DATE: 02/14/90
MED-TOX LAB NO: 9001130-38A
MED-TOX JOB NO: 9001130
DATE ANALYZED: 02/01-04/90

EPA METHOD 8150*
HERBICIDES

Herbicide	Conc. (ug/kg)	Method Detection Limit (ug/kg)
MCPP	ND	5
MCPA	ND	5
Dalapon	70	5
Dicamba	ND	5
Dichlorprop	ND	5
2,4-D	ND	5
2,4,5-TP (SILVEX)	34	5
2,4,5-T	ND	5
2,4-DB	ND	5
Dinoseb	ND	5

ND = Not Detected

* Subcontracted to a DOHS certified laboratory

LEVINE-FRICKE

CLIENT ID: A6(25)C
CLIENT JOB NO: 1649
DATE SAMPLED: 01/24/90
DATE RECEIVED: 01/24/90
REPORT DATE: 02/14/90

MED-TOX LAB NO: 9001130-13A
MED-TOX JOB NO: 9001130
DATE ANALYZED: 01/26/90
INSTRUMENT: #12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	540-59-0	ND	5
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	108-88-3	ND	5
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: A5(3.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/24/90
DATE RECEIVED: 01/24/90
REPORT DATE: 02/14/90

MED-TOX LAB NO: 9001130-17A
MED-TOX JOB NO: 9001130
DATE ANALYZED: 01/26-29/90
INSTRUMENT: #12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	540-59-0	ND	5
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	**108-88-3**	**7**	**5**
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: A5(2)A
CLIENT JOB NO: 1649
DATE SAMPLED: 01/24/90
DATE RECEIVED: 01/24/90
REPORT DATE: 02/14/90

MED-TOX LAB NO: 9001130-18A
MED-TOX JOB NO: 9001130
DATE ANALYZED: 02/02/90
INSTRUMENT: #12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	540-59-0	ND	5
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	108-88-3	ND	5
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: LF1(1.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/23/90
DATE RECEIVED: 01/24/90
REPORT DATE: 02/14/90

MED-TOX LAB NO: 9001130-28A
MED-TOX JOB NO: 9001130
DATE ANALYZED: 01/26-29/90
INSTRUMENT: #12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	540-59-0	ND	5
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	**108-88-3**	**58**	**5**
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: LF2(3.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/22/90
DATE RECEIVED: 01/24/90
REPORT DATE: 02/14/90

MED-TOX LAB NO: 9001130-31A
MED-TOX JOB NO: 9001130
DATE ANALYZED: 01/26/90
INSTRUMENT: #12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	540-59-0	ND	5
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	**108-88-3**	**8**	**5**
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: LF5(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/24/90
DATE RECEIVED: 01/24/90
REPORT DATE: 02/14/90

MED-TOX LAB NO: 9001130-38A
MED-TOX JOB NO: 9001130
DATE ANALYZED: 01/26-29/90
INSTRUMENT: #12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	500
Benzene	71-43-2	ND	30
Bromodichloromethane	75-27-4	ND	30
Bromoform	75-25-2	ND	30
Bromomethane	74-83-9	ND	50
2-Butanone	78-93-3	ND	500
Carbon Disulfide	75-15-0	ND	50
Carbon Tetrachloride	56-23-5	ND	30
Chlorobenzene	108-90-7	ND	30
Chloroethane	75-00-3	ND	50
2-Chloroethyl Vinyl Ether	110-75-8	ND	50
Chloroform	67-66-3	ND	30
Chloromethane	74-87-3	ND	50
Dibromochloromethane	124-48-1	ND	30
1,1-Dichloroethane	75-34-3	ND	30
1,2-Dichloroethane	107-06-2	ND	30
1,1-Dichloroethene	75-35-4	ND	30
1,2-Dichloroethene, total	540-59-0	ND	30
1,2-Dichloropropane	78-87-5	ND	30
cis-1,3-Dichloropropene	10061-01-5	ND	30
trans-1,3-Dichloropropene	10061-02-6	ND	30
Ethylbenzene	100-41-4	ND	30
2-Hexanone	591-78-6	ND	250
Methylene Chloride	75-09-2	ND	30
4-Methyl-2-pentanone	108-10-1	ND	250
Styrene	100-42-5	ND	30
1,1,2,2-Tetrachloroethane	79-34-5	ND	30
Tetrachloroethene	127-18-4	ND	30
Toluene	**108-88-3**	**110**	**30**
1,1,1-Trichloroethane	71-55-6	ND	30
1,1,2-Trichloroethane	79-00-5	ND	30
Trichloroethene	79-01-6	ND	30
Vinyl Acetate	108-05-4	ND	250
Vinyl Chloride	75-01-4	ND	50
Xylenes, total	1330-20-7	ND	50

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: A5(3.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/24/90
DATE RECEIVED: 01/24/90
REPORT DATE: 02/14/90

MED-TOX LAB NO: 9001130-17A
MED-TOX JOB NO: 9001130
DATE EXTRACTED: 01/29/90
DATE ANALYZED: 01/30-02/01/90
INSTRUMENT: #11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzidine	92-87-5	ND	1600
Benzoic Acid	65-85-0	ND	1600
Benzo(a)anthracene	56-55-3	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(g,h,i)perylene	191-24-2	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzyl Alcohol	100-51-6	ND	660
Bis(2-chloroethoxy) methane	111-91-1	ND	330
Bis(2-chloroethyl)ether	111-44-4	ND	330
Bis(2-chloroisopropyl) ether	39638-32-9	ND	330
Bis(2-ethylhexyl) phthalate	117-81-7	ND	330
4-Bromophenyl phenyl ether	101-55-3	ND	330
Butylbenzyl phthalate	85-68-7	ND	330
4-Chloroaniline	106-47-8	ND	660
2-Chloronaphthalene	91-58-7	ND	330
4-Chlorophenyl phenyl ether	7005-72-3	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Dibenzofuran	132-64-9	ND	330
Di-n-butylphthalate	84-74-2	ND	330
1,2-Dichlorobenzene	95-50-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: A5(3.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/24/90
DATE RECEIVED: 01/24/90
REPORT DATE: 02/14/90

MED-TOX LAB NO: 9001130-17A
MED-TOX JOB NO: 9001130
DATE EXTRACTED: 01/29/90
DATE ANALYZED: 01/30-02/01/90
INSTRUMENT: #11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	330
1,4-Dichlorobenzene	106-46-7	ND	330
3,3'-Dichlorobenzidine	91-94-1	ND	660
Diethylphthalate	84-66-2	ND	330
Dimethylphthalate	131-11-3	ND	330
2,4-Dinitrotoluene	121-14-2	ND	330
2,6-Dinitrotoluene	606-20-2	ND	330
Di-n-octylphthalate	117-84-0	ND	330
1,2-Diphenylhydrazine	122-66-7	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Hexachlorobenzene	118-74-1	ND	330
Hexachlorobutadiene	87-68-3	ND	330
Hexachlorocyclopentadiene	77-47-4	ND	330
Hexachloroethane	67-72-1	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Isophorone	78-59-1	ND	330
2-Methylnaphthalene	91-57-6	ND	330
Naphthalene	91-20-3	ND	330
2-Nitroaniline	88-74-4	ND	1600
3-Nitroaniline	99-09-2	ND	1600
4-Nitroaniline	100-01-6	ND	1600
Nitrobenzene	98-95-3	ND	330
N-nitrosodimethylamine	62-75-9	ND	330
N-nitrosodiphenylamine	86-30-6	ND	330
N-nitroso-di-n-propylamine	621-64-7	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330
1,2,4-Trichlorobenzene	120-82-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: A5(3.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/24/90
DATE RECEIVED: 01/24/90
REPORT DATE: 02/14/90

MED-TOX LAB NO: 9001130-17A
MED-TOX JOB NO: 9001130
DATE EXTRACTED: 01/29/90
DATE ANALYZED: 01/30-02/01/90
INSTRUMENT: #11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	330
2-Chlorophenol	95-57-8	ND	330
2,4-Dichlorophenol	120-83-2	ND	330
2,4-Dimethylphenol	105-67-9	ND	330
4,6-Dinitro-2-methylphenol	534-52-1	ND	1600
2,4-Dinitrophenol	51-28-5	ND	1600
2-Methylphenol	95-48-7	ND	330
4-Methylphenol	106-44-5	ND	330
2-Nitrophenol	88-75-5	ND	330
4-Nitrophenol	100-02-7	ND	1600
Pentachlorophenol	87-86-5	ND	1600
Phenol	108-95-2	ND	330
2,4,5-Trichlorophenol	95-95-4	ND	330
2,4,6-Trichlorophenol	88-06-2	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: A5(2)A
CLIENT JOB NO: 1649
DATE SAMPLED: 01/24/90
DATE RECEIVED: 01/24/90
REPORT DATE: 02/14/90

MED-TOX LAB NO: 9001130-18A
MED-TOX JOB NO: 9001130
DATE EXTRACTED: 02/03/90
DATE ANALYZED: 02/05/90
INSTRUMENT: #11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzidine	92-87-5	ND	1600
Benzoic Acid	65-85-0	ND	1600
Benzo(a)anthracene	56-55-3	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(g,h,i)perylene	191-24-2	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzyl Alcohol	100-51-6	ND	660
Bis(2-chloroethoxy) methane	111-91-1	ND	330
Bis(2-chloroethyl)ether	111-44-4	ND	330
Bis(2-chloroisopropyl) ether	39638-32-9	ND	330
Bis(2-ethylhexyl) phthalate	117-81-7	ND	330
4-Bromophenyl phenyl ether	101-55-3	ND	330
Butylbenzyl phthalate	85-68-7	ND	330
4-Chloroaniline	106-47-8	ND	660
2-Chloronaphthalene	91-58-7	ND	330
4-Chlorophenyl phenyl ether	7005-72-3	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Dibenzofuran	132-64-9	ND	330
Di-n-butylphthalate	84-74-2	ND	330
1,2-Dichlorobenzene	95-50-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: A5(2)A
CLIENT JOB NO: 1649
DATE SAMPLED: 01/24/90
DATE RECEIVED: 01/24/90
REPORT DATE: 02/14/90

MED-TOX LAB NO: 9001130-18A
MED-TOX JOB NO: 9001130
DATE EXTRACTED: 02/03/90
DATE ANALYZED: 02/05/90
INSTRUMENT: #11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	330
1,4-Dichlorobenzene	106-46-7	ND	330
3,3'-Dichlorobenzidine	91-94-1	ND	660
Diethylphthalate	84-66-2	ND	330
Dimethylphthalate	131-11-3	ND	330
2,4-Dinitrotoluene	121-14-2	ND	330
2,6-Dinitrotoluene	606-20-2	ND	330
Di-n-octylphthalate	117-84-0	ND	330
1,2-Diphenylhydrazine	122-66-7	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Hexachlorobenzene	118-74-1	ND	330
Hexachlorobutadiene	87-68-3	ND	330
Hexachlorocyclopentadiene	77-47-4	ND	330
Hexachloroethane	67-72-1	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Isophorone	78-59-1	ND	330
2-Methylnaphthalene	91-57-6	ND	330
Naphthalene	91-20-3	ND	330
2-Nitroaniline	88-74-4	ND	1600
3-Nitroaniline	99-09-2	ND	1600
4-Nitroaniline	100-01-6	ND	1600
Nitrobenzene	98-95-3	ND	330
N-nitrosodimethylamine	62-75-9	ND	330
N-nitrosodiphenylamine	86-30-6	ND	330
N-nitroso-di-n-propylamine	621-64-7	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330
1,2,4-Trichlorobenzene	120-82-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: A5(2)A
CLIENT JOB NO: 1649
DATE SAMPLED: 01/24/90
DATE RECEIVED: 01/24/90
REPORT DATE: 02/14/90

MED-TOX LAB NO: 9001130-18A
MED-TOX JOB NO: 9001130
DATE EXTRACTED: 02/03/90
DATE ANALYZED: 02/05/90
INSTRUMENT: #11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	330
2-Chlorophenol	95-57-8	ND	330
2,4-Dichlorophenol	120-83-2	ND	330
2,4-Dimethylphenol	105-67-9	ND	330
4,6-Dinitro-2-methylphenol	534-52-1	ND	1600
2,4-Dinitrophenol	51-28-5	ND	1600
2-Methylphenol	95-48-7	ND	330
4-Methylphenol	106-44-5	ND	330
2-Nitrophenol	88-75-5	ND	330
4-Nitrophenol	100-02-7	ND	1600
Pentachlorophenol	87-86-5	ND	1600
Phenol	108-95-2	ND	330
2,4,5-Trichlorophenol	95-95-4	ND	330
2,4,6-Trichlorophenol	88-06-2	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: LF1(1.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/23/90
DATE RECEIVED: 01/24/90
REPORT DATE: 02/14/90

MED-TOX LAB NO: 9001130-28A
MED-TOX JOB NO: 9001130
DATE EXTRACTED: 01/29-02/03/90
DATE ANALYZED: 01/30-02/08/90
INSTRUMENT: #11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzidine	92-87-5	ND	1600
Benzoic Acid	65-85-0	ND	1600
Benzo(a)anthracene	56-55-3	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(g,h,i)perylene	191-24-2	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzyl Alcohol	100-51-6	ND	660
Bis(2-chloroethoxy) methane	111-91-1	ND	330
Bis(2-chloroethyl)ether	111-44-4	ND	330
Bis(2-chloroisopropyl) ether	39638-32-9	ND	330
Bis(2-ethylhexyl) phthalate	117-81-7	ND	330
4-Bromophenyl phenyl ether	101-55-3	ND	330
Butylbenzyl phthalate	85-68-7	ND	330
4-Chloroaniline	106-47-8	ND	660
2-Chloronaphthalene	91-58-7	ND	330
4-Chlorophenyl phenyl ether	7005-72-3	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Dibenzofuran	132-64-9	ND	330
Di-n-butylphthalate	84-74-2	ND	330
1,2-Dichlorobenzene	95-50-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: LF1(1.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/23/90
DATE RECEIVED: 01/24/90
REPORT DATE: 02/14/90

MED-TOX LAB NO: 9001130-28A
MED-TOX JOB NO: 9001130
DATE EXTRACTED: 01/29-02/03/90
DATE ANALYZED: 01/30-02/08/90
INSTRUMENT: #11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	330
1,4-Dichlorobenzene	106-46-7	ND	330
3,3'-Dichlorobenzidine	91-94-1	ND	660
Diethylphthalate	84-66-2	ND	330
Dimethylphthalate	131-11-3	ND	330
2,4-Dinitrotoluene	121-14-2	ND	330
2,6-Dinitrotoluene	606-20-2	ND	330
Di-n-octylphthalate	117-84-0	ND	330
1,2-Diphenylhydrazine	122-66-7	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Hexachlorobenzene	118-74-1	ND	330
Hexachlorobutadiene	87-68-3	ND	330
Hexachlorocyclopentadiene	77-47-4	ND	330
Hexachloroethane	67-72-1	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Isophorone	78-59-1	ND	330
2-Methylnaphthalene	91-57-6	ND	330
Naphthalene	91-20-3	ND	330
2-Nitroaniline	88-74-4	ND	1600
3-Nitroaniline	99-09-2	ND	1600
4-Nitroaniline	100-01-6	ND	1600
Nitrobenzene	98-95-3	ND	330
N-nitrosodimethylamine	62-75-9	ND	330
N-nitrosodiphenylamine	86-30-6	ND	330
N-nitroso-di-n-propylamine	621-64-7	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330
1,2,4-Trichlorobenzene	120-82-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: LF1(1.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/23/90
DATE RECEIVED: 01/24/90
REPORT DATE: 02/14/90

MED-TOX LAB NO: 9001130-28A
MED-TOX JOB NO: 9001130
DATE EXTRACTED: 01/29-02/03/90
DATE ANALYZED: 01/30-02/08/90
INSTRUMENT: #11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	330
2-Chlorophenol	95-57-8	ND	330
2,4-Dichlorophenol	120-83-2	ND	330
2,4-Dimethylphenol	105-67-9	ND	330
4,6-Dinitro-2-methylphenol	534-52-1	ND	1600
2,4-Dinitrophenol	51-28-5	ND	1600
2-Methylphenol	95-48-7	ND	330
4-Methylphenol	106-44-5	ND	330
2-Nitrophenol	88-75-5	ND	330
4-Nitrophenol	100-02-7	ND	1600
Pentachlorophenol	87-86-5	ND	1600
Phenol	108-95-2	ND	330
2,4,5-Trichlorophenol	95-95-4	ND	330
2,4,6-Trichlorophenol	88-06-2	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: LF2(3.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/22/90
DATE RECEIVED: 01/24/90
REPORT DATE: 02/14/90

MED-TOX LAB NO: 9001130-31A
MED-TOX JOB NO: 9001130
DATE EXTRACTED: 01/29/90
DATE ANALYZED: 01/30/90
INSTRUMENT: #11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzidine	92-87-5	ND	1600
Benzoic Acid	65-85-0	ND	1600
Benzo(a)anthracene	56-55-3	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(g,h,i)perylene	191-24-2	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzyl Alcohol	100-51-6	ND	660
Bis(2-chloroethoxy) methane	111-91-1	ND	330
Bis(2-chloroethyl)ether	111-44-4	ND	330
Bis(2-chloroisopropyl) ether	39638-32-9	ND	330
Bis(2-ethylhexyl) phthalate	117-81-7	ND	330
4-Bromophenyl phenyl ether	101-55-3	ND	330
Butylbenzyl phthalate	85-68-7	ND	330
4-Chloroaniline	106-47-8	ND	660
2-Chloronaphthalene	91-58-7	ND	330
4-Chlorophenyl phenyl ether	7005-72-3	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Dibenzofuran	132-64-9	ND	330
Di-n-butylphthalate	84-74-2	ND	330
1,2-Dichlorobenzene	95-50-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: LF2(3.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/22/90
DATE RECEIVED: 01/24/90
REPORT DATE: 02/14/90

MED-TOX LAB NO: 9001130-31A
MED-TOX JOB NO: 9001130
DATE EXTRACTED: 01/29/90
DATE ANALYZED: 01/30/90
INSTRUMENT: #11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	330
1,4-Dichlorobenzene	106-46-7	ND	330
3,3'-Dichlorobenzidine	91-94-1	ND	660
Diethylphthalate	84-66-2	ND	330
Dimethylphthalate	131-11-3	ND	330
2,4-Dinitrotoluene	121-14-2	ND	330
2,6-Dinitrotoluene	606-20-2	ND	330
Di-n-octylphthalate	117-84-0	ND	330
1,2-Diphenylhydrazine	122-66-7	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Hexachlorobenzene	118-74-1	ND	330
Hexachlorobutadiene	87-68-3	ND	330
Hexachlorocyclopentadiene	77-47-4	ND	330
Hexachloroethane	67-72-1	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Isophorone	78-59-1	ND	330
2-Methylnaphthalene	91-57-6	ND	330
Naphthalene	91-20-3	ND	330
2-Nitroaniline	88-74-4	ND	1600
3-Nitroaniline	99-09-2	ND	1600
4-Nitroaniline	100-01-6	ND	1600
Nitrobenzene	98-95-3	ND	330
N-nitrosodimethylamine	62-75-9	ND	330
N-nitrosodiphenylamine	86-30-6	ND	330
N-nitroso-di-n-propylamine	621-64-7	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330
1,2,4-Trichlorobenzene	120-82-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: LF2(3.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/22/90
DATE RECEIVED: 01/24/90
REPORT DATE: 02/14/90

MED-TOX LAB NO: 9001130-31A
MED-TOX JOB NO: 9001130
DATE EXTRACTED: 01/29/90
DATE ANALYZED: 01/30/90
INSTRUMENT: #11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	330
2-Chlorophenol	95-57-8	ND	330
2,4-Dichlorophenol	120-83-2	ND	330
2,4-Dimethylphenol	105-67-9	ND	330
4,6-Dinitro-2-methylphenol	534-52-1	ND	1600
2,4-Dinitrophenol	51-28-5	ND	1600
2-Methylphenol	95-48-7	ND	330
4-Methylphenol	106-44-5	ND	330
2-Nitrophenol	88-75-5	ND	330
4-Nitrophenol	100-02-7	ND	1600
Pentachlorophenol	87-86-5	ND	1600
Phenol	108-95-2	ND	330
2,4,5-Trichlorophenol	95-95-4	ND	330
2,4,6-Trichlorophenol	88-06-2	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: LF5(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/24/90
DATE RECEIVED: 01/24/90
REPORT DATE: 02/14/90

MED-TOX LAB NO: 9001130-38A
MED-TOX JOB NO: 9001130
DATE EXTRACTED: 01/29/90
DATE ANALYZED: 01/30-02/01/90
INSTRUMENT: #11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	3,300
Acenaphthylene	208-96-8	ND	3,300
Anthracene	120-12-7	ND	3,300
Benzidine	92-87-5	ND	16,000
Benzoic Acid	65-85-0	ND	16,000
Benzo(a)anthracene	56-55-3	ND	3,300
Benzo(b)fluoranthene	205-99-2	ND	3,300
Benzo(k)fluoranthene	207-08-9	ND	3,300
Benzo(g,h,i)perylene	191-24-2	ND	3,300
Benzo(a)pyrene	50-32-8	ND	3,300
Benzyl Alcohol	100-51-6	ND	6,600
Bis(2-chloroethoxy) methane	111-91-1	ND	3,300
Bis(2-chloroethyl)ether	111-44-4	ND	3,300
Bis(2-chloroisopropyl) ether	39638-32-9	ND	3,300
Bis(2-ethylhexyl) phthalate	117-81-7	ND	3,300
4-Bromophenyl phenyl ether	101-55-3	ND	3,300
Butylbenzyl phthalate	85-68-7	ND	3,300
4-Chloroaniline	106-47-8	ND	6,600
2-Chloronaphthalene	91-58-7	ND	3,300
4-Chlorophenyl phenyl ether	7005-72-3	ND	3,300
Chrysene	218-01-9	ND	3,300
Dibenzo(a,h)anthracene	53-70-3	ND	3,300
Dibenzofuran	132-64-9	ND	3,300
Di-n-butylphthalate	84-74-2	ND	3,300
1,2-Dichlorobenzene	95-50-1	ND	3,300

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: LF5(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/24/90
DATE RECEIVED: 01/24/90
REPORT DATE: 02/14/90

MED-TOX LAB NO: 9001130-38A
MED-TOX JOB NO: 9001130
DATE EXTRACTED: 01/29/90
DATE ANALYZED: 01/30-02/01/90
INSTRUMENT: #11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	3,300
1,4-Dichlorobenzene	106-46-7	ND	3,300
3,3'-Dichlorobenzidine	91-94-1	ND	6,600
Diethylphthalate	84-66-2	ND	3,300
Dimethylphthalate	131-11-3	ND	3,300
2,4-Dinitrotoluene	121-14-2	ND	3,300
2,6-Dinitrotoluene	606-20-2	ND	3,300
Di-n-octylphthalate	117-84-0	ND	3,300
1,2-Diphenylhydrazine	122-66-7	ND	3,300
Fluoranthene	206-44-0	ND	3,300
Fluorene	86-73-7	ND	3,300
Hexachlorobenzene	118-74-1	ND	3,300
Hexachlorobutadiene	87-68-3	ND	3,300
Hexachlorocyclopentadiene	77-47-4	ND	3,300
Hexachloroethane	67-72-1	ND	3,300
Indeno(1,2,3-cd)pyrene	193-39-5	ND	3,300
Isophorone	78-59-1	ND	3,300
2-Methylnaphthalene	91-57-6	ND	3,300
Naphthalene	91-20-3	ND	3,300
2-Nitroaniline	88-74-4	ND	16,000
3-Nitroaniline	99-09-2	ND	16,000
4-Nitroaniline	100-01-6	ND	16,000
Nitrobenzene	98-95-3	ND	3,300
N-nitrosodimethylamine	62-75-9	ND	3,300
N-nitrosodiphenylamine	86-30-6	ND	3,300
N-nitroso-di-n-propylamine	621-64-7	ND	3,300
Phenanthrene	85-01-8	ND	3,300
Pyrene	129-00-0	ND	3,300
1,2,4-Trichlorobenzene	120-82-1	ND	3,300

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: LF5(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/24/90
DATE RECEIVED: 01/24/90
REPORT DATE: 02/14/90

MED-TOX LAB NO: 9001130-38A
MED-TOX JOB NO: 9001130
DATE EXTRACTED: 01/29/90
DATE ANALYZED: 01/30-02/01/90
INSTRUMENT: #11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	3,300
2-Chlorophenol	95-57-8	ND	3,300
2,4-Dichlorophenol	120-83-2	ND	3,300
2,4-Dimethylphenol	105-67-9	ND	3,300
4,6-Dinitro-2-methylphenol	534-52-1	ND	16,000
2,4-Dinitrophenol	51-28-5	ND	16,000
2-Methylphenol	95-48-7	ND	3,300
4-Methylphenol	106-44-5	ND	3,300
2-Nitrophenol	88-75-5	ND	3,300
4-Nitrophenol	100-02-7	ND	16,000
Pentachlorophenol	87-86-5	ND	16,000
Phenol	108-95-2	ND	3,300
2,4,5-Trichlorophenol	95-95-4	ND	3,300
2,4,6-Trichlorophenol	88-06-2	ND	3,300

ND = Not Detected

Sample was diluted 10x due to significant hydrocarbon content.
Detection limits have been adjusted accordingly.

LEVINE-FRICKE

CLIENT ID: A6(1.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/23/90
DATE RECEIVED: 01/24/90
REPORT DATE: 02/14/90

MED-TOX LAB NO: 9001130-11A
MED-TOX JOB NO: 9001130
DATE EXTRACTED: 01/31/90
DATE ANALYZED: 02/01/90
INSTRUMENT: #2

EPA METHOD 8080

POLYCHLORINATED BIPHENYLS

AROCLOR	CAS #	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)
Aroclor 1016	12674-11-2	ND	0.05
Aroclor 1221	11104-28-2	ND	0.05
Aroclor 1232	11141-16-5	ND	0.05
Aroclor 1242	53469-21-9	ND	0.05
Aroclor 1248	12672-29-6	ND	0.05
Aroclor 1254	11097-69-1	ND	0.05
Aroclor 1260	11096-82-5	ND	0.05

ND = Not Detected

Analytical Method: EPA 8080, SW-846 3rd Edition, 1986

LEVINE-FRICKE

CLIENT ID: A8(2)A
CLIENT JOB NO: 1649
DATE SAMPLED: 01/24/90
DATE RECEIVED: 01/24/90
REPORT DATE: 02/14/90

MED-TOX LAB NO: 9001130-21A
MED-TOX JOB NO: 9001130
DATE EXTRACTED: 02/08/90
DATE ANALYZED: 02/08/90
INSTRUMENT: #2

EPA METHOD 8080

POLYCHLORINATED BIPHENYLS

AROCLOR	CAS #	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)
Aroclor 1016	12674-11-2	ND	0.05
Aroclor 1221	11104-28-2	ND	0.05
Aroclor 1232	11141-16-5	ND	0.05
Aroclor 1242	53469-21-9	ND	0.05
Aroclor 1248	12672-29-6	ND	0.05
Aroclor 1254	11097-69-1	ND	0.05
Aroclor 1260	11096-82-5	ND	0.05

ND = Not Detected

Analytical Method: EPA 8080, SW-846 3rd Edition, 1986

LEVINE-FRICKE

CLIENT ID: A8(4.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/24/90
DATE RECEIVED: 01/24/90
REPORT DATE: 02/14/90

MED-TOX LAB NO: 9001130-23A
MED-TOX JOB NO: 9001130
DATE EXTRACTED: 01/31-02/02/90
DATE ANALYZED: 02/01-05/90
INSTRUMENT: #2

EPA METHOD 8080

POLYCHLORINATED BIPHENYLS

AROCLOR	CAS #	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)
Aroclor 1016	12674-11-2	ND	0.05
Aroclor 1221	11104-28-2	ND	0.05
Aroclor 1232	11141-16-5	ND	0.05
Aroclor 1242	53469-21-9	ND	0.05
Aroclor 1248	12672-29-6	ND	0.05
Aroclor 1254	11097-69-1	ND	0.05
Aroclor 1260	11096-82-5	ND	0.05

ND = Not Detected

Analytical Method: EPA 8080, SW-846 3rd Edition, 1986

LEVINE-FRICKE

CLIENT ID: A9(4.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/24/90
DATE RECEIVED: 01/24/90
REPORT DATE: 02/14/90

MED-TOX LAB NO: 9001130-25A
MED-TOX JOB NO: 9001130
DATE EXTRACTED: 01/31/90
DATE ANALYZED: 02/01/90
INSTRUMENT: #2

EPA METHOD 8080

POLYCHLORINATED BIPHENYLS

AROCLOR	CAS #	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)
Aroclor 1016	12674-11-2	ND	0.05
Aroclor 1221	11104-28-2	ND	0.05
Aroclor 1232	11141-16-5	ND	0.05
Aroclor 1242	53469-21-9	ND	0.05
Aroclor 1248	12672-29-6	ND	0.05
Aroclor 1254	11097-69-1	ND	0.05
Aroclor 1260	11096-82-5	ND	0.05

ND = Not Detected

Analytical Method: EPA 8080, SW-846 3rd Edition, 1986

LEVINE-FRICKE

CLIENT ID: A1(14)C
CLIENT JOB NO: 1649
DATE SAMPLED: 01/22/90
DATE RECEIVED: 01/24/90
REPORT DATE: 02/14/90

MED-TOX LAB NO: 9001130-02A
MED-TOX JOB NO: 9001130
DATE ANALYZED: 02/02/90
INSTRUMENT: 9

BTXE AND HYDROCARBONS

METHOD: EPA 8020, 8015 (PURGE & TRAP)

	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Benzene	ND	1
Toluene	19	1
Ethylbenzene	ND	1
Xylenes	ND	3
PURGEABLE HYDROCARBONS AS:		
Gasoline	ND mg/kg	0.2 mg/kg

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: A1(17.5)C
CLIENT JOB NO: 1649
DATE SAMPLED: 01/22/90
DATE RECEIVED: 01/24/90
REPORT DATE: 02/14/90

MED-TOX LAB NO: 9001130-04A
MED-TOX JOB NO: 9001130
DATE ANALYZED: 01/29/90
INSTRUMENT: 9

BTXE AND HYDROCARBONS

METHOD: EPA 8020, 8015 (PURGE & TRAP)

	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Benzene	ND	1
Toluene	ND	1
Ethylbenzene	ND	1
Xylenes	ND	3
PURGEABLE HYDROCARBONS AS:		
Gasoline	ND mg/kg	10 mg/kg

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: A24(3.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/23/90
DATE RECEIVED: 01/24/90
REPORT DATE: 02/14/90

MED-TOX LAB NO: 9001130-07A
MED-TOX JOB NO: 9001130
DATE ANALYZED: 01/29/90
INSTRUMENT: 9

BTXE AND HYDROCARBONS

METHOD: EPA 8020, 8015 (PURGE & TRAP)

	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Benzene	ND	1
Toluene	30	1
Ethylbenzene	ND	1
Xylenes	ND	3
PURGEABLE HYDROCARBONS AS:		
Gasoline	ND mg/kg	0.2 mg/kg

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: A24(17)C
CLIENT JOB NO: 1649
DATE SAMPLED: 01/23/90
DATE RECEIVED: 01/24/90
REPORT DATE: 02/14/90

MED-TOX LAB NO: 9001130-08A
MED-TOX JOB NO: 9001130
DATE ANALYZED: 01/29/90
INSTRUMENT: 9

BTXE AND HYDROCARBONS

METHOD: EPA 8020, 8015 (PURGE & TRAP)

	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Benzene	ND	1
Toluene	15	1
Ethylbenzene	ND	1
Xylenes	ND	3

PURGEABLE HYDROCARBONS AS:

Gasoline	ND mg/kg	0.2 mg/kg

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: A6(1.5)B
CLIENT JOB NO: 1649
DATE RECEIVED: 01/24/90

MED-TOX LAB NO: 9001130-11A
MED-TOX JOB NO: 9001130
REPORT DATE: 02/14/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	3.7	0.5	7060	V12
Be	Beryllium	0.5	0.2	7090	V22
Cd	Cadmium	0.3	0.2	7130	V22
Cr	Chromium	27	1	7190	V22
Cu	Copper	27	1	7210	V22
Pb	Lead	72	1	7420	V22
Hg	Mercury	0.4	0.2	7471	Hg
Ni	Nickel	27	1	7520	V22
Se	Selenium	3	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	99	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: A6(25)C
CLIENT JOB NO: 1649
DATE RECEIVED: 01/24/90

MED-TOX LAB NO: 9001130-13A
MED-TOX JOB NO: 9001130
REPORT DATE: 02/14/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	6.0	0.5	7060	V12
Be	Beryllium	0.3	0.2	7090	V22
Cd	Cadmium	0.2	0.2	7130	V22
Cr	Chromium	42	1	7190	V22
Cu	Copper	17	1	7210	V22
Pb	Lead	5	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	50	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	39	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: A7(5.5)B
CLIENT JOB NO: 1649
DATE RECEIVED: 01/24/90

MED-TOX LAB NO: 9001130-14A
MED-TOX JOB NO: 9001130
REPORT DATE: 02/14/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	4.8	0.5	7060	V12
Be	Beryllium	0.4	0.2	7090	V22
Cd	Cadmium	ND	0.2	7130	V22
Cr	Chromium	28	1	7190	V22
Cu	Copper	16	1	7210	V22
Pb	Lead	6	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	36	1	7520	V22
Se	Selenium	2	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	36	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: A5(3.5)B
CLIENT JOB NO: 1649
DATE RECEIVED: 01/24/90

MED-TOX LAB NO: 9001130-17A
MED-TOX JOB NO: 9001130
REPORT DATE: 02/14/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	3.6	0.5	7060	V12
Be	Beryllium	0.4	0.2	7090	V22
Cd	Cadmium	2.8	0.2	7130	V22
Cr	Chromium	58	1	7190	V22
Cu	Copper	49	1	7210	V22
Pb	Lead	1,400	1	7420	V22
Hg	Mercury	1.9	0.2	7471	Hg
Ni	Nickel	27	1	7520	V22
Se	Selenium	2	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	200	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: A5(2)A
CLIENT JOB NO: 1649
DATE RECEIVED: 01/24/90

MED-TOX LAB NO: 9001130-18A
MED-TOX JOB NO: 9001130
REPORT DATE: 02/14/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	6.9	0.5	7060	V12
Be	Beryllium	0.5	0.2	7090	V22
Cd	Cadmium	0.6	0.2	7130	V22
Cr	Chromium	42	1	7190	V22
Cu	Copper	51	1	7210	V22
Pb	Lead	100	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	40	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	110	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: A8(2)A
CLIENT JOB NO: 1649
DATE RECEIVED: 01/24/90

MED-TOX LAB NO: 9001130-21A
MED-TOX JOB NO: 9001130
REPORT DATE: 02/14/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	4.4	0.5	7060	V12
Be	Beryllium	0.7	0.2	7090	V22
Cd	Cadmium	0.2	0.2	7130	V22
Cr	Chromium	47	1	7190	V22
Cu	Copper	20	1	7210	V22
Pb	Lead	7	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	44	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	47	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: A8(4.5)B
CLIENT JOB NO: 1649
DATE RECEIVED: 01/24/90

MED-TOX LAB NO: 9001130-23A
MED-TOX JOB NO: 9001130
REPORT DATE: 02/14/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	3.2	0.5	7060	V12
Be	Beryllium	0.4	0.2	7090	V22
Cd	Cadmium	0.3	0.2	7130	V22
Cr	Chromium	30	1	7190	V22
Cu	Copper	35	1	7210	V22
Pb	Lead	58	1	7420	V22
Hg	Mercury	0.4	0.2	7471	Hg
Ni	Nickel	31	1	7520	V22
Se	Selenium	2	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	92	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: A9(1.5)A
CLIENT JOB NO: 1649
DATE RECEIVED: 01/24/90

MED-TOX LAB NO: 9001130-24A
MED-TOX JOB NO: 9001130
REPORT DATE: 02/14/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	5.1	0.5	7060	V12
Be	Beryllium	0.4	0.2	7090	V22
Cd	Cadmium	ND	0.2	7130	V22
Cr	Chromium	26	1	7190	V22
Cu	Copper	17	1	7210	V22
Pb	Lead	24	1	7420	V22
Hg	Mercury	0.2	0.2	7471	Hg
Ni	Nickel	35	1	7520	V22
Se	Selenium	3	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	55	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: A9(4.5)B
CLIENT JOB NO: 1649
DATE RECEIVED: 01/24/90

MED-TOX LAB NO: 9001130-25A
MED-TOX JOB NO: 9001130
REPORT DATE: 02/14/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	5.7	0.5	7060	V12
Be	Beryllium	0.5	0.2	7090	V22
Cd	Cadmium	ND	0.2	7130	V22
Cr	Chromium	30	1	7190	V22
Cu	Copper	25	1	7210	V22
Pb	Lead	29	1	7420	V22
Hg	Mercury	0.4	0.2	7471	Hg
Ni	Nickel	32	1	7520	V22
Se	Selenium	4	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	56	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: LF1(1.5)B
CLIENT JOB NO: 1649
DATE RECEIVED: 01/24/90

MED-TOX LAB NO: 9001130-28A
MED-TOX JOB NO: 9001130
REPORT DATE: 02/14/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	4.5	0.5	7060	V12
Be	Beryllium	0.4	0.2	7090	V22
Cd	Cadmium	0.3	0.2	7130	V22
Cr	Chromium	25	1	7190	V22
Cu	Copper	18	1	7210	V22
Pb	Lead	6	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	29	1	7520	V22
Se	Selenium	4	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	39	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: LF2(3.5)B
CLIENT JOB NO: 1649
DATE RECEIVED: 01/24/90

MED-TOX LAB NO: 9001130-31A
MED-TOX JOB NO: 9001130
REPORT DATE: 02/14/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	2.2	0.5	7060	V12
Be	Beryllium	0.2	0.2	7090	V22
Cd	Cadmium	ND	0.2	7130	V22
Cr	Chromium	21	1	7190	V22
Cu	Copper	20	1	7210	V22
Pb	Lead	3	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	14	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	34	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: LF5(4.0)B
CLIENT JOB NO: 1649
DATE RECEIVED: 01/24/90

MED-TOX LAB NO: 9001130-38A
MED-TOX JOB NO: 9001130
REPORT DATE: 02/14/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	12	0.5	7060	V12
Be	Beryllium	0.3	0.2	7090	V22
Cd	Cadmium	1.0	0.2	7130	V22
Cr	Chromium	25	1	7190	V22
Cu	Copper	160	1	7210	V22
Pb	Lead	530	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	29	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	270	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

MED-TOX ASSOCIATES, INC.

LABORATORY REPORT

LEVINE-FRICKE
1900 POWELL STREET, 12TH FLOOR
EMERYVILLE, CA 94608
ATTN: AMANDA SPENSER

REPORT DATE: 02/01/90
SAMPLES RECEIVED: 01/30/90
MED-TOX JOB NO: 7L7381-3/SH51
PURCHASE ORDER NO: 9001130

ANALYSIS: ASBESTOS IN BULK SAMPLES
METHOD: PLM (POLARIZED LIGHT MICROSCOPY/DISPERSION STAINING)
EPA 600/M4-82-020
EPA ACCREDITATION NUMBER: 9284
NVLAP ACCREDITATION NUMBER: 1229.01

Sample Identification Client	Lab No.	Brief Physical Description	Chrysotile Asbestos Percent	Amphibole Asbestos Percent
A6(1.5)B	A5339	Dark brown soil with rocks #	ND(1)	ND(1)

Andrea Harmon
Laboratory Analyst

2-1-90
Date

Don Lyons
Laboratory Manager

NOTES:
ND(1) = means no asbestos detected; method detection limit is 1%.
Trace = asbestos identified in sample; concentration less than method detection limit of 1%.
Amphibole asbestos includes amosite, crocidolite, anthophyllite, tremolite and actinolite.

1229 Morena Boulevard, San Diego, California (619) 276-8843

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

9001130

Project No.: ~~3~~ 1649	Field Logbook No.:	Date: 1-24-90	Serial No.: № 6035
Project Name: YERBA BUENA	Project Location: OAKLAND		
Sampler (Signature): Larry [signature]			Samplers: LPL

SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CON-TAINERS	SAMPLE TYPE	EPA 8020 BTEX ~~EPA 601~~	CAM-17 METALS / TPH	EPA 8240 (VOCs)	EPA 8270 (SVOCs)	EPA 8015 TPH DIESEL/WASTE OIL	EPA 8080 PCB (only)	HOLD	RUSH	REMARKS
A7(3.0)A	1-24		16A	1	Soil							X		
X A6C	1-24	1200	~~[illegible]~~	4	Water		X	X	~~X~~	~~X~~				w.o. 9001131
A5(3.5)B	1-24		17A	1	Soil		X	X	X	X				
A5(2)A	1-24		18A	1	↓		X	X	X	X		~~X~~		2/1 off hold
A8(1.5)A	1-24		19A	1								X		
A8(2)A	1-24		20A	1								X		
A8(2)A	1-24		21A	1			X			X	X	~~X~~		2/1 off hold
A8(4.5)B	1-24		22A	1								X		
A8(4.5)B	1-24		23A	1			X			X	X			
A9(1.5)A	1-24		24A	1			X							
A9(4.5)B	1-24		25A	1			X			X	X			
A10(1.5)A	1-24		26A	1	↓		X					X		

	DATE	TIME		DATE	TIME
RELINQUISHED BY: (Signature) Larry [signature]	1-24-90	353	RECEIVED BY: (Signature) Fallon St John	1/24/90	353
RELINQUISHED BY: (Signature) Fallon St John	1/24/90	4:42	RECEIVED BY: (Signature)	DATE	TIME
RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature) Denise Harrington	1/24/90	1645
METHOD OF SHIPMENT: P/U	DATE	TIME	LAB COMMENTS:		

Sample Collector: LEVINE-FRICKE 1900 Powell Street, 12th Floor Emeryville, Ca 94608 (415) 652-4500	Analytical Laboratory: MED TOX

Shipping Copy (White) Lab Copy (Green) File Copy (Yellow) Field Copy (Pink) FORM NO. 86/COC/ARF

R-4, S-I **CHAIN OF CUSTODY / ANALYSES REQUEST FORM**

9001130

Project No.: 1649	Field Logbook No.:	Date: 1-22-90	Serial No.: № 6080
Project Name: YERBA BUENA	Project Location: OAKLAND		
Sampler (Signature): [signature]			Samplers: LPL

SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CONTAINERS	SAMPLE TYPE	~~EPA 8020~~ EPA 601 BTEX	~~[illegible]~~ PPM metals	EPA 8015 TPH GAS	EPA 8015 TPH DIESEL	EPA 3240 (VOC) waste oil	EPA 8270 (BNA)	~~LEAD~~	HOLD	RUSH	REMARKS
A1(1)B	1-22		01A	1	Soil			X	X				X		
A1(14)C	↓		02A	1	↓	(X)		(X)	(X)			(X)	X 1/1 at Hold		NORMAL TURNAROUND
A1(16)C			03A	1		X		X	X			X	X		
A1(17.5)C			04A	1		X		X	X			X			SEND RESULTS TO
A2(1)B			05A	1			X	X	X	X	X		X		AMANDA SPENSER
A3(1)B	↓		06A	1			X		X	X	X		X		
A24(3.5)B	1-23		07A	1		X		X	X						
A24(17)C			08A	1	↓	X		X	X			X			
X A2AC		1130		9	Water	X	X	X	X	X	X				W.O. 9001131
A4(1)B			09A	1	Soil								X		
A6(1)A			10A	1									X		
A6(1.5)B	↓		11A	1			X		X	PCBs	PLM				X 1/26 Amanda to call + confirm
A24(1)A	1-23		12A	1									X		analysis eithr today or 1/29
A6(25)C	1-24		13A	1			X			X					A6(1.5)B - 12A PCBs ppm
A7(5.5)B	1-24		14A	1			X		X						TPH as diesel + WO
A7(2)A	1-24		15A	1									X		asbestos + PLM

RELINQUISHED BY: (Signature) [signature]	DATE 1-24-90	TIME 338	RECEIVED BY: (Signature) R St John	DATE 01/24/90	TIME 15:38
RELINQUISHED BY: (Signature) [signature] St John	DATE 1/24/90	TIME 4:42	RECEIVED BY: (Signature)	DATE	TIME
RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature) Denise Harrington	DATE 1/24/90	TIME 1645
METHOD OF SHIPMENT: P.U.	DATE	TIME	LAB COMMENTS:		

Sample Collector: LEVINE-FRICKE
1900 Powell Street, 12th Floor
Emeryville, Ca 94608
(415) 652-4500

Analytical Laboratory: MED TOX

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

9001130

Project No.: 16	Field Logbook No.:	Date: 1/24/90	Serial No.: № 6079
Project Name:	Project Location: Emeryville, CA		
Sampler (Signature):			Samplers:

SAMPLES / **ANALYSES**

SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CONTAINERS	SAMPLE TYPE	~~EPA 601~~	~~EPA 624~~	8240	8270	8015	TOTAL 7 METALS PPM	HOLD	RUSH	REMARKS
LF1(1.0)A	1/23	9:12	27A	1	Soil							X		
LF1(3.5)B	↓	9:30	28A	↓	↓			X	X	X	X			
LF1(11.0)C	↓	10:02	29A	↓	↓							X		
LF2(2.0)A	1/22	11:06	30A	1	Soil							X		
LF2(3.5)B	↓	11:26	31A	↓	↓			X	X	X	X			
LF2(10.0)C	↓	12:40	32A	↓	↓							X		
LF2(13.5)	↓	12:34	33A	↓	↓							X		EXTRA SAMPLE
LF3(1.0)A	1/23	2:02	34A	1	Soil							X		
LF3(1.5)B	↓	2:12	35A	↓	↓							X		
LF3(15.5)C	↓	3:33	36A	↓	↓							X		

RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	DATE	TIME
[signature]	1/24/90	3:45pm	[signature]	1/24/90	3:45pm
[signature]	1/24/90	4:42			
			Denise Harrington	1/24/90	1645

METHOD OF SHIPMENT:	DATE	TIME	LAB COMMENTS:

Sample Collector: LEVINE-FRICKE
1900 Powell Street, 12th Floor
Emeryville, Ca 94608
(415) 652-4500

Analytical Laboratory: MED-TOX

Shipping Copy (White) Lab Copy (Green) File Copy (Yellow) Field Copy (Pink)

FORM NO. 86/COC/ARF

CHAIN OF COUSTODY / ANALYSES REQUEST FORM

9001130

Project No.: 1649	Field Logbook No.:	Date: 1/24/90	Serial No.: № 6076
Project Name: YERBA BUENA	Project Location: Emeryville, CA		
Sampler (Signature): C K Good			Samplers: CKG

SAMPLES / ANALYSES

SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CONTAINERS	SAMPLE TYPE	~~EPA 601~~	~~CAM~~ ~~EPA 624~~ PPM 8240	8240	8270	415	8015 Diesel	HOLD	RUSH	REMARKS
LF S(1.5)A	1/24	11:25am	37A	1	Soil							X		
LF S(4.0)B	↓	11:45	38A	↓	↓		X	X	X	X	X			X
LF S(12.)		12:45	39A									X		Extra Sample
LF S(22.5)C	↓		40A	↓	↓							X		

RELINQUISHED BY: (Signature) Christopher K Good	DATE 1/24/90	TIME 3:05pm	RECEIVED BY: (Signature) [signature]	DATE 1/24/90	TIME 3:05pm
RELINQUISHED BY: (Signature) Salon Stph	DATE 1/24/90	TIME 4:40	RECEIVED BY: (Signature)	DATE	TIME
RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature) Denise Harrington	DATE 1/24/90	TIME 1645
METHOD OF SHIPMENT:	DATE	TIME	LAB COMMENTS:		

Sample Collector: LEVINE-FRICKE 1900 Powell Street, 12th Floor Emeryville, Ca 94608 (415) 652-4500	Analytical Laboratory: Med Tox

Shipping Copy (White) Lab Copy (Green) File Copy (Yellow) Field Copy (Pink) FORM NO. 86/COC/ARF

FILE 1649

MED-TOX ASSOCIATES, INC.

ENVIRONMENTAL & OCCUPATIONAL HEALTH SERVICES

3440 Vincent Road Pleasant Hill, CA 94523 • (415) 930-9090 • FAX# (415) 930-0256

LABORATORY ANALYSIS REPORT

LEVINE-FRICKE
1900 POWELL ST., 12TH FL.
EMERYVILLE, CA 94608

REPORT DATE: 02/23/90

DATE SAMPLED: 01/26-30/90

ATTN: AMANDA SPENCER

DATE RECEIVED: 01/30/90

CLIENT PROJECT NO: 1649

MED-TOX JOB NO: 9001163

ANALYSIS OF: SOIL SAMPLES FOR EXTRACTABLE AND PURGEABLE HYDROCARBONS, TOTAL HYDROCARBONS, BTXE, POLYCHLORINATED BIPHENYLS, CHLORINATED HERBICIDES, GC/MS VOLATILE ORGANICS, GC/MS EXTRACTABLES, POLYNUCLEAR AROMATIC HYDROCARBONS, AND PRIORITY POLLUTANT METALS

See attached for results

RECEIVED
FEB 27
LEVINE-FRICKE

Michael Lynch
Michael Lynch, Manager
Organic Laboratory

Results FAXed to Amanda Spencer 02/12/90, 02/14/90 & 02/21/90

LEVINE-FRICKE

CLIENT PROJECT NO: 1649

REPORT DATE: 02/23/90

DATE EXTRACTED: 02/08,09/90
DATE ANALYZED: 02/01-14/90

MED-TOX JOB NO: 9001163

Sample Identification Client Id.	Lab No.	Extractable Hydrocarbons as Diesel (mg/kg)	Extractable Hydrocarbons as Waste Oil (mg/kg)	Total Hydrocarbons (mg/kg)	Purgeable Hydrocarbons as Gasoline (mg/kg)
B8(3.5)B	02A	ND	ND	---	---
B10(4.5)B	04A	ND	20	---	---
B34(3.5)B	06A	ND	ND	---	---
C4(4.0)B	10A	ND	ND	---	---
C5(4.0)B	12A	ND	ND	---	---
C25(4.5)B	14A	ND	ND	---	---
LF7(7.5)	18A	ND	ND	---	---
B16(3.5)A	20A	--	--	1,200	0.8*
B16(9.5)C	21A	--	--	ND	---
B12(3.5)A	23A	ND	ND	---	---
B26(3.5)B	25A	ND	ND	---	---
B13(9.5)C	28A	ND	ND	---	ND*
B25(3.5)B	30A	ND	ND	---	---
Detection limit		10	20	10	0.2
Method		8015	8015	503E	8015

Instrument: 9, 5

ND = Not Detected

* These samples appear to contain lighter hydrocarbons than those found in gasoline. Results are based on gasoline calibration.

LEVINE-FRICKE

CLIENT ID: LF7(7.5)
CLIENT JOB NO: 1649
DATE SAMPLED: 01/26/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/23/90

MED-TOX LAB NO: 9001163-18A
MED-TOX JOB NO: 9001163
DATE ANALYZED: 02/05/90
INSTRUMENT: 9

BTXE AND HYDROCARBONS

METHOD: EPA 8020, 8015 (PURGE & TRAP)

	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Benzene	6	1
Toluene	57	1
Ethylbenzene	ND	1
Xylenes	3	3
PURGEABLE HYDROCARBONS AS:		
Gasoline	ND mg/kg	0.2 mg/kg

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B16(9.5)C
CLIENT JOB NO: 1649
DATE SAMPLED: 01/29/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/23/90

MED-TOX LAB NO: 9001163-21A
MED-TOX JOB NO: 9001163
DATE ANALYZED: 02/01-06/90
INSTRUMENT: 9

BTXE AND HYDROCARBONS

METHOD: EPA 8020, 8015 (PURGE & TRAP)

	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Benzene	ND	1
Toluene	19	1
Ethylbenzene	ND	1
Xylenes	ND	3

PURGEABLE HYDROCARBONS AS:

Gasoline	ND mg/kg	0.2 mg/kg

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B34(3.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/30/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/23/90

MED-TOX LAB NO: 9001163-06A
MED-TOX JOB NO: 9001163
DATE EXTRACTED: 02/08/90
DATE ANALYZED: 02/08/90
INSTRUMENT: 2

EPA METHOD 8080

POLYCHLORINATED BIPHENYLS

AROCLOR	CAS #	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)
Aroclor 1016	12674-11-2	ND	0.05
Aroclor 1221	11104-28-2	ND	0.05
Aroclor 1232	11141-16-5	ND	0.05
Aroclor 1242	53469-21-9	ND	0.05
Aroclor 1248	12672-29-6	ND	0.05
Aroclor 1254	11097-69-1	ND	0.05
Aroclor 1260	11096-82-5	ND	0.05

ND = Not Detected

Analytical Method: EPA 8080, SW-846 3rd Edition, 1986

FILE
1649

MED-TOX ASSOCIATES, INC.

OCCUPATIONAL & ENVIRONMENTAL HEALTH SERVICES

3440 Vincent Road • Pleasant Hill, CA 94523 • (415) 930-9090

March 29, 1990

Amanda Spencer
Levine-Fricke
1900 Powell St., 12th Fl.
Emeryville, CA 94608

SUBJ: Project 1649
Analysis of sample B26(0.5)A for PCBs
MED-TOX Lab No: 9001163-24A

Preliminary results for sample B26(0.5)A reporting PCBs showed the concentration for Aroclor 1260 to be 5,400 micrograms per kilogram (ug/kg). In the final report it was reported out as miligrams per kilogram (mg/kg), i.e. the appropriate decimal correction had not been made.

The final result for Aroclor 1260 is 5.4 mg/kg and the corrected page has been mailed. We apologized for any inconvenience this may have caused.

Should there be any questions concerning this matter please feel free to call me at 930-9090.

Sincerely,

Robin Byars

Robin Byars
Client Services

LEVINE-FRICKE

CLIENT ID: B26(0.5)A
CLIENT JOB NO: 1649
DATE SAMPLED: 01/29/90
DATE RECEIVED: 01/30/90

REPORT DATE: 02/23/90

MED-TOX LAB NO: 9001163-24A
MED-TOX JOB NO: 9001163
DATE EXTRACTED: 02/08/90
DATE ANALYZED: 02/08-13/90
INSTRUMENT: 2

EPA METHOD 8080

POLYCHLORINATED BIPHENYLS

AROCLOR	CAS #	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)
Aroclor 1016	12674-11-2	ND	0.05
Aroclor 1221	11104-28-2	ND	0.05
Aroclor 1232	11141-16-5	ND	0.05
Aroclor 1242	53469-21-9	ND	0.05
Aroclor 1248	12672-29-6	ND	0.05
Aroclor 1254	11097-69-1	ND	0.05
Aroclor 1260	11096-82-5	5.4	0.05

ND = Not Detected

Analytical Method: EPA 8080, SW-846 3rd Edition, 1986

LEVINE-FRICKE

CLIENT ID: B26(3.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/29/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/23/90

MED-TOX LAB NO: 9001163-25A
MED-TOX JOB NO: 9001163
DATE EXTRACTED: 02/08/90
DATE ANALYZED: 02/08/90
INSTRUMENT: 2

EPA METHOD 8080

POLYCHLORINATED BIPHENYLS

AROCLOR	CAS #	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)
Aroclor 1016	12674-11-2	ND	0.05
Aroclor 1221	11104-28-2	ND	0.05
Aroclor 1232	11141-16-5	ND	0.05
Aroclor 1242	53469-21-9	ND	0.05
Aroclor 1248	12672-29-6	ND	0.05
Aroclor 1254	11097-69-1	ND	0.05
Aroclor 1260	11096-82-5	ND	0.05

ND = Not Detected

Analytical Method: EPA 8080, SW-846 3rd Edition, 1986

LEVINE-FRICKE

CLIENT ID: B25(1.0)A
CLIENT JOB NO: 1649
DATE SAMPLED: 01/29/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/23/90

MED-TOX LAB NO: 9001163-29A
MED-TOX JOB NO: 9001163
DATE EXTRACTED: 02/08/90
DATE ANALYZED: 02/08/90
INSTRUMENT: 2

EPA METHOD 8080

POLYCHLORINATED BIPHENYLS

AROCLOR	CAS #	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)
Aroclor 1016	12674-11-2	ND	0.05
Aroclor 1221	11104-28-2	ND	0.05
Aroclor 1232	11141-16-5	ND	0.05
Aroclor 1242	53469-21-9	ND	0.05
Aroclor 1248	12672-29-6	ND	0.05
Aroclor 1254	11097-69-1	ND	0.05
Aroclor 1260	11096-82-5	0.38	0.05

ND = Not Detected

Analytical Method: EPA 8080, SW-846 3rd Edition, 1986

CLIENT PROJECT NO: 1649
CLIENT SAMPLE ID: B12(3.5)A
DATE SAMPLED: 01/29/90
DATE RECEIVED: 01/30/90

REPORT DATE: 02/23/90
MED-TOX LAB NO: 9001163-23A
MED-TOX JOB NO: 9001163
DATE ANALYZED: 02/03-09/90

EPA METHOD 8150*
HERBICIDES

Herbicide	Conc. (ug/kg)	Method Detection Limit (ug/kg)
MCPP	ND	5
MCPA	ND	5
Dalapon	ND	5
Dicamba	ND	5
Dichlorprop	ND	5
2,4-D	17	5
2,4,5-TP (SILVEX)	ND	5
2,4,5-T	ND	5
2,4-DB	ND	5
Dinoseb	ND	5

ND = Not Detected

* Subcontracted to a DOHS certified laboratory

LEVINE-FRICKE

CLIENT ID: B8(3.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/30/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/23/90

MED-TOX LAB NO: 9001163-02A
MED-TOX JOB NO: 9001163
DATE ANALYZED: 02/02/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	540-59-0	ND	5
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	**108-88-3**	**62**	5
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B10(4.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/30/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/23/90

MED-TOX LAB NO: 9001163-04A
MED-TOX JOB NO: 9001163
DATE ANALYZED: 02/02/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	540-59-0	ND	5
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	**108-88-3**	**28**	**5**
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B34(3.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/30/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/23/90

MED-TOX LAB NO: 9001163-06A
MED-TOX JOB NO: 9001163
DATE ANALYZED: 02/02-03/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	540-59-0	ND	5
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	**108-88-3**	**81**	**5**
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C5(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/30/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/23/90

MED-TOX LAB NO: 9001163-12A
MED-TOX JOB NO: 9001163
DATE ANALYZED: 02/02/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	540-59-0	ND	5
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	**108-88-3**	**13**	**5**
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C25(4.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/30/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/23/90

MED-TOX LAB NO: 9001163-14A
MED-TOX JOB NO: 9001163
DATE ANALYZED: 02/02/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	540-59-0	ND	5
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	**108-88-3**	**5**	**5**
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B12(3.5)A
CLIENT JOB NO: 1649
DATE SAMPLED: 01/29/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/23/90

MED-TOX LAB NO: 9001163-23A
MED-TOX JOB NO: 9001163
DATE ANALYZED: 02/02-03/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	540-59-0	ND	5
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	**108-88-3**	**32**	**5**
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B8(3.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/30/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/23/90

MED-TOX LAB NO: 9001163-02A
MED-TOX JOB NO: 9001163
DATE EXTRACTED: 02/09/90
DATE ANALYZED: 02/09/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzidine	92-87-5	ND	1600
Benzoic Acid	65-85-0	ND	1600
Benzo(a)anthracene	56-55-3	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(g,h,i)perylene	191-24-2	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzyl Alcohol	100-51-6	ND	660
Bis(2-chloroethoxy) methane	111-91-1	ND	330
Bis(2-chloroethyl)ether	111-44-4	ND	330
Bis(2-chloroisopropyl) ether	39638-32-9	ND	330
Bis(2-ethylhexyl) phthalate	117-81-7	ND	330
4-Bromophenyl phenyl ether	101-55-3	ND	330
Butylbenzyl phthalate	85-68-7	ND	330
4-Chloroaniline	106-47-8	ND	660
2-Chloronaphthalene	91-58-7	ND	330
4-Chlorophenyl phenyl ether	7005-72-3	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Dibenzofuran	132-64-9	ND	330
Di-n-butylphthalate	84-74-2	ND	330
1,2-Dichlorobenzene	95-50-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B8(3.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/30/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/23/90

MED-TOX LAB NO: 9001163-02A
MED-TOX JOB NO: 9001163
DATE EXTRACTED: 02/09/90
DATE ANALYZED: 02/09/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	330
1,4-Dichlorobenzene	106-46-7	ND	330
3,3'-Dichlorobenzidine	91-94-1	ND	660
Diethylphthalate	84-66-2	ND	330
Dimethylphthalate	131-11-3	ND	330
2,4-Dinitrotoluene	121-14-2	ND	330
2,6-Dinitrotoluene	606-20-2	ND	330
Di-n-octylphthalate	117-84-0	ND	330
1,2-Diphenylhydrazine	122-66-7	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Hexachlorobenzene	118-74-1	ND	330
Hexachlorobutadiene	87-68-3	ND	330
Hexachlorocyclopentadiene	77-47-4	ND	330
Hexachloroethane	67-72-1	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Isophorone	78-59-1	ND	330
2-Methylnaphthalene	91-57-6	ND	330
Naphthalene	91-20-3	ND	330
2-Nitroaniline	88-74-4	ND	1600
3-Nitroaniline	99-09-2	ND	1600
4-Nitroaniline	100-01-6	ND	1600
Nitrobenzene	98-95-3	ND	330
N-nitrosodimethylamine	62-75-9	ND	330
N-nitrosodiphenylamine	86-30-6	ND	330
N-nitroso-di-n-propylamine	621-64-7	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330
1,2,4-Trichlorobenzene	120-82-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B8(3.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/30/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/23/90

MED-TOX LAB NO: 9001163-02A
MED-TOX JOB NO: 9001163
DATE EXTRACTED: 02/09/90
DATE ANALYZED: 02/09/90
INSTRUMENT: 11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	330
2-Chlorophenol	95-57-8	ND	330
2,4-Dichlorophenol	120-83-2	ND	330
2,4-Dimethylphenol	105-67-9	ND	330
4,6-Dinitro-2-methylphenol	534-52-1	ND	1600
2,4-Dinitrophenol	51-28-5	ND	1600
2-Methylphenol	95-48-7	ND	330
4-Methylphenol	106-44-5	ND	330
2-Nitrophenol	88-75-5	ND	330
4-Nitrophenol	100-02-7	ND	1600
Pentachlorophenol	87-86-5	ND	1600
Phenol	108-95-2	ND	330
2,4,5-Trichlorophenol	95-95-4	ND	330
2,4,6-Trichlorophenol	88-06-2	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B10(4.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/30/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/23/90

MED-TOX LAB NO: 9001163-04A
MED-TOX JOB NO: 9001163
DATE EXTRACTED: 02/09/90
DATE ANALYZED: 02/09/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzidine	92-87-5	ND	1600
Benzoic Acid	65-85-0	ND	1600
Benzo(a)anthracene	56-55-3	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(g,h,i)perylene	191-24-2	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzyl Alcohol	100-51-6	ND	660
Bis(2-chloroethoxy) methane	111-91-1	ND	330
Bis(2-chloroethyl)ether	111-44-4	ND	330
Bis(2-chloroisopropyl) ether	39638-32-9	ND	330
Bis(2-ethylhexyl) phthalate	117-81-7	ND	330
4-Bromophenyl phenyl ether	101-55-3	ND	330
Butylbenzyl phthalate	85-68-7	ND	330
4-Chloroaniline	106-47-8	ND	660
2-Chloronaphthalene	91-58-7	ND	330
4-Chlorophenyl phenyl ether	7005-72-3	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Dibenzofuran	132-64-9	ND	330
Di-n-butylphthalate	84-74-2	ND	330
1,2-Dichlorobenzene	95-50-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C25(4.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/30/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/23/90

MED-TOX LAB NO: 9001163-14A
MED-TOX JOB NO: 9001163
DATE EXTRACTED: 02/09/90
DATE ANALYZED: 02/09/90
INSTRUMENT: 11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	330
2-Chlorophenol	95-57-8	ND	330
2,4-Dichlorophenol	120-83-2	ND	330
2,4-Dimethylphenol	105-67-9	ND	330
4,6-Dinitro-2-methylphenol	534-52-1	ND	1600
2,4-Dinitrophenol	51-28-5	ND	1600
2-Methylphenol	95-48-7	ND	330
4-Methylphenol	106-44-5	ND	330
2-Nitrophenol	88-75-5	ND	330
4-Nitrophenol	100-02-7	ND	1600
Pentachlorophenol	87-86-5	ND	1600
Phenol	108-95-2	ND	330
2,4,5-Trichlorophenol	95-95-4	ND	330
2,4,6-Trichlorophenol	88-06-2	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B8(3.5)B
CLIENT JOB NO: 1649
DATE RECEIVED: 01/30/90

MED-TOX LAB NO: 9001163-02A
MED-TOX JOB NO: 9001163
REPORT DATE: 02/23/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	1.8	0.5	7060	V12
Be	Beryllium	0.4	0.2	7090	V22
Cd	Cadmium	ND	0.2	7130	V22
Cr	Chromium	42	1	7190	V22
Cu	Copper	25	1	7210	V22
Pb	Lead	5	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	32	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	36	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: B12(3.5)A
CLIENT JOB NO: 1649
DATE SAMPLED: 01/29/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/23/90

MED-TOX LAB NO: 9001163-23A
MED-TOX JOB NO: 9001163
DATE EXTRACTED: 02/09/90
DATE ANALYZED: 02/09/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzidine	92-87-5	ND	1600
Benzoic Acid	65-85-0	ND	1600
Benzo(a)anthracene	56-55-3	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(g,h,i)perylene	191-24-2	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzyl Alcohol	100-51-6	ND	660
Bis(2-chloroethoxy) methane	111-91-1	ND	330
Bis(2-chloroethyl)ether	111-44-4	ND	330
Bis(2-chloroisopropyl) ether	39638-32-9	ND	330
Bis(2-ethylhexyl) phthalate	117-81-7	ND	330
4-Bromophenyl phenyl ether	101-55-3	ND	330
Butylbenzyl phthalate	85-68-7	ND	330
4-Chloroaniline	106-47-8	ND	660
2-Chloronaphthalene	91-58-7	ND	330
4-Chlorophenyl phenyl ether	7005-72-3	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Dibenzofuran	132-64-9	ND	330
Di-n-butylphthalate	84-74-2	ND	330
1,2-Dichlorobenzene	95-50-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B12(3.5)A
CLIENT JOB NO: 1649
DATE SAMPLED: 01/29/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/23/90

MED-TOX LAB NO: 9001163-23A
MED-TOX JOB NO: 9001163
DATE EXTRACTED: 02/09/90
DATE ANALYZED: 02/09/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	330
1,4-Dichlorobenzene	106-46-7	ND	330
3,3'-Dichlorobenzidine	91-94-1	ND	660
Diethylphthalate	84-66-2	ND	330
Dimethylphthalate	131-11-3	ND	330
2,4-Dinitrotoluene	121-14-2	ND	330
2,6-Dinitrotoluene	606-20-2	ND	330
Di-n-octylphthalate	117-84-0	ND	330
1,2-Diphenylhydrazine	122-66-7	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Hexachlorobenzene	118-74-1	ND	330
Hexachlorobutadiene	87-68-3	ND	330
Hexachlorocyclopentadiene	77-47-4	ND	330
Hexachloroethane	67-72-1	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Isophorone	78-59-1	ND	330
2-Methylnaphthalene	91-57-6	ND	330
Naphthalene	91-20-3	ND	330
2-Nitroaniline	88-74-4	ND	1600
3-Nitroaniline	99-09-2	ND	1600
4-Nitroaniline	100-01-6	ND	1600
Nitrobenzene	98-95-3	ND	330
N-nitrosodimethylamine	62-75-9	ND	330
N-nitrosodiphenylamine	86-30-6	ND	330
N-nitroso-di-n-propylamine	621-64-7	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330
1,2,4-Trichlorobenzene	120-82-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B12(3.5)A
CLIENT JOB NO: 1649
DATE SAMPLED: 01/29/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/23/90

MED-TOX LAB NO: 9001163-23A
MED-TOX JOB NO: 9001163
DATE EXTRACTED: 02/09/90
DATE ANALYZED: 02/09/90
INSTRUMENT: 11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	330
2-Chlorophenol	95-57-8	ND	330
2,4-Dichlorophenol	120-83-2	ND	330
2,4-Dimethylphenol	105-67-9	ND	330
4,6-Dinitro-2-methylphenol	534-52-1	ND	1600
2,4-Dinitrophenol	51-28-5	ND	1600
2-Methylphenol	95-48-7	ND	330
4-Methylphenol	106-44-5	ND	330
2-Nitrophenol	88-75-5	ND	330
4-Nitrophenol	100-02-7	ND	1600
Pentachlorophenol	87-86-5	ND	1600
Phenol	108-95-2	ND	330
2,4,5-Trichlorophenol	95-95-4	ND	330
2,4,6-Trichlorophenol	88-06-2	ND	330

ND = Not Detected

CLIENT PROJECT NO: 1649
CLIENT SAMPLE ID: C2(4.0)B
DATE SAMPLED: 01/30/90
DATE RECEIVED: 01/30/90

REPORT DATE: 02/23/90
MED-TOX LAB NO: 9001163-08A
MED-TOX LAB NO: 9001163
DATE EXTRACTED: 02/09/90
DATE ANALYZED: 02/09/90
INSTRUMENT: 11

EPA METHOD 8270
POLYNUCLEAR AROMATIC HYDROCARBONS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzo(a)anthracene	56-55-3	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(ghi)perylene	191-24-2	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Naphthalene	91-20-3	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330

ND = Not Detected

CLIENT PROJECT NO: 1649
CLIENT SAMPLE ID: C4(4.0)B
DATE SAMPLED: 01/30/90
DATE RECEIVED: 01/30/90

REPORT DATE: 02/23/90
MED-TOX LAB NO: 9001163-10A
MED-TOX LAB NO: 9001163
DATE EXTRACTED: 02/09/90
DATE ANALYZED: 02/09/90
INSTRUMENT: 11

EPA METHOD 8270
POLYNUCLEAR AROMATIC HYDROCARBONS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzo(a)anthracene	56-55-3	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(ghi)perylene	191-24-2	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Naphthalene	91-20-3	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330

ND = Not Detected

CLIENT PROJECT NO: 1649
CLIENT SAMPLE ID: B16(3.5)A
DATE SAMPLED: 01/29/90
DATE RECEIVED: 01/30/90

REPORT DATE: 02/23/90
MED-TOX LAB NO: 9001163-20A
MED-TOX LAB NO: 9001163
DATE EXTRACTED: 02/09/90
DATE ANALYZED: 02/09/90
INSTRUMENT: 11

EPA METHOD 8270
POLYNUCLEAR AROMATIC HYDROCARBONS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzo(a)anthracene	56-55-3	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(ghi)perylene	191-24-2	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Naphthalene	91-20-3	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330

ND = Not Detected

CLIENT PROJECT NO: 1649
CLIENT SAMPLE ID: B16(9.5)C
DATE SAMPLED: 01/30/90
DATE RECEIVED: 01/30/90

REPORT DATE: 02/23/90
MED-TOX LAB NO: 9001163-21A
MED-TOX LAB NO: 9001163
DATE EXTRACTED: 02/09/90
DATE ANALYZED: 02/09/90
INSTRUMENT: 11

EPA METHOD 8270
POLYNUCLEAR AROMATIC HYDROCARBONS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzo(a)anthracene	56-55-3	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(ghi)perylene	191-24-2	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Naphthalene	91-20-3	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330

ND = Not Detected

CLIENT PROJECT NO: 1649
CLIENT SAMPLE ID: B26(3.5)B
DATE SAMPLED: 01/29/90
DATE RECEIVED: 01/30/90

REPORT DATE: 02/23/90
MED-TOX LAB NO: 9001163-25A
MED-TOX LAB NO: 9001163
DATE EXTRACTED: 02/09/90
DATE ANALYZED: 02/09/90
INSTRUMENT: 11

EPA METHOD 8270
POLYNUCLEAR AROMATIC HYDROCARBONS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzo(a)anthracene	56-55-3	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(ghi)perylene	191-24-2	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Naphthalene	91-20-3	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B10(4.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/30/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/23/90

MED-TOX LAB NO: 9001163-04A
MED-TOX JOB NO: 9001163
DATE EXTRACTED: 02/09/90
DATE ANALYZED: 02/09/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	330
1,4-Dichlorobenzene	106-46-7	ND	330
3,3'-Dichlorobenzidine	91-94-1	ND	660
Diethylphthalate	84-66-2	ND	330
Dimethylphthalate	131-11-3	ND	330
2,4-Dinitrotoluene	121-14-2	ND	330
2,6-Dinitrotoluene	606-20-2	ND	330
Di-n-octylphthalate	117-84-0	ND	330
1,2-Diphenylhydrazine	122-66-7	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Hexachlorobenzene	118-74-1	ND	330
Hexachlorobutadiene	87-68-3	ND	330
Hexachlorocyclopentadiene	77-47-4	ND	330
Hexachloroethane	67-72-1	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Isophorone	78-59-1	ND	330
2-Methylnaphthalene	91-57-6	ND	330
Naphthalene	91-20-3	ND	330
2-Nitroaniline	88-74-4	ND	1600
3-Nitroaniline	99-09-2	ND	1600
4-Nitroaniline	100-01-6	ND	1600
Nitrobenzene	98-95-3	ND	330
N-nitrosodimethylamine	62-75-9	ND	330
N-nitrosodiphenylamine	86-30-6	ND	330
N-nitroso-di-n-propylamine	621-64-7	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330
1,2,4-Trichlorobenzene	120-82-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B10(4.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/30/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/23/90

MED-TOX LAB NO: 9001163-04A
MED-TOX JOB NO: 9001163
DATE EXTRACTED: 02/09/90
DATE ANALYZED: 02/09/90
INSTRUMENT: 11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	330
2-Chlorophenol	95-57-8	ND	330
2,4-Dichlorophenol	120-83-2	ND	330
2,4-Dimethylphenol	105-67-9	ND	330
4,6-Dinitro-2-methylphenol	534-52-1	ND	1600
2,4-Dinitrophenol	51-28-5	ND	1600
2-Methylphenol	95-48-7	ND	330
4-Methylphenol	106-44-5	ND	330
2-Nitrophenol	88-75-5	ND	330
4-Nitrophenol	100-02-7	ND	1600
Pentachlorophenol	87-86-5	ND	1600
Phenol	108-95-2	ND	330
2,4,5-Trichlorophenol	95-95-4	ND	330
2,4,6-Trichlorophenol	88-06-2	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B34(3.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/30/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/23/90

MED-TOX LAB NO: 9001163-06A
MED-TOX JOB NO: 9001163
DATE EXTRACTED: 02/09/90
DATE ANALYZED: 02/09/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzidine	92-87-5	ND	1600
Benzoic Acid	65-85-0	ND	1600
Benzo(a)anthracene	56-55-3	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(g,h,i)perylene	191-24-2	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzyl Alcohol	100-51-6	ND	660
Bis(2-chloroethoxy) methane	111-91-1	ND	330
Bis(2-chloroethyl)ether	111-44-4	ND	330
Bis(2-chloroisopropyl) ether	39638-32-9	ND	330
Bis(2-ethylhexyl) phthalate	117-81-7	ND	330
4-Bromophenyl phenyl ether	101-55-3	ND	330
Butylbenzyl phthalate	85-68-7	ND	330
4-Chloroaniline	106-47-8	ND	660
2-Chloronaphthalene	91-58-7	ND	330
4-Chlorophenyl phenyl ether	7005-72-3	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Dibenzofuran	132-64-9	ND	330
Di-n-butylphthalate	84-74-2	ND	330
1,2-Dichlorobenzene	95-50-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B34(3.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/30/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/23/90

MED-TOX LAB NO: 9001163-06A
MED-TOX JOB NO: 9001163
DATE EXTRACTED: 02/09/90
DATE ANALYZED: 02/09/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	330
1,4-Dichlorobenzene	106-46-7	ND	330
3,3'-Dichlorobenzidine	91-94-1	ND	660
Diethylphthalate	84-66-2	ND	330
Dimethylphthalate	131-11-3	ND	330
2,4-Dinitrotoluene	121-14-2	ND	330
2,6-Dinitrotoluene	606-20-2	ND	330
Di-n-octylphthalate	117-84-0	ND	330
1,2-Diphenylhydrazine	122-66-7	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Hexachlorobenzene	118-74-1	ND	330
Hexachlorobutadiene	87-68-3	ND	330
Hexachlorocyclopentadiene	77-47-4	ND	330
Hexachloroethane	67-72-1	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Isophorone	78-59-1	ND	330
2-Methylnaphthalene	91-57-6	ND	330
Naphthalene	91-20-3	ND	330
2-Nitroaniline	88-74-4	ND	1600
3-Nitroaniline	99-09-2	ND	1600
4-Nitroaniline	100-01-6	ND	1600
Nitrobenzene	98-95-3	ND	330
N-nitrosodimethylamine	62-75-9	ND	330
N-nitrosodiphenylamine	86-30-6	ND	330
N-nitroso-di-n-propylamine	621-64-7	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330
1,2,4-Trichlorobenzene	120-82-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B34(3.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/30/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/23/90

MED-TOX LAB NO: 9001163-06A
MED-TOX JOB NO: 9001163
DATE EXTRACTED: 02/09/90
DATE ANALYZED: 02/09/90
INSTRUMENT: 11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	330
2-Chlorophenol	95-57-8	ND	330
2,4-Dichlorophenol	120-83-2	ND	330
2,4-Dimethylphenol	105-67-9	ND	330
4,6-Dinitro-2-methylphenol	534-52-1	ND	1600
2,4-Dinitrophenol	51-28-5	ND	1600
2-Methylphenol	95-48-7	ND	330
4-Methylphenol	106-44-5	ND	330
2-Nitrophenol	88-75-5	ND	330
4-Nitrophenol	100-02-7	ND	1600
Pentachlorophenol	87-86-5	ND	1600
Phenol	108-95-2	ND	330
2,4,5-Trichlorophenol	95-95-4	ND	330
2,4,6-Trichlorophenol	88-06-2	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C5(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/30/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/23/90

MED-TOX LAB NO: 9001163-12A
MED-TOX JOB NO: 9001163
DATE EXTRACTED: 02/09/90
DATE ANALYZED: 02/09/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzidine	92-87-5	ND	1600
Benzoic Acid	65-85-0	ND	1600
Benzo(a)anthracene	56-55-3	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(g,h,i)perylene	191-24-2	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzyl Alcohol	100-51-6	ND	660
Bis(2-chloroethoxy) methane	111-91-1	ND	330
Bis(2-chloroethyl)ether	111-44-4	ND	330
Bis(2-chloroisopropyl) ether	39638-32-9	ND	330
Bis(2-ethylhexyl) phthalate	117-81-7	ND	330
4-Bromophenyl phenyl ether	101-55-3	ND	330
Butylbenzyl phthalate	85-68-7	ND	330
4-Chloroaniline	106-47-8	ND	660
2-Chloronaphthalene	91-58-7	ND	330
4-Chlorophenyl phenyl ether	7005-72-3	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Dibenzofuran	132-64-9	ND	330
Di-n-butylphthalate	84-74-2	ND	330
1,2-Dichlorobenzene	95-50-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C5(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/30/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/23/90

MED-TOX LAB NO: 9001163-12A
MED-TOX JOB NO: 9001163
DATE EXTRACTED: 02/09/90
DATE ANALYZED: 02/09/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	330
1,4-Dichlorobenzene	106-46-7	ND	330
3,3'-Dichlorobenzidine	91-94-1	ND	660
Diethylphthalate	84-66-2	ND	330
Dimethylphthalate	131-11-3	ND	330
2,4-Dinitrotoluene	121-14-2	ND	330
2,6-Dinitrotoluene	606-20-2	ND	330
Di-n-octylphthalate	117-84-0	ND	330
1,2-Diphenylhydrazine	122-66-7	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Hexachlorobenzene	118-74-1	ND	330
Hexachlorobutadiene	87-68-3	ND	330
Hexachlorocyclopentadiene	77-47-4	ND	330
Hexachloroethane	67-72-1	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Isophorone	78-59-1	ND	330
2-Methylnaphthalene	91-57-6	ND	330
Naphthalene	91-20-3	ND	330
2-Nitroaniline	88-74-4	ND	1600
3-Nitroaniline	99-09-2	ND	1600
4-Nitroaniline	100-01-6	ND	1600
Nitrobenzene	98-95-3	ND	330
N-nitrosodimethylamine	62-75-9	ND	330
N-nitrosodiphenylamine	86-30-6	ND	330
N-nitroso-di-n-propylamine	621-64-7	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330
1,2,4-Trichlorobenzene	120-82-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C5(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/30/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/23/90

MED-TOX LAB NO: 9001163-12A
MED-TOX JOB NO: 9001163
DATE EXTRACTED: 02/09/90
DATE ANALYZED: 02/09/90
INSTRUMENT: 11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	330
2-Chlorophenol	95-57-8	ND	330
2,4-Dichlorophenol	120-83-2	ND	330
2,4-Dimethylphenol	105-67-9	ND	330
4,6-Dinitro-2-methylphenol	534-52-1	ND	1600
2,4-Dinitrophenol	51-28-5	ND	1600
2-Methylphenol	95-48-7	ND	330
4-Methylphenol	106-44-5	ND	330
2-Nitrophenol	88-75-5	ND	330
4-Nitrophenol	100-02-7	ND	1600
Pentachlorophenol	87-86-5	ND	1600
Phenol	108-95-2	ND	330
2,4,5-Trichlorophenol	95-95-4	ND	330
2,4,6-Trichlorophenol	88-06-2	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C25(4.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/30/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/23/90

MED-TOX LAB NO: 9001163-14A
MED-TOX JOB NO: 9001163
DATE EXTRACTED: 02/09/90
DATE ANALYZED: 02/09/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzidine	92-87-5	ND	1600
Benzoic Acid	65-85-0	ND	1600
Benzo(a)anthracene	56-55-3	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(g,h,i)perylene	191-24-2	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzyl Alcohol	100-51-6	ND	660
Bis(2-chloroethoxy) methane	111-91-1	ND	330
Bis(2-chloroethyl)ether	111-44-4	ND	330
Bis(2-chloroisopropyl) ether	39638-32-9	ND	330
Bis(2-ethylhexyl) phthalate	117-81-7	ND	330
4-Bromophenyl phenyl ether	101-55-3	ND	330
Butylbenzyl phthalate	85-68-7	ND	330
4-Chloroaniline	106-47-8	ND	660
2-Chloronaphthalene	91-58-7	ND	330
4-Chlorophenyl phenyl ether	7005-72-3	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Dibenzofuran	132-64-9	ND	330
Di-n-butylphthalate	84-74-2	ND	330
1,2-Dichlorobenzene	95-50-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C25(4.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/30/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/23/90

MED-TOX LAB NO: 9001163-14A
MED-TOX JOB NO: 9001163
DATE EXTRACTED: 02/09/90
DATE ANALYZED: 02/09/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	330
1,4-Dichlorobenzene	106-46-7	ND	330
3,3'-Dichlorobenzidine	91-94-1	ND	660
Diethylphthalate	84-66-2	ND	330
Dimethylphthalate	131-11-3	ND	330
2,4-Dinitrotoluene	121-14-2	ND	330
2,6-Dinitrotoluene	606-20-2	ND	330
Di-n-octylphthalate	117-84-0	ND	330
1,2-Diphenylhydrazine	122-66-7	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Hexachlorobenzene	118-74-1	ND	330
Hexachlorobutadiene	87-68-3	ND	330
Hexachlorocyclopentadiene	77-47-4	ND	330
Hexachloroethane	67-72-1	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Isophorone	78-59-1	ND	330
2-Methylnaphthalene	91-57-6	ND	330
Naphthalene	91-20-3	ND	330
2-Nitroaniline	88-74-4	ND	1600
3-Nitroaniline	99-09-2	ND	1600
4-Nitroaniline	100-01-6	ND	1600
Nitrobenzene	98-95-3	ND	330
N-nitrosodimethylamine	62-75-9	ND	330
N-nitrosodiphenylamine	86-30-6	ND	330
N-nitroso-di-n-propylamine	621-64-7	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330
1,2,4-Trichlorobenzene	120-82-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B10(4.5)B
CLIENT JOB NO: 1649
DATE RECEIVED: 01/30/90

MED-TOX LAB NO: 9001163-04A
MED-TOX JOB NO: 9001163
REPORT DATE: 02/23/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	2.2	0.5	7060	V12
Be	Beryllium	0.7	0.2	7090	V22
Cd	Cadmium	0.4	0.2	7130	V22
Cr	Chromium	40	1	7190	V22
Cu	Copper	25	1	7210	V22
Pb	Lead	9	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	41	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	64	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: B34(3.5)B
CLIENT JOB NO: 1649
DATE RECEIVED: 01/30/90

MED-TOX LAB NO: 9001163-06A
MED-TOX JOB NO: 9001163
REPORT DATE: 02/23/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	3.5	0.5	7060	V12
Be	Beryllium	0.6	0.2	7090	V22
Cd	Cadmium	0.4	0.2	7130	V22
Cr	Chromium	44	1	7190	V22
Cu	Copper	35	1	7210	V22
Pb	Lead	22	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	45	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	74	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: C2(1.0)A
CLIENT JOB NO: 1649
DATE RECEIVED: 01/30/90

MED-TOX LAB NO: 9001163-07A
MED-TOX JOB NO: 9001163
REPORT DATE: 02/23/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	25	0.5	7060	V12
Be	Beryllium	2.1	0.2	7090	V22
Cd	Cadmium	0.2	0.2	7130	V22
Cr	Chromium	36	1	7190	V22
Cu	Copper	30	1	7210	V22
Pb	Lead	56	1	7420	V22
Hg	Mercury	0.2	0.2	7471	Hg
Ni	Nickel	31	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	89	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: C2(4.0)B
CLIENT JOB NO: 1649
DATE RECEIVED: 01/30/90

MED-TOX LAB NO: 9001163-08A
MED-TOX JOB NO: 9001163
REPORT DATE: 02/23/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	3.0	0.5	7060	V12
Be	Beryllium	0.5	0.2	7090	V22
Cd	Cadmium	ND	0.2	7130	V22
Cr	Chromium	36	1	7190	V22
Cu	Copper	13	1	7210	V22
Pb	Lead	6	1	7420	V22
Hg	Mercury	0.2	0.2	7471	Hg
Ni	Nickel	24	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	28	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: C4(4.0)B
CLIENT JOB NO: 1649
DATE RECEIVED: 01/30/90

MED-TOX LAB NO: 9001163-10A
MED-TOX JOB NO: 9001163
REPORT DATE: 02/23/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	1.6	0.5	7060	V12
Be	Beryllium	0.4	0.2	7090	V22
Cd	Cadmium	ND	0.2	7130	V22
Cr	Chromium	30	1	7190	V22
Cu	Copper	9	1	7210	V22
Pb	Lead	4	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	18	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	18	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: C5(4.0)B
CLIENT JOB NO: 1649
DATE RECEIVED: 01/30/90

MED-TOX LAB NO: 9001163-12A
MED-TOX JOB NO: 9001163
REPORT DATE: 02/23/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	1.6	0.5	7060	V12
Be	Beryllium	0.4	0.2	7090	V22
Cd	Cadmium	ND	0.2	7130	V22
Cr	Chromium	39	1	7190	V22
Cu	Copper	16	1	7210	V22
Pb	Lead	4	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	21	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	30	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: C25(4.5)B
CLIENT JOB NO: 1649
DATE RECEIVED: 01/30/90

MED-TOX LAB NO: 9001163-14A
MED-TOX JOB NO: 9001163
REPORT DATE: 02/23/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	1.4	0.5	7060	V12
Be	Beryllium	0.3	0.2	7090	V22
Cd	Cadmium	ND	0.2	7130	V22
Cr	Chromium	38	1	7190	V22
Cu	Copper	10	1	7210	V22
Pb	Lead	4	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	15	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	22	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: B16(3.5)A
CLIENT JOB NO: 1649
DATE RECEIVED: 01/30/90

MED-TOX LAB NO: 9001163-20A
MED-TOX JOB NO: 9001163
REPORT DATE: 02/23/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	23	0.5	7060	V12
Be	Beryllium	ND	0.2	7090	V22
Cd	Cadmium	ND	0.2	7130	V22
Cr	Chromium	14	1	7190	V22
Cu	Copper	14	1	7210	V22
Pb	Lead	15	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	16	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	39	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: B16(9.5)C
CLIENT JOB NO: 1649
DATE RECEIVED: 01/30/90

MED-TOX LAB NO: 9001163-21A
MED-TOX JOB NO: 9001163
REPORT DATE: 02/23/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	6.1	0.5	7060	V12
Be	Beryllium	0.6	0.2	7090	V22
Cd	Cadmium	0.3	0.2	7130	V22
Cr	Chromium	43	1	7190	V22
Cu	Copper	17	1	7210	V22
Pb	Lead	5	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	43	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	43	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: B12(3.5)A
CLIENT JOB NO: 1649
DATE RECEIVED: 01/30/90

MED-TOX LAB NO: 9001163-23A
MED-TOX JOB NO: 9001163
REPORT DATE: 02/23/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	15	0.5	7060	V12
Be	Beryllium	0.4	0.2	7090	V22
Cd	Cadmium	0.3	0.2	7130	V22
Cr	Chromium	38	1	7190	V22
Cu	Copper	20	1	7210	V22
Pb	Lead	7	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	42	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	55	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: B26(3.5)B
CLIENT JOB NO: 1649
DATE RECEIVED: 01/30/90

MED-TOX LAB NO: 9001163-25A
MED-TOX JOB NO: 9001163
REPORT DATE: 02/23/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	2.4	0.5	7060	V12
Be	Beryllium	0.3	0.2	7090	V22
Cd	Cadmium	ND	0.2	7130	V22
Cr	Chromium	42	1	7190	V22
Cu	Copper	16	1	7210	V22
Pb	Lead	4	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	26	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	30	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: B25(1.0)A
CLIENT JOB NO: 1649
DATE RECEIVED: 01/30/90

MED-TOX LAB NO: 9001163-29A
MED-TOX JOB NO: 9001163
REPORT DATE: 02/23/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	31	0.5	7060	V12
Be	Beryllium	0.5	0.2	7090	V22
Cd	Cadmium	0.4	0.2	7130	V22
Cr	Chromium	77	1	7190	V22
Cu	Copper	60	1	7210	V22
Pb	Lead	44	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	93	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	110	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: B25(3.5)B
CLIENT JOB NO: 1649
DATE RECEIVED: 01/30/90

MED-TOX LAB NO: 9001163-30A
MED-TOX JOB NO: 9001163
REPORT DATE: 02/23/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	2.6	0.5	7060	V12
Be	Beryllium	0.6	0.2	7090	V22
Cd	Cadmium	ND	0.2	7130	V22
Cr	Chromium	31	1	7190	V22
Cu	Copper	17	1	7210	V22
Pb	Lead	5	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	26	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	29	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

FILE
1649

MED-TOX ASSOCIATES, INC.

ENVIRONMENTAL & OCCUPATIONAL HEALTH SERVICES
3440 Vincent Road Pleasant Hill, CA 94523 • (415) 930-9090 • FAX# (415) 930-0256

LABORATORY ANALYSIS REPORT

LEVINE-FRICKE
1900 POWELL ST., 12TH FL.
EMERYVILLE, CA 94608

ATTN: AMANDA SPENCER

CLIENT PROJECT NO: 1649

REPORT DATE: 02/21/90

DATE SAMPLED: 01/24-26/90
DATE RECEIVED: 01/26/90
DATE EXTRACTED: 02/05/90
DATE ANALYZED: 02/05-12/90

MED-TOX JOB NO: 9001146 & 9001147

ANALYSIS OF: SOIL AND WATER SAMPLES FOR EXTRACTABLE AND PURGEABLE HYDROCARBONS, HERBICIDES, GC/MS VOLATILE ORGANICS, GC/MS EXTRACTABLES, POLYNUCLEAR AROMATIC HYDROCARBONS, AND PRIORITY POLLUTANT METALS

See attached for results

RECEIVED
FEB 23 1990
LEVINE-FRICKE

Michael Lynch, Manager
Organic Laboratory

Results FAXed to Amanda Spencer 02/09/90, 02/10/90 & 02/14/90

LEVINE-FRICKE

CLIENT PROJECT NO: 1649
DATE SAMPLED: 01/25-26/90
DATE RECEIVED: 01/26/90

MED-TOX JOB NO: 9001146
DATE EXTRACTED: 02/05/90
DATE ANALYZED: 01/30-02/12/90
REPORT DATE: 02/21/90

Sample Identification Client Id.	Lab No.	Extractable Hydrocarbons as Diesel (mg/kg)	Extractable Hydrocarbons as Waste Oil (mg/kg)	Extractable Hydrocarbons as Kerosene (mg/kg)	Purgeable Hydrocarbons as Gasoline (mg/kg)
A14(5.5)B	01A	ND	100	---	---
A15(4.5)B	07A	ND	270	---	---
A15(9.5)	08A	ND	ND	---	---
B5(5)B	14A	ND	ND	---	---
B4(3.0)B	19A	ND	220	---	ND*
B4(7.5)	22A	ND	60	110	ND(100)**
B3(1.5)A	26A	ND	ND	---	ND*
LF4(4.0)B	32A	ND	ND	---	---
A23(3.0)B	35A	ND	ND	---	---
Detection Limit		10	20	10	0.2
EPA Method		8015	8015	8015	8015
Instrument:		1	1	1	9

ND = Not Detected

* No gasoline present; toluene found and quantified by 8240.

** Elevated detection limit due to presence of hydrocarbons heavier than those typically contained in gasoline. (See extractable results)

CLIENT PROJECT NO: 1649
CLIENT SAMPLE ID: A23(3.0)B
DATE SAMPLED: 01/25/90
DATE RECEIVED: 01/26/90

REPORT DATE: 02/21/90
MED-TOX JOB NO: 9001146
MED-TOX LAB NO: 9001146-35A
DATE ANALYZED: 02/03-09/90

EPA METHOD 8150*
HERBICIDES

Herbicide	Conc. (ug/kg)	Method Detection Limit (ug/kg)
MCPP	ND	5
MCPA	ND	5
Dalapon	ND	5
Dicamba	54	5
Dichlorprop	ND	5
2,4-D	ND	5
2,4,5-TP	ND	5
2,4,5-T	ND	5
2,4-DB	ND	5
Dinoseb	ND	5

ND = Not Detected

* Subcontracted to a DOHS certified laboratory

CLIENT PROJECT NO: 1649
CLIENT SAMPLE ID: LF8(3.0)B
DATE SAMPLED: 01/26/90
DATE RECEIVED: 01/26/90

REPORT DATE: 02/21/90
MED-TOX JOB NO: 9001146
MED-TOX LAB NO: 9001146-38A
DATE ANALYZED: 02/12-14/90

EPA METHOD 8150*
HERBICIDES

Herbicide	Conc. (ug/kg)	Method Detection Limit (ug/kg)
MCPP	ND	5
MCPA	ND	5
Dalapon	ND	5
Dicamba	ND	5
Dichlorprop	ND	5
2,4-D	ND	5
2,4,5-TP	ND	5
2,4,5-T	740	5
2,4-DB	ND	5
Dinoseb	ND	5

ND = Not Detected

* Subcontracted to a DOHS certified laboratory

LEVINE-FRICKE

CLIENT ID: A14(19.5)C
CLIENT JOB NO: 1649
DATE SAMPLED: 01/25/90
DATE RECEIVED: 01/26/90
REPORT DATE: 02/21/90

MED-TOX LAB NO: 9001146-04A
MED-TOX JOB NO: 9001146
DATE ANALYZED: 01/30/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	540-59-0	ND	5
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	108-88-3	ND	5
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: A15(4.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/25/90
DATE RECEIVED: 01/26/90
REPORT DATE: 02/21/90

MED-TOX LAB NO: 9001146-07A
MED-TOX JOB NO: 9001146
DATE ANALYZED: 01/30/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	540-59-0	ND	5
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	**108-88-3**	**34**	5
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: A15(9.5)
CLIENT JOB NO: 1649
DATE SAMPLED: 01/25/90
DATE RECEIVED: 01/26/90
REPORT DATE: 02/21/90

MED-TOX LAB NO: 9001146-08A
MED-TOX JOB NO: 9001146
DATE ANALYZED: 02/02/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	540-59-0	ND	5
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	**108-88-3**	**16**	**5**
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B5(5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/26/90
DATE RECEIVED: 01/26/90
REPORT DATE: 02/21/90

MED-TOX LAB NO: 9001146-14A
MED-TOX JOB NO: 9001146
DATE ANALYZED: 01/30-31/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	540-59-0	ND	5
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	108-88-3	ND	5
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Vinyl Acetate	108-05-4	ND	
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B4(3.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/26/90
DATE RECEIVED: 01/26/90
REPORT DATE: 02/21/90

MED-TOX LAB NO: 9001146-19A
MED-TOX JOB NO: 9001146
DATE ANALYZED: 01/30-31/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	540-59-0	ND	5
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	**108-88-3**	**290**	5
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B4(7.5)
CLIENT JOB NO: 1649
DATE SAMPLED: 01/26/90
DATE RECEIVED: 01/26/90
REPORT DATE: 02/21/90

MED-TOX LAB NO: 9001146-22A
MED-TOX JOB NO: 9001146
DATE ANALYZED: 02/02-03/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	540-59-0	ND	5
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	**100-41-4**	**19**	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	10
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	**108-88-3**	**24**	5
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: LF4(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/25/90
DATE RECEIVED: 01/26/90
REPORT DATE: 02/21/90

MED-TOX LAB NO: 9001146-32A
MED-TOX JOB NO: 9001146
DATE ANALYZED: 01/30/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	540-59-0	ND	5
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	**108-88-3**	**11**	**5**
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: A23(3.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/25/90
DATE RECEIVED: 01/26/90
REPORT DATE: 02/21/90

MED-TOX LAB NO: 9001146-35A
MED-TOX JOB NO: 9001146
DATE ANALYZED: 01/30/90
INSTRUMENT: I2

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	540-59-0	ND	5
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	**108-88-3**	**54**	5
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: LF8(3.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/26/90
DATE RECEIVED: 01/26/90
REPORT DATE: 02/21/90

MED-TOX LAB NO: 9001146-38A
MED-TOX JOB NO: 9001146
DATE ANALYZED: 01/30/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	540-59-0	ND	5
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	**108-88-3**	**93**	**5**
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: A15(9.5)
CLIENT JOB NO: 1649
DATE SAMPLED: 01/25/90
DATE RECEIVED: 01/26/90
REPORT DATE: 02/21/90

MED-TOX LAB NO: 9001146-08A
MED-TOX JOB NO: 9001146
DATE EXTRACTED: 02/03/90
DATE ANALYZED: 02/05/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzidine	92-87-5	ND	1,600
Benzoic Acid	65-85-0	ND	1,600
Benzo(a)anthracene	56-55-3	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(g,h,i)perylene	191-24-2	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzyl Alcohol	100-51-6	ND	660
Bis(2-chloroethoxy) methane	111-91-1	ND	330
Bis(2-chloroethyl)ether	111-44-4	ND	330
Bis(2-chloroisopropyl) ether	39638-32-9	ND	330
Bis(2-ethylhexyl) phthalate	117-81-7	ND	330
4-Bromophenyl phenyl ether	101-55-3	ND	330
Butylbenzyl phthalate	85-68-7	ND	330
4-Chloroaniline	106-47-8	ND	660
2-Chloronaphthalene	91-58-7	ND	330
4-Chlorophenyl phenyl ether	7005-72-3	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Dibenzofuran	132-64-9	ND	330
Di-n-butylphthalate	84-74-2	ND	330
1,2-Dichlorobenzene	95-50-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: A15(9.5)
CLIENT JOB NO: 1649
DATE SAMPLED: 01/25/90
DATE RECEIVED: 01/26/90
REPORT DATE: 02/21/90

MED-TOX LAB NO: 9001146-08A
MED-TOX JOB NO: 9001146
DATE EXTRACTED: 02/03/90
DATE ANALYZED: 02/05/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	330
1,4-Dichlorobenzene	106-46-7	ND	330
3,3'-Dichlorobenzidine	91-94-1	ND	660
Diethylphthalate	84-66-2	ND	330
Dimethylphthalate	131-11-3	ND	330
2,4-Dinitrotoluene	121-14-2	ND	330
2,6-Dinitrotoluene	606-20-2	ND	330
Di-n-octylphthalate	117-84-0	ND	330
1,2-Diphenylhydrazine	122-66-7	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Hexachlorobenzene	118-74-1	ND	330
Hexachlorobutadiene	87-68-3	ND	330
Hexachlorocyclopentadiene	77-47-4	ND	330
Hexachloroethane	67-72-1	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Isophorone	78-59-1	ND	330
2-Methylnaphthalene	91-57-6	ND	330
Naphthalene	91-20-3	ND	330
2-Nitroaniline	88-74-4	ND	1,600
3-Nitroaniline	99-09-2	ND	1,600
4-Nitroaniline	100-01-6	ND	1,600
Nitrobenzene	98-95-3	ND	330
N-nitrosodimethylamine	62-75-9	ND	330
N-nitrosodiphenylamine	86-30-6	ND	330
N-nitroso-di-n-propylamine	621-64-7	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330
1,2,4-Trichlorobenzene	120-82-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: A15(9.5)
CLIENT JOB NO: 1649
DATE SAMPLED: 01/25/90
DATE RECEIVED: 01/26/90
REPORT DATE: 02/21/90

MED-TOX LAB NO: 9001146-08A
MED-TOX JOB NO: 9001146
DATE EXTRACTED: 02/03/90
DATE ANALYZED: 02/05/90
INSTRUMENT: 11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	330
2-Chlorophenol	95-57-8	ND	330
2,4-Dichlorophenol	120-83-2	ND	330
2,4-Dimethylphenol	105-67-9	ND	330
4,6-Dinitro-2-methylphenol	534-52-1	ND	1,600
2,4-Dinitrophenol	51-28-5	ND	1,600
2-Methylphenol	95-48-7	ND	330
4-Methylphenol	106-44-5	ND	330
2-Nitrophenol	88-75-5	ND	330
4-Nitrophenol	100-02-7	ND	1,600
Pentachlorophenol	87-86-5	ND	1,600
Phenol	108-95-2	ND	330
2,4,5-Trichlorophenol	95-95-4	ND	330
2,4,6-Trichlorophenol	88-06-2	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B5(5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/26/90
DATE RECEIVED: 01/26/90
REPORT DATE: 02/21/90

MED-TOX LAB NO: 9001146-14A
MED-TOX JOB NO: 9001146
DATE EXTRACTED: 02/03/90
DATE ANALYZED: 02/05/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzidine	92-87-5	ND	1,600
Benzoic Acid	65-85-0	ND	1,600
Benzo(a)anthracene	56-55-3	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(g,h,i)perylene	191-24-2	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzyl Alcohol	100-51-6	ND	660
Bis(2-chloroethoxy) methane	111-91-1	ND	330
Bis(2-chloroethyl)ether	111-44-4	ND	330
Bis(2-chloroisopropyl) ether	39638-32-9	ND	330
Bis(2-ethylhexyl) phthalate	117-81-7	ND	330
4-Bromophenyl phenyl ether	101-55-3	ND	330
Butylbenzyl phthalate	85-68-7	ND	330
4-Chloroaniline	106-47-8	ND	660
2-Chloronaphthalene	91-58-7	ND	330
4-Chlorophenyl phenyl ether	7005-72-3	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Dibenzofuran	132-64-9	ND	330
Di-n-butylphthalate	84-74-2	ND	330
1,2-Dichlorobenzene	95-50-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B5(5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/26/90
DATE RECEIVED: 01/26/90
REPORT DATE: 02/21/90

MED-TOX LAB NO: 9001146-14A
MED-TOX JOB NO: 9001146
DATE EXTRACTED: 02/03/90
DATE ANALYZED: 02/05/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	330
1,4-Dichlorobenzene	106-46-7	ND	330
3,3'-Dichlorobenzidine	91-94-1	ND	660
Diethylphthalate	84-66-2	ND	330
Dimethylphthalate	131-11-3	ND	330
2,4-Dinitrotoluene	121-14-2	ND	330
2,6-Dinitrotoluene	606-20-2	ND	330
Di-n-octylphthalate	117-84-0	ND	330
1,2-Diphenylhydrazine	122-66-7	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Hexachlorobenzene	118-74-1	ND	330
Hexachlorobutadiene	87-68-3	ND	330
Hexachlorocyclopentadiene	77-47-4	ND	330
Hexachloroethane	67-72-1	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Isophorone	78-59-1	ND	330
2-Methylnaphthalene	91-57-6	ND	330
Naphthalene	91-20-3	ND	330
2-Nitroaniline	88-74-4	ND	1,600
3-Nitroaniline	99-09-2	ND	1,600
4-Nitroaniline	100-01-6	ND	1,600
Nitrobenzene	98-95-3	ND	330
N-nitrosodimethylamine	62-75-9	ND	330
N-nitrosodiphenylamine	86-30-6	ND	330
N-nitroso-di-n-propylamine	621-64-7	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330
1,2,4-Trichlorobenzene	120-82-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B5(5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/26/90
DATE RECEIVED: 01/26/90
REPORT DATE: 02/21/90

MED-TOX LAB NO: 9001146-14A
MED-TOX JOB NO: 9001146
DATE EXTRACTED: 02/03/90
DATE ANALYZED: 02/05/90
INSTRUMENT: 11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	330
2-Chlorophenol	95-57-8	ND	330
2,4-Dichlorophenol	120-83-2	ND	330
2,4-Dimethylphenol	105-67-9	ND	330
4,6-Dinitro-2-methylphenol	534-52-1	ND	1,600
2,4-Dinitrophenol	51-28-5	ND	1,600
2-Methylphenol	95-48-7	ND	330
4-Methylphenol	106-44-5	ND	330
2-Nitrophenol	88-75-5	ND	330
4-Nitrophenol	100-02-7	ND	1,600
Pentachlorophenol	87-86-5	ND	1,600
Phenol	108-95-2	ND	330
2,4,5-Trichlorophenol	95-95-4	ND	330
2,4,6-Trichlorophenol	88-06-2	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: LF4(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/25/90
DATE RECEIVED: 01/26/90
REPORT DATE: 02/21/90

MED-TOX LAB NO: 9001146-32A
MED-TOX JOB NO: 9001146
DATE EXTRACTED: 02/03/90
DATE ANALYZED: 02/05/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzidine	92-87-5	ND	1,600
Benzoic Acid	65-85-0	ND	1,600
Benzo(a)anthracene	56-55-3	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(g,h,i)perylene	191-24-2	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzyl Alcohol	100-51-6	ND	660
Bis(2-chloroethoxy) methane	111-91-1	ND	330
Bis(2-chloroethyl)ether	111-44-4	ND	330
Bis(2-chloroisopropyl) ether	39638-32-9	ND	330
Bis(2-ethylhexyl) phthalate	117-81-7	ND	330
4-Bromophenyl phenyl ether	101-55-3	ND	330
Butylbenzyl phthalate	85-68-7	ND	330
4-Chloroaniline	106-47-8	ND	660
2-Chloronaphthalene	91-58-7	ND	330
4-Chlorophenyl phenyl ether	7005-72-3	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Dibenzofuran	132-64-9	ND	330
Di-n-butylphthalate	84-74-2	ND	330
I,2-Dichlorobenzene	95-50-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: LF4(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/25/90
DATE RECEIVED: 01/26/90
REPORT DATE: 02/21/90

MED-TOX LAB NO: 9001146-32A
MED-TOX JOB NO: 9001146
DATE EXTRACTED: 02/03/90
DATE ANALYZED: 02/05/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	330
1,4-Dichlorobenzene	106-46-7	ND	330
3,3'-Dichlorobenzidine	91-94-1	ND	660
Diethylphthalate	84-66-2	ND	330
Dimethylphthalate	131-11-3	ND	330
2,4-Dinitrotoluene	121-14-2	ND	330
2,6-Dinitrotoluene	606-20-2	ND	330
Di-n-octylphthalate	117-84-0	ND	330
1,2-Diphenylhydrazine	122-66-7	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Hexachlorobenzene	118-74-1	ND	330
Hexachlorobutadiene	87-68-3	ND	330
Hexachlorocyclopentadiene	77-47-4	ND	330
Hexachloroethane	67-72-1	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Isophorone	78-59-1	ND	330
2-Methylnaphthalene	91-57-6	ND	330
Naphthalene	91-20-3	ND	330
2-Nitroaniline	88-74-4	ND	1,600
3-Nitroaniline	99-09-2	ND	1,600
4-Nitroaniline	100-01-6	ND	1,600
Nitrobenzene	98-95-3	ND	330
N-nitrosodimethylamine	62-75-9	ND	330
N-nitrosodiphenylamine	86-30-6	ND	330
N-nitroso-di-n-propylamine	621-64-7	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330
1,2,4-Trichlorobenzene	120-82-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: LF4(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/25/90
DATE RECEIVED: 01/26/90
REPORT DATE: 02/21/90

MED-TOX LAB NO: 9001146-32A
MED-TOX JOB NO: 9001146
DATE EXTRACTED: 02/03/90
DATE ANALYZED: 02/05/90
INSTRUMENT: 11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	330
2-Chlorophenol	95-57-8	ND	330
2,4-Dichlorophenol	120-83-2	ND	330
2,4-Dimethylphenol	105-67-9	ND	330
4,6-Dinitro-2-methylphenol	534-52-1	ND	1,600
2,4-Dinitrophenol	51-28-5	ND	1,600
2-Methylphenol	95-48-7	ND	330
4-Methylphenol	106-44-5	ND	330
2-Nitrophenol	88-75-5	ND	330
4-Nitrophenol	100-02-7	ND	1,600
Pentachlorophenol	87-86-5	ND	1,600
Phenol	108-95-2	ND	330
2,4,5-Trichlorophenol	95-95-4	ND	330
2,4,6-Trichlorophenol	88-06-2	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: A23(3.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/25/90
DATE RECEIVED: 01/26/90
REPORT DATE: 02/21/90

MED-TOX LAB NO: 9001146-35A
MED-TOX JOB NO: 9001146
DATE EXTRACTED: 02/03/90
DATE ANALYZED: 02/05/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzidine	92-87-5	ND	1,600
Benzoic Acid	65-85-0	ND	1,600
Benzo(a)anthracene	56-55-3	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(g,h,i)perylene	191-24-2	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzyl Alcohol	100-51-6	ND	660
Bis(2-chloroethoxy) methane	111-91-1	ND	330
Bis(2-chloroethyl)ether	111-44-4	ND	330
Bis(2-chloroisopropyl) ether	39638-32-9	ND	330
Bis(2-ethylhexyl) phthalate	117-81-7	ND	330
4-Bromophenyl phenyl ether	101-55-3	ND	330
Butylbenzyl phthalate	85-68-7	ND	330
4-Chloroaniline	106-47-8	ND	660
2-Chloronaphthalene	91-58-7	ND	330
4-Chlorophenyl phenyl ether	7005-72-3	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Dibenzofuran	132-64-9	ND	330
Di-n-butylphthalate	84-74-2	ND	330
1,2-Dichlorobenzene	95-50-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: A23(3.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/25/90
DATE RECEIVED: 01/26/90
REPORT DATE: 02/21/90

MED-TOX LAB NO: 9001146-35A
MED-TOX JOB NO: 9001146
DATE EXTRACTED: 02/03/90
DATE ANALYZED: 02/05/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	330
1,4-Dichlorobenzene	106-46-7	ND	330
3,3'-Dichlorobenzidine	91-94-1	ND	660
Diethylphthalate	84-66-2	ND	330
Dimethylphthalate	131-11-3	ND	330
2,4-Dinitrotoluene	121-14-2	ND	330
2,6-Dinitrotoluene	606-20-2	ND	330
Di-n-octylphthalate	117-84-0	ND	330
1,2-Diphenylhydrazine	122-66-7	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Hexachlorobenzene	118-74-1	ND	330
Hexachlorobutadiene	87-68-3	ND	330
Hexachlorocyclopentadiene	77-47-4	ND	330
Hexachloroethane	67-72-1	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Isophorone	78-59-1	ND	330
2-Methylnaphthalene	91-57-6	ND	330
Naphthalene	91-20-3	ND	330
2-Nitroaniline	88-74-4	ND	1,600
3-Nitroaniline	99-09-2	ND	1,600
4-Nitroaniline	100-01-6	ND	1,600
Nitrobenzene	98-95-3	ND	330
N-nitrosodimethylamine	62-75-9	ND	330
N-nitrosodiphenylamine	86-30-6	ND	330
N-nitroso-di-n-propylamine	621-64-7	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330
1,2,4-Trichlorobenzene	120-82-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: A23(3.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/25/90
DATE RECEIVED: 01/26/90
REPORT DATE: 02/21/90

MED-TOX LAB NO: 9001146-35A
MED-TOX JOB NO: 9001146
DATE EXTRACTED: 02/03/90
DATE ANALYZED: 02/05/90
INSTRUMENT: 11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	330
2-Chlorophenol	95-57-8	ND	330
2,4-Dichlorophenol	120-83-2	ND	330
2,4-Dimethylphenol	105-67-9	ND	330
4,6-Dinitro-2-methylphenol	534-52-1	ND	1,600
2,4-Dinitrophenol	51-28-5	ND	1,600
2-Methylphenol	95-48-7	ND	330
4-Methylphenol	106-44-5	ND	330
2-Nitrophenol	88-75-5	ND	330
4-Nitrophenol	100-02-7	ND	1,600
Pentachlorophenol	87-86-5	ND	1,600
Phenol	108-95-2	ND	330
2,4,5-Trichlorophenol	95-95-4	ND	330
2,4,6-Trichlorophenol	88-06-2	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: LF8(3.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/26/90
DATE RECEIVED: 01/26/90
REPORT DATE: 02/21/90

MED-TOX LAB NO: 9001146-38A
MED-TOX JOB NO: 9001146
DATE EXTRACTED: 02/03/90
DATE ANALYZED: 02/05/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzidine	92-87-5	ND	1,600
Benzoic Acid	65-85-0	ND	1,600
Benzo(a)anthracene	56-55-3	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(g,h,i)perylene	191-24-2	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzyl Alcohol	100-51-6	ND	660
Bis(2-chloroethoxy) methane	111-91-1	ND	330
Bis(2-chloroethyl)ether	111-44-4	ND	330
Bis(2-chloroisopropyl) ether	39638-32-9	ND	330
Bis(2-ethylhexyl) phthalate	117-81-7	ND	330
4-Bromophenyl phenyl ether	101-55-3	ND	330
Butylbenzyl phthalate	85-68-7	ND	330
4-Chloroaniline	106-47-8	ND	660
2-Chloronaphthalene	91-58-7	ND	330
4-Chlorophenyl phenyl ether	7005-72-3	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Dibenzofuran	132-64-9	ND	330
Di-n-butylphthalate	84-74-2	ND	330
1,2-Dichlorobenzene	95-50-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: LF8(3.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/26/90
DATE RECEIVED: 01/26/90
REPORT DATE: 02/21/90

MED-TOX LAB NO: 9001146-38A
MED-TOX JOB NO: 9001146
DATE EXTRACTED: 02/03/90
DATE ANALYZED: 02/05/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	330
1,4-Dichlorobenzene	106-46-7	ND	330
3,3'-Dichlorobenzidine	91-94-1	ND	660
Diethylphthalate	84-66-2	ND	330
Dimethylphthalate	131-11-3	ND	330
2,4-Dinitrotoluene	121-14-2	ND	330
2,6-Dinitrotoluene	606-20-2	ND	330
Di-n-octylphthalate	117-84-0	ND	330
1,2-Diphenylhydrazine	122-66-7	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Hexachlorobenzene	118-74-1	ND	330
Hexachlorobutadiene	87-68-3	ND	330
Hexachlorocyclopentadiene	77-47-4	ND	330
Hexachloroethane	67-72-1	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Isophorone	78-59-1	ND	330
2-Methylnaphthalene	91-57-6	ND	330
Naphthalene	91-20-3	ND	330
2-Nitroaniline	88-74-4	ND	1,600
3-Nitroaniline	99-09-2	ND	1,600
4-Nitroaniline	100-01-6	ND	1,600
Nitrobenzene	98-95-3	ND	330
N-nitrosodimethylamine	62-75-9	ND	330
N-nitrosodiphenylamine	86-30-6	ND	330
N-nitroso-di-n-propylamine	621-64-7	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330
1,2,4-Trichlorobenzene	120-82-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: LF8(3.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/26/90
DATE RECEIVED: 01/26/90
REPORT DATE: 02/21/90

MED-TOX LAB NO: 9001146-38A
MED-TOX JOB NO: 9001146
DATE EXTRACTED: 02/03/90
DATE ANALYZED: 02/05/90
INSTRUMENT: 11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	330
2-Chlorophenol	95-57-8	ND	330
2,4-Dichlorophenol	120-83-2	ND	330
2,4-Dimethylphenol	105-67-9	ND	330
4,6-Dinitro-2-methylphenol	534-52-1	ND	1,600
2,4-Dinitrophenol	51-28-5	ND	1,600
2-Methylphenol	95-48-7	ND	330
4-Methylphenol	106-44-5	ND	330
2-Nitrophenol	88-75-5	ND	330
4-Nitrophenol	100-02-7	ND	1,600
Pentachlorophenol	87-86-5	ND	1,600
Phenol	108-95-2	ND	330
2,4,5-Trichlorophenol	95-95-4	ND	330
2,4,6-Trichlorophenol	88-06-2	ND	330

ND = Not Detected

CLIENT PROJECT NO: 1649
CLIENT SAMPLE ID: B3(1.5)A
DATE SAMPLED: 01/26/90
DATE RECEIVED: 01/26/90

REPORT DATE: 02/21/90
MED-TOX JOB NO: 9001146
MED-TOX LAB NO: 9001146-26A
DATE EXTRACTED: 02/03/90
DATE ANALYZED: 02/05/90
INSTRUMENT: 11

EPA METHOD 8270
POLYNUCLEAR AROMATIC HYDROCARBONS

COMPOUND	CAS #	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzo(a)anthracene	56-55-3	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(ghi)perylene	191-24-2	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Naphthalene	91-20-3	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: A14(5.5)B
CLIENT JOB NO: 1649
DATE RECEIVED: 01/26/90

MED-TOX LAB NO: 9001146-01A
MED-TOX JOB NO: 9001146
REPORT DATE: 02/21/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	5.3	0.5	7060	V12
Be	Beryllium	0.5	0.2	7090	V22
Cd	Cadmium	1.6	0.2	7130	V22
Cr	Chromium	34	1	7190	V22
Cu	Copper	150	1	7210	V22
Pb	Lead	140	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	32	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	110	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: A15(3)A
CLIENT JOB NO: 1649
DATE RECEIVED: 01/26/90

MED-TOX LAB NO: 9001146-05A
MED-TOX JOB NO: 9001146
REPORT DATE: 02/21/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	15	0.5	7060	V12
Be	Beryllium	0.5	0.2	7090	V22
Cd	Cadmium	0.3	0.2	7130	V22
Cr	Chromium	38	1	7190	V22
Cu	Copper	110	1	7210	V22
Pb	Lead	92	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	39	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	95	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: A15(4.5)B
CLIENT JOB NO: 1649
DATE RECEIVED: 01/26/90

MED-TOX LAB NO: 9001146-07A
MED-TOX JOB NO: 9001146
REPORT DATE: 02/21/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	5.2	0.5	7060	V12
Be	Beryllium	0.4	0.2	7090	V22
Cd	Cadmium	0.7	0.2	7130	V22
Cr	Chromium	32	1	7190	V22
Cu	Copper	41	1	7210	V22
Pb	Lead	64	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	47	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	160	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: A10(4.5)B
CLIENT JOB NO: 1649
DATE RECEIVED: 01/26/90

MED-TOX LAB NO: 9001146-29A
MED-TOX JOB NO: 9001146
REPORT DATE: 02/21/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	3.4	0.5	7060	V12
Be	Beryllium	0.5	0.2	7090	V22
Cd	Cadmium	0.7	0.2	7130	V22
Cr	Chromium	41	1	7190	V22
Cu	Copper	56	1	7210	V22
Pb	Lead	24	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	42	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	240	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: LF4(4.0)B
CLIENT JOB NO: 1649
DATE RECEIVED: 01/26/90

MED-TOX LAB NO: 9001146-32A
MED-TOX JOB NO: 9001146
REPORT DATE: 02/21/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	3.8	0.5	7060	V12
Be	Beryllium	0.6	0.2	7090	V22
Cd	Cadmium	0.2	0.2	7130	V22
Cr	Chromium	42	1	7190	V22
Cu	Copper	31	1	7210	V22
Pb	Lead	7	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	44	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	57	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: A23(3.0)B
CLIENT JOB NO: 1649
DATE RECEIVED: 01/26/90

MED-TOX LAB NO: 9001146-35A
MED-TOX JOB NO: 9001146
REPORT DATE: 02/21/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	12	0.5	7060	V12
Be	Beryllium	0.9	0.2	7090	V22
Cd	Cadmium	0.2	0.2	7130	V22
Cr	Chromium	28	1	7190	V22
Cu	Copper	12	1	7210	V22
Pb	Lead	10	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	22	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	23	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

R-4
5-E

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

9001146

Project No.: 1649	Field Logbook No.:	Date: 1-25-90	Serial No.: № 6081
Project Name: YERBA BUENA	Project Location: OAKLAND		
Sampler (Signature): [signature]			Samplers: LPL

SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CON-TAINERS	SAMPLE TYPE	EPA 8240	CAM 13 METALS PP-L	EPA 8015 TPH DIESEL/OIL	EPA 8270			HOLD	RUSH	REMARKS
A14(5.5)B	1-25		1	1	Soil		X	X						
A14(10)G	↓		2	1	↓							X		NORMAL TURNAROUND
A14(12)G			3	1								X		SEND RESULTS TO
A14(19.5)C			4	1		X								AMANDA SPENCER &
A15(3)A			5	1			X		X					BETH GURNEY
A15(3.5)A			6	1								X		
A15(4.5)B			7	1		X	X	X	X					
A15(9.5)			8	1		X		X	X			~~X~~		off Hold 2/1
A15(12.5)			9	1								X		
A15(16)G			10	1								X		
A15(17.5)			11	1								X		
A15(21)C			12	1	↓	X		X	X			X		
A15C	↓	1600		5	Ground Water	X		X	X					9001147
B5(2.5)A	1-26		13	1	Soil							X		
B5(5)B			14	1		X		X	X					
B5(10)C	↓		15	1	↓							X		

RELINQUISHED BY: (Signature) [signature]	DATE 1-26-90	TIME 341	RECEIVED BY: (Signature) [signature] St John	DATE 1/26/90	TIME 3:41
RELINQUISHED BY: (Signature) [signature] St John	DATE 1/26/90	TIME 4:25	RECEIVED BY: (Signature) G. Van Vlieh	DATE 1-26-90	TIME 1630
RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	DATE	TIME
METHOD OF SHIPMENT: P.U.	DATE	TIME	LAB COMMENTS:		

Sample Collector: LEVINE-FRICKE 1900 Powell Street, 12th Floor Emeryville, Ca 94608 (415) 652-4500	Analytical Laboratory: MED TOX

Shipping C (White) Lab Copy (Green) File Copy (Yellow) [ ] Copy (Pink) FORM N( )/COC/ARF

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

9001146

Project No.: 1649	Field Logbook No.:	Date: 1-26-90	Serial No.: № 6037
Project Name: YERBA BUENA	Project Location: OAKLAND		
Sampler (Signature): Larry Jazayeri			Samplers: LDC

SAMPLES / ANALYSES

SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CON-TAINERS	SAMPLE TYPE	~~EPA 8010~~	~~EPA 8240~~	EPA 8015 TPH GAS	EPA 8015 TPH DIESEL	[illegible]	[illegible]	HOLD	RUSH	REMARKS
B5(14)	1-26		16	1	SOIL							X		NORMAL TURNAROUND
B5(14.5)C			17	1								X		~~SEND RESULTS~~
B5(20.5)			18	1								X		SEND RESULTS TO
B4(3.0)B			19	1			X	X	X					AMANDA SPENCER &
B4(3.5)B			20	1								X		BETH GURNEY
B4(7)			21	1								X		
B4(7.5)			22	1			X	X	X			~~X~~		off hold 2/1
B4(11)C			23	1			X	X	X			X		
B4(11.5)			24	1								X		
B4C		1315		5	GROUND WATER		X	X	X					9001147
B3(4.5)B			25	1	SOIL	~~X~~			~~X~~			X		2/1 on hold
B3(15)A			26	1		X			X			~~X~~		2/1 off hold
B3(9.5)C			27	1					X			X		
B3C		1445		1	GROUND WATER				X					9001147
~~A10(15)C~~	~~1-24~~		28	1	~~SOIL~~							~~X~~		
A10(4.5)B	1-24		29	1	SOIL					X				

RELINQUISHED BY: (Signature) Larry Jazayeri	DATE 1-26-90	TIME 3:41	RECEIVED BY: (Signature) [illegible signature]	DATE 1/26/90	TIME 3:41
RELINQUISHED BY: (Signature) [illegible signature]	DATE 1/26/90	TIME 4:18	RECEIVED BY: (Signature) G. VanVleet	DATE 1-26-90	TIME 16:30
RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	DATE	TIME
METHOD OF SHIPMENT: P/U	DATE	TIME	LAB COMMENTS:		

Sample Collector: LEVINE-FRICKE 1900 Powell Street, 12th Floor Emeryville, Ca 94608 (415) 652-4500	Analytical Laboratory: MED TOX

Shipping Co (White) Lab Copy (Green) File Copy (Yellow) F Copy (Pink) FORM NO /COC/ARF

A23
LF-8
LF-4
3

CHAIN OF CUSTODY / ANALYSES REQUEST FORM 900146

Project No.: 1649	Field Logbook No.:	Date: 1/26/90	Serial No.: № 6078
Project Name: Yerba Buena	Project Location: Emeryville CA		
Sampler (Signature): CKG / CK Good			Samplers: CKG

SAMPLES / ANALYSES

SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CONTAINERS	SAMPLE TYPE	~~EPA 608~~ 8150	~~CAM 13 metals~~ EPA 624 PPL	8240	8270	8015-TPH Diesel/oil	8015-TPH Gas	HOLD	RUSH	REMARKS
LF4(0.5)A	1/25	10:30	30	1	Soil							X		
LF4(2.5)	↓	10:50	31	↓	↓							X		
LF4(4.0)B	↓	10:56	32	↓	↓		X	X	X	X	X			
LF4(13.0)C	↓	12:00	33	↓	↓							X		
														2/1
A23(1.0)A	1/25	3:35	34	1	Soil							X		8270 → ~~include pesticides~~
A23(3.0)B	↓	3:48	35	↓	↓	X	X	X	(X)	X				+ herbicides?
A23(10.0)	↓	4:20	36	↓	↓							X		add 8150
LF8(1.0)A	1/24	10:45	37	1	Soil							X		
LF8(3.0)B	↓	11:00	38	↓	↓	X		X	(X)					
LF8(9.0)C	↓	11:43	39	↓	↓							X		

RELINQUISHED BY: (Signature) Christopher K Good	DATE 1/26/90	TIME 3:35pm	RECEIVED BY: (Signature) Galon St[illegible]	DATE 1/26/90	TIME 3:35pm
RELINQUISHED BY: (Signature) Galon St[illegible]	DATE 1/26/90	TIME 4:25	RECEIVED BY: (Signature) G. Van V[illegible]	DATE 1-26-90	TIME 6:30
RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	DATE	TIME
METHOD OF SHIPMENT:	DATE	TIME	LAB COMMENTS:		

Sample Collector: LEVINE-FRICKE 1900 Powell Street, 12th Floor Emeryville, Ca 94608 (415) 652-4500	Analytical Laboratory: Med Tox

FILE
1649

MED-TOX ASSOCIATES, INC.

ENVIRONMENTAL & OCCUPATIONAL HEALTH SERVICES

3440 Vincent Road Pleasant Hill, CA 94523 • (415) 930-9090 • FAX# (415) 930-0256

LABORATORY ANALYSIS REPORT

LEVINE-FRICKE
1900 POWELL ST., 12TH FL.
EMERYVILLE, CA 94608

ATTN: AMANDA SPENCER

REPORT DATE: 02/26/90

DATE SAMPLED: 01/25-02/02/90
DATE RECEIVED: 02/02/90
DATE EXTRACTED: 02/12/90
DATE ANALYZED: 02/15-17/90

CLIENT PROJECT NO: 1649

MED-TOX JOB NO: 9002020

ANALYSIS OF: SOIL FOR EXTRACTABLE HYDROCARBONS, GC/MS VOLATILE ORGANICS, GC/MS EXTRACTABLES, AND PRIORITY POLLUTANT METALS

Sample Identification Client Id.	Lab No.	Extractable Hydrocarbons as Diesel (mg/kg)	Extractable Hydrocarbons as Waste Oil (mg/kg)
LF-13(5)B	14A	ND	ND
LF-14(4.5)B	19A	ND	190
Detection limit		10	20

Method: EPA 8015

Instrument: 5

ND = Not Detected

RECEIVED
FEB 28 [illegible]
LEVINE-FRICKE

Michael Lynch
Michael Lynch, Manager
Organic Laboratory

Results FAXed to Amanda Spencer 02/14/90, 02/21/90 & 02/24/90

LEVINE-FRICKE

CLIENT ID: LF10(4.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/31/90
DATE RECEIVED: 02/02/90
REPORT DATE: 02/26/90

MED-TOX LAB NO: 9002020-04A
MED-TOX JOB NO: 9002020
DATE ANALYZED: 02/13/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	540-59-0	ND	5
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	**108-88-3**	**35**	5
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: LF11(4)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/01/90
DATE RECEIVED: 02/02/90
REPORT DATE: 02/26/90

MED-TOX LAB NO: 9002020-08A
MED-TOX JOB NO: 9002020
DATE ANALYZED: 02/13/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	540-59-0	ND	5
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	**108-88-3**	**14**	5
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: LF13(5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/01/90
DATE RECEIVED: 02/02/90
REPORT DATE: 02/26/90

MED-TOX LAB NO: 9002020-14A
MED-TOX JOB NO: 9002020
DATE ANALYZED: 02/13-14/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	500
Benzene	71-43-2	ND	30
Bromodichloromethane	75-27-4	ND	30
Bromoform	75-25-2	ND	30
Bromomethane	74-83-9	ND	50
2-Butanone	78-93-3	ND	500
Carbon Disulfide	75-15-0	ND	50
Carbon Tetrachloride	56-23-5	ND	30
Chlorobenzene	108-90-7	ND	30
Chloroethane	75-00-3	ND	50
2-Chloroethyl Vinyl Ether	110-75-8	ND	50
Chloroform	67-66-3	ND	30
Chloromethane	74-87-3	ND	50
Dibromochloromethane	124-48-1	ND	30
1,1-Dichloroethane	75-34-3	ND	30
1,2-Dichloroethane	107-06-2	ND	30
1,1-Dichloroethene	75-35-4	ND	30
1,2-Dichloroethene, total	540-59-0	ND	30
1,2-Dichloropropane	78-87-5	ND	30
cis-1,3-Dichloropropene	10061-01-5	ND	30
trans-1,3-Dichloropropene	10061-02-6	ND	30
Ethylbenzene	100-41-4	ND	30
2-Hexanone	591-78-6	ND	300
Methylene Chloride	75-09-2	ND	30
4-Methyl-2-pentanone	108-10-1	ND	300
Styrene	100-42-5	ND	30
1,1,2,2-Tetrachloroethane	79-34-5	ND	30
Tetrachloroethene	127-18-4	ND	30
Toluene	**108-88-3**	**85**	**30**
1,1,1-Trichloroethane	71-55-6	ND	30
1,1,2-Trichloroethane	79-00-5	ND	30
Trichloroethene	79-01-6	ND	30
Vinyl Acetate	108-05-4	ND	300
Vinyl Chloride	75-01-4	ND	50
Xylenes, total	1330-20-7	ND	50

ND = Not Detected
Due to an apparent 'matrix effect', it was necessary to dilute this sample 5x to achieve adequate internal standard recovery.

LEVINE-FRICKE

CLIENT ID: LF14(4.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/02/90
DATE RECEIVED: 02/02/90
REPORT DATE: 02/26/90

MED-TOX LAB NO: 9002020-19A
MED-TOX JOB NO: 9002020
DATE ANALYZED: 02/13-14/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	500
Benzene	71-43-2	ND	30
Bromodichloromethane	75-27-4	ND	30
Bromoform	75-25-2	ND	30
Bromomethane	74-83-9	ND	50
2-Butanone	78-93-3	ND	500
Carbon Disulfide	75-15-0	ND	50
Carbon Tetrachloride	56-23-5	ND	30
Chlorobenzene	108-90-7	ND	30
Chloroethane	75-00-3	ND	50
2-Chloroethyl Vinyl Ether	110-75-8	ND	50
Chloroform	67-66-3	ND	30
Chloromethane	74-87-3	ND	50
Dibromochloromethane	124-48-1	ND	30
1,1-Dichloroethane	75-34-3	ND	30
1,2-Dichloroethane	107-06-2	ND	30
1,1-Dichloroethene	75-35-4	ND	30
1,2-Dichloroethene, total	540-59-0	ND	30
1,2-Dichloropropane	78-87-5	ND	30
cis-1,3-Dichloropropene	10061-01-5	ND	30
trans-1,3-Dichloropropene	10061-02-6	ND	30
Ethylbenzene	100-41-4	ND	30
2-Hexanone	591-78-6	ND	300
Methylene Chloride	75-09-2	ND	30
4-Methyl-2-pentanone	108-10-1	ND	300
Styrene	100-42-5	ND	30
1,1,2,2-Tetrachloroethane	79-34-5	ND	30
Tetrachloroethene	127-18-4	ND	30
Toluene	**108-88-3**	**180**	30
1,1,1-Trichloroethane	71-55-6	ND	30
1,1,2-Trichloroethane	79-00-5	ND	30
Trichloroethene	79-01-6	ND	30
Vinyl Acetate	108-05-4	ND	300
Vinyl Chloride	75-01-4	ND	50
Xylenes, total	1330-20-7	ND	50

ND = Not Detected
Due to an apparent 'matrix effect', it was necessary to dilute this sample 5x to achieve adequate internal standard recovery.

LEVINE-FRICKE

CLIENT ID: LF10(4.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/31/90
DATE RECEIVED: 02/02/90
REPORT DATE: 02/26/90

MED-TOX LAB NO: 9002020-04A
MED-TOX JOB NO: 9002020
DATE EXTRACTED: 02/10/90
DATE ANALYZED: 02/11/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzidine	92-87-5	ND	1600
Benzoic Acid	65-85-0	ND	1600
Benzo(a)anthracene	56-55-3	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(g,h,i)perylene	191-24-2	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzyl Alcohol	100-51-6	ND	660
Bis(2-chloroethoxy) methane	111-91-1	ND	330
Bis(2-chloroethyl)ether	111-44-4	ND	330
Bis(2-chloroisopropyl) ether	39638-32-9	ND	330
Bis(2-ethylhexyl) phthalate	117-81-7	ND	330
4-Bromophenyl phenyl ether	101-55-3	ND	330
Butylbenzyl phthalate	85-68-7	ND	330
4-Chloroaniline	106-47-8	ND	660
2-Chloronaphthalene	91-58-7	ND	330
4-Chlorophenyl phenyl ether	7005-72-3	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Dibenzofuran	132-64-9	ND	330
Di-n-butylphthalate	84-74-2	ND	330
1,2-Dichlorobenzene	95-50-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: LF10(4.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/31/90
DATE RECEIVED: 02/02/90
REPORT DATE: 02/26/90

MED-TOX LAB NO: 9002020-04A
MED-TOX JOB NO: 9002020
DATE EXTRACTED: 02/10/90
DATE ANALYZED: 02/11/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	330
1,4-Dichlorobenzene	106-46-7	ND	330
3,3'-Dichlorobenzidine	91-94-1	ND	660
Diethylphthalate	84-66-2	ND	330
Dimethylphthalate	131-11-3	ND	330
2,4-Dinitrotoluene	121-14-2	ND	330
2,6-Dinitrotoluene	606-20-2	ND	330
Di-n-octylphthalate	117-84-0	ND	330
1,2-Diphenylhydrazine	122-66-7	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Hexachlorobenzene	118-74-1	ND	330
Hexachlorobutadiene	87-68-3	ND	330
Hexachlorocyclopentadiene	77-47-4	ND	330
Hexachloroethane	67-72-1	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Isophorone	78-59-1	ND	330
2-Methylnaphthalene	91-57-6	ND	330
Naphthalene	91-20-3	ND	330
2-Nitroaniline	88-74-4	ND	1600
3-Nitroaniline	99-09-2	ND	1600
4-Nitroaniline	100-01-6	ND	1600
Nitrobenzene	98-95-3	ND	330
N-nitrosodimethylamine	62-75-9	ND	330
N-nitrosodiphenylamine	86-30-6	ND	330
N-nitroso-di-n-propylamine	621-64-7	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330
1,2,4-Trichlorobenzene	120-82-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: LF10(4.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/31/90
DATE RECEIVED: 02/02/90
REPORT DATE: 02/26/90

MED-TOX LAB NO: 9002020-04A
MED-TOX JOB NO: 9002020
DATE EXTRACTED: 02/10/90
DATE ANALYZED: 02/11/90
INSTRUMENT: 11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	330
2-Chlorophenol	95-57-8	ND	330
2,4-Dichlorophenol	120-83-2	ND	330
2,4-Dimethylphenol	105-67-9	ND	330
4,6-Dinitro-2-methylphenol	534-52-1	ND	1600
2,4-Dinitrophenol	51-28-5	ND	1600
2-Methylphenol	95-48-7	ND	330
4-Methylphenol	106-44-5	ND	330
2-Nitrophenol	88-75-5	ND	330
4-Nitrophenol	100-02-7	ND	1600
Pentachlorophenol	87-86-5	ND	1600
Phenol	108-95-2	ND	330
2,4,5-Trichlorophenol	95-95-4	ND	330
2,4,6-Trichlorophenol	88-06-2	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: LF11(1.5)A
CLIENT JOB NO: 1649
DATE SAMPLED: 02/01/90
DATE RECEIVED: 02/02/90
REPORT DATE: 02/26/90

MED-TOX LAB NO: 9002020-07A
MED-TOX JOB NO: 9002020
DATE EXTRACTED: 02/12/90
DATE ANALYZED: 02/15/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzidine	92-87-5	ND	1600
Benzoic Acid	65-85-0	ND	1600
Benzo(a)anthracene	56-55-3	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(g,h,i)perylene	191-24-2	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzyl Alcohol	100-51-6	ND	660
Bis(2-chloroethoxy) methane	111-91-1	ND	330
Bis(2-chloroethyl)ether	111-44-4	ND	330
Bis(2-chloroisopropyl) ether	39638-32-9	ND	330
Bis(2-ethylhexyl) phthalate	117-81-7	ND	330
4-Bromophenyl phenyl ether	101-55-3	ND	330
Butylbenzyl phthalate	85-68-7	ND	330
4-Chloroaniline	106-47-8	ND	660
2-Chloronaphthalene	91-58-7	ND	330
4-Chlorophenyl phenyl ether	7005-72-3	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Dibenzofuran	132-64-9	ND	330
Di-n-butylphthalate	84-74-2	ND	330
1,2-Dichlorobenzene	95-50-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: LF11(1.5)A
CLIENT JOB NO: 1649
DATE SAMPLED: 02/01/90
DATE RECEIVED: 02/02/90
REPORT DATE: 02/26/90

MED-TOX LAB NO: 9002020-07A
MED-TOX JOB NO: 9002020
DATE EXTRACTED: 02/12/90
DATE ANALYZED: 02/15/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	330
1,4-Dichlorobenzene	106-46-7	ND	330
3,3'-Dichlorobenzidine	91-94-1	ND	660
Diethylphthalate	84-66-2	ND	330
Dimethylphthalate	131-11-3	ND	330
2,4-Dinitrotoluene	121-14-2	ND	330
2,6-Dinitrotoluene	606-20-2	ND	330
Di-n-octylphthalate	117-84-0	ND	330
1,2-Diphenylhydrazine	122-66-7	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Hexachlorobenzene	118-74-1	ND	330
Hexachlorobutadiene	87-68-3	ND	330
Hexachlorocyclopentadiene	77-47-4	ND	330
Hexachloroethane	67-72-1	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Isophorone	78-59-1	ND	330
2-Methylnaphthalene	91-57-6	ND	330
Naphthalene	91-20-3	ND	330
2-Nitroaniline	88-74-4	ND	1600
3-Nitroaniline	99-09-2	ND	1600
4-Nitroaniline	100-01-6	ND	1600
Nitrobenzene	98-95-3	ND	330
N-nitrosodimethylamine	62-75-9	ND	330
N-nitrosodiphenylamine	86-30-6	ND	330
N-nitroso-di-n-propylamine	621-64-7	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330
1,2,4-Trichlorobenzene	120-82-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: LF11(1.5)A
CLIENT JOB NO: 1649
DATE SAMPLED: 02/01/90
DATE RECEIVED: 02/02/90
REPORT DATE: 02/26/90

MED-TOX LAB NO: 9002020-07A
MED-TOX JOB NO: 9002020
DATE EXTRACTED: 02/12/90
DATE ANALYZED: 02/15/90
INSTRUMENT: 11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	330
2-Chlorophenol	95-57-8	ND	330
2,4-Dichlorophenol	120-83-2	ND	330
2,4-Dimethylphenol	105-67-9	ND	330
4,6-Dinitro-2-methylphenol	534-52-1	ND	1600
2,4-Dinitrophenol	51-28-5	ND	1600
2-Methylphenol	95-48-7	ND	330
4-Methylphenol	106-44-5	ND	330
2-Nitrophenol	88-75-5	ND	330
4-Nitrophenol	100-02-7	ND	1600
Pentachlorophenol	87-86-5	ND	1600
Phenol	108-95-2	ND	330
2,4,5-Trichlorophenol	95-95-4	ND	330
2,4,6-Trichlorophenol	88-06-2	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: LF11(4)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/01/90
DATE RECEIVED: 02/02/90
REPORT DATE: 02/26/90

MED-TOX LAB NO: 9002020-08A
MED-TOX JOB NO: 9002020
DATE EXTRACTED: 02/10/90
DATE ANALYZED: 02/11/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzidine	92-87-5	ND	1600
Benzoic Acid	65-85-0	ND	1600
Benzo(a)anthracene	56-55-3	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(g,h,i)perylene	191-24-2	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzyl Alcohol	100-51-6	ND	660
Bis(2-chloroethoxy) methane	111-91-1	ND	330
Bis(2-chloroethyl)ether	111-44-4	ND	330
Bis(2-chloroisopropyl) ether	39638-32-9	ND	330
Bis(2-ethylhexyl) phthalate	117-81-7	ND	330
4-Bromophenyl phenyl ether	101-55-3	ND	330
Butylbenzyl phthalate	85-68-7	ND	330
4-Chloroaniline	106-47-8	ND	660
2-Chloronaphthalene	91-58-7	ND	330
4-Chlorophenyl phenyl ether	7005-72-3	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Dibenzofuran	132-64-9	ND	330
Di-n-butylphthalate	84-74-2	ND	330
1,2-Dichlorobenzene	95-50-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: LF11(4)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/01/90
DATE RECEIVED: 02/02/90
REPORT DATE: 02/26/90

MED-TOX LAB NO: 9002020-08A
MED-TOX JOB NO: 9002020
DATE EXTRACTED: 02/10/90
DATE ANALYZED: 02/11/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	330
1,4-Dichlorobenzene	106-46-7	ND	330
3,3'-Dichlorobenzidine	91-94-1	ND	660
Diethylphthalate	84-66-2	ND	330
Dimethylphthalate	131-11-3	ND	330
2,4-Dinitrotoluene	121-14-2	ND	330
2,6-Dinitrotoluene	606-20-2	ND	330
Di-n-octylphthalate	117-84-0	ND	330
1,2-Diphenylhydrazine	122-66-7	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Hexachlorobenzene	118-74-1	ND	330
Hexachlorobutadiene	87-68-3	ND	330
Hexachlorocyclopentadiene	77-47-4	ND	330
Hexachloroethane	67-72-1	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Isophorone	78-59-1	ND	330
2-Methylnaphthalene	91-57-6	ND	330
Naphthalene	91-20-3	ND	330
2-Nitroaniline	88-74-4	ND	1600
3-Nitroaniline	99-09-2	ND	1600
4-Nitroaniline	100-01-6	ND	1600
Nitrobenzene	98-95-3	ND	330
N-nitrosodimethylamine	62-75-9	ND	330
N-nitrosodiphenylamine	86-30-6	ND	330
N-nitroso-di-n-propylamine	621-64-7	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330
1,2,4-Trichlorobenzene	120-82-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: LF11(4)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/01/90
DATE RECEIVED: 02/02/90
REPORT DATE: 02/26/90

MED-TOX LAB NO: 9002020-08A
MED-TOX JOB NO: 9002020
DATE EXTRACTED: 02/10/90
DATE ANALYZED: 02/11/90
INSTRUMENT: 11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	330
2-Chlorophenol	95-57-8	ND	330
2,4-Dichlorophenol	120-83-2	ND	330
2,4-Dimethylphenol	105-67-9	ND	330
4,6-Dinitro-2-methylphenol	534-52-1	ND	1600
2,4-Dinitrophenol	51-28-5	ND	1600
2-Methylphenol	95-48-7	ND	330
4-Methylphenol	106-44-5	ND	330
2-Nitrophenol	88-75-5	ND	330
4-Nitrophenol	100-02-7	ND	1600
Pentachlorophenol	87-86-5	ND	1600
Phenol	108-95-2	ND	330
2,4,5-Trichlorophenol	95-95-4	ND	330
2,4,6-Trichlorophenol	88-06-2	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: LF13(1)G
CLIENT JOB NO: 1649
DATE SAMPLED: 02/01/90
DATE RECEIVED: 02/02/90
REPORT DATE: 02/26/90

MED-TOX LAB NO: 9002020-12A
MED-TOX JOB NO: 9002020
DATE EXTRACTED: 02/12/90
DATE ANALYZED: 02/15/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzidine	92-87-5	ND	1600
Benzoic Acid	65-85-0	ND	1600
Benzo(a)anthracene	56-55-3	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(g,h,i)perylene	191-24-2	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzyl Alcohol	100-51-6	ND	660
Bis(2-chloroethoxy) methane	111-91-1	ND	330
Bis(2-chloroethyl)ether	111-44-4	ND	330
Bis(2-chloroisopropyl) ether	39638-32-9	ND	330
Bis(2-ethylhexyl) phthalate	117-81-7	ND	330
4-Bromophenyl phenyl ether	101-55-3	ND	330
Butylbenzyl phthalate	85-68-7	ND	330
4-Chloroaniline	106-47-8	ND	660
2-Chloronaphthalene	91-58-7	ND	330
4-Chlorophenyl phenyl ether	7005-72-3	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Dibenzofuran	132-64-9	ND	330
Di-n-butylphthalate	84-74-2	ND	330
1,2-Dichlorobenzene	95-50-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: LF13(1)G
CLIENT JOB NO: 1649
DATE SAMPLED: 02/01/90
DATE RECEIVED: 02/02/90
REPORT DATE: 02/26/90

MED-TOX LAB NO: 9002020-12A
MED-TOX JOB NO: 9002020
DATE EXTRACTED: 02/12/90
DATE ANALYZED: 02/15/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	330
1,4-Dichlorobenzene	106-46-7	ND	330
3,3'-Dichlorobenzidine	91-94-1	ND	660
Diethylphthalate	84-66-2	ND	330
Dimethylphthalate	131-11-3	ND	330
2,4-Dinitrotoluene	121-14-2	ND	330
2,6-Dinitrotoluene	606-20-2	ND	330
Di-n-octylphthalate	117-84-0	ND	330
1,2-Diphenylhydrazine	122-66-7	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Hexachlorobenzene	118-74-1	ND	330
Hexachlorobutadiene	87-68-3	ND	330
Hexachlorocyclopentadiene	77-47-4	ND	330
Hexachloroethane	67-72-1	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Isophorone	78-59-1	ND	330
2-Methylnaphthalene	91-57-6	ND	330
Naphthalene	91-20-3	ND	330
2-Nitroaniline	88-74-4	ND	1600
3-Nitroaniline	99-09-2	ND	1600
4-Nitroaniline	100-01-6	ND	1600
Nitrobenzene	98-95-3	ND	330
N-nitrosodimethylamine	62-75-9	ND	330
N-nitrosodiphenylamine	86-30-6	ND	330
N-nitroso-di-n-propylamine	621-64-7	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330
1,2,4-Trichlorobenzene	120-82-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: LF13(1)G
CLIENT JOB NO: 1649
DATE SAMPLED: 02/01/90
DATE RECEIVED: 02/02/90
REPORT DATE: 02/26/90

MED-TOX LAB NO: 9002020-12A
MED-TOX JOB NO: 9002020
DATE EXTRACTED: 02/12/90
DATE ANALYZED: 02/15/90
INSTRUMENT: 11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	330
2-Chlorophenol	95-57-8	ND	330
2,4-Dichlorophenol	120-83-2	ND	330
2,4-Dimethylphenol	105-67-9	ND	330
4,6-Dinitro-2-methylphenol	534-52-1	ND	1600
2,4-Dinitrophenol	51-28-5	ND	1600
2-Methylphenol	95-48-7	ND	330
4-Methylphenol	106-44-5	ND	330
2-Nitrophenol	88-75-5	ND	330
4-Nitrophenol	100-02-7	ND	1600
Pentachlorophenol	87-86-5	ND	1600
Phenol	108-95-2	ND	330
2,4,5-Trichlorophenol	95-95-4	ND	330
2,4,6-Trichlorophenol	88-06-2	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: LF13(5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/01/90
DATE RECEIVED: 02/02/90
REPORT DATE: 02/26/90

MED-TOX LAB NO: 9002020-14A
MED-TOX JOB NO: 9002020
DATE EXTRACTED: 02/10/90
DATE ANALYZED: 02/11/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzidine	92-87-5	ND	1600
Benzoic Acid	65-85-0	ND	1600
Benzo(a)anthracene	56-55-3	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(g,h,i)perylene	191-24-2	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzyl Alcohol	100-51-6	ND	660
Bis(2-chloroethoxy) methane	111-91-1	ND	330
Bis(2-chloroethyl)ether	111-44-4	ND	330
Bis(2-chloroisopropyl) ether	39638-32-9	ND	330
Bis(2-ethylhexyl) phthalate	117-81-7	ND	330
4-Bromophenyl phenyl ether	101-55-3	ND	330
Butylbenzyl phthalate	85-68-7	ND	330
4-Chloroaniline	106-47-8	ND	660
2-Chloronaphthalene	91-58-7	ND	330
4-Chlorophenyl phenyl ether	7005-72-3	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Dibenzofuran	132-64-9	ND	330
Di-n-butylphthalate	84-74-2	ND	330
1,2-Dichlorobenzene	95-50-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: LF13(5)B
CLIENT JOB NO: I649
DATE SAMPLED: 02/01/90
DATE RECEIVED: 02/02/90
REPORT DATE: 02/26/90

MED-TOX LAB NO: 9002020-14A
MED-TOX JOB NO: 9002020
DATE EXTRACTED: 02/10/90
DATE ANALYZED: 02/11/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	330
1,4-Dichlorobenzene	106-46-7	ND	330
3,3'-Dichlorobenzidine	91-94-1	ND	660
Diethylphthalate	84-66-2	ND	330
Dimethylphthalate	131-11-3	ND	330
2,4-Dinitrotoluene	121-14-2	ND	330
2,6-Dinitrotoluene	606-20-2	ND	330
Di-n-octylphthalate	117-84-0	ND	330
1,2-Diphenylhydrazine	122-66-7	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Hexachlorobenzene	118-74-1	ND	330
Hexachlorobutadiene	87-68-3	ND	330
Hexachlorocyclopentadiene	77-47-4	ND	330
Hexachloroethane	67-72-1	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Isophorone	78-59-1	ND	330
2-Methylnaphthalene	91-57-6	ND	330
Naphthalene	91-20-3	ND	330
2-Nitroaniline	88-74-4	ND	1600
3-Nitroaniline	99-09-2	ND	1600
4-Nitroaniline	100-01-6	ND	1600
Nitrobenzene	98-95-3	ND	330
N-nitrosodimethylamine	62-75-9	ND	330
N-nitrosodiphenylamine	86-30-6	ND	330
N-nitroso-di-n-propylamine	621-64-7	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330
1,2,4-Trichlorobenzene	120-82-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: LF13(5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/01/90
DATE RECEIVED: 02/02/90
REPORT DATE: 02/26/90

MED-TOX LAB NO: 9002020-14A
MED-TOX JOB NO: 9002020
DATE EXTRACTED: 02/10/90
DATE ANALYZED: 02/11/90
INSTRUMENT: 11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	330
2-Chlorophenol	95-57-8	ND	330
2,4-Dichlorophenol	120-83-2	ND	330
2,4-Dimethylphenol	105-67-9	ND	330
4,6-Dinitro-2-methylphenol	534-52-1	ND	1600
2,4-Dinitrophenol	51-28-5	ND	1600
2-Methylphenol	95-48-7	ND	330
4-Methylphenol	106-44-5	ND	330
2-Nitrophenol	88-75-5	ND	330
4-Nitrophenol	100-02-7	ND	1600
Pentachlorophenol	87-86-5	ND	1600
Phenol	108-95-2	ND	330
2,4,5-Trichlorophenol	95-95-4	ND	330
2,4,6-Trichlorophenol	88-06-2	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: LF14(4.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/02/90
DATE RECEIVED: 02/02/90
REPORT DATE: 02/26/90

MED-TOX LAB NO: 9002020-19A
MED-TOX JOB NO: 9002020
DATE EXTRACTED: 02/10/90
DATE ANALYZED: 02/11/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	1,700
Acenaphthylene	208-96-8	ND	1,700
Anthracene	120-12-7	ND	1,700
Benzidine	92-87-5	ND	8,000
Benzoic Acid	65-85-0	ND	8,000
Benzo(a)anthracene	56-55-3	ND	1,700
Benzo(b)fluoranthene	205-99-2	ND	1,700
Benzo(k)fluoranthene	207-08-9	ND	1,700
Benzo(g,h,i)perylene	191-24-2	ND	1,700
Benzo(a)pyrene	50-32-8	ND	1,700
Benzyl Alcohol	100-51-6	ND	3,300
Bis(2-chloroethoxy) methane	111-91-1	ND	1,700
Bis(2-chloroethyl)ether	111-44-4	ND	1,700
Bis(2-chloroisopropyl) ether	39638-32-9	ND	1,700
Bis(2-ethylhexyl) phthalate	117-81-7	ND	1,700
4-Bromophenyl phenyl ether	101-55-3	ND	1,700
Butylbenzyl phthalate	85-68-7	ND	1,700
4-Chloroaniline	106-47-8	ND	3,300
2-Chloronaphthalene	91-58-7	ND	1,700
4-Chlorophenyl phenyl ether	7005-72-3	ND	1,700
Chrysene	218-01-9	ND	1,700
Dibenzo(a,h)anthracene	53-70-3	ND	1,700
Dibenzofuran	132-64-9	ND	1,700
Di-n-butylphthalate	84-74-2	ND	1,700
1,2-Dichlorobenzene	95-50-1	ND	1,700

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: LF14(4.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/02/90
DATE RECEIVED: 02/02/90
REPORT DATE: 02/26/90

MED-TOX LAB NO: 9002020-19A
MED-TOX JOB NO: 9002020
DATE EXTRACTED: 02/10/90
DATE ANALYZED: 02/11/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	1,700
1,4-Dichlorobenzene	106-46-7	ND	1,700
3,3'-Dichlorobenzidine	91-94-1	ND	3,300
Diethylphthalate	84-66-2	ND	1,700
Dimethylphthalate	131-11-3	ND	1,700
2,4-Dinitrotoluene	121-14-2	ND	1,700
2,6-Dinitrotoluene	606-20-2	ND	1,700
Di-n-octylphthalate	117-84-0	ND	1,700
1,2-Diphenylhydrazine	122-66-7	ND	1,700
Fluoranthene	206-44-0	ND	1,700
Fluorene	86-73-7	ND	1,700
Hexachlorobenzene	118-74-1	ND	1,700
Hexachlorobutadiene	87-68-3	ND	1,700
Hexachlorocyclopentadiene	77-47-4	ND	1,700
Hexachloroethane	67-72-1	ND	1,700
Indeno(1,2,3-cd)pyrene	193-39-5	ND	1,700
Isophorone	78-59-1	ND	1,700
2-Methylnaphthalene	91-57-6	ND	1,700
Naphthalene	91-20-3	ND	1,700
2-Nitroaniline	88-74-4	ND	8,000
3-Nitroaniline	99-09-2	ND	8,000
4-Nitroaniline	100-01-6	ND	8,000
Nitrobenzene	98-95-3	ND	1,700
N-nitrosodimethylamine	62-75-9	ND	1,700
N-nitrosodiphenylamine	86-30-6	ND	1,700
N-nitroso-di-n-propylamine	621-64-7	ND	1,700
Phenanthrene	85-01-8	ND	1,700
Pyrene	129-00-0	ND	1,700
1,2,4-Trichlorobenzene	120-82-1	ND	1,700

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: LF14(4.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/02/90
DATE RECEIVED: 02/02/90
REPORT DATE: 02/26/90

MED-TOX LAB NO: 9002020-19A
MED-TOX JOB NO: 9002020
DATE EXTRACTED: 02/10/90
DATE ANALYZED: 02/11/90
INSTRUMENT: 11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	1,700
2-Chlorophenol	95-57-8	ND	1,700
2,4-Dichlorophenol	120-83-2	ND	1,700
2,4-Dimethylphenol	105-67-9	ND	1,700
4,6-Dinitro-2-methylphenol	534-52-1	ND	8,000
2,4-Dinitrophenol	51-28-5	ND	8,000
2-Methylphenol	95-48-7	ND	1,700
4-Methylphenol	106-44-5	ND	1,700
2-Nitrophenol	88-75-5	ND	1,700
4-Nitrophenol	100-02-7	ND	8,000
Pentachlorophenol	87-86-5	ND	8,000
Phenol	108-95-2	ND	1,700
2,4,5-Trichlorophenol	95-95-4	ND	1,700
2,4,6-Trichlorophenol	88-06-2	ND	1,700

ND = Not Detected

Sample was diluted 5x due to significant oil content. Detection limits have been adjusted accordingly.

LEVINE-FRICKE

CLIENT ID: LF10(4.5)B
CLIENT JOB NO: 1649
DATE RECEIVED: 02/02/90

MED-TOX LAB NO: 9002020-04A
MED-TOX JOB NO: 9002020
REPORT DATE: 02/26/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	3.8	0.5	7060	V12
Be	Beryllium	0.5	0.2	7090	V22
Cd	Cadmium	ND	0.2	7130	V22
Cr	Chromium	31	1	7190	V22
Cu	Copper	17	1	7210	V22
Pb	Lead	6	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	37	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	38	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: LF11(4)B
CLIENT JOB NO: 1649
DATE RECEIVED: 02/02/90

MED-TOX LAB NO: 9002020-08A
MED-TOX JOB NO: 9002020
REPORT DATE: 02/26/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	2.3	0.5	7060	V12
Be	Beryllium	0.2	0.2	7090	V22
Cd	Cadmium	ND	0.2	7130	V22
Cr	Chromium	36	1	7190	V22
Cu	Copper	8	1	7210	V22
Pb	Lead	4	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	16	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	20	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: LF11(1.5)A
CLIENT JOB NO: 1649
DATE RECEIVED: 02/02/90

MED-TOX LAB NO: 9002020-07A
MED-TOX JOB NO: 9002020
REPORT DATE: 02/26/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	2.2	0.5	7060	V12
Be	Beryllium	0.6	0.2	7090	V22
Cd	Cadmium	0.2	0.2	7130	V22
Cr	Chromium	35	1	7190	V22
Cu	Copper	30	1	7210	V22
Pb	Lead	6	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	32	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	50	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: LF13(1)G
CLIENT JOB NO: 1649
DATE RECEIVED: 02/02/90

MED-TOX LAB NO: 9002020-12A
MED-TOX JOB NO: 9002020
REPORT DATE: 02/26/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	4.4	0.5	7060	V12
Be	Beryllium	0.2	0.2	7090	V22
Cd	Cadmium	1.6	0.2	7130	V22
Cr	Chromium	25	1	7190	V22
Cu	Copper	83	1	7210	V22
Pb	Lead	190	1	7420	V22
Hg	Mercury	0.4	0.2	7471	Hg
Ni	Nickel	35	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	170	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: LF13(5)B
CLIENT JOB NO: 1649
DATE RECEIVED: 02/02/90

MED-TOX LAB NO: 9002020-14A
MED-TOX JOB NO: 9002020
REPORT DATE: 02/26/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	4.1	0.5	7060	V12
Be	Beryllium	0.6	0.2	7090	V22
Cd	Cadmium	0.5	0.2	7130	V22
Cr	Chromium	35	1	7190	V22
Cu	Copper	43	1	7210	V22
Pb	Lead	43	1	7420	V22
Hg	Mercury	0.2	0.2	7471	Hg
Ni	Nickel	37	1	7520	V22
Se	Selenium	2	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	81	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: LF14(1.5)A
CLIENT JOB NO: 1649
DATE RECEIVED: 02/02/90

MED-TOX LAB NO: 9002020-17A
MED-TOX JOB NO: 9002020
REPORT DATE: 02/26/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	1.0	0.5	7060	V12
Be	Beryllium	0.5	0.2	7090	V22
Cd	Cadmium	0.3	0.2	7130	V22
Cr	Chromium	23	1	7190	V22
Cu	Copper	41	1	7210	V22
Pb	Lead	55	1	7420	V22
Hg	Mercury	0.3	0.2	7471	Hg
Ni	Nickel	26	1	7520	V22
Se	Selenium	2	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	120	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: LF14(4.5)B
CLIENT JOB NO: 1649
DATE RECEIVED: 02/02/90

MED-TOX LAB NO: 9002020-19A
MED-TOX JOB NO: 9002020
REPORT DATE: 02/26/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	3.2	0.5	7060	V12
Be	Beryllium	0.6	0.2	7090	V22
Cd	Cadmium	ND	0.2	7130	V22
Cr	Chromium	33	1	7190	V22
Cu	Copper	16	1	7210	V22
Pb	Lead	12	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	24	1	7520	V22
Se	Selenium	2	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	31	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

7002020

R-4, S-D

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

Project No.: 1649	Field Logbook No.:	Date: 2-2-89	Serial No.: No 6033
Project Name: YERBA BUENA	Project Location: Emeryville / OAKLAND		
Sampler (Signature): Larry Laguyade			Samplers: LPL

SAMPLES — ANALYSES

SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CONTAINERS	SAMPLE TYPE	CAM-17 Metals	EPA 8240	EPA 8015 TPH Diesel/Waste Oil	EPA 8270			HOLD	RUSH	REMARKS
A14(6) B	1-25		01A	1	Soil	X		X				X		NORMAL TURNAROUND
LF-9(9.5)C	1-30		02A	1								X		
LF-10(2) A	1-31		03A	1								X		SEND RESULTS TO
LF-10(4.5)B			04A	1		X	X		X					① AMANDA SPENSER
LF-10(7) C			05A	1								X		② BETH GURNEY
LF-10(9.5)C	↓		06A	1								X		③ LARRY LAPUYADE
LF-11(1.5) A	2-1		07A	1		X			X			X		off-hold 2/12
LF-11(4) B			08A	1		X	X		X					
LF-11(4.5)B			09A	1								X		
LF-11(7.5) C			10A	1								X		
LF-11(10) C			11A	1								X		
LF-13(1) G			12A	1		X			X			X		Bogue off hold 2/12
LF-13(3) A			13A	1								X		
LF-13(5) B			14A	1		X	X	X	X					
LF-13(7.5)C			15A	1								X		
LF-13(10)C			16A	1								X		

RELINQUISHED BY: (Signature) Larry Laguyade	DATE 2-2-90	TIME 2:09	RECEIVED BY: (Signature) L. St John	DATE 2/2/90	TIME 2:20
RELINQUISHED BY: (Signature) Gilbert St John	DATE 2-2-90	TIME 4:35	RECEIVED BY: (Signature)	DATE	TIME
RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature) Denise Harrington	DATE 2/2/90	TIME 1645
METHOD OF SHIPMENT: PU	DATE	TIME	LAB COMMENTS:		

Sample Collector:
LEVINE-FRICKE
1900 Powell Street, 12th Floor
Emeryville, Ca 94608
(415) 652-4500

Analytical Laboratory:
MED TOX

Shipping Copy (White) Lab Copy (Green) File Copy (Yellow) Field Copy (Pink)

FORM NO. 86/COC/ARF

CHAIN OF CUSTODY / ANALYSES REQUEST FORM 9002020

Project No.: 1649	Field Logbook No.:	Date: 2-2-90	Serial No.: № 6085
Project Name: YERBA BUENA	Project Location: EMERYVILLE / OAKLAND		
Sampler (Signature): [signature]			Samplers: LPL

SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CON-TAINERS	SAMPLE TYPE	CAM 17 METALS	~~[crossed out]~~ EPA 8270	EPA 8015 DIESEL/WASTE OIL	EPA 8240			HOLD	RUSH	REMARKS
LF-14(15)A	2-2		17A	1	SOIL	X						~~X~~		NORMAL TURNAROUND
LF-14(20)A	|		18A	1	|							X		SEND RESULTS
LF-14(45)B	|		19A	1	|	X	X	X	X					① AMANDA SPENSER
~~LF~~	|			1	|									② BETH GURNEY
LF-14(7)C	|		20A	1	|							X		③ LARRY LAPUYADE
LF-14(9.5)C	|		21A	1	|							X		
LF-14(11.5)C	|		22A	1	|							X		

"[illegible] 2/12" (handwritten beside HOLD)

RELINQUISHED BY: (Signature) [signature]	DATE 2-2-90	TIME 2:15	RECEIVED BY: (Signature) [signature]	DATE 2/2/90	TIME 2:20
RELINQUISHED BY: (Signature) [signature]	DATE 2/2/90	TIME 3:35	RECEIVED BY: (Signature)	DATE	TIME
RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature) Denise Harrington	DATE 2/2/90	TIME 1645
METHOD OF SHIPMENT: P.U.	DATE	TIME	LAB COMMENTS:		

Sample Collector:
LEVINE-FRICKE
1900 Powell Street, 12th Floor
Emeryville, Ca 94608
(415) 652-4500

Analytical Laboratory: MED TOX

Shipping Copy (White) Lab Copy (Green) File Copy (Yellow) Field Copy (Pink) FORM NO. 86/COC/ARF

LEVINE-FRICKE

CLIENT PROJECT NO: 1649
DATE SAMPLED: 01/26-30/90
DATE RECEIVED: 01/30/90

MED-TOX LAB NO: 9001162
DATE EXTRACTED: 02/06/90
DATE ANALYZED: 01/31-02/15/90
REPORT DATE: 02/22/90

Sample Identification Client Id.	Lab No.	Extractable Hydrocarbons as Diesel (mg/kg)	Extractable Hydrocarbons as Waste Oil (mg/kg)	Extractable Hydrocarbons as Stoddard Solvent (mg/kg)	Purgeable Hydrocarbons as Gasoline (mg/kg)
B6(4)B	02A	ND	410	---	---
B7(1.5)A	03A	ND(20)	1,200(40)	50	---
B9(1.5)A	05A	ND	ND	---	---
B11(1.5)A	07A	ND(20)	490(40)	---	---
B2(4)B	09A	ND	180	---	---
B1(4)B	10A	ND	ND	---	---
B35(4)B	12A	ND	ND	---	---
LF-6(4.5)B	14A	ND	ND	---	ND
LF-9(10)C	22A	ND	ND	---	ND
Detection Limit		10	20	20	0.2

(Unless otherwise indicated in parentheses)

Method: EPA 8015

Instrument: 9, 1

ND = Not Detected

CLIENT PROJECT NO: 1649
CLIENT SAMPLE ID: B9(1.5)A
DATE SAMPLED: 01/26/90
DATE RECEIVED: 01/30/90

REPORT DATE: 02/22/90
MED-TOX LAB NO: 9001162-05A
MED-TOX JOB NO: 9001162
DATE ANALYZED: 02/12-14/90

EPA METHOD 8150*
HERBICIDES

Herbicide	Conc. (ug/kg)	Method Detection Limit (ug/kg)
MCPP	ND	5
MCPA	ND	5
Dalapon	ND	5
Dicamba	ND	5
Dichlorprop	ND	5
2,4-D	ND	5
2,4,5-TP (Silvex)	ND	5
2,4,5-T	240	5
2,4-DB	ND	5
Dinoseb	ND	5

ND = Not Detected

* Subcontracted to a DOHS certified laboratory

CLIENT PROJECT NO: 1649
CLIENT SAMPLE ID: B9(4.5)B
DATE SAMPLED: 01/26/90
DATE RECEIVED: 01/30/90

REPORT DATE: 02/22/90
MED-TOX LAB NO: 9001162-06A
MED-TOX JOB NO: 9001162
DATE ANALYZED: 02/03-09/90

EPA METHOD 8150*
HERBICIDES

Herbicide	Conc. (ug/kg)	Method Detection Limit (ug/kg)
MCPP	ND	5
MCPA	ND	5
Dalapon	ND	5
Dicamba	ND	5
Dichlorprop	ND	5
2,4-D	ND	5
2,4,5-TP (Silvex)	ND	5
2,4,5-T	ND	5
2,4-DB	ND	5
Dinoseb	ND	5

ND = Not Detected

* Subcontracted to a DOHS certified laboratory

CLIENT PROJECT NO: 1649
CLIENT SAMPLE ID: B11(1.5)A
DATE SAMPLED: 01/29/90
DATE RECEIVED: 01/30/90

REPORT DATE: 02/22/90
MED-TOX LAB NO: 9001162-07A
MED-TOX JOB NO: 9001162
DATE ANALYZED: 02/12-14/90

EPA METHOD 8150*
HERBICIDES

Herbicide	Conc. (ug/kg)	Method Detection Limit (ug/kg)
MCPP	ND	5
MCPA	ND	5
Dalapon	ND	5
Dicamba	ND	5
Dichlorprop	ND	5
2,4-D	ND	5
2,4,5-TP (Silvex)	ND	5
2,4,5-T	510	5
2,4-DB	ND	5
Dinoseb	ND	5

ND = Not Detected

* Subcontracted to a DOHS certified laboratory

CLIENT PROJECT NO: 1649
CLIENT SAMPLE ID: B11(4.5)B
DATE SAMPLED: 01/29/90
DATE RECEIVED: 01/30/90

REPORT DATE: 02/22/90
MED-TOX LAB NO: 9001162-08A
MED-TOX JOB NO: 9001162
DATE ANALYZED: 02/03-09/90

EPA METHOD 8150*
HERBICIDES

Herbicide	Conc. (ug/kg)	Method Detection Limit (ug/kg)
MCPP	ND	5
MCPA	ND	5
Dalapon	ND	5
Dicamba	ND	5
Dichlorprop	ND	5
2,4-D	ND	5
2,4,5-TP (Silvex)	ND	5
2,4,5-T	ND	5
2,4-DB	ND	5
Dinoseb	ND	5

ND = Not Detected

* Subcontracted to a DOHS certified laboratory

LEVINE-FRICKE

CLIENT ID: B2(4)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/29/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/22/90

MED-TOX LAB NO: 9001162-09A
MED-TOX JOB NO: 9001162
DATE ANALYZED: 02/02/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	**75-34-3**	**6**	**5**
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	**75-35-4**	**9**	**5**
1,2-Dichloroethene, total	540-59-0	ND	5
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	**108-88-3**	**10**	**5**
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B35(4)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/29/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/22/90

MED-TOX LAB NO: 9001162-12A
MED-TOX JOB NO: 9001162
DATE ANALYZED: 02/02/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	540-59-0	ND	5
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	**108-88-3**	**18**	**5**
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: LF-6(4.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/29/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/22/90

MED-TOX LAB NO: 9001162-14A
MED-TOX JOB NO: 9001162
DATE ANALYZED: 02/02/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	540-59-0	ND	5
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	108-88-3	ND	5
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: LF-9(10)C
CLIENT JOB NO: 1649
DATE SAMPLED: 01/30/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/22/90

MED-TOX LAB NO: 9001162-22A
MED-TOX JOB NO: 9001162
DATE ANALYZED: 02/02/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	540-59-0	ND	5
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	108-88-3	ND	5
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	**79-01-6**	**7**	**5**
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B6(4)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/26/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/22/90

MED-TOX LAB NO: 9001162-02A
MED-TOX JOB NO: 9001162
DATE EXTRACTED: 02/07/90
DATE ANALYZED: 02/09/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzidine	92-87-5	ND	1600
Benzoic Acid	65-85-0	ND	1600
Benzo(a)anthracene	56-55-3	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(g,h,i)perylene	191-24-2	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzyl Alcohol	100-51-6	ND	660
Bis(2-chloroethoxy) methane	111-91-1	ND	330
Bis(2-chloroethyl)ether	111-44-4	ND	330
Bis(2-chloroisopropyl) ether	39638-32-9	ND	330
Bis(2-ethylhexyl) phthalate	117-81-7	ND	330
4-Bromophenyl phenyl ether	101-55-3	ND	330
Butylbenzyl phthalate	85-68-7	ND	330
4-Chloroaniline	106-47-8	ND	660
2-Chloronaphthalene	91-58-7	ND	330
4-Chlorophenyl phenyl ether	7005-72-3	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Dibenzofuran	132-64-9	ND	330
Di-n-butylphthalate	84-74-2	ND	330
1,2-Dichlorobenzene	95-50-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B6(4)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/26/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/22/90

MED-TOX LAB NO: 9001162-02A
MED-TOX JOB NO: 9001162
DATE EXTRACTED: 02/07/90
DATE ANALYZED: 02/09/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	330
1,4-Dichlorobenzene	106-46-7	ND	330
3,3'-Dichlorobenzidine	91-94-1	ND	660
Diethylphthalate	84-66-2	ND	330
Dimethylphthalate	131-11-3	ND	330
2,4-Dinitrotoluene	121-14-2	ND	330
2,6-Dinitrotoluene	606-20-2	ND	330
Di-n-octylphthalate	117-84-0	ND	330
1,2-Diphenylhydrazine	122-66-7	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Hexachlorobenzene	118-74-1	ND	330
Hexachlorobutadiene	87-68-3	ND	330
Hexachlorocyclopentadiene	77-47-4	ND	330
Hexachloroethane	67-72-1	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Isophorone	78-59-1	ND	330
2-Methylnaphthalene	91-57-6	ND	330
Naphthalene	91-20-3	ND	330
2-Nitroaniline	88-74-4	ND	1600
3-Nitroaniline	99-09-2	ND	1600
4-Nitroaniline	100-01-6	ND	1600
Nitrobenzene	98-95-3	ND	330
N-nitrosodimethylamine	62-75-9	ND	330
N-nitrosodiphenylamine	86-30-6	ND	330
N-nitroso-di-n-propylamine	621-64-7	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330
1,2,4-Trichlorobenzene	120-82-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B6(4)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/26/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/22/90

MED-TOX LAB NO: 9001162-02A
MED-TOX JOB NO: 9001162
DATE EXTRACTED: 02/07/90
DATE ANALYZED: 02/09/90
INSTRUMENT: 11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	330
2-Chlorophenol	95-57-8	ND	330
2,4-Dichlorophenol	120-83-2	ND	330
2,4-Dimethylphenol	105-67-9	ND	330
4,6-Dinitro-2-methylphenol	534-52-1	ND	1600
2,4-Dinitrophenol	51-28-5	ND	1600
2-Methylphenol	95-48-7	ND	330
4-Methylphenol	106-44-5	ND	330
2-Nitrophenol	88-75-5	ND	330
4-Nitrophenol	100-02-7	ND	1600
Pentachlorophenol	87-86-5	ND	1600
Phenol	108-95-2	ND	330
2,4,5-Trichlorophenol	95-95-4	ND	330
2,4,6-Trichlorophenol	88-06-2	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B7(1.5)A
CLIENT JOB NO: 1649
DATE SAMPLED: 01/26/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/22/90

MED-TOX LAB NO: 9001162-03A
MED-TOX JOB NO: 9001162
DATE EXTRACTED: 02/07/90
DATE ANALYZED: 02/09/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzidine	92-87-5	ND	1600
Benzoic Acid	65-85-0	ND	1600
Benzo(a)anthracene	56-55-3	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(g,h,i)perylene	191-24-2	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzyl Alcohol	100-51-6	ND	660
Bis(2-chloroethoxy) methane	111-91-1	ND	330
Bis(2-chloroethyl)ether	111-44-4	ND	330
Bis(2-chloroisopropyl) ether	39638-32-9	ND	330
Bis(2-ethylhexyl) phthalate	117-81-7	ND	330
4-Bromophenyl phenyl ether	101-55-3	ND	330
Butylbenzyl phthalate	85-68-7	ND	330
4-Chloroaniline	106-47-8	ND	660
2-Chloronaphthalene	91-58-7	ND	330
4-Chlorophenyl phenyl ether	7005-72-3	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Dibenzofuran	132-64-9	ND	330
Di-n-butylphthalate	84-74-2	ND	330
1,2-Dichlorobenzene	95-50-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B7(1.5)A
CLIENT JOB NO: 1649
DATE SAMPLED: 01/26/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/22/90

MED-TOX LAB NO: 9001162-03A
MED-TOX JOB NO: 9001162
DATE EXTRACTED: 02/07/90
DATE ANALYZED: 02/09/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	330
1,4-Dichlorobenzene	106-46-7	ND	330
3,3'-Dichlorobenzidine	91-94-1	ND	660
Diethylphthalate	84-66-2	ND	330
Dimethylphthalate	131-11-3	ND	330
2,4-Dinitrotoluene	121-14-2	ND	330
2,6-Dinitrotoluene	606-20-2	ND	330
Di-n-octylphthalate	117-84-0	ND	330
1,2-Diphenylhydrazine	122-66-7	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Hexachlorobenzene	118-74-1	ND	330
Hexachlorobutadiene	87-68-3	ND	330
Hexachlorocyclopentadiene	77-47-4	ND	330
Hexachloroethane	67-72-1	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Isophorone	78-59-1	ND	330
2-Methylnaphthalene	91-57-6	ND	330
Naphthalene	91-20-3	ND	330
2-Nitroaniline	88-74-4	ND	1600
3-Nitroaniline	99-09-2	ND	1600
4-Nitroaniline	100-01-6	ND	1600
Nitrobenzene	98-95-3	ND	330
N-nitrosodimethylamine	62-75-9	ND	330
N-nitrosodiphenylamine	86-30-6	ND	330
N-nitroso-di-n-propylamine	621-64-7	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	390	330
1,2,4-Trichlorobenzene	120-82-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B7(1.5)A
CLIENT JOB NO: 1649
DATE SAMPLED: 01/26/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/22/90

MED-TOX LAB NO: 9001162-03A
MED-TOX JOB NO: 9001162
DATE EXTRACTED: 02/07/90
DATE ANALYZED: 02/09/90
INSTRUMENT: 11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	330
2-Chlorophenol	95-57-8	ND	330
2,4-Dichlorophenol	120-83-2	ND	330
2,4-Dimethylphenol	105-67-9	ND	330
4,6-Dinitro-2-methylphenol	534-52-1	ND	1600
2,4-Dinitrophenol	51-28-5	ND	1600
2-Methylphenol	95-48-7	ND	330
4-Methylphenol	106-44-5	ND	330
2-Nitrophenol	88-75-5	ND	330
4-Nitrophenol	100-02-7	ND	1600
Pentachlorophenol	87-86-5	ND	1600
Phenol	108-95-2	ND	330
2,4,5-Trichlorophenol	95-95-4	ND	330
2,4,6-Trichlorophenol	88-06-2	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B9(1.5)A
CLIENT JOB NO: 1649
DATE SAMPLED: 01/26/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/22/90

MED-TOX LAB NO: 9001162-05A
MED-TOX JOB NO: 9001162
DATE EXTRACTED: 02/07/90
DATE ANALYZED: 02/08/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzidine	92-87-5	ND	1600
Benzoic Acid	65-85-0	ND	1600
Benzo(a)anthracene	56-55-3	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(g,h,i)perylene	191-24-2	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzyl Alcohol	100-51-6	ND	660
Bis(2-chloroethoxy) methane	111-91-1	ND	330
Bis(2-chloroethyl)ether	111-44-4	ND	330
Bis(2-chloroisopropyl) ether	39638-32-9	ND	330
Bis(2-ethylhexyl) phthalate	117-81-7	ND	330
4-Bromophenyl phenyl ether	101-55-3	ND	330
Butylbenzyl phthalate	85-68-7	ND	330
4-Chloroaniline	106-47-8	ND	660
2-Chloronaphthalene	91-58-7	ND	330
4-Chlorophenyl phenyl ether	7005-72-3	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Dibenzofuran	132-64-9	ND	330
Di-n-butylphthalate	84-74-2	ND	330
1,2-Dichlorobenzene	95-50-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B9(1.5)A
CLIENT JOB NO: 1649
DATE SAMPLED: 01/26/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/22/90

MED-TOX LAB NO: 9001162-05A
MED-TOX JOB NO: 9001162
DATE EXTRACTED: 02/07/90
DATE ANALYZED: 02/08/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	330
1,4-Dichlorobenzene	106-46-7	ND	330
3,3'-Dichlorobenzidine	91-94-1	ND	660
Diethylphthalate	84-66-2	ND	330
Dimethylphthalate	131-11-3	ND	330
2,4-Dinitrotoluene	121-14-2	ND	330
2,6-Dinitrotoluene	606-20-2	ND	330
Di-n-octylphthalate	117-84-0	ND	330
1,2-Diphenylhydrazine	122-66-7	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Hexachlorobenzene	118-74-1	ND	330
Hexachlorobutadiene	87-68-3	ND	330
Hexachlorocyclopentadiene	77-47-4	ND	330
Hexachloroethane	67-72-1	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Isophorone	78-59-1	ND	330
2-Methylnaphthalene	91-57-6	ND	330
Naphthalene	91-20-3	ND	330
2-Nitroaniline	88-74-4	ND	1600
3-Nitroaniline	99-09-2	ND	1600
4-Nitroaniline	100-01-6	ND	1600
Nitrobenzene	98-95-3	ND	330
N-nitrosodimethylamine	62-75-9	ND	330
N-nitrosodiphenylamine	86-30-6	ND	330
N-nitroso-di-n-propylamine	621-64-7	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330
1,2,4-Trichlorobenzene	120-82-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B9(1.5)A
CLIENT JOB NO: 1649
DATE SAMPLED: 01/26/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/22/90

MED-TOX LAB NO: 9001162-05A
MED-TOX JOB NO: 9001162
DATE EXTRACTED: 02/07/90
DATE ANALYZED: 02/08/90
INSTRUMENT: 11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	330
2-Chlorophenol	95-57-8	ND	330
2,4-Dichlorophenol	120-83-2	ND	330
2,4-Dimethylphenol	105-67-9	ND	330
4,6-Dinitro-2-methylphenol	534-52-1	ND	1600
2,4-Dinitrophenol	51-28-5	ND	1600
2-Methylphenol	95-48-7	ND	330
4-Methylphenol	106-44-5	ND	330
2-Nitrophenol	88-75-5	ND	330
4-Nitrophenol	100-02-7	ND	1600
Pentachlorophenol	87-86-5	ND	1600
Phenol	108-95-2	ND	330
2,4,5-Trichlorophenol	95-95-4	ND	330
2,4,6-Trichlorophenol	88-06-2	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B2(4)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/29/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/22/90

MED-TOX LAB NO: 9001162-09A
MED-TOX JOB NO: 9001162
DATE EXTRACTED: 02/07/90
DATE ANALYZED: 02/09/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzidine	92-87-5	ND	1600
Benzoic Acid	65-85-0	ND	1600
Benzo(a)anthracene	56-55-3	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(g,h,i)perylene	191-24-2	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzyl Alcohol	100-51-6	ND	660
Bis(2-chloroethoxy) methane	111-91-1	ND	330
Bis(2-chloroethyl)ether	111-44-4	ND	330
Bis(2-chloroisopropyl) ether	39638-32-9	ND	330
Bis(2-ethylhexyl) phthalate	117-81-7	ND	330
4-Bromophenyl phenyl ether	101-55-3	ND	330
Butylbenzyl phthalate	85-68-7	ND	330
4-Chloroaniline	106-47-8	ND	660
2-Chloronaphthalene	91-58-7	ND	330
4-Chlorophenyl phenyl ether	7005-72-3	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Dibenzofuran	132-64-9	ND	330
Di-n-butylphthalate	84-74-2	ND	330
1,2-Dichlorobenzene	95-50-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B2(4)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/29/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/22/90

MED-TOX LAB NO: 9001162-09A
MED-TOX JOB NO: 9001162
DATE EXTRACTED: 02/07/90
DATE ANALYZED: 02/09/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	330
1,4-Dichlorobenzene	106-46-7	ND	330
3,3'-Dichlorobenzidine	91-94-1	ND	660
Diethylphthalate	84-66-2	ND	330
Dimethylphthalate	131-11-3	ND	330
2,4-Dinitrotoluene	121-14-2	ND	330
2,6-Dinitrotoluene	606-20-2	ND	330
Di-n-octylphthalate	117-84-0	ND	330
1,2-Diphenylhydrazine	122-66-7	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Hexachlorobenzene	118-74-1	ND	330
Hexachlorobutadiene	87-68-3	ND	330
Hexachlorocyclopentadiene	77-47-4	ND	330
Hexachloroethane	67-72-1	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Isophorone	78-59-1	ND	330
2-Methylnaphthalene	91-57-6	ND	330
Naphthalene	91-20-3	ND	330
2-Nitroaniline	88-74-4	ND	1600
3-Nitroaniline	99-09-2	ND	1600
4-Nitroaniline	100-01-6	ND	1600
Nitrobenzene	98-95-3	ND	330
N-nitrosodimethylamine	62-75-9	ND	330
N-nitrosodiphenylamine	86-30-6	ND	330
N-nitroso-di-n-propylamine	621-64-7	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330
1,2,4-Trichlorobenzene	120-82-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B2(4)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/29/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/22/90

MED-TOX LAB NO: 9001162-09A
MED-TOX JOB NO: 9001162
DATE EXTRACTED: 02/07/90
DATE ANALYZED: 02/09/90
INSTRUMENT: 11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	330
2-Chlorophenol	95-57-8	ND	330
2,4-Dichlorophenol	120-83-2	ND	330
2,4-Dimethylphenol	105-67-9	ND	330
4,6-Dinitro-2-methylphenol	534-52-1	ND	1600
2,4-Dinitrophenol	51-28-5	ND	1600
2-Methylphenol	95-48-7	ND	330
4-Methylphenol	106-44-5	ND	330
2-Nitrophenol	88-75-5	ND	330
4-Nitrophenol	100-02-7	ND	1600
Pentachlorophenol	87-86-5	ND	1600
Phenol	108-95-2	ND	330
2,4,5-Trichlorophenol	95-95-4	ND	330
2,4,6-Trichlorophenol	88-06-2	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B1(4)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/29/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/22/90

MED-TOX LAB NO: 9001162-10A
MED-TOX JOB NO: 9001162
DATE EXTRACTED: 02/07/90
DATE ANALYZED: 02/09/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzidine	92-87-5	ND	1600
Benzoic Acid	65-85-0	ND	1600
Benzo(a)anthracene	56-55-3	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(g,h,i)perylene	191-24-2	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzyl Alcohol	100-51-6	ND	660
Bis(2-chloroethoxy) methane	111-91-1	ND	330
Bis(2-chloroethyl)ether	111-44-4	ND	330
Bis(2-chloroisopropyl) ether	39638-32-9	ND	330
Bis(2-ethylhexyl) phthalate	117-81-7	ND	330
4-Bromophenyl phenyl ether	101-55-3	ND	330
Butylbenzyl phthalate	85-68-7	ND	330
4-Chloroaniline	106-47-8	ND	660
2-Chloronaphthalene	91-58-7	ND	330
4-Chlorophenyl phenyl ether	7005-72-3	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Dibenzofuran	132-64-9	ND	330
Di-n-butylphthalate	84-74-2	ND	330
1,2-Dichlorobenzene	95-50-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B1(4)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/29/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/22/90

MED-TOX LAB NO: 9001162-10A
MED-TOX JOB NO: 9001162
DATE EXTRACTED: 02/07/90
DATE ANALYZED: 02/09/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	330
1,4-Dichlorobenzene	106-46-7	ND	330
3,3'-Dichlorobenzidine	91-94-1	ND	660
Diethylphthalate	84-66-2	ND	330
Dimethylphthalate	131-11-3	ND	330
2,4-Dinitrotoluene	121-14-2	ND	330
2,6-Dinitrotoluene	606-20-2	ND	330
Di-n-octylphthalate	117-84-0	ND	330
1,2-Diphenylhydrazine	122-66-7	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Hexachlorobenzene	118-74-1	ND	330
Hexachlorobutadiene	87-68-3	ND	330
Hexachlorocyclopentadiene	77-47-4	ND	330
Hexachloroethane	67-72-1	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Isophorone	78-59-1	ND	330
2-Methylnaphthalene	91-57-6	ND	330
Naphthalene	91-20-3	ND	330
2-Nitroaniline	88-74-4	ND	1600
3-Nitroaniline	99-09-2	ND	1600
4-Nitroaniline	100-01-6	ND	1600
Nitrobenzene	98-95-3	ND	330
N-nitrosodimethylamine	62-75-9	ND	330
N-nitrosodiphenylamine	86-30-6	ND	330
N-nitroso-di-n-propylamine	621-64-7	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330
1,2,4-Trichlorobenzene	120-82-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B1(4)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/29/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/22/90

MED-TOX LAB NO: 9001162-10A
MED-TOX JOB NO: 9001162
DATE EXTRACTED: 02/07/90
DATE ANALYZED: 02/09/90
INSTRUMENT: 11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	330
2-Chlorophenol	95-57-8	ND	330
2,4-Dichlorophenol	120-83-2	ND	330
2,4-Dimethylphenol	105-67-9	ND	330
4,6-Dinitro-2-methylphenol	534-52-1	ND	1600
2,4-Dinitrophenol	51-28-5	ND	1600
2-Methylphenol	95-48-7	ND	330
4-Methylphenol	106-44-5	ND	330
2-Nitrophenol	88-75-5	ND	330
4-Nitrophenol	100-02-7	ND	1600
Pentachlorophenol	87-86-5	ND	1600
Phenol	108-95-2	ND	330
2,4,5-Trichlorophenol	95-95-4	ND	330
2,4,6-Trichlorophenol	88-06-2	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B35(4)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/29/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/22/90

MED-TOX LAB NO: 9001162-12A
MED-TOX JOB NO: 9001162
DATE EXTRACTED: 02/07/90
DATE ANALYZED: 02/09/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzidine	92-87-5	ND	1600
Benzoic Acid	65-85-0	ND	1600
Benzo(a)anthracene	56-55-3	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(g,h,i)perylene	191-24-2	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzyl Alcohol	100-51-6	ND	660
Bis(2-chloroethoxy) methane	111-91-1	ND	330
Bis(2-chloroethyl)ether	111-44-4	ND	330
Bis(2-chloroisopropyl) ether	39638-32-9	ND	330
Bis(2-ethylhexyl) phthalate	117-81-7	ND	330
4-Bromophenyl phenyl ether	101-55-3	ND	330
Butylbenzyl phthalate	85-68-7	ND	330
4-Chloroaniline	106-47-8	ND	660
2-Chloronaphthalene	91-58-7	ND	330
4-Chlorophenyl phenyl ether	7005-72-3	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Dibenzofuran	132-64-9	ND	330
Di-n-butylphthalate	84-74-2	ND	330
1,2-Dichlorobenzene	95-50-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B35(4)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/29/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/22/90

MED-TOX LAB NO: 9001162-12A
MED-TOX JOB NO: 9001162
DATE EXTRACTED: 02/07/90
DATE ANALYZED: 02/09/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	330
1,4-Dichlorobenzene	106-46-7	ND	330
3,3'-Dichlorobenzidine	91-94-1	ND	660
Diethylphthalate	84-66-2	ND	330
Dimethylphthalate	131-11-3	ND	330
2,4-Dinitrotoluene	121-14-2	ND	330
2,6-Dinitrotoluene	606-20-2	ND	330
Di-n-octylphthalate	117-84-0	ND	330
1,2-Diphenylhydrazine	122-66-7	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Hexachlorobenzene	118-74-1	ND	330
Hexachlorobutadiene	87-68-3	ND	330
Hexachlorocyclopentadiene	77-47-4	ND	330
Hexachloroethane	67-72-1	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Isophorone	78-59-1	ND	330
2-Methylnaphthalene	91-57-6	ND	330
Naphthalene	91-20-3	ND	330
2-Nitroaniline	88-74-4	ND	1600
3-Nitroaniline	99-09-2	ND	1600
4-Nitroaniline	100-01-6	ND	1600
Nitrobenzene	98-95-3	ND	330
N-nitrosodimethylamine	62-75-9	ND	330
N-nitrosodiphenylamine	86-30-6	ND	330
N-nitroso-di-n-propylamine	621-64-7	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330
1,2,4-Trichlorobenzene	120-82-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B35(4)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/29/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/22/90

MED-TOX LAB NO: 9001162-12A
MED-TOX JOB NO: 9001162
DATE EXTRACTED: 02/07/90
DATE ANALYZED: 02/09/90
INSTRUMENT: 11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	330
2-Chlorophenol	95-57-8	ND	330
2,4-Dichlorophenol	120-83-2	ND	330
2,4-Dimethylphenol	105-67-9	ND	330
4,6-Dinitro-2-methylphenol	534-52-1	ND	1600
2,4-Dinitrophenol	51-28-5	ND	1600
2-Methylphenol	95-48-7	ND	330
4-Methylphenol	106-44-5	ND	330
2-Nitrophenol	88-75-5	ND	330
4-Nitrophenol	100-02-7	ND	1600
Pentachlorophenol	87-86-5	ND	1600
Phenol	108-95-2	ND	330
2,4,5-Trichlorophenol	95-95-4	ND	330
2,4,6-Trichlorophenol	88-06-2	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: LF-6(4.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/29/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/22/90

MED-TOX LAB NO: 9001162-14A
MED-TOX JOB NO: 9001162
DATE EXTRACTED: 02/07/90
DATE ANALYZED: 02/09/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzidine	92-87-5	ND	1600
Benzoic Acid	65-85-0	ND	1600
Benzo(a)anthracene	56-55-3	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(g,h,i)perylene	191-24-2	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzyl Alcohol	100-51-6	ND	660
Bis(2-chloroethoxy) methane	111-91-1	ND	330
Bis(2-chloroethyl)ether	111-44-4	ND	330
Bis(2-chloroisopropyl) ether	39638-32-9	ND	330
Bis(2-ethylhexyl) phthalate	117-81-7	ND	330
4-Bromophenyl phenyl ether	101-55-3	ND	330
Butylbenzyl phthalate	85-68-7	ND	330
4-Chloroaniline	106-47-8	ND	660
2-Chloronaphthalene	91-58-7	ND	330
4-Chlorophenyl phenyl ether	7005-72-3	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Dibenzofuran	132-64-9	ND	330
Di-n-butylphthalate	84-74-2	ND	330
1,2-Dichlorobenzene	95-50-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: LF-6(4.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/29/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/22/90

MED-TOX LAB NO: 9001162-14A
MED-TOX JOB NO: 9001162
DATE EXTRACTED: 02/07/90
DATE ANALYZED: 02/09/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	330
1,4-Dichlorobenzene	106-46-7	ND	330
3,3'-Dichlorobenzidine	91-94-1	ND	660
Diethylphthalate	84-66-2	ND	330
Dimethylphthalate	131-11-3	ND	330
2,4-Dinitrotoluene	121-14-2	ND	330
2,6-Dinitrotoluene	606-20-2	ND	330
Di-n-octylphthalate	117-84-0	ND	330
1,2-Diphenylhydrazine	122-66-7	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Hexachlorobenzene	118-74-1	ND	330
Hexachlorobutadiene	87-68-3	ND	330
Hexachlorocyclopentadiene	77-47-4	ND	330
Hexachloroethane	67-72-1	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Isophorone	78-59-1	ND	330
2-Methylnaphthalene	91-57-6	ND	330
Naphthalene	91-20-3	ND	330
2-Nitroaniline	88-74-4	ND	1600
3-Nitroaniline	99-09-2	ND	1600
4-Nitroaniline	100-01-6	ND	1600
Nitrobenzene	98-95-3	ND	330
N-nitrosodimethylamine	62-75-9	ND	330
N-nitrosodiphenylamine	86-30-6	ND	330
N-nitroso-di-n-propylamine	621-64-7	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330
1,2,4-Trichlorobenzene	120-82-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: LF-6(4.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/29/90
DATE RECEIVED: 01/30/90
REPORT DATE: 02/22/90

MED-TOX LAB NO: 9001162-14A
MED-TOX JOB NO: 9001162
DATE EXTRACTED: 02/07/90
DATE ANALYZED: 02/09/90
INSTRUMENT: 11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	330
2-Chlorophenol	95-57-8	ND	330
2,4-Dichlorophenol	120-83-2	ND	330
2,4-Dimethylphenol	105-67-9	ND	330
4,6-Dinitro-2-methylphenol	534-52-1	ND	1600
2,4-Dinitrophenol	51-28-5	ND	1600
2-Methylphenol	95-48-7	ND	330
4-Methylphenol	106-44-5	ND	330
2-Nitrophenol	88-75-5	ND	330
4-Nitrophenol	100-02-7	ND	1600
Pentachlorophenol	87-86-5	ND	1600
Phenol	108-95-2	ND	330
2,4,5-Trichlorophenol	95-95-4	ND	330
2,4,6-Trichlorophenol	88-06-2	ND	330

ND = Not Detected

CLIENT PROJECT NO: 1649
CLIENT SAMPLE ID: B11(1.5)A
DATE SAMPLED: 01/29/90
DATE RECEIVED: 01/30/90

REPORT DATE: 02/22/90
MED-TOX LAB NO: 9001162-07A
MED-TOX JOB NO: 9001162
DATE EXTRACTED: 02/07/90
DATE ANALYZED: 02/09/90
INSTRUMENT: 11

EPA METHOD 8270
POLYNUCLEAR AROMATIC HYDROCARBONS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzo(a)anthracene	56-55-3	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(ghi)perylene	191-24-2	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Naphthalene	91-20-3	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B6(4)B
CLIENT JOB NO: 1649
DATE RECEIVED: 01/30/90

MED-TOX LAB NO: 9001162-02A
MED-TOX JOB NO: 9001162
REPORT DATE: 02/22/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	26	0.5	7060	V12
Be	Beryllium	0.4	0.2	7090	V22
Cd	Cadmium	0.7	0.2	7130	V22
Cr	Chromium	54	1	7190	V22
Cu	Copper	38	1	7210	V22
Pb	Lead	59	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	68	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	230	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: B7(1.5)A
CLIENT JOB NO: 1649
DATE RECEIVED: 01/30/90

MED-TOX LAB NO: 9001162-03A
MED-TOX JOB NO: 9001162
REPORT DATE: 02/22/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	7.1	0.5	7060	V12
Be	Beryllium	0.2	0.2	7090	V22
Cd	Cadmium	0.2	0.2	7130	V22
Cr	Chromium	34	1	7190	V22
Cu	Copper	24	1	7210	V22
Pb	Lead	19	1	7420	V22
Hg	Mercury	0.3	0.2	7471	Hg
Ni	Nickel	38	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	86	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: B9(1.5)A
CLIENT JOB NO: 1649
DATE RECEIVED: 01/30/90

MED-TOX LAB NO: 9001162-05A
MED-TOX JOB NO: 9001162
REPORT DATE: 02/22/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	34	0.5	7060	V12
Be	Beryllium	0.3	0.2	7090	V22
Cd	Cadmium	ND	0.2	7130	V22
Cr	Chromium	24	1	7190	V22
Cu	Copper	23	1	7210	V22
Pb	Lead	9	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	30	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	53	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: B11(1.5)A
CLIENT JOB NO: 1649
DATE RECEIVED: 01/30/90

MED-TOX LAB NO: 9001162-07A
MED-TOX JOB NO: 9001162
REPORT DATE: 02/22/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	8.9	0.5	7060	V12
Be	Beryllium	0.4	0.2	7090	V22
Cd	Cadmium	0.2	0.2	7130	V22
Cr	Chromium	61	1	7190	V22
Cu	Copper	30	1	7210	V22
Pb	Lead	30	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	64	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	61	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: B2(4)B
CLIENT JOB NO: 1649
DATE RECEIVED: 01/30/90

MED-TOX LAB NO: 9001162-09A
MED-TOX JOB NO: 9001162
REPORT DATE: 02/22/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	2.3	0.5	7060	V12
Be	Beryllium	0.4	0.2	7090	V22
Cd	Cadmium	ND	0.2	7130	V22
Cr	Chromium	29	1	7190	V22
Cu	Copper	17	1	7210	V22
Pb	Lead	4	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	20	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	26	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: B1(4)B
CLIENT JOB NO: 1649
DATE RECEIVED: 01/30/90

MED-TOX LAB NO: 9001162-10A
MED-TOX JOB NO: 9001162
REPORT DATE: 02/22/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	3.7	0.5	7060	V12
Be	Beryllium	0.4	0.2	7090	V22
Cd	Cadmium	0.3	0.2	7130	V22
Cr	Chromium	45	1	7190	V22
Cu	Copper	19	1	7210	V22
Pb	Lead	7	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	50	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	46	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: B35(1.5)A
CLIENT JOB NO: 1649
DATE RECEIVED: 01/30/90

MED-TOX LAB NO: 9001162-11A
MED-TOX JOB NO: 9001162
REPORT DATE: 02/22/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	3.1	0.5	7060	V12
Be	Beryllium	ND	0.2	7090	V22
Cd	Cadmium	ND	0.2	7130	V22
Cr	Chromium	11	1	7190	V22
Cu	Copper	17	1	7210	V22
Pb	Lead	14	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	13	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	34	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: B35(4)B
CLIENT JOB NO: 1649
DATE RECEIVED: 01/30/90

MED-TOX LAB NO: 9001162-12A
MED-TOX JOB NO: 9001162
REPORT DATE: 02/22/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	2.8	0.5	7060	V12
Be	Beryllium	0.5	0.2	7090	V22
Cd	Cadmium	0.3	0.2	7130	V22
Cr	Chromium	37	1	7190	V22
Cu	Copper	23	1	7210	V22
Pb	Lead	8	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	38	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	45	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

R-3-D
R-3,5-I
R-4,5-K

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

9001,162

Project No.: 1649	Field Logbook No.:	Date: 1-30-90	Serial No.: No 6036
Project Name: YERBA BUENA	Project Location: OAKLAND		
Sampler (Signature): Lou Lapuyade			Samplers: LPL

SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CONTAINERS	SAMPLE TYPE	ANALYSES: EPA 8240	EPA 8010	EPA 8270	EPA 5030 TPH GAS	EPA 8015 DIESEL/Motor Oil	EPA 8240	HOLD	RUSH	REMARKS
LF-6(4.5)B	1-29		14A	1	Soil	X	X	X	X					NORMAL TURNAROUND
LF-6(5)B			15A	1								X		SEND RESULTS TO
LF-6(10)C			16A	1								X		AMANDA SPENSER
LF-6(10.5)C			17A	1								X		BETH GURNEY
LF-6(19)			18A	1								X		LARRY LAPUYADE
LF-9(1.5)A	1-30		19A	1								X		
LF-9(3.5)B			20A	1								X		
LF-9(4.5)B			21A	1								X		
LF-9(10)C			22A	1		X		X	X					
LF-9G	1-30	1220	23A,B,C,D,E,F,G	7	GROUND WATER	X	X	X	X					

RELINQUISHED BY: (Signature) Lou Lapuyade	DATE 1-30-90	TIME 322	RECEIVED BY: (Signature) [illegible]	DATE 1/30/90	TIME 3:25
RELINQUISHED BY: (Signature) [illegible]	DATE 1/30/90	TIME 4:45	RECEIVED BY: (Signature)	DATE	TIME
RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature) Denise Harrington	DATE 1/30/90	TIME 1645
METHOD OF SHIPMENT: P.U.	DATE	TIME	LAB COMMENTS:		

Sample Collector:
LEVINE-FRICKE
1900 Powell Street, 12th Floor
Emeryville, Ca 94608
(415) 652-4500

Analytical Laboratory:
MED TOX

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page

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

90011622

Project No.: 1649	Field Logbook No.:	Date: 1-30-90	Serial No.: № 6082
Project Name: YERBA BUENA	Project Location: OAKLAND		
Sampler (Signature): [signature]			Samplers: LPL

SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CONTAINERS	SAMPLE TYPE	CAM / PPM 13 METALS	EPA 8240	EPA 8015 TPH DIESEL	EPA 8040	EPA 8100	EPA 8150	HOLD	EPA 8240	REMARKS
B6(1.5)A	1-26		01A	1	Soil	X						X		NORMAL TURNAROUND
B6(4)B	⎮		02A	1	⎮	X	X	X						SEND RESULTS TO
B7(1.5)A	⎮		03A	1	⎮	X	X	X				~~X~~	off hold	① AMANDA SPENSER
~~B7(4)B~~	⎮		04A	1	⎮	~~X~~	~~X~~	~~X~~				X		② BETH GURNEY
B9(1.5)A	⎮		05A	1	⎮	X		X	X	X	X	~~X~~	off hold	③ LARRY LAPUYADE
B9(4.5)B	⎮		06A	1	⎮	~~X~~		~~X~~	~~X~~	~~X~~	⊗	X		
B11(1.5)A	1-29		07A	1	⎮	X		X		X	X	~~X~~	off hold	PLEASE NOTE!
B11(4.5)B	⎮		08A	1	⎮	~~X~~		~~X~~		~~X~~	⊗	X		~~THERE IS NO RUSH~~
B2(4)B	⎮		09A	1	⎮	X	X	X					X	COLUMN INSTEAD
B1(4)B	⎮		10A	1	⎮	X	X	X						IT IS EPA 8240 ANALYSIS
B35(1.5)A	⎮		11A	1	⎮	X								
B35(4)B	⎮		12A	1	⎮	X	X	X					X	⊗ 8150 sub'd out already R[illegible] of analysis [illegible] hold [illegible]
LF-6(1.5)A	⎮		13A	1	⎮							X		
~~LF-6(4)B~~	⎮			1	⎮		~~X~~						~~X~~	

RELINQUISHED BY: (Signature) [signature]	DATE 1-30-90	TIME 322	RECEIVED BY: (Signature) LaVon St John	DATE 1/30/90	TIME 3:27pm
RELINQUISHED BY: (Signature) [signature] St John	DATE 1/30/90	TIME 4:45	RECEIVED BY: (Signature)	DATE	TIME
RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature) Denise Harrington	DATE 1/30/90	TIME 1645
METHOD OF SHIPMENT: P.U	DATE	TIME	LAB COMMENTS:		

Sample Collector: LEVINE-FRICKE 1900 Powell Street, 12th Floor Emeryville, Ca 94608 (415) 652-4500	Analytical Laboratory: MED TOX

Shipping Copy (White) Lab Copy (Green) File Copy (Yellow) Field Copy (Pink) FORM NO. 86/COC/ARF

FILE
15 MP

MED-TOX ASSOCIATES, INC.

ENVIRONMENTAL & OCCUPATIONAL HEALTH SERVICES
3440 Vincent Road Pleasant Hill, CA 94523 • (415) 930-9090 • FAX# (415) 930-0256

LABORATORY ANALYSIS REPORT

LEVINE-FRICKE
1900 POWELL ST., 12TH FL.
EMERYVILLE, CA 94608

ATTN: AMANDA SPENCER

REPORT DATE: 02/27/90

DATE SAMPLED: 01/31/90
DATE RECEIVED: 01/31/90
DATE EXTRACTED: 02/12/90
DATE ANALYZED: 02/14/90

CLIENT PROJECT NO: 1649

MED-TOX JOB NO: 9001167

ANALYSIS OF: SOIL AND WATER SAMPLES FOR PURGEABLE AND EXTRACTABLE HYDROCARBONS, HERBICIDES, POLY-CHLORINATED BIPHENYLS, GC/MS VOLATILE ORGANICS, GC/MS EXTRACTABLES, POLYNUCLEAR AROMATIC HYDRO-CARBONS, AND PRIORITY POLLUTANT METALS

Sample Identification Client Id.	Lab No.	Extractable Hydrocarbons as Diesel (mg/kg)	Extractable Hydrocarbons as Waste Oil (mg/kg)
C3(4.0)B	05A	ND	ND
C7(4.0)B	08A	ND	ND
C16(4.0)B	12A	ND	ND
Detection limit		10	20

Method: EPA 8015

Instrument: 5

ND = Not Detected

RECEIVED
FEB 28 1990
LEVINE-FRICKE

Michael Lynch, Manager
Organic Laboratory

Results FAXed to Amanda Spencer 02/12/90, 02/14/90 & 02/23/90

CLIENT PROJECT NO: 1649
CLIENT SAMPLE ID: C1(3.5)B
DATE SAMPLED: 01/31/90
DATE RECEIVED: 01/31/90

REPORT DATE: 02/27/90
MED-TOX LAB NO: 9001167-02A
MED-TOX JOB NO: 9001167
DATE ANALYZED: 02/03-09/90

EPA METHOD 8150*
HERBICIDES

Herbicide	Conc. (ug/kg)	Method Detection Limit (ug/kg)	Spike Recovery (%)
MCPP	ND	5	---
MCPA	ND	5	---
Dalapon	ND	5	95.7
Dicamba	8	5	---
Dichlorprop	ND	5	105.4
2,4-D	ND	5	106.5
2,4,5-TP	ND	5	103.5
2,4,5-T	ND	5	---
2,4-DB	ND	5	---
Dinoseb	ND	5	---

ND = Not Detected

* Subcontracted to a DOHS certified laboratory

CLIENT PROJECT NO: 1649
CLIENT SAMPLE ID: C3(4.0)B
DATE SAMPLED: 01/31/90
DATE RECEIVED: 01/31/90

REPORT DATE: 02/27/90
MED-TOX LAB NO: 9001167-05A
MED-TOX JOB NO: 9001167
DATE ANALYZED: 02/03-09/90

EPA METHOD 8150*
HERBICIDES

Herbicide	Conc. (ug/kg)	Method Detection Limit (ug/kg)	Spike Recovery (%)
MCPP	ND	5	---
MCPA	ND	5	---
Dalapon	ND	5	95.7
Dicamba	15	5	---
Dichlorprop	50	5	105.4
2,4-D	ND	5	106.5
2,4,5-TP	ND	5	103.5
2,4,5-T	ND	5	---
2,4-DB	ND	5	---
Dinoseb	ND	5	---

ND = Not Detected

* Subcontracted to a DOHS certified laboratory

LEVINE-FRICKE

CLIENT ID: C7(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/31/90
DATE RECEIVED: 01/31/90
REPORT DATE: 02/27/90

MED-TOX LAB NO: 9001167-08A
MED-TOX JOB NO: 9001167
DATE EXTRACTED: 02/13/90
DATE ANALYZED: 02/13/90
INSTRUMENT: #2

EPA METHOD 8080

POLYCHLORINATED BIPHENYLS

AROCLOR	CAS #	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)
Aroclor 1016	12674-11-2	ND	0.05
Aroclor 1221	11104-28-2	ND	0.05
Aroclor 1232	11141-16-5	ND	0.05
Aroclor 1242	53469-21-9	ND	0.05
Aroclor 1248	12672-29-6	ND	0.05
Aroclor 1254	11097-69-1	ND	0.05
Aroclor 1260	11096-82-5	ND	0.05

ND = Not Detected

Analytical Method: EPA 8080, SW-846 3rd Edition, 1986

LEVINE-FRICKE

CLIENT ID: C16(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/31/90
DATE RECEIVED: 01/31/90
REPORT DATE: 02/27/90

MED-TOX LAB NO: 9001167-12A
MED-TOX JOB NO: 9001167
DATE EXTRACTED: 02/13/90
DATE ANALYZED: 02/13/90
INSTRUMENT: #2

EPA METHOD 8080

POLYCHLORINATED BIPHENYLS

AROCLOR	CAS #	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)
Aroclor 1016	12674-11-2	ND	0.05
Aroclor 1221	11104-28-2	ND	0.05
Aroclor 1232	11141-16-5	ND	0.05
Aroclor 1242	53469-21-9	ND	0.05
Aroclor 1248	12672-29-6	ND	0.05
Aroclor 1254	11097-69-1	ND	0.05
Aroclor 1260	11096-82-5	ND	0.05

ND = Not Detected

Analytical Method: EPA 8080, SW-846 3rd Edition, 1986

LEVINE-FRICKE

CLIENT ID: C1(3.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/31/90
DATE RECEIVED: 01/31/90
REPORT DATE: 02/27/90

MED-TOX LAB NO: 9001167-02A
MED-TOX JOB NO: 9001167
DATE ANALYZED: 02/02-03/90
INSTRUMENT: #12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	540-59-0	ND	5
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	10
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	108-88-3	ND	5
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C1(3.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/31/90
DATE RECEIVED: 01/31/90
REPORT DATE: 02/27/90

MED-TOX LAB NO: 9001167-02A
MED-TOX JOB NO: 9001167
DATE EXTRACTED: 02/10/90
DATE ANALYZED: 02/11/90
INSTRUMENT: #11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzidine	92-87-5	ND	1600
Benzoic Acid	65-85-0	ND	1600
Benzo(a)anthracene	56-55-3	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(g,h,i)perylene	191-24-2	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzyl Alcohol	100-51-6	ND	660
Bis(2-chloroethoxy) methane	111-91-1	ND	330
Bis(2-chloroethyl)ether	111-44-4	ND	330
Bis(2-chloroisopropyl) ether	39638-32-9	ND	330
Bis(2-ethylhexyl) phthalate	117-81-7	ND	330
4-Bromophenyl phenyl ether	101-55-3	ND	330
Butylbenzyl phthalate	85-68-7	ND	330
4-Chloroaniline	106-47-8	ND	660
2-Chloronaphthalene	91-58-7	ND	330
4-Chlorophenyl phenyl ether	7005-72-3	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Dibenzofuran	132-64-9	ND	330
Di-n-butylphthalate	84-74-2	ND	330
1,2-Dichlorobenzene	95-50-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C1(3.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/31/90
DATE RECEIVED: 01/31/90
REPORT DATE: 02/27/90

MED-TOX LAB NO: 9001167-02A
MED-TOX JOB NO: 9001167
DATE EXTRACTED: 02/10/90
DATE ANALYZED: 02/11/90
INSTRUMENT: #11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	330
1,4-Dichlorobenzene	106-46-7	ND	330
3,3'-Dichlorobenzidine	91-94-1	ND	660
Diethylphthalate	84-66-2	ND	330
Dimethylphthalate	131-11-3	ND	330
2,4-Dinitrotoluene	121-14-2	ND	330
2,6-Dinitrotoluene	606-20-2	ND	330
Di-n-octylphthalate	117-84-0	ND	330
1,2-Diphenylhydrazine	122-66-7	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Hexachlorobenzene	118-74-1	ND	330
Hexachlorobutadiene	87-68-3	ND	330
Hexachlorocyclopentadiene	77-47-4	ND	330
Hexachloroethane	67-72-1	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Isophorone	78-59-1	ND	330
2-Methylnaphthalene	91-57-6	ND	330
Naphthalene	91-20-3	ND	330
2-Nitroaniline	88-74-4	ND	1600
3-Nitroaniline	99-09-2	ND	1600
4-Nitroaniline	100-01-6	ND	1600
Nitrobenzene	98-95-3	ND	330
N-nitrosodimethylamine	62-75-9	ND	330
N-nitrosodiphenylamine	86-30-6	ND	330
N-nitroso-di-n-propylamine	621-64-7	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330
1,2,4-Trichlorobenzene	120-82-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C1(3.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/31/90
DATE RECEIVED: 01/31/90
REPORT DATE: 02/27/90

MED-TOX LAB NO: 9001167-02A
MED-TOX JOB NO: 9001167
DATE EXTRACTED: 02/10/90
DATE ANALYZED: 02/11/90
INSTRUMENT: #11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	330
2-Chlorophenol	95-57-8	ND	330
2,4-Dichlorophenol	120-83-2	ND	330
2,4-Dimethylphenol	105-67-9	ND	330
4,6-Dinitro-2-methylphenol	534-52-1	ND	1600
2,4-Dinitrophenol	51-28-5	ND	1600
2-Methylphenol	95-48-7	ND	330
4-Methylphenol	106-44-5	ND	330
2-Nitrophenol	88-75-5	ND	330
4-Nitrophenol	100-02-7	ND	1600
Pentachlorophenol	87-86-5	ND	1600
Phenol	108-95-2	ND	330
2,4,5-Trichlorophenol	95-95-4	ND	330
2,4,6-Trichlorophenol	88-06-2	ND	330

ND = Not Detected

CLIENT PROJECT NO: 1649
CLIENT SAMPLE ID: C3(4.0)B
DATE SAMPLED: 01/31/90
DATE RECEIVED: 01/31/90

REPORT DATE: 02/27/90
MED-TOX JOB NO: 9001167
MED-TOX LAB NO: 9001167-05A
DATE EXTRACTED: 02/10/90
DATE ANALYZED: 02/11/90
INSTRUMENT: 11

EPA METHOD 8270
POLYNUCLEAR AROMATIC HYDROCARBONS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzo(a)anthracene	56-55-3	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(ghi)perylene	191-24-2	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Naphthalene	91-20-3	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C1(3.5)B
CLIENT JOB NO: 1649
DATE RECEIVED: 01/31/90

MED-TOX LAB NO: 9001167-02A
MED-TOX JOB NO: 9001167
REPORT DATE: 02/27/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	2.0	0.5	7060	V12
Be	Beryllium	0.3	0.2	7090	V22
Cd	Cadmium	ND	0.2	7130	V22
Cr	Chromium	30	1	7190	V22
Cu	Copper	12	1	7210	V22
Pb	Lead	5	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	15	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	24	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: C3(4.0)B
CLIENT JOB NO: 1649
DATE RECEIVED: 01/31/90

MED-TOX LAB NO: 9001167-05A
MED-TOX JOB NO: 9001167
REPORT DATE: 02/27/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	3.8	0.5	7060	V12
Be	Beryllium	0.4	0.2	7090	V22
Cd	Cadmium	ND	0.2	7130	V22
Cr	Chromium	34	1	7190	V22
Cu	Copper	15	1	7210	V22
Pb	Lead	6	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	24	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	30	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: C7(4.0)B
CLIENT JOB NO: 1649
DATE RECEIVED: 01/31/90

MED-TOX LAB NO: 9001167-08A
MED-TOX JOB NO: 9001167
REPORT DATE: 02/27/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	2.1	0.5	7060	V12
Be	Beryllium	0.6	0.2	7090	V22
Cd	Cadmium	ND	0.2	7130	V22
Cr	Chromium	42	1	7190	V22
Cu	Copper	15	1	7210	V22
Pb	Lead	5	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	25	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	32	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: C16(4.0)B
CLIENT JOB NO: 1649
DATE RECEIVED: 01/31/90

MED-TOX LAB NO: 9001167-12A
MED-TOX JOB NO: 9001167
REPORT DATE: 02/27/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	5.6	0.5	7060	V12
Be	Beryllium	0.6	0.2	7090	V22
Cd	Cadmium	0.2	0.2	7130	V22
Cr	Chromium	36	1	7190	V22
Cu	Copper	24	1	7210	V22
Pb	Lead	7	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	32	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	44	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

1,R 3 -3 -1, -1
R-1, - -B
R-4, 8-H

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

9001167

Project No.: 1649	Field Logbook No.:	Date: 1/31/90	Serial No.: № 6072
Project Name: SFPRC - Yerba Buena	Project Location: Emeryville + Oakland CA		
Sampler (Signature): CKGood			Samplers: CKG

SAMPLES / ANALYSES

SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CON-TAINERS	SAMPLE TYPE	8100	8080 EPA 601	8150 EPA 624	8015 TPH GAS	8015 TPH DIESEL	Semi 13 PP Metals	8240	HOLD	RUSH	8270	REMARKS
C1(0.5)A	1/31	9:45	01A	1	Soil								X			
C1(3.5)B	↓	—	02A	↓	↓			X			X	X			X	
C3(0.5)A		10:30	03A										X			
C3(1.5)		10:30	04A										X			
C3(4.0)B		10:45	05A			X	-	X		X	X					
C3(9.5)		10:50	06A										X			
~~C6~~(0.5)A		11:39	07A										X			
~~C6~~(4.0)B		11:45	08A				X			X	X					
~~C6~~(9.5)		11:50	09A										X			
~~C6~~(15.5)	↓	12:00	10A	↓	↓								X			
~~C6~~ WA	1/31	12:00	15 A,B	1	Water							X				2 VOAs unpreserved
~~C6~~ WB	↓	↓	C,D						X							2 preserved (HCl) VOAs
~~C6~~ WC			E,F							X						2 VOAs unpreserved
~~C6~~ WD			G,H			X										2 liter bottles
~~C6~~ WE	↓	↓	I								X		X			(EXTRA WATER sample)

RELINQUISHED BY: (Signature) Chris Good	DATE 1/31/90	TIME 3:30pm	RECEIVED BY: (Signature) LaVon St. John	DATE 1/31/90	TIME 3:30
RELINQUISHED BY: (Signature) L. St. John	DATE 1/31/90	TIME 4:35	RECEIVED BY: (Signature)	DATE	TIME
RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature) Denise Harrington	DATE 1/31/90	TIME 1635
METHOD OF SHIPMENT:	DATE	TIME	LAB COMMENTS:		

Sample Collector: LEVINE-FRICKE 1900 Powell Street, 12th Floor Emeryville, Ca 94608 (415) 652-4500	Analytical Laboratory: Med Tox

Shipping Copy (White) Lab Copy (Green) File Copy (Yellow) Field Copy (Pink) FORM NO. 86/COC/ARF

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

Project No.: 1649	Field Logbook No.:	Date: 1/31/90	Serial No.: № 6073
Project Name: SFPEC Yerba Buena	Project Location: Emeryville, Oakland, CA		
Sampler (Signature): CE Todd			Samplers: CET

SAMPLES / ANALYSES

SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CON-TAINERS	SAMPLE TYPE	8120	8080 EPA 608	8150 EPA 624	8015 TPH Gas	8015 TPH Diesel	Cam 17 PPM Metals	8240	HOLD	RUSH	8270	REMARKS
C16(1.0)A	1/31	1:45	11A	1	Soil								X			
C16(4.0)B	↓	1:50	12A	↓	↓		X			X	X					
C16(10.0)	↓	2:00	13A	↓	↓								X			
C16(14.5)	↓	2:10	14A	↓	↓								X			
C16 WA	↓	2:30	16A, B	2	Water							X				unpreserved
C16 WB	↓	↓	C, D	↓	↓				X							preserved
C16 WC	↓	↓	E, F	↓	↓					X						unpreserved
C16 WD	↓	↓	G, H	↓	↓	X										unpreserved

RELINQUISHED BY: (Signature) Chris Todd	DATE 1/31/90	TIME 3:30pm	RECEIVED BY: (Signature) Lalon St. John	DATE 1/31/90	TIME 3:30
RELINQUISHED BY: (Signature) L St John	DATE 1/31/90	TIME 4:35	RECEIVED BY: (Signature)	DATE	TIME
RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature) Denise Harrington	DATE 1/31/90	TIME 1635
METHOD OF SHIPMENT:	DATE	TIME	LAB COMMENTS:		

Sample Collector: LEVINE-FRICKE 1900 Powell Street, 12th Floor Emeryville, Ca 94608 (415) 652-4500	Analytical Laboratory: Med Tox

Shipping Copy (White) Lab Copy (Green) File Copy (Yellow) Field Copy (Pink) FORM NO. 86/COC/ARF

1649

MED-TOX ASSOCIATES, INC.

ENVIRONMENTAL & OCCUPATIONAL HEALTH SERVICES

3440 Vincent Road Pleasant Hill, CA 94523 • (415) 930-9090 • FAX# (415) 930-0256

LABORATORY ANALYSIS REPORT

LEVINE-FRICKE
1900 POWELL ST., 12TH FL.
EMERYVILLE, CA 94608

ATTN: AMANDA SPENCER

CLIENT PROJECT NO: 1649

REPORT DATE: 02/28/90

DATE SAMPLED: 01/31-02/02/90

DATE RECEIVED: 02/02/90

MED-TOX JOB NO: 9002022

ANALYSIS OF: SOIL SAMPLES FOR EXTRACTABLE AND PURGEABLE HYDROCARBONS, TOTAL HYDROCARBONS, BTXE, POLYCHLORINATED BIPHENYLS, GC/MS VOLATILE ORGANICS, GC/MS EXTRACTABLES, POLYNUCLEAR AROMATIC HYDROCARBONS, PRIORITY POLLUTANT METALS, AND ASBESTOS (PLM)

See attached for results

Michael Lynch, Manager
Organic Laboratory

Results FAXed to Amanda Spencer 02/12/90, 02/16/90 & 02/26/90

LEVINE-FRICKE

CLIENT PROJECT NO: 1649

REPORT DATE: 02/27/90

DATE EXTRACTED: 02/09, 13/90
DATE ANALYZED: 02/12-22/90

MED-TOX JOB NO: 9002022

Sample Identification Client Id.	Lab No.	Extractable Hydrocarbons as Diesel (mg/kg)	Extractable Hydrocarbons as Waste Oil (mg/kg)	Total Hydrocarbons (mg/kg)	Purgeable Hydrocarbons as Gasoline (mg/kg)	Lead (mg/kg)
B17(4.0)	13A	---	---	290	---	---
B17(9.0)	15A	ND	ND	---	210	---
C12(3.5)B	18A	ND	ND	---	---	---
C15(4.0)B	20A	ND	ND	---	---	---
C15(9.5)C	21A	---	---	---	---	---
B18(4.0)B	23A	---	---	290	---	---
B19(1.0)A	25A	---	---	4,400	---	---
B19(5.0)B	26A	---	---	320	---	---
B20(4.0)B	28A	---	---	14	---	---
B21(1.0)A	29A	---	---	10,000	---	---
B21(4.0)B	30A	---	---	1,700	---	---
B21(7.5)C	31A	---	---	11	---	---
B22(1.5)	32A	ND	100*	---	---	330
Detection limit		10	20	10	0.2	1
Method		8015	8015	503E	8015	7420
Instrument:		5	5	--	9	V22

ND = Not Detected

* Sample appears to be a different "cut" of hydrocarbon than the SAE 30 wt. motor oil. Concentration was based on motor oil calibration.

LEVINE-FRICKE

CLIENT ID: B14B(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/01/90
DATE RECEIVED: 02/02/90

REPORT DATE: 02/28/90

MED-TOX LAB NO: 9002022-02A
MED-TOX JOB NO: 9002022
DATE EXTRACTED: 02/12/90
DATE ANALYZED: 02/07-22/90
INSTRUMENT: 9, 5

BTXE AND HYDROCARBONS

METHOD: EPA 8020, 8015 (PURGE & TRAP AND EXTRACTION)

	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Benzene	ND	5
Toluene	360	5
Ethylbenzene	ND	5
Xylenes	ND	20
PURGEABLE HYDROCARBONS AS:		
Gasoline	ND mg/kg	1 mg/kg
EXTRACTABLE HYDROCARBONS AS:		
Diesel	ND mg/kg	10 mg/kg
Waste Oil	ND mg/kg	20 mg/kg

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B14B(7.5)C
CLIENT JOB NO: 1649
DATE SAMPLED: 02/01/90
DATE RECEIVED: 02/02/90

REPORT DATE: 02/28/90

MED-TOX LAB NO: 9002022-03A
MED-TOX JOB NO: 9002022
DATE EXTRACTED: 02/12/90
DATE ANALYZED: 02/07-15/90
INSTRUMENT: 9, 5

BTXE AND HYDROCARBONS

METHOD: EPA 8020, 8015 (PURGE & TRAP AND EXTRACTION)

	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Benzene	830	1
Toluene	2,500	1
Ethylbenzene	3,100	1
Xylenes	16,000	3
PURGEABLE HYDROCARBONS AS:		
Gasoline	110 mg/kg	0.2 mg/kg
EXTRACTABLE HYDROCARBONS AS:		
Diesel	ND mg/kg	10 mg/kg
Waste Oil	ND mg/kg	20 mg/kg

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B14A(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/02/90
DATE RECEIVED: 02/02/90

REPORT DATE: 02/28/90

MED-TOX LAB NO: 9002022-06A
MED-TOX JOB NO: 9002022
DATE EXTRACTED: 02/12/90
DATE ANALYZED: 02/07-15/90
INSTRUMENT: 9, 5

BTXE AND HYDROCARBONS

METHOD: EPA 8020, 8015 (PURGE & TRAP AND EXTRACTION)

	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Benzene	ND	5
Toluene	250	5
Ethylbenzene	ND	5
Xylenes	ND	20
PURGEABLE HYDROCARBONS AS:		
Gasoline	3 mg/kg	1 mg/kg
EXTRACTABLE HYDROCARBONS AS:		
Diesel	ND mg/kg	10 mg/kg
Waste Oil	20 mg/kg	20 mg/kg

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B14A(9.0)C
CLIENT JOB NO: 1649
DATE SAMPLED: 02/02/90
DATE RECEIVED: 02/02/90

REPORT DATE: 02/28/90

MED-TOX LAB NO: 9002022-07A
MED-TOX JOB NO: 9002022
DATE EXTRACTED: 02/13/90
DATE ANALYZED: 02/13-15/90
INSTRUMENT: 9, 5

BTXE AND HYDROCARBONS

METHOD: EPA 8020, 8015 (PURGE & TRAP AND EXTRACTION)

	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Benzene	ND	0.5
Toluene	25	0.5
Ethylbenzene	ND	0.5
Xylenes	ND	2
PURGEABLE HYDROCARBONS AS:		
Gasoline	ND mg/kg	0.2 mg/kg
EXTRACTABLE HYDROCARBONS AS:		
Diesel	ND mg/kg	10 mg/kg
Waste Oil	ND mg/kg	20 mg/kg

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B15(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/02/90
DATE RECEIVED: 02/02/90

REPORT DATE: 02/28/90

MED-TOX LAB NO: 9002022-10A
MED-TOX JOB NO: 9002022
DATE EXTRACTED: 02/12/90
DATE ANALYZED: 02/07-22/90
INSTRUMENT: 9, 5

BTXE AND HYDROCARBONS

METHOD: EPA 8020, 8015 (PURGE & TRAP AND EXTRACTION)

	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Benzene	100,000	1
Toluene	200,000	1
Ethylbenzene	190,000	1
Xylenes	910,000	3
PURGEABLE HYDROCARBONS AS:		
Gasoline	3,900 mg/kg	0.2 mg/kg
EXTRACTABLE HYDROCARBONS AS:		
Diesel	ND mg/kg	10 mg/kg
Waste Oil	2,500 mg/kg	20 mg/kg

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B15(9.0)C
CLIENT JOB NO: 1649
DATE SAMPLED: 02/02/90
DATE RECEIVED: 02/02/90

REPORT DATE: 02/28/90

MED-TOX LAB NO: 9002022-11A
MED-TOX JOB NO: 9002022
DATE EXTRACTED: 02/13/90
DATE ANALYZED: 02/13-15/90
INSTRUMENT: 9, 5

BTXE AND HYDROCARBONS

METHOD: EPA 8020, 8015 (PURGE & TRAP AND EXTRACTION)

	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Benzene	3,800	1
Toluene	31,000	1
Ethylbenzene	13,000	1
Xylenes	72,000	3

PURGEABLE HYDROCARBONS AS:		
Gasoline	570 mg/kg	0.2 mg/kg
EXTRACTABLE HYDROCARBONS AS:		
Diesel	ND mg/kg	10 mg/kg
Waste Oil	ND mg/kg	20 mg/kg

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B19(5.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/01/90
DATE RECEIVED: 02/02/90
REPORT DATE: 02/28/90

MED-TOX LAB NO: 9002022-26A
MED-TOX JOB NO: 9002022
DATE EXTRACTED: 02/12/90
DATE ANALYZED: 02/13/90
INSTRUMENT: 2

EPA METHOD 8080

POLYCHLORINATED BIPHENYLS

AROCLOR	CAS #	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)
Aroclor 1016	12674-11-2	ND	0.05
Aroclor 1221	11104-28-2	ND	0.05
Aroclor 1232	11141-16-5	ND	0.05
Aroclor 1242	53469-21-9	ND	0.05
Aroclor 1248	12672-29-6	ND	0.05
Aroclor 1254	11097-69-1	ND	0.05
Aroclor 1260	11096-82-5	ND	0.05

ND = Not Detected

Analytical Method: EPA 8080, SW-846 3rd Edition, 1986

LEVINE-FRICKE

CLIENT ID: B15(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/02/90
DATE RECEIVED: 02/02/90
REPORT DATE: 02/28/90

MED-TOX LAB NO: 9002022-10A
MED-TOX JOB NO: 9002022
DATE ANALYZED: 02/13/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	1000,000
Benzene	**71-43-2**	**91,000**	**50,000**
Bromodichloromethane	75-27-4	ND	50,000
Bromoform	75-25-2	ND	50,000
Bromomethane	74-83-9	ND	100,000
2-Butanone	78-93-3	ND	1000,000
Carbon Disulfide	75-15-0	ND	100,000
Carbon Tetrachloride	56-23-5	ND	50,000
Chlorobenzene	108-90-7	ND	50,000
Chloroethane	75-00-3	ND	100,000
2-Chloroethyl Vinyl Ether	110-75-8	ND	100,000
Chloroform	67-66-3	ND	50,000
Chloromethane	74-87-3	ND	100,000
Dibromochloromethane	124-48-1	ND	50,000
1,1-Dichloroethane	75-34-3	ND	50,000
1,2-Dichloroethane	107-06-2	ND	50,000
1,1-Dichloroethene	75-35-4	ND	50,000
1,2-Dichloroethene, total	540-59-0	ND	50,000
1,2-Dichloropropane	78-87-5	ND	50,000
cis-1,3-Dichloropropene	10061-01-5	ND	50,000
trans-1,3-Dichloropropene	10061-02-6	ND	50,000
Ethylbenzene	**100-41-4**	**300,000**	**50,000**
2-Hexanone	591-78-6	ND	500,000
Methylene Chloride	75-09-2	ND	100,000
4-Methyl-2-pentanone	108-10-1	ND	500,000
Styrene	100-42-5	ND	50,000
1,1,2,2-Tetrachloroethane	79-34-5	ND	50,000
Tetrachloroethene	127-18-4	ND	50,000
Toluene	**108-88-3**	**240,000**	**50,000**
1,1,1-Trichloroethane	71-55-6	ND	50,000
1,1,2-Trichloroethane	79-00-5	ND	50,000
Trichloroethene	79-01-6	ND	50,000
Vinyl Acetate	108-05-4	ND	500,000
Vinyl Chloride	75-01-4	ND	100,000
Xylenes, total	**1330-20-7**	**1,000,000**	**100,000**

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B17(9.0)
CLIENT JOB NO: 1649
DATE SAMPLED: 02/02/90
DATE RECEIVED: 02/02/90
REPORT DATE: 02/28/90

MED-TOX LAB NO: 9002022-15A
MED-TOX JOB NO: 9002022
DATE ANALYZED: 02/13/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	30,000
Benzene	**71-43-2**	**2,000**	1,000
Bromodichloromethane	75-27-4	ND	1,000
Bromoform	75-25-2	ND	1,000
Bromomethane	74-83-9	ND	3,000
2-Butanone	78-93-3	ND	30,000
Carbon Disulfide	75-15-0	ND	3,000
Carbon Tetrachloride	56-23-5	ND	1,000
Chlorobenzene	108-90-7	ND	1,000
Chloroethane	75-00-3	ND	3,000
2-Chloroethyl Vinyl Ether	110-75-8	ND	3,000
Chloroform	67-66-3	ND	1,000
Chloromethane	74-87-3	ND	3,000
Dibromochloromethane	124-48-1	ND	1,000
1,1-Dichloroethane	75-34-3	ND	1,000
1,2-Dichloroethane	107-06-2	ND	1,000
1,1-Dichloroethene	75-35-4	ND	1,000
1,2-Dichloroethene, total	540-59-0	ND	1,000
1,2-Dichloropropane	78-87-5	ND	1,000
cis-1,3-Dichloropropene	10061-01-5	ND	1,000
trans-1,3-Dichloropropene	10061-02-6	ND	1,000
Ethylbenzene	**100-41-4**	**4,900**	1,000
2-Hexanone	591-78-6	ND	13,000
Methylene Chloride	75-09-2	ND	4,000
4-Methyl-2-pentanone	108-10-1	ND	13,000
Styrene	100-42-5	ND	1,000
1,1,2,2-Tetrachloroethane	79-34-5	ND	1,000
Tetrachloroethene	127-18-4	ND	1,000
Toluene	**108-88-3**	**8,700**	1,000
1,1,1-Trichloroethane	71-55-6	ND	1,000
1,1,2-Trichloroethane	79-00-5	ND	1,000
Trichloroethene	79-01-6	ND	1,000
Vinyl Acetate	108-05-4	ND	13,000
Vinyl Chloride	75-01-4	ND	3,000
Xylenes, total	**1330-20-7**	**21,000**	3,000

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C12(3.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/31/90
DATE RECEIVED: 02/02/90
REPORT DATE: 02/28/90

MED-TOX LAB NO: 9002022-18A
MED-TOX JOB NO: 9002022
DATE ANALYZED: 02/13-14/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	540-59-0	ND	5
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	20
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	**108-88-3**	**12**	**5**
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C15(9.5)C
CLIENT JOB NO: 1649
DATE SAMPLED: 01/31/90
DATE RECEIVED: 02/02/90
REPORT DATE: 02/28/90

MED-TOX LAB NO: 9002022-21A
MED-TOX JOB NO: 9002022
DATE ANALYZED: 02/13-14/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	500
Benzene	71-43-2	ND	30
Bromodichloromethane	75-27-4	ND	30
Bromoform	75-25-2	ND	30
Bromomethane	74-83-9	ND	50
2-Butanone	78-93-3	ND	500
Carbon Disulfide	75-15-0	ND	50
Carbon Tetrachloride	56-23-5	ND	30
Chlorobenzene	108-90-7	ND	30
Chloroethane	75-00-3	ND	50
2-Chloroethyl Vinyl Ether	110-75-8	ND	50
Chloroform	67-66-3	ND	30
Chloromethane	74-87-3	ND	50
Dibromochloromethane	124-48-1	ND	30
1,1-Dichloroethane	75-34-3	ND	30
1,2-Dichloroethane	107-06-2	ND	30
1,1-Dichloroethene	75-35-4	ND	30
1,2-Dichloroethene, total	540-59-0	ND	30
1,2-Dichloropropane	78-87-5	ND	30
cis-1,3-Dichloropropene	10061-01-5	ND	30
trans-1,3-Dichloropropene	10061-02-6	ND	30
Ethylbenzene	100-41-4	ND	30
2-Hexanone	591-78-6	ND	250
Methylene Chloride	75-09-2	ND	20
4-Methyl-2-pentanone	108-10-1	ND	250
Styrene	100-42-5	ND	30
1,1,2,2-Tetrachloroethane	79-34-5	ND	30
Tetrachloroethene	127-18-4	ND	30
Toluene	**108-88-3**	**150**	30
1,1,1-Trichloroethane	71-55-6	ND	30
1,1,2-Trichloroethane	79-00-5	ND	30
Trichloroethene	79-01-6	ND	30
Vinyl Acetate	108-05-4	ND	250
Vinyl Chloride	75-01-4	ND	50
Xylenes, total	1330-20-7	ND	50

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B15(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/02/90
DATE RECEIVED: 02/02/90
REPORT DATE: 02/28/90

MED-TOX LAB NO: 9002022-10A
MED-TOX JOB NO: 9002022
DATE EXTRACTED: 02/10/90
DATE ANALYZED: 02/11/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	1,700
Acenaphthylene	208-96-8	ND	1,700
Anthracene	120-12-7	ND	1,700
Benzidine	92-87-5	ND	8,000
Benzoic Acid	65-85-0	ND	8,000
Benzo(a)anthracene	56-55-3	ND	1,700
Benzo(b)fluoranthene	205-99-2	ND	1,700
Benzo(k)fluoranthene	207-08-9	ND	1,700
Benzo(g,h,i)perylene	191-24-2	ND	1,700
Benzo(a)pyrene	50-32-8	ND	1,700
Benzyl Alcohol	100-51-6	ND	3,300
Bis(2-chloroethoxy) methane	111-91-1	ND	1,700
Bis(2-chloroethyl)ether	111-44-4	ND	1,700
Bis(2-chloroisopropyl) ether	39638-32-9	ND	1,700
Bis(2-ethylhexyl) phthalate	117-81-7	ND	1,700
4-Bromophenyl phenyl ether	101-55-3	ND	1,700
Butylbenzyl phthalate	85-68-7	ND	1,700
4-Chloroaniline	106-47-8	ND	3,300
2-Chloronaphthalene	91-58-7	ND	1,700
4-Chlorophenyl phenyl ether	7005-72-3	ND	1,700
Chrysene	218-01-9	ND	1,700
Dibenzo(a,h)anthracene	53-70-3	ND	1,700
Dibenzofuran	132-64-9	ND	1,700
Di-n-butylphthalate	84-74-2	ND	1,700
1,2-Dichlorobenzene	95-50-1	ND	1,700

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B15(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/02/90
DATE RECEIVED: 02/02/90
REPORT DATE: 02/28/90

MED-TOX LAB NO: 9002022-10A
MED-TOX JOB NO: 9002022
DATE EXTRACTED: 02/10/90
DATE ANALYZED: 02/11/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	1,700
1,4-Dichlorobenzene	106-46-7	ND	1,700
3,3'-Dichlorobenzidine	91-94-1	ND	3,300
Diethylphthalate	84-66-2	ND	1,700
Dimethylphthalate	131-11-3	ND	1,700
2,4-Dinitrotoluene	121-14-2	ND	1,700
2,6-Dinitrotoluene	606-20-2	ND	1,700
Di-n-octylphthalate	117-84-0	ND	1,700
1,2-Diphenylhydrazine	122-66-7	ND	1,700
Fluoranthene	206-44-0	ND	1,700
Fluorene	86-73-7	ND	1,700
Hexachlorobenzene	118-74-1	ND	1,700
Hexachlorobutadiene	87-68-3	ND	1,700
Hexachlorocyclopentadiene	77-47-4	ND	1,700
Hexachloroethane	67-72-1	ND	1,700
Indeno(1,2,3-cd)pyrene	193-39-5	ND	1,700
Isophorone	78-59-1	ND	1,700
2-Methylnaphthalene	91-57-6	8,000	1,700
Naphthalene	91-20-3	15,000	1,700
2-Nitroaniline	88-74-4	ND	8,000
3-Nitroaniline	99-09-2	ND	8,000
4-Nitroaniline	100-01-6	ND	8,000
Nitrobenzene	98-95-3	ND	1,700
N-nitrosodimethylamine	62-75-9	ND	1,700
N-nitrosodiphenylamine	86-30-6	ND	1,700
N-nitroso-di-n-propylamine	621-64-7	ND	1,700
Phenanthrene	85-01-8	ND	1,700
Pyrene	129-00-0	ND	1,700
1,2,4-Trichlorobenzene	120-82-1	ND	1,700

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B15(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/02/90
DATE RECEIVED: 02/02/90
REPORT DATE: 02/28/90

MED-TOX LAB NO: 9002022-10A
MED-TOX JOB NO: 9002022
DATE EXTRACTED: 02/10/90
DATE ANALYZED: 02/11/90
INSTRUMENT: 11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	1,700
2-Chlorophenol	95-57-8	ND	1,700
2,4-Dichlorophenol	120-83-2	ND	1,700
2,4-Dimethylphenol	105-67-9	ND	1,700
4,6-Dinitro-2-methylphenol	534-52-1	ND	8,000
2,4-Dinitrophenol	51-28-5	ND	8,000
2-Methylphenol	95-48-7	ND	1,700
4-Methylphenol	106-44-5	ND	1,700
2-Nitrophenol	88-75-5	ND	1,700
4-Nitrophenol	100-02-7	ND	8,000
Pentachlorophenol	87-86-5	ND	8,000
Phenol	108-95-2	ND	1,700
2,4,5-Trichlorophenol	95-95-4	ND	1,700
2,4,6-Trichlorophenol	88-06-2	ND	1,700

ND = Not Detected

CLIENT ID: B15(4.0)B
CLIENT JOB NO: 1649

MED-TOX LAB NO: 9002022-10A
MED-TOX JOB NO: 9002022

DATE SAMPLED: 02/02/90
DATE RECEIVED: 02/02/90

DATE ANALYZED: 02/11/90
REPORT DATE: 02/28/90

EPA METHOD 8270
TENTATIVELY-IDENTIFIED COMPOUNDS

Retention Time (min.)	Tentative Identification	Estimated Concentration (ug/kg)
	Polychlorinated Biphenyls	ND
	Estimated detection limit	8,000

LEVINE-FRICKE

CLIENT ID: C12(3.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/31/90
DATE RECEIVED: 02/02/90
REPORT DATE: 02/28/90

MED-TOX LAB NO: 9002022-18A
MED-TOX JOB NO: 9002022
DATE EXTRACTED: 02/10/90
DATE ANALYZED: 02/11/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzidine	92-87-5	ND	1,600
Benzoic Acid	65-85-0	ND	1,600
Benzo(a)anthracene	56-55-3	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(g,h,i)perylene	191-24-2	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzyl Alcohol	100-51-6	ND	660
Bis(2-chloroethoxy) methane	111-91-1	ND	330
Bis(2-chloroethyl)ether	111-44-4	ND	330
Bis(2-chloroisopropyl) ether	39638-32-9	ND	330
Bis(2-ethylhexyl) phthalate	117-81-7	ND	330
4-Bromophenyl phenyl ether	101-55-3	ND	330
Butylbenzyl phthalate	85-68-7	ND	330
4-Chloroaniline	106-47-8	ND	660
2-Chloronaphthalene	91-58-7	ND	330
4-Chlorophenyl phenyl ether	7005-72-3	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Dibenzofuran	132-64-9	ND	330
Di-n-butylphthalate	84-74-2	ND	330
1,2-Dichlorobenzene	95-50-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C12(3.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/31/90
DATE RECEIVED: 02/02/90
REPORT DATE: 02/28/90

MED-TOX LAB NO: 9002022-18A
MED-TOX JOB NO: 9002022
DATE EXTRACTED: 02/10/90
DATE ANALYZED: 02/11/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	330
1,4-Dichlorobenzene	106-46-7	ND	330
3,3'-Dichlorobenzidine	91-94-1	ND	660
Diethylphthalate	84-66-2	ND	330
Dimethylphthalate	131-11-3	ND	330
2,4-Dinitrotoluene	121-14-2	ND	330
2,6-Dinitrotoluene	606-20-2	ND	330
Di-n-octylphthalate	117-84-0	ND	330
1,2-Diphenylhydrazine	122-66-7	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Hexachlorobenzene	118-74-1	ND	330
Hexachlorobutadiene	87-68-3	ND	330
Hexachlorocyclopentadiene	77-47-4	ND	330
Hexachloroethane	67-72-1	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Isophorone	78-59-1	ND	330
2-Methylnaphthalene	91-57-6	ND	330
Naphthalene	91-20-3	ND	330
2-Nitroaniline	88-74-4	ND	1,600
3-Nitroaniline	99-09-2	ND	1,600
4-Nitroaniline	100-01-6	ND	1,600
Nitrobenzene	98-95-3	ND	330
N-nitrosodimethylamine	62-75-9	ND	330
N-nitrosodiphenylamine	86-30-6	ND	330
N-nitroso-di-n-propylamine	621-64-7	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330
1,2,4-Trichlorobenzene	120-82-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C12(3.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/31/90
DATE RECEIVED: 02/02/90
REPORT DATE: 02/28/90

MED-TOX LAB NO: 9002022-18A
MED-TOX JOB NO: 9002022
DATE EXTRACTED: 02/10/90
DATE ANALYZED: 02/11/90
INSTRUMENT: 11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	330
2-Chlorophenol	95-57-8	ND	330
2,4-Dichlorophenol	120-83-2	ND	330
2,4-Dimethylphenol	105-67-9	ND	330
4,6-Dinitro-2-methylphenol	534-52-1	ND	1,600
2,4-Dinitrophenol	51-28-5	ND	1,600
2-Methylphenol	95-48-7	ND	330
4-Methylphenol	106-44-5	ND	330
2-Nitrophenol	88-75-5	ND	330
4-Nitrophenol	100-02-7	ND	1,600
Pentachlorophenol	87-86-5	ND	1,600
Phenol	108-95-2	ND	330
2,4,5-Trichlorophenol	95-95-4	ND	330
2,4,6-Trichlorophenol	88-06-2	ND	330

ND = Not Detected

CLIENT ID: C12(3.5)B
CLIENT JOB NO: 1649

MED-TOX LAB NO: 9002022-18A
MED-TOX JOB NO: 9002022

DATE SAMPLED: 01/31/90
DATE RECEIVED: 02/02/90

DATE ANALYZED: 02/11/90
REPORT DATE: 02/28/90

EPA METHOD 8270
TENTATIVELY-IDENTIFIED COMPOUNDS

Retention Time (min.)	Tentative Identification	Estimated Concentration (ug/kg)
	Polychlorinated Biphenyls	ND
	Estimated detection limit	1,600

LEVINE-FRICKE

CLIENT ID: C15(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/31/90
DATE RECEIVED: 02/02/90
REPORT DATE: 02/28/90

MED-TOX LAB NO: 9002022-20A
MED-TOX JOB NO: 9002022
DATE EXTRACTED: 02/10/90
DATE ANALYZED: 02/11/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzidine	92-87-5	ND	1,600
Benzoic Acid	65-85-0	ND	1,600
Benzo(a)anthracene	56-55-3	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(g,h,i)perylene	191-24-2	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzyl Alcohol	100-51-6	ND	660
Bis(2-chloroethoxy) methane	111-91-1	ND	330
Bis(2-chloroethyl)ether	111-44-4	ND	330
Bis(2-chloroisopropyl) ether	39638-32-9	ND	330
Bis(2-ethylhexyl) phthalate	117-81-7	ND	330
4-Bromophenyl phenyl ether	101-55-3	ND	330
Butylbenzyl phthalate	85-68-7	ND	330
4-Chloroaniline	106-47-8	ND	660
2-Chloronaphthalene	91-58-7	ND	330
4-Chlorophenyl phenyl ether	7005-72-3	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Dibenzofuran	132-64-9	ND	330
Di-n-butylphthalate	84-74-2	ND	330
1,2-Dichlorobenzene	95-50-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C15(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/31/90
DATE RECEIVED: 02/02/90
REPORT DATE: 02/28/90

MED-TOX LAB NO: 9002022-20A
MED-TOX JOB NO: 9002022
DATE EXTRACTED: 02/10/90
DATE ANALYZED: 02/11/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	330
1,4-Dichlorobenzene	106-46-7	ND	330
3,3'-Dichlorobenzidine	91-94-1	ND	660
Diethylphthalate	84-66-2	ND	330
Dimethylphthalate	131-11-3	ND	330
2,4-Dinitrotoluene	121-14-2	ND	330
2,6-Dinitrotoluene	606-20-2	ND	330
Di-n-octylphthalate	117-84-0	ND	330
1,2-Diphenylhydrazine	122-66-7	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Hexachlorobenzene	118-74-1	ND	330
Hexachlorobutadiene	87-68-3	ND	330
Hexachlorocyclopentadiene	77-47-4	ND	330
Hexachloroethane	67-72-1	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Isophorone	78-59-1	ND	330
2-Methylnaphthalene	91-57-6	ND	330
Naphthalene	91-20-3	ND	330
2-Nitroaniline	88-74-4	ND	1,600
3-Nitroaniline	99-09-2	ND	1,600
4-Nitroaniline	100-01-6	ND	1,600
Nitrobenzene	98-95-3	ND	330
N-nitrosodimethylamine	62-75-9	ND	330
N-nitrosodiphenylamine	86-30-6	ND	330
N-nitroso-di-n-propylamine	621-64-7	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330
1,2,4-Trichlorobenzene	120-82-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C15(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 01/31/90
DATE RECEIVED: 02/02/90
REPORT DATE: 02/28/90

MED-TOX LAB NO: 9002022-20A
MED-TOX JOB NO: 9002022
DATE EXTRACTED: 02/10/90
DATE ANALYZED: 02/11/90
INSTRUMENT: 11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	330
2-Chlorophenol	95-57-8	ND	330
2,4-Dichlorophenol	120-83-2	ND	330
2,4-Dimethylphenol	105-67-9	ND	330
4,6-Dinitro-2-methylphenol	534-52-1	ND	1,600
2,4-Dinitrophenol	51-28-5	ND	1,600
2-Methylphenol	95-48-7	ND	330
4-Methylphenol	106-44-5	ND	330
2-Nitrophenol	88-75-5	ND	330
4-Nitrophenol	100-02-7	ND	1,600
Pentachlorophenol	87-86-5	ND	1,600
Phenol	108-95-2	ND	330
2,4,5-Trichlorophenol	95-95-4	ND	330
2,4,6-Trichlorophenol	88-06-2	ND	330

ND = Not Detected

CLIENT ID: C15(4.0)B
CLIENT JOB NO: 1649

MED-TOX LAB NO: 9002022-20A
MED-TOX JOB NO: 9002022

DATE SAMPLED: 02/02/90
DATE RECEIVED: 02/02/90

DATE ANALYZED: 02/11/90
REPORT DATE: 02/28/90

EPA METHOD 8270
TENTATIVELY-IDENTIFIED COMPOUNDS

Retention Time (min.)	Tentative Identification	Estimated Concentration (ug/kg)
	Polychlorinated Biphenyls	ND
	Estimated detection limit	1,600

LEVINE-FRICKE

CLIENT ID: B22(1.5)
CLIENT JOB NO: 1649
DATE SAMPLED: 02/02/90
DATE RECEIVED: 02/02/90
REPORT DATE: 02/28/90

MED-TOX LAB NO: 9002022-32A
MED-TOX JOB NO: 9002022
DATE EXTRACTED: 02/10/90
DATE ANALYZED: 02/11/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	1,700
Acenaphthylene	208-96-8	ND	1,700
Anthracene	120-12-7	ND	1,700
Benzidine	92-87-5	ND	8,000
Benzoic Acid	65-85-0	ND	8,000
Benzo(a)anthracene	56-55-3	ND	1,700
Benzo(b)fluoranthene	205-99-2	ND	1,700
Benzo(k)fluoranthene	207-08-9	ND	1,700
Benzo(g,h,i)perylene	191-24-2	ND	1,700
Benzo(a)pyrene	50-32-8	ND	1,700
Benzyl Alcohol	100-51-6	ND	3,300
Bis(2-chloroethoxy) methane	111-91-1	ND	1,700
Bis(2-chloroethyl)ether	111-44-4	ND	1,700
Bis(2-chloroisopropyl) ether	39638-32-9	ND	1,700
Bis(2-ethylhexyl) phthalate	117-81-7	ND	1,700
4-Bromophenyl phenyl ether	101-55-3	ND	1,700
Butylbenzyl phthalate	85-68-7	ND	1,700
4-Chloroaniline	106-47-8	ND	3,300
2-Chloronaphthalene	91-58-7	ND	1,700
4-Chlorophenyl phenyl ether	7005-72-3	ND	1,700
Chrysene	218-01-9	ND	1,700
Dibenzo(a,h)anthracene	53-70-3	ND	1,700
Dibenzofuran	132-64-9	ND	1,700
Di-n-butylphthalate	84-74-2	ND	1,700
1,2-Dichlorobenzene	95-50-1	ND	1,700

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B22(1.5)
CLIENT JOB NO: 1649
DATE SAMPLED: 02/02/90
DATE RECEIVED: 02/02/90
REPORT DATE: 02/28/90

MED-TOX LAB NO: 9002022-32A
MED-TOX JOB NO: 9002022
DATE EXTRACTED: 02/10/90
DATE ANALYZED: 02/11/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	1,700
1,4-Dichlorobenzene	106-46-7	ND	1,700
3,3'-Dichlorobenzidine	91-94-1	ND	3,300
Diethylphthalate	84-66-2	ND	1,700
Dimethylphthalate	131-11-3	ND	1,700
2,4-Dinitrotoluene	121-14-2	ND	1,700
2,6-Dinitrotoluene	606-20-2	ND	1,700
Di-n-octylphthalate	117-84-0	ND	1,700
1,2-Diphenylhydrazine	122-66-7	ND	1,700
Fluoranthene	206-44-0	ND	1,700
Fluorene	86-73-7	ND	1,700
Hexachlorobenzene	118-74-1	ND	1,700
Hexachlorobutadiene	87-68-3	ND	1,700
Hexachlorocyclopentadiene	77-47-4	ND	1,700
Hexachloroethane	67-72-1	ND	1,700
Indeno(1,2,3-cd)pyrene	193-39-5	ND	1,700
Isophorone	78-59-1	ND	1,700
2-Methylnaphthalene	91-57-6	ND	1,700
Naphthalene	91-20-3	ND	1,700
2-Nitroaniline	88-74-4	ND	8,000
3-Nitroaniline	99-09-2	ND	8,000
4-Nitroaniline	100-01-6	ND	8,000
Nitrobenzene	98-95-3	ND	1,700
N-nitrosodimethylamine	62-75-9	ND	1,700
N-nitrosodiphenylamine	86-30-6	ND	1,700
N-nitroso-di-n-propylamine	621-64-7	ND	1,700
Phenanthrene	85-01-8	ND	1,700
Pyrene	129-00-0	ND	1,700
1,2,4-Trichlorobenzene	120-82-1	ND	1,700

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B22(1.5)
CLIENT JOB NO: 1649
DATE SAMPLED: 02/02/90
DATE RECEIVED: 02/02/90
REPORT DATE: 02/28/90

MED-TOX LAB NO: 9002022-32A
MED-TOX JOB NO: 9002022
DATE EXTRACTED: 02/10/90
DATE ANALYZED: 02/11/90
INSTRUMENT: 11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	1,700
2-Chlorophenol	95-57-8	ND	1,700
2,4-Dichlorophenol	120-83-2	ND	1,700
2,4-Dimethylphenol	105-67-9	ND	1,700
4,6-Dinitro-2-methylphenol	534-52-1	ND	8,000
2,4-Dinitrophenol	51-28-5	ND	8,000
2-Methylphenol	95-48-7	ND	1,700
4-Methylphenol	106-44-5	ND	1,700
2-Nitrophenol	88-75-5	ND	1,700
4-Nitrophenol	100-02-7	ND	8,000
Pentachlorophenol	87-86-5	ND	8,000
Phenol	108-95-2	ND	1,700
2,4,5-Trichlorophenol	95-95-4	ND	1,700
2,4,6-Trichlorophenol	88-06-2	ND	1,700

ND = Not Detected

CLIENT ID: B22(1.5)
CLIENT JOB NO: 1649

MED-TOX LAB NO: 9002022-32A
MED-TOX JOB NO: 9002022

DATE SAMPLED: 02/02/90
DATE RECEIVED: 02/02/90

DATE ANALYZED: 02/11/90
REPORT DATE: 02/28/90

EPA METHOD 8270
TENTATIVELY-IDENTIFIED COMPOUNDS

Retention Time (min.)	Tentative Identification	Estimated Concentration (ug/kg)
	Polychlorinated Biphenyls	ND
	Estimated detection limit	8,000

CLIENT PROJECT NO: 1649
CLIENT SAMPLE ID: B19(1.0)A
DATE SAMPLED: 01/31/90
DATE RECEIVED: 02/02/90

REPORT DATE: 02/28/90
MED-TOX LAB NO: 9002022-25A
MED-TOX JOB NO: 9002022
DATE EXTRACTED: 02/12/90
DATE ANALYZED: 02/15/90
INSTRUMENT: 11

EPA METHOD 8270
POLYNUCLEAR AROMATIC HYDROCARBONS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	660
Acenaphthylene	208-96-8	ND	660
Anthracene	120-12-7	ND	660
Benzo(a)anthracene	56-55-3	ND	660
Benzo(a)pyrene	50-32-8	ND	660
Benzo(b)fluoranthene	205-99-2	ND	660
Benzo(k)fluoranthene	207-08-9	ND	660
Benzo(ghi)perylene	191-24-2	ND	660
Chrysene	218-01-9	ND	660
Dibenzo(a,h)anthracene	53-70-3	ND	660
Fluoranthene	206-44-0	ND	660
Fluorene	86-73-7	ND	660
Indeno(1,2,3-cd)pyrene	193-39-5	ND	660
Naphthalene	91-20-3	ND	660
Phenanthrene	85-01-8	ND	660
Pyrene	129-00-0	ND	660

ND = Not Detected

CLIENT PROJECT NO: 1649
CLIENT SAMPLE ID: B19(5.0)B
DATE SAMPLED: 02/01/90
DATE RECEIVED: 02/02/90

REPORT DATE: 02/28/90
MED-TOX LAB NO: 9002022-26A
MED-TOX JOB NO: 9002022
DATE EXTRACTED: 02/15/90
DATE ANALYZED: 02/16/90
INSTRUMENT: 11

EPA METHOD 8270
POLYNUCLEAR AROMATIC HYDROCARBONS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzo(a)anthracene	56-55-3	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(ghi)perylene	191-24-2	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Naphthalene	91-20-3	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330

ND = Not Detected

CLIENT PROJECT NO: 1649
CLIENT SAMPLE ID: B20(4.0)B
DATE SAMPLED: 02/01/90
DATE RECEIVED: 02/02/90

REPORT DATE: 02/28/90
MED-TOX LAB NO: 9002022-28A
MED-TOX JOB NO: 9002022
DATE EXTRACTED: 02/15/90
DATE ANALYZED: 02/16/90
INSTRUMENT: 11

EPA METHOD 8270
POLYNUCLEAR AROMATIC HYDROCARBONS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzo(a)anthracene	56-55-3	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(ghi)perylene	191-24-2	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Naphthalene	91-20-3	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330

ND = Not Detected

CLIENT PROJECT NO: 1649
CLIENT SAMPLE ID: B21(1.0)A
DATE SAMPLED: 02/01/90
DATE RECEIVED: 02/02/90

REPORT DATE: 02/28/90
MED-TOX LAB NO: 9002022-29A
MED-TOX JOB NO: 9002022
DATE EXTRACTED: 02/12/90
DATE ANALYZED: 02/15-16/90
INSTRUMENT: 11

EPA METHOD 8270
POLYNUCLEAR AROMATIC HYDROCARBONS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzo(a)anthracene	56-55-3	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(ghi)perylene	191-24-2	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Naphthalene	91-20-3	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330

ND = Not Detected

CLIENT PROJECT NO: 1649
CLIENT SAMPLE ID: B21(4.0)B
DATE SAMPLED: 02/01/90
DATE RECEIVED: 02/02/90

REPORT DATE: 02/28/90
MED-TOX LAB NO: 9002022-30A
MED-TOX JOB NO: 9002022
DATE EXTRACTED: 02/15/90
DATE ANALYZED: 02/16/90
INSTRUMENT: 11

EPA METHOD 8270
POLYNUCLEAR AROMATIC HYDROCARBONS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzo(a)anthracene	56-55-3	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(ghi)perylene	191-24-2	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Naphthalene	91-20-3	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330

ND = Not Detected

CLIENT PROJECT NO: 1649
CLIENT SAMPLE ID: B21(7.5)C
DATE SAMPLED: 02/01/90
DATE RECEIVED: 02/02/90

REPORT DATE: 02/28/90
MED-TOX LAB NO: 9002022-31A
MED-TOX JOB NO: 9002022
DATE EXTRACTED: 02/15/90
DATE ANALYZED: 02/16/90
INSTRUMENT: 11

EPA METHOD 8270
POLYNUCLEAR AROMATIC HYDROCARBONS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzo(a)anthracene	56-55-3	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(ghi)perylene	191-24-2	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Naphthalene	91-20-3	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C12(3.5)B
CLIENT JOB NO: 1649
DATE RECEIVED: 02/02/90

MED-TOX LAB NO: 9002022-18A
MED-TOX JOB NO: 9002022
REPORT DATE: 02/28/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	6.8	0.5	7060	V12
Be	Beryllium	0.4	0.2	7090	V22
Cd	Cadmium	0.3	0.2	7130	V22
Cr	Chromium	45	1	7190	V22
Cu	Copper	27	1	7210	V22
Pb	Lead	9	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	33	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	58	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: C15(0.5)A
CLIENT JOB NO: 1649
DATE RECEIVED: 02/02/90

MED-TOX LAB NO: 9002022-19A
MED-TOX JOB NO: 9002022
REPORT DATE: 02/28/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	22	0.5	7060	V12
Be	Beryllium	0.4	0.2	7090	V22
Cd	Cadmium	0.9	0.2	7130	V22
Cr	Chromium	39	1	7190	V22
Cu	Copper	72	1	7210	V22
Pb	Lead	240	1	7420	V22
Hg	Mercury	0.2	0.2	7471	Hg
Ni	Nickel	42	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	420	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: C15(4.0)B
CLIENT JOB NO: 1649
DATE RECEIVED: 02/02/90

MED-TOX LAB NO: 9002022-20A
MED-TOX JOB NO: 9002022
REPORT DATE: 02/28/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	ND	0.5	7060	V12
Be	Beryllium	0.5	0.2	7090	V22
Cd	Cadmium	ND	0.2	7130	V22
Cr	Chromium	33	1	7190	V22
Cu	Copper	29	1	7210	V22
Pb	Lead	5	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	29	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	38	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: B19(1.0)A
CLIENT JOB NO: 1649
DATE RECEIVED: 02/02/90

MED-TOX LAB NO: 9002022-25A
MED-TOX JOB NO: 9002022
REPORT DATE: 02/28/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	1.6	0.5	7060	V12
Be	Beryllium	0.3	0.2	7090	V22
Cd	Cadmium	ND	0.2	7130	V22
Cr	Chromium	20	1	7190	V22
Cu	Copper	26	1	7210	V22
Pb	Lead	13	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	30	1	7520	V22
Se	Selenium	2	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	52	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: B19(5.0)B
CLIENT JOB NO: 1649
DATE RECEIVED: 02/02/90

MED-TOX LAB NO: 9002022-26A
MED-TOX JOB NO: 9002022
REPORT DATE: 02/28/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	0.9	0.5	7060	V12
Be	Beryllium	0.5	0.2	7090	V22
Cd	Cadmium	0.2	0.2	7130	V22
Cr	Chromium	42	1	7190	V22
Cu	Copper	22	1	7210	V22
Pb	Lead	5	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	37	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	40	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: B21(1.0)A
CLIENT JOB NO: 1649
DATE RECEIVED: 02/02/90

MED-TOX LAB NO: 9002022-29A
MED-TOX JOB NO: 9002022
REPORT DATE: 02/28/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	2.4	0.5	7060	V12
Be	Beryllium	ND	0.2	7090	V22
Cd	Cadmium	0.6	0.2	7130	V22
Cr	Chromium	24	1	7190	V22
Cu	Copper	38	1	7210	V22
Pb	Lead	110	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	27	1	7520	V22
Se	Selenium	1	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	320	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

MED-TOX ASSOCIATES, INC

LABORATORY REPORT

LEVINE-FRICKE
1900 POWELL ST., 12TH FLOOR
EMERYBILLE, CA 94608
ATTN: AMANDA SPENCER

REPORT DATE: 02/08/90
SAMPLES RECEIVED: 02/06/90
MED-TOX JOB NO: 7L7381-4/SH08
PURCHASE ORDER NO: 9002022

ANALYSIS: ASBESTOS IN BULK SAMPLES
METHOD: PLM (POLARIZED LIGHT MICROSCOPY/DISPERSION STAINING)
EPA 600/M4-82-020
EPA ACCREDITATION NUMBER: 9284
NVLAP ACCREDITATION NUMBER: 1229.01

Sample Identification Client	Lab No.	Brief Physical Description	Chrysotile Asbestos Percent	Amphibole Asbestos Percent
C15(0.5)A	A5571	Dark brown soil #	ND(1)	ND(1)
C15(4.0)B	A5572	Dark brown soil #	ND(1)	ND(1)

Melany Ferimsky
Melany Ferimsky
Laboratory Analyst

2-8-90
Date

Don Lyons
Don Lyons
Laboratory Manager

NOTES:
ND(1) = means no asbestos detected; method detection limit is 1%.
Trace = asbestos identified in sample; concentration less than method detection limit of 1%.
Amphibole asbestos includes amosite, crocidolite, anthophyllite, tremolite and actinolite.
Soils, and slurry-based materials (e.g. spray-on and troweled-on materials) can be inhomogeneous due to the nature of their preparation.

1229 Morena Boulevard, San Diego, California (619) 276-8843

17

R-4, S-C

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

9002022

Project No.: 1649	Field Logbook No.:	Date: 2/2/90	Serial No.: № 6074
Project Name: SFPRC - YERBA BUENA	Project Location: Emeryville + Oakland, CA		
Sampler (Signature): C Good			Samplers: CKG

SAMPLES / **ANALYSES**

SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CONTAINERS	SAMPLE TYPE	8240	8010 EPA 601	8270 EPA 624	8080	5015 TPH Gas	5015 TPH Diesel	Sim 5030	HOLD	RUSH	[illegible] metals	[illegible]	BTXE	REMARKS
B14B(1.5)	2/1	3:26	1A	1	soil								X					
B14B(4.0)B	↓	3:40	2A	↓	↓					X	X						X	odor observed
B14B(7.5)C		3:45	3A							X	X						X	odor observed
B14B(14.0)	↓	3:50	4A	↓	↓								X					odor observed
C15W	1/31	400		2	water	X												
C15W	↓	↓		1	↓										X			"
B14A(1.0)A	2/2	9:25	5A	1	soil								X					
B14A(4.0)B	↓	9:35	6A	↓	↓					X	X						X	odor observed
– B14A(9.0)C		9:50	7A							(X)	(X)		X				(X)	odor observed
B14A(12.5)	↓	9:55	8A	↓	↓								X					off Hold
B14AW	2/2	10:30		2	water												X	"
B14AW	↓	↓								X	[redacted]							preserved w/ HCl
B14AW	↓	↓		↓							X							

RELINQUISHED BY: (Signature) Chris Good	DATE 2/2/90	TIME 3:05	RECEIVED BY: (Signature) Dallon St. John	DATE 2/2/90	TIME 3:25
RELINQUISHED BY: (Signature) R St John	DATE 2/2/90	TIME 4:40	RECEIVED BY: (Signature)	DATE	TIME
RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature) Denise Harrington	DATE 2/2/90	TIME 1645
METHOD OF SHIPMENT:	DATE	TIME	LAB COMMENTS:		

Sample Collector: LEVINE-FRICKE 1900 Powell Street, 12th Floor Emeryville, Ca 94608 (415) 652-4500	Analytical Laboratory: Med Tox

Shipping Copy (White) Lab Copy (Green) File Copy (Yellow) Field Copy (Pink)

FORM NO. 86/COC/ARF

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

9002022 , 9e2

Project No.: 1649	Field Logbook No.:	Date: 2/2/90	Serial No.: № 5991
Project Name: SFBRC – Yerba Buena	Project Location: Emeryville + Oakland		
Sampler (Signature): C Goodman			Samplers: CKE

SAMPLES / **ANALYSES**

SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CONTAINERS	SAMPLE TYPE	8240	[struck]	[struck]	8080	5015 TPH Gas	5015 TPH Diesel	SM 5520	HOLD	RUSH	CAM 17 metals	Asbestos	BTXE	REMARKS
B15(1.0)A	2/2	11:05	9A	1	Soil								X					
B15(4.0)B	↓	11:15	10A	↓	↓	X	X			X	X						X	✓
B15(9.0)C	↓	11:25	11A	↓	↓					X	X		(X)				X	✓ odor observed; off hold 2/12
B15(13.0)	↓	11:30	12A	↓	↓								X					
B15W	2/2	11:30		2	Water												X	
B15W	↓	↓		2	↓					X								preserved w/ HCl
B15W	↓	↓		2	↓						X							
B17(4.0)	2/2	12:55	13A	1	Soil							X						
B17(5.5)	↓	1:15	14A	↓	↓								X					
B17(9.0)	↓	1:32	15A	↓	↓	X				X	X		(X)					odor observed; off hold 2/12
B17(13.0)	↓	2:13	16A	↓	↓								X					
B22 1.5			32A															
3.0			33A															
4.5			34A															Note: No "B17A" sample

RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	DATE	TIME
C Goodman	2/2/90	3:05	Salvon St John	2/2/90	3:05
S St John	2/2/90	4:40			
			Denise Harrington	2/2/90	1645
METHOD OF SHIPMENT:	DATE	TIME	LAB COMMENTS:		

Sample Collector:	Analytical Laboratory:
LEVINE-FRICKE 1900 Powell Street, 12th Floor Emeryville, Ca 94608 (415) 652-4500	Med Tox

Shipping Copy (White) Lab Copy (Green) File Copy (Yellow) Field Copy (Pink) FORM NO. 86/COC/ARF

9002022

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

Project No.: 1649	Field Logbook No.:	Date: 2/2/90	Serial No.: № 5994
Project Name: SFPRC - YERBA BUENA	Project Location: Emeryville, Oakland, CA		
Sampler (Signature): [signature]			Samplers: CKG

ANALYSES

SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CONTAINERS	SAMPLE TYPE	8240	8270 ~~EPA 625~~	8100 ~~EPA 624~~	5030 (PCB)	5015 TPH Gas	5015 TPH Diesel/motor oil	SM 503E	HOLD	RUSH	CAM 17 metals	Asbestos	REMARKS
C12(1.0)A	1/31	4:50	17A	1	Soil								X		X		
C12(3.5)B	↓	4:55	18A	↓	↓	X	X				X				X		
C15(0.5)A		3:30	19A												X	X	
C15(4.0)B		3:40	20A				X				X				X	X	Pesticides/PNAs/PCBs [redacted]
C15(9.5)C	↓	3:45	21A	↓	↓	X											
B18(2.5)	2/1	12:15	22A	1	Soil							X	X				
B18(4.0)B	↓	12:30	23A	↓	↓							X					
B18(5.5)		12:45	24A										X				
- B19(1.0)A		10:48	25A					x				(X)	(X)		(X)		off hold 2/12
B19(5.0)B		10:55	26A					X	X			X			X		
B20(1.0)A		2:39	27A									X	X				
B20(4.0)B		2:45	28A					X				X					
- B21(1.0)A		11:15	29A					X				(X)	(X)		x		off hold 2/12
B21(4.0)B		11:25	30A					X				X					
B21(7.5)C	↓	11:30	31A	↓	↓			X				X					

RELINQUISHED BY: (Signature) [signature]	DATE 2/2/90	TIME 3:05	RECEIVED BY: (Signature) [signature]	DATE 2/2/90	TIME 3:05
RELINQUISHED BY: (Signature) [signature]	DATE 2/2/90	TIME 4:40	RECEIVED BY: (Signature)	DATE	TIME
RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature) Denise Harrington	DATE 2/2/90	TIME 1645
METHOD OF SHIPMENT:	DATE	TIME	LAB COMMENTS:		

Sample Collector: LEVINE-FRICKE
1900 Powell Street, 12th Floor
Emeryville, Ca 94608
(415) 652-4500

Analytical Laboratory: MedTox

Shipping Copy (White) Lab Copy (Green) File Copy (Yellow) Field Copy (Pink)

FORM NO. 86/COC/ARF

FILE
1649

MED-TOX ASSOCIATES, INC.

ENVIRONMENTAL & OCCUPATIONAL HEALTH SERVICES

3440 Vincent Road Pleasant Hill, CA 94523 • (415) 930-9090 • FAX# (415) 930-0256

LABORATORY ANALYSIS REPORT

LEVINE-FRICKE
1900 POWELL ST., 12TH FL.
EMERYVILLE, CA 94608

ATTN: AMANDA SPENCER

CLIENT PROJECT NO: 1649

REPORT DATE: 02/27/90

DATE SAMPLED: 02/05-06/90

DATE RECEIVED: 02/06/90

MED-TOX JOB NO: 9002035

ANALYSIS OF: SOIL SAMPLES FOR EXTRACTABLE AND PURGEABLE HYDROCARBONS, pH, POLYCHLORINATED BIPHENYLS, CHLORINATED HERBICIDES, GC/MS VOLATILE ORGANICS, GC/MS EXTRACTABLES, POLYNUCLEAR AROMATIC HYDROCARBONS, PRIORITY POLLUTANT METALS, AND ASBESTOS (PLM)

See attached for results

RECEIVED
FEB 28 1990
LEVINE-FRICKE

Michael Lynch
Michael Lynch, Manager
Organic Laboratory

Results FAXed to Amanda Spencer 02/15/90, 02/16/90 & 02/23/90

LEVINE-FRICKE

CLIENT PROJECT NO: 1649

REPORT DATE: 02/27/90

DATE EXTRACTED: 02/15/90
DATE ANALYZED: 02/08-16/90

MED-TOX JOB NO: 9002035

Sample Identification Client Id.	Lab No.	Extractable Hydrocarbons as Diesel (mg/kg)	Extractable Hydrocarbons as Waste Oil (mg/kg)	Purgeable Hydrocarbons as Gasoline (mg/kg)	pH (S.U.)
A13(4.0)B	03A	ND	2,100	---	---
A11(4.0)B	05A	ND	ND	---	---
A16(4.0)B	07A	ND	30	---	---
A18(4.0)B	11A	---	---	ND	---
A19(3.0)B	13A	ND	60	---	7.4
A20(2.5)B	15A	ND	30	---	7.4
A12(1.0)A	16A	ND	770	---	---
A12(3.5)B	17A	ND	450	---	---
A21(2.5)B	19A	ND	590	---	---
A22(1.0)A	20A	ND	1,300	---	---
A22(4.0)B	21A	ND	800	---	---
C8(4.0)B	23A	ND	60	---	---
C14(4.0)B	25A	ND	50	---	---
Detection limit		10	20	0.2	NA
Method		8015	8015	8015	9045
Instrument		3	3	9	ISE

ND = Not Detected
NA = Not Applicable

LEVINE-FRICKE

CLIENT ID: A13(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/05/90
DATE RECEIVED: 02/06/90
REPORT DATE: 02/27/90

MED-TOX LAB NO: 9002035-03A
MED-TOX JOB NO: 9002035
DATE EXTRACTED: 02/15/90
DATE ANALYZED: 02/15/90
INSTRUMENT: #2

EPA METHOD 8080

POLYCHLORINATED BIPHENYLS

AROCLOR	CAS #	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)
Aroclor 1016	12674-11-2	ND	0.1
Aroclor 1221	11104-28-2	ND	0.1
Aroclor 1232	11141-16-5	ND	0.1
Aroclor 1242	53469-21-9	ND	0.1
Aroclor 1248	12672-29-6	ND	0.1
Aroclor 1254	11097-69-1	ND	0.1
Aroclor 1260	11096-82-5	ND	0.1

ND = Not Detected

Analytical Method: EPA 8080, SW-846 3rd Edition, 1986

LEVINE-FRICKE

CLIENT ID: A17(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/05/90
DATE RECEIVED: 02/06/90
REPORT DATE: 02/27/90

MED-TOX LAB NO: 9002035-09A
MED-TOX JOB NO: 9002035
DATE EXTRACTED: 02/15/90
DATE ANALYZED: 02/15/90
INSTRUMENT: #2

EPA METHOD 8080

POLYCHLORINATED BIPHENYLS

AROCLOR	CAS #	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)
Aroclor 1016	12674-11-2	ND	0.05
Aroclor 1221	11104-28-2	ND	0.05
Aroclor 1232	11141-16-5	ND	0.05
Aroclor 1242	53469-21-9	ND	0.05
Aroclor 1248	12672-29-6	ND	0.05
Aroclor 1254	11097-69-1	ND	0.05
Aroclor 1260	11096-82-5	ND	0.05

ND = Not Detected

Analytical Method: EPA 8080, SW-846 3rd Edition, 1986

LEVINE-FRICKE

CLIENT ID: A19(1.0)A
CLIENT JOB NO: 1649
DATE SAMPLED: 02/05/90
DATE RECEIVED: 02/06/90
REPORT DATE: 02/27/90

MED-TOX LAB NO: 9002035-12A
MED-TOX JOB NO: 9002035
DATE EXTRACTED: 02/15/90
DATE ANALYZED: 02/15/90
INSTRUMENT: #2

EPA METHOD 8080

POLYCHLORINATED BIPHENYLS

AROCLOR	CAS #	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)
Aroclor 1016	12674-11-2	ND	0.05
Aroclor 1221	11104-28-2	ND	0.05
Aroclor 1232	11141-16-5	ND	0.05
Aroclor 1242	53469-21-9	ND	0.05
Aroclor 1248	12672-29-6	ND	0.05
Aroclor 1254	11097-69-1	ND	0.05
Aroclor 1260	11096-82-5	ND	0.05

ND = Not Detected

Analytical Method: EPA 8080, SW-846 3rd Edition, 1986

LEVINE-FRICKE

CLIENT ID: A19(3.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/05/90
DATE RECEIVED: 02/06/90
REPORT DATE: 02/27/90

MED-TOX LAB NO: 9002035-13A
MED-TOX JOB NO: 9002035
DATE EXTRACTED: 02/15/90
DATE ANALYZED: 02/15/90
INSTRUMENT: #2

EPA METHOD 8080

POLYCHLORINATED BIPHENYLS

AROCLOR	CAS #	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)
Aroclor 1016	12674-11-2	ND	0.05
Aroclor 1221	11104-28-2	ND	0.05
Aroclor 1232	11141-16-5	ND	0.05
Aroclor 1242	53469-21-9	ND	0.05
Aroclor 1248	12672-29-6	ND	0.05
Aroclor 1254	11097-69-1	ND	0.05
Aroclor 1260	11096-82-5	ND	0.05

ND = Not Detected

Analytical Method: EPA 8080, SW-846 3rd Edition, 1986

LEVINE-FRICKE

CLIENT ID: A12(1.0)A
CLIENT JOB NO: 1649
DATE SAMPLED: 02/05/90
DATE RECEIVED: 02/06/90
REPORT DATE: 02/27/90

MED-TOX LAB NO: 9002035-16A
MED-TOX JOB NO: 9002035
DATE EXTRACTED: 02/15/90
DATE ANALYZED: 02/15/90
INSTRUMENT: #2

EPA METHOD 8080

POLYCHLORINATED BIPHENYLS

AROCLOR	CAS #	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)
Aroclor 1016	12674-11-2	ND	0.05
Aroclor 1221	11104-28-2	ND	0.05
Aroclor 1232	11141-16-5	ND	0.05
Aroclor 1242	53469-21-9	ND	0.05
Aroclor 1248	12672-29-6	ND	0.05
Aroclor 1254	11097-69-1	ND	0.05
Aroclor 1260	11096-82-5	ND	0.05

ND = Not Detected

Analytical Method: EPA 8080, SW-846 3rd Edition, 1986

LEVINE-FRICKE

CLIENT ID: A12(3.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/05/90
DATE RECEIVED: 02/06/90
REPORT DATE: 02/27/90

MED-TOX LAB NO: 9002035-17A
MED-TOX JOB NO: 9002035
DATE EXTRACTED: 02/15/90
DATE ANALYZED: 02/15/90
INSTRUMENT: #2

EPA METHOD 8080

POLYCHLORINATED BIPHENYLS

AROCLOR	CAS #	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)
Aroclor 1016	12674-11-2	ND	0.05
Aroclor 1221	11104-28-2	ND	0.05
Aroclor 1232	11141-16-5	ND	0.05
Aroclor 1242	53469-21-9	ND	0.05
Aroclor 1248	12672-29-6	ND	0.05
Aroclor 1254	11097-69-1	ND	0.05
Aroclor 1260	11096-82-5	ND	0.05

ND = Not Detected

Analytical Method: EPA 8080, SW-846 3rd Edition, 1986

LEVINE-FRICKE

CLIENT ID: A22(1.0)A
CLIENT JOB NO: 1649
DATE SAMPLED: 02/05/90
DATE RECEIVED: 02/06/90
REPORT DATE: 02/27/90

MED-TOX LAB NO: 9002035-20A
MED-TOX JOB NO: 9002035
DATE EXTRACTED: 02/15/90
DATE ANALYZED: 02/15/90
INSTRUMENT: #2

EPA METHOD 8080

POLYCHLORINATED BIPHENYLS

AROCLOR	CAS #	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)
Aroclor 1016	12674-11-2	ND	0.05
Aroclor 1221	11104-28-2	ND	0.05
Aroclor 1232	11141-16-5	ND	0.05
Aroclor 1242	53469-21-9	ND	0.05
Aroclor 1248	12672-29-6	ND	0.05
Aroclor 1254	11097-69-1	ND	0.05
Aroclor 1260	11096-82-5	0.1	0.05

ND = Not Detected

Analytical Method: EPA 8080, SW-846 3rd Edition, 1986

LEVINE-FRICKE

CLIENT ID: A22(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/05/90
DATE RECEIVED: 02/06/90
REPORT DATE: 02/27/90

MED-TOX LAB NO: 9002035-21A
MED-TOX JOB NO: 9002035
DATE EXTRACTED: 02/15/90
DATE ANALYZED: 02/15/90
INSTRUMENT: #2

EPA METHOD 8080

POLYCHLORINATED BIPHENYLS

AROCLOR	CAS #	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)
Aroclor 1016	12674-11-2	ND	0.05
Aroclor 1221	11104-28-2	ND	0.05
Aroclor 1232	11141-16-5	ND	0.05
Aroclor 1242	53469-21-9	ND	0.05
Aroclor 1248	12672-29-6	ND	0.05
Aroclor 1254	11097-69-1	ND	0.05
Aroclor 1260	11096-82-5	ND	0.05

ND = Not Detected

Analytical Method: EPA 8080, SW-846 3rd Edition, 1986

CLIENT PROJECT NO: 1649
CLIENT SAMPLE ID: A12(3.5)B
DATE SAMPLED: 02/05/90
DATE RECEIVED: 02/06/90

REPORT DATE: 02/27/90
MED-TOX LAB NO: 9002035-17A
MED-TOX JOB NO: 9002035
DATE ANALYZED: 02/12-14/90

EPA METHOD 8150*
HERBICIDES

Herbicide	Conc. (ug/kg)	Method Detection Limit (ug/kg)
MCPP	ND	5
MCPA	ND	5
Dalapon	ND	5
Dicamba	ND	5
Dichlorprop	ND	5
2,4-D	ND	5
2,4,5-TP (SILVEX)	ND	5
2,4,5-T	ND	5
2,4-DB	ND	5
Dinoseb	ND	5

ND = Not Detected

* Subcontracted to a DOHS certified laboratory

LEVINE-FRICKE

CLIENT ID: A11(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/05/90
DATE RECEIVED: 02/06/90
REPORT DATE: 02/27/90

MED-TOX LAB NO: 9002035-05A
MED-TOX JOB NO: 9002035
DATE ANALYZED: 02/16/90
INSTRUMENT: #12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	540-59-0	ND	5
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	**108-88-3**	**200**	**5**
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: A18(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/05/90
DATE RECEIVED: 02/06/90
REPORT DATE: 02/27/90

MED-TOX LAB NO: 9002035-11A
MED-TOX JOB NO: 9002035
DATE ANALYZED: 02/16/90
INSTRUMENT: #12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	540-59-0	ND	5
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	**108-88-3**	**210**	**5**
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C8(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/06/90
DATE RECEIVED: 02/06/90
REPORT DATE: 02/27/90

MED-TOX LAB NO: 9002035-23A
MED-TOX JOB NO: 9002035
DATE ANALYZED: 02/16/90
INSTRUMENT: #12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	500
Benzene	71-43-2	ND	30
Bromodichloromethane	75-27-4	ND	30
Bromoform	75-25-2	ND	30
Bromomethane	74-83-9	ND	50
2-Butanone	78-93-3	ND	500
Carbon Disulfide	75-15-0	ND	50
Carbon Tetrachloride	56-23-5	ND	30
Chlorobenzene	108-90-7	ND	30
Chloroethane	75-00-3	ND	50
2-Chloroethyl Vinyl Ether	110-75-8	ND	50
Chloroform	67-66-3	ND	30
Chloromethane	74-87-3	ND	50
Dibromochloromethane	124-48-1	ND	30
1,1-Dichloroethane	75-34-3	ND	30
1,2-Dichloroethane	107-06-2	ND	30
1,1-Dichloroethene	75-35-4	ND	30
1,2-Dichloroethene, total	540-59-0	ND	30
1,2-Dichloropropane	78-87-5	ND	30
cis-1,3-Dichloropropene	10061-01-5	ND	30
trans-1,3-Dichloropropene	10061-02-6	ND	30
Ethylbenzene	100-41-4	ND	30
2-Hexanone	591-78-6	ND	250
Methylene Chloride	75-09-2	ND	30
4-Methyl-2-pentanone	108-10-1	ND	250
Styrene	100-42-5	ND	30
1,1,2,2-Tetrachloroethane	79-34-5	ND	30
Tetrachloroethene	127-18-4	ND	30
Toluene	**108-88-3**	**540**	**30**
1,1,1-Trichloroethane	71-55-6	ND	30
1,1,2-Trichloroethane	79-00-5	ND	30
Trichloroethene	79-01-6	ND	30
Vinyl Acetate	108-05-4	ND	250
Vinyl Chloride	75-01-4	ND	50
Xylenes, total	1330-20-7	ND	50

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: A11(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/05/90
DATE RECEIVED: 02/06/90
REPORT DATE: 02/27/90

MED-TOX LAB NO: 9002035-05A
MED-TOX JOB NO: 9002035
DATE EXTRACTED: 02/12/90
DATE ANALYZED: 02/15/90
INSTRUMENT: #11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzidine	92-87-5	ND	1600
Benzoic Acid	65-85-0	ND	1600
Benzo(a)anthracene	56-55-3	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(g,h,i)perylene	191-24-2	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzyl Alcohol	100-51-6	ND	660
Bis(2-chloroethoxy) methane	111-91-1	ND	330
Bis(2-chloroethyl)ether	111-44-4	ND	330
Bis(2-chloroisopropyl) ether	39638-32-9	ND	330
Bis(2-ethylhexyl) phthalate	117-81-7	ND	330
4-Bromophenyl phenyl ether	101-55-3	ND	330
Butylbenzyl phthalate	85-68-7	ND	330
4-Chloroaniline	106-47-8	ND	660
2-Chloronaphthalene	91-58-7	ND	330
4-Chlorophenyl phenyl ether	7005-72-3	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Dibenzofuran	132-64-9	ND	330
Di-n-butylphthalate	84-74-2	ND	330
1,2-Dichlorobenzene	95-50-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: A11(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/05/90
DATE RECEIVED: 02/06/90
REPORT DATE: 02/27/90

MED-TOX LAB NO: 9002035-05A
MED-TOX JOB NO: 9002035
DATE EXTRACTED: 02/12/90
DATE ANALYZED: 02/15/90
INSTRUMENT: #11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	330
1,4-Dichlorobenzene	106-46-7	ND	330
3,3'-Dichlorobenzidine	91-94-1	ND	660
Diethylphthalate	84-66-2	ND	330
Dimethylphthalate	131-11-3	ND	330
2,4-Dinitrotoluene	121-14-2	ND	330
2,6-Dinitrotoluene	606-20-2	ND	330
Di-n-octylphthalate	117-84-0	ND	330
1,2-Diphenylhydrazine	122-66-7	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Hexachlorobenzene	118-74-1	ND	330
Hexachlorobutadiene	87-68-3	ND	330
Hexachlorocyclopentadiene	77-47-4	ND	330
Hexachloroethane	67-72-1	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Isophorone	78-59-1	ND	330
2-Methylnaphthalene	91-57-6	ND	330
Naphthalene	91-20-3	ND	330
2-Nitroaniline	88-74-4	ND	1600
3-Nitroaniline	99-09-2	ND	1600
4-Nitroaniline	100-01-6	ND	1600
Nitrobenzene	98-95-3	ND	330
N-nitrosodimethylamine	62-75-9	ND	330
N-nitrosodiphenylamine	86-30-6	ND	330
N-nitroso-di-n-propylamine	621-64-7	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330
1,2,4-Trichlorobenzene	120-82-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: A11(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/05/90
DATE RECEIVED: 02/06/90
REPORT DATE: 02/27/90

MED-TOX LAB NO: 9002035-05A
MED-TOX JOB NO: 9002035
DATE EXTRACTED: 02/12/90
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INSTRUMENT: #11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	330
2-Chlorophenol	95-57-8	ND	330
2,4-Dichlorophenol	120-83-2	ND	330
2,4-Dimethylphenol	105-67-9	ND	330
4,6-Dinitro-2-methylphenol	534-52-1	ND	1600
2,4-Dinitrophenol	51-28-5	ND	1600
2-Methylphenol	95-48-7	ND	330
4-Methylphenol	106-44-5	ND	330
2-Nitrophenol	88-75-5	ND	330
4-Nitrophenol	100-02-7	ND	1600
Pentachlorophenol	87-86-5	ND	1600
Phenol	108-95-2	ND	330
2,4,5-Trichlorophenol	95-95-4	ND	330
2,4,6-Trichlorophenol	88-06-2	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: A18(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/05/90
DATE RECEIVED: 02/06/90
REPORT DATE: 02/27/90

MED-TOX LAB NO: 9002035-11A
MED-TOX JOB NO: 9002035
DATE EXTRACTED: 02/12/90
DATE ANALYZED: 02/15/90
INSTRUMENT: #11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzidine	92-87-5	ND	1600
Benzoic Acid	65-85-0	ND	1600
Benzo(a)anthracene	56-55-3	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(g,h,i)perylene	191-24-2	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzyl Alcohol	100-51-6	ND	660
Bis(2-chloroethoxy) methane	111-91-1	ND	330
Bis(2-chloroethyl)ether	111-44-4	ND	330
Bis(2-chloroisopropyl) ether	39638-32-9	ND	330
Bis(2-ethylhexyl) phthalate	117-81-7	ND	330
4-Bromophenyl phenyl ether	101-55-3	ND	330
Butylbenzyl phthalate	85-68-7	ND	330
4-Chloroaniline	106-47-8	ND	660
2-Chloronaphthalene	91-58-7	ND	330
4-Chlorophenyl phenyl ether	7005-72-3	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Dibenzofuran	132-64-9	ND	330
Di-n-butylphthalate	84-74-2	ND	330
1,2-Dichlorobenzene	95-50-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: A18(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/05/90
DATE RECEIVED: 02/06/90
REPORT DATE: 02/27/90

MED-TOX LAB NO: 9002035-11A
MED-TOX JOB NO: 9002035
DATE EXTRACTED: 02/12/90
DATE ANALYZED: 02/15/90
INSTRUMENT: #11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	330
1,4-Dichlorobenzene	106-46-7	ND	330
3,3'-Dichlorobenzidine	91-94-1	ND	660
Diethylphthalate	84-66-2	ND	330
Dimethylphthalate	131-11-3	ND	330
2,4-Dinitrotoluene	121-14-2	ND	330
2,6-Dinitrotoluene	606-20-2	ND	330
Di-n-octylphthalate	117-84-0	ND	330
1,2-Diphenylhydrazine	122-66-7	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Hexachlorobenzene	118-74-1	ND	330
Hexachlorobutadiene	87-68-3	ND	330
Hexachlorocyclopentadiene	77-47-4	ND	330
Hexachloroethane	67-72-1	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Isophorone	78-59-1	ND	330
2-Methylnaphthalene	91-57-6	ND	330
Naphthalene	91-20-3	ND	330
2-Nitroaniline	88-74-4	ND	1600
3-Nitroaniline	99-09-2	ND	1600
4-Nitroaniline	100-01-6	ND	1600
Nitrobenzene	98-95-3	ND	330
N-nitrosodimethylamine	62-75-9	ND	330
N-nitrosodiphenylamine	86-30-6	ND	330
N-nitroso-di-n-propylamine	621-64-7	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330
1,2,4-Trichlorobenzene	120-82-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: A18(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/05/90
DATE RECEIVED: 02/06/90
REPORT DATE: 02/27/90

MED-TOX LAB NO: 9002035-11A
MED-TOX JOB NO: 9002035
DATE EXTRACTED: 02/12/90
DATE ANALYZED: 02/15/90
INSTRUMENT: #11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	330
2-Chlorophenol	95-57-8	ND	330
2,4-Dichlorophenol	120-83-2	ND	330
2,4-Dimethylphenol	105-67-9	ND	330
4,6-Dinitro-2-methylphenol	534-52-1	ND	1600
2,4-Dinitrophenol	51-28-5	ND	1600
2-Methylphenol	95-48-7	ND	330
4-Methylphenol	106-44-5	ND	330
2-Nitrophenol	88-75-5	ND	330
4-Nitrophenol	100-02-7	ND	1600
Pentachlorophenol	87-86-5	ND	1600
Phenol	108-95-2	ND	330
2,4,5-Trichlorophenol	95-95-4	ND	330
2,4,6-Trichlorophenol	88-06-2	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C8(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/06/90
DATE RECEIVED: 02/06/90
REPORT DATE: 02/27/90

MED-TOX LAB NO: 9002035-23A
MED-TOX JOB NO: 9002035
DATE EXTRACTED: 02/12/90
DATE ANALYZED: 02/15/90
INSTRUMENT: #11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzidine	92-87-5	ND	1600
Benzoic Acid	65-85-0	ND	1600
Benzo(a)anthracene	56-55-3	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(g,h,i)perylene	191-24-2	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzyl Alcohol	100-51-6	ND	660
Bis(2-chloroethoxy) methane	111-91-1	ND	330
Bis(2-chloroethyl)ether	111-44-4	ND	330
Bis(2-chloroisopropyl) ether	39638-32-9	ND	330
Bis(2-ethylhexyl) phthalate	117-81-7	ND	330
4-Bromophenyl phenyl ether	101-55-3	ND	330
Butylbenzyl phthalate	85-68-7	ND	330
4-Chloroaniline	106-47-8	ND	660
2-Chloronaphthalene	91-58-7	ND	330
4-Chlorophenyl phenyl ether	7005-72-3	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Dibenzofuran	132-64-9	ND	330
Di-n-butylphthalate	84-74-2	ND	330
1,2-Dichlorobenzene	95-50-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C8(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/06/90
DATE RECEIVED: 02/06/90
REPORT DATE: 02/27/90

MED-TOX LAB NO: 9002035-23A
MED-TOX JOB NO: 9002035
DATE EXTRACTED: 02/12/90
DATE ANALYZED: 02/15/90
INSTRUMENT: #11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	330
1,4-Dichlorobenzene	106-46-7	ND	330
3,3'-Dichlorobenzidine	91-94-1	ND	660
Diethylphthalate	84-66-2	ND	330
Dimethylphthalate	131-11-3	ND	330
2,4-Dinitrotoluene	121-14-2	ND	330
2,6-Dinitrotoluene	606-20-2	ND	330
Di-n-octylphthalate	117-84-0	ND	330
1,2-Diphenylhydrazine	122-66-7	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Hexachlorobenzene	118-74-1	ND	330
Hexachlorobutadiene	87-68-3	ND	330
Hexachlorocyclopentadiene	77-47-4	ND	330
Hexachloroethane	67-72-1	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Isophorone	78-59-1	ND	330
2-Methylnaphthalene	91-57-6	ND	330
Naphthalene	91-20-3	ND	330
2-Nitroaniline	88-74-4	ND	1600
3-Nitroaniline	99-09-2	ND	1600
4-Nitroaniline	100-01-6	ND	1600
Nitrobenzene	98-95-3	ND	330
N-nitrosodimethylamine	62-75-9	ND	330
N-nitrosodiphenylamine	86-30-6	ND	330
N-nitroso-di-n-propylamine	621-64-7	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330
1,2,4-Trichlorobenzene	120-82-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C8(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/06/90
DATE RECEIVED: 02/06/90
REPORT DATE: 02/27/90

MED-TOX LAB NO: 9002035-23A
MED-TOX JOB NO: 9002035
DATE EXTRACTED: 02/12/90
DATE ANALYZED: 02/15/90
INSTRUMENT: #11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	330
2-Chlorophenol	95-57-8	ND	330
2,4-Dichlorophenol	120-83-2	ND	330
2,4-Dimethylphenol	105-67-9	ND	330
4,6-Dinitro-2-methylphenol	534-52-1	ND	1600
2,4-Dinitrophenol	51-28-5	ND	1600
2-Methylphenol	95-48-7	ND	330
4-Methylphenol	106-44-5	ND	330
2-Nitrophenol	88-75-5	ND	330
4-Nitrophenol	100-02-7	ND	1600
Pentachlorophenol	87-86-5	ND	1600
Phenol	108-95-2	ND	330
2,4,5-Trichlorophenol	95-95-4	ND	330
2,4,6-Trichlorophenol	88-06-2	ND	330

ND = Not Detected

CLIENT PROJECT NO: 1649
CLIENT SAMPLE ID: A16(4.0)B
DATE SAMPLED: 02/05/90
DATE RECEIVED: 02/06/90

REPORT DATE: 02/27/90
MED-TOX LAB NO: 9002035-07A
MED-TOX JOB NO: 9002035
DATE EXTRACTED: 02/12/90
DATE ANALYZED: 02/15/90
INSTRUMENT: 11

EPA METHOD 8270
POLYNUCLEAR AROMATIC HYDROCARBONS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzo(a)anthracene	56-55-3	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(ghi)perylene	191-24-2	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Naphthalene	91-20-3	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330

ND = Not Detected

CLIENT PROJECT NO: 1649
CLIENT SAMPLE ID: A19(3.0)B
DATE SAMPLED: 02/05/90
DATE RECEIVED: 02/06/90

REPORT DATE: 02/27/90
MED-TOX LAB NO: 9002035-13A
MED-TOX JOB NO: 9002035
DATE EXTRACTED: 02/12/90
DATE ANALYZED: 02/15/90
INSTRUMENT: 11

EPA METHOD 8270
POLYNUCLEAR AROMATIC HYDROCARBONS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzo(a)anthracene	56-55-3	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(ghi)perylene	191-24-2	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Naphthalene	91-20-3	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330

ND = Not Detected

CLIENT PROJECT NO: 1649
CLIENT SAMPLE ID: A12(3.5)B
DATE SAMPLED: 02/05/90
DATE RECEIVED: 02/06/90

REPORT DATE: 02/27/90
MED-TOX LAB NO: 9002035-17A
MED-TOX JOB NO: 9002035
DATE EXTRACTED: 02/12/90
DATE ANALYZED: 02/17/90
INSTRUMENT: 11

EPA METHOD 8270
POLYNUCLEAR AROMATIC HYDROCARBONS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzo(a)anthracene	56-55-3	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(ghi)perylene	191-24-2	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Naphthalene	91-20-3	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: A13(1.0)A
CLIENT JOB NO: 1649
DATE RECEIVED: 02/06/90

MED-TOX LAB NO: 9002035-01A
MED-TOX JOB NO: 9002035
REPORT DATE: 02/27/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	8.0	0.5	7060	V12
Be	Beryllium	0.5	0.2	7090	V22
Cd	Cadmium	0.2	0.2	7130	V22
Cr	Chromium	33	1	7190	V22
Cu	Copper	27	1	7210	V22
Pb	Lead	51	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	31	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	74	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: A13(4.0)B
CLIENT JOB NO: 1649
DATE RECEIVED: 02/06/90

MED-TOX LAB NO: 9002035-03A
MED-TOX JOB NO: 9002035
REPORT DATE: 02/27/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	1.6	0.5	7060	V12
Be	Beryllium	0.6	0.2	7090	V22
Cd	Cadmium	0.2	0.2	7130	V22
Cr	Chromium	44	1	7190	V22
Cu	Copper	23	1	7210	V22
Pb	Lead	7	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	36	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	71	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: A11(4.0)B
CLIENT JOB NO: 1649
DATE RECEIVED: 02/06/90

MED-TOX LAB NO: 9002035-05A
MED-TOX JOB NO: 9002035
REPORT DATE: 02/27/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	1.8	0.5	7060	V12
Be	Beryllium	0.5	0.2	7090	V22
Cd	Cadmium	0.3	0.2	7130	V22
Cr	Chromium	44	1	7190	V22
Cu	Copper	32	1	7210	V22
Pb	Lead	10	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	40	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	67	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: A16(4.0)B
CLIENT JOB NO: 1649
DATE RECEIVED: 02/06/90

MED-TOX LAB NO: 9002035-07A
MED-TOX JOB NO: 9002035
REPORT DATE: 02/27/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	0.9	0.5	7060	V12
Be	Beryllium	0.5	0.2	7090	V22
Cd	Cadmium	0.2	0.2	7130	V22
Cr	Chromium	41	1	7190	V22
Cu	Copper	25	1	7210	V22
Pb	Lead	11	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	36	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	49	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: A17(1.0)A
CLIENT JOB NO: 1649
DATE RECEIVED: 02/06/90

MED-TOX LAB NO: 9002035-08A
MED-TOX JOB NO: 9002035
REPORT DATE: 02/27/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	2.8	0.5	7060	V12
Be	Beryllium	0.4	0.2	7090	V22
Cd	Cadmium	0.5	0.2	7130	V22
Cr	Chromium	34	1	7190	V22
Cu	Copper	47	1	7210	V22
Pb	Lead	100	1	7420	V22
Hg	Mercury	0.2	0.2	7471	Hg
Ni	Nickel	39	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	110	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: A17(4.0)B
CLIENT JOB NO: 1649
DATE RECEIVED: 02/06/90

MED-TOX LAB NO: 9002035-09A
MED-TOX JOB NO: 9002035
REPORT DATE: 02/27/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	1.7	0.5	7060	V12
Be	Beryllium	0.7	0.2	7090	V22
Cd	Cadmium	0.3	0.2	7130	V22
Cr	Chromium	39	1	7190	V22
Cu	Copper	20	1	7210	V22
Pb	Lead	6	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	46	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	69	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: A18(4.0)B
CLIENT JOB NO: 1649
DATE RECEIVED: 02/06/90

MED-TOX LAB NO: 9002035-IIA
MED-TOX JOB NO: 9002035
REPORT DATE: 02/27/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	2.7	0.5	7060	V12
Be	Beryllium	0.5	0.2	7090	V22
Cd	Cadmium	0.4	0.2	7130	V22
Cr	Chromium	45	1	7190	V22
Cu	Copper	91	1	7210	V22
Pb	Lead	19	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	49	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	59	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: A19(3.0)B
CLIENT JOB NO: 1649
DATE RECEIVED: 02/06/90

MED-TOX LAB NO: 9002035-13A
MED-TOX JOB NO: 9002035
REPORT DATE: 02/27/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	0.9	0.5	7060	V12
Be	Beryllium	0.6	0.2	7090	V22
Cd	Cadmium	ND	0.2	7130	V22
Cr	Chromium	42	1	7190	V22
Cu	Copper	29	1	7210	V22
Pb	Lead	18	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	37	1	7520	V22
Se	Selenium	1	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	55	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: A20(1.0)A
CLIENT JOB NO: 1649
DATE RECEIVED: 02/06/90

MED-TOX LAB NO: 9002035-14A
MED-TOX JOB NO: 9002035
REPORT DATE: 02/27/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	3.4	0.5	7060	V12
Be	Beryllium	0.2	0.2	7090	V22
Cd	Cadmium	1.5	0.2	7130	V22
Cr	Chromium	51	1	7190	V22
Cu	Copper	640	1	7210	V22
Pb	Lead	290	1	7420	V22
Hg	Mercury	0.5	0.2	7471	Hg
Ni	Nickel	36	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	410	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: A20(2.5)B
CLIENT JOB NO: 1649
DATE RECEIVED: 02/06/90

MED-TOX LAB NO: 9002035-15A
MED-TOX JOB NO: 9002035
REPORT DATE: 02/27/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	0.9	0.5	7060	V12
Be	Beryllium	0.4	0.2	7090	V22
Cd	Cadmium	ND	0.2	7130	V22
Cr	Chromium	41	1	7190	V22
Cu	Copper	21	1	7210	V22
Pb	Lead	11	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	34	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	50	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: A12(1.0)A
CLIENT JOB NO: 1649
DATE RECEIVED: 02/06/90

MED-TOX LAB NO: 9002035-16A
MED-TOX JOB NO: 9002035
REPORT DATE: 02/27/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	8.3	0.5	7060	V12
Be	Beryllium	ND	0.2	7090	V22
Cd	Cadmium	0.7	0.2	7130	V22
Cr	Chromium	52	1	7190	V22
Cu	Copper	130	1	7210	V22
Pb	Lead	200	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	39	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	190	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: A12(3.5)B
CLIENT JOB NO: 1649
DATE RECEIVED: 02/06/90

MED-TOX LAB NO: 9002035-17A
MED-TOX JOB NO: 9002035
REPORT DATE: 02/27/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	9.6	0.5	7060	V12
Be	Beryllium	0.4	0.2	7090	V22
Cd	Cadmium	ND	0.2	7130	V22
Cr	Chromium	43	1	7190	V22
Cu	Copper	30	1	7210	V22
Pb	Lead	16	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	31	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	51	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: A21(2.5)B
CLIENT JOB NO: 1649
DATE RECEIVED: 02/06/90

MED-TOX LAB NO: 9002035-19A
MED-TOX JOB NO: 9002035
REPORT DATE: 02/27/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	0.9	0.5	7060	V12
Be	Beryllium	0.3	0.2	7090	V22
Cd	Cadmium	0.4	0.2	7130	V22
Cr	Chromium	37	1	7190	V22
Cu	Copper	340	1	7210	V22
Pb	Lead	560	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	31	1	7520	V22
Se	Selenium	1	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	320	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: A22(1.0)A
CLIENT JOB NO: 1649
DATE RECEIVED: 02/06/90

MED-TOX LAB NO: 9002035-20A
MED-TOX JOB NO: 9002035
REPORT DATE: 02/27/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	1.1	0.5	7060	V12
Be	Beryllium	ND	0.2	7090	V22
Cd	Cadmium	0.4	7.2	7130	V22
Cr	Chromium	31	1	7190	V22
Cu	Copper	120	1	7210	V22
Pb	Lead	130	1	7420	V22
Hg	Mercury	1.9	0.2	7471	Hg
Ni	Nickel	33	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	120	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: A22(4.0)B
CLIENT JOB NO: 1649
DATE RECEIVED: 02/06/90

MED-TOX LAB NO: 9002035-21A
MED-TOX JOB NO: 9002035
REPORT DATE: 02/27/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	ND	0.5	7060	V12
Be	Beryllium	0.3	0.2	7090	V22
Cd	Cadmium	ND	0.2	7130	V22
Cr	Chromium	35	1	7190	V22
Cu	Copper	40	1	7210	V22
Pb	Lead	39	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	31	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	48	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: C8(4.0)B
CLIENT JOB NO: 1649
DATE RECEIVED: 02/06/90

MED-TOX LAB NO: 9002035-23A
MED-TOX JOB NO: 9002035
REPORT DATE: 02/27/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	1.3	0.5	7060	V12
Be	Beryllium	0.4	0.2	7090	V22
Cd	Cadmium	0.3	0.2	7130	V22
Cr	Chromium	33	1	7190	V22
Cu	Copper	29	1	7210	V22
Pb	Lead	27	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	38	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	68	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: C14(4.0)B
CLIENT JOB NO: 1649
DATE RECEIVED: 02/06/90

MED-TOX LAB NO: 9002035-25A
MED-TOX JOB NO: 9002035
REPORT DATE: 02/27/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	ND	0.5	7060	V12
Be	Beryllium	ND	0.2	7090	V22
Cd	Cadmium	ND	0.2	7130	V22
Cr	Chromium	33	1	7190	V22
Cu	Copper	29	1	7210	V22
Pb	Lead	27	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	38	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	27	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

MED-TOX ASSOCIATES, INC

LABORATORY REPORT

LEVINE-FRICKE
1900 POWELL ST., 12TH FLOOR
EMERYVILLE, CA 94608
ATTN: AMANDA SPENCER

REPORT DATE: February 12, 1990
SAMPLES RECEIVED: 2/8/90
MED-TOX JOB NO:7L7381-5/WP81
PURCHASE ORDER NO:9002035

ANALYSIS: ASBESTOS IN BULK SAMPLES

METHOD: PLM (POLARIZED LIGHT MICROSCOPY/DISPERSION STAINING)
EPA 600/M4-82-020

EPA ACCREDITATION NUMBER 9284

Sample Identification Client	Lab No.	Brief Physical Description	Chrysotile Asbestos Percent	Amphibole Asbestos Percent
11(4.0)B	A5621	Dark brown soil#	ND(1)	ND(1)
16(1.0)A	A5622	Dark brown soil#	ND(1)	ND(1)
16(4.0)B	A5623	Dark brown soil#	ND(1)	ND(1)
17(1.0)A	A5624	Dark brown soil#	ND(1)	ND(1)
17(4.0)B	A5625	Dark brown soil#	ND(1)	ND(1)

Melany Furimsky — 2-12-90 — Don Lyons

Melany Furimsky
Laboratory Analyst

Date

Don Lyons
Laboratory Manager

NOTES:
"ND(1)" means no asbestos detected; method detection limit is 1%.
"Trace" means asbestos identified in sample; concentration less than method detection limit of 1%.
Amphibole asbestos includes amosite, crocidolite, anthophyllite, tremolite and actinolite.
#Soils and slurry-based materials (e.g. spray-on and troweled-on materials can be inhomogeneous due to the nature of their preparation.

1229 Morena Boulevard, San Diego, California 92110 (619) 276-8843

R-4, -J

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

9002035

Project No.: 1649	Field Logbook No.:	Date: 2/6/90	Serial No.: № 6075
Project Name: SFPRC - Yerba Buena	Project Location: Emeryville + Oakland, CA		
Sampler (Signature): CK Good			Samplers: CKG

SAMPLES / ANALYSES

	SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CONTAINERS	SAMPLE TYPE	8100	8010 EPA 601	8240 EPA 624	8270	8015 TPH Gas	8015 TPH Diesel +	13 PP Metals	HOLD	RUSH	~~BTXE~~	TPH	8020	REMARKS
A	13(1.0)A	2/5	10:25	01A	1	Soil							X						PCB's only (8080)
A	13(2.0)		10:30	02A										X					per Suzanne Silvera
A	13(4.0)B		10:45	03A				X				X	X						
A	11(1.0)A		11:00	04A										X		X			
A	11(4.0)B		11:05	05A					X	X		X	X			X			
A	16(1.0)A		1:15	06A												X			
A	16(4.0)B		1:30	07A			X					X	X			X			
A	17(1.0)A		11:45	08A									X			X			
A	17(4.0)B		11:50	09A				X					X			X			
A	18(1.0)A		12:00	10A										X					
A	18(4.0)B		12:10	11A					X	X	X		X						
A	19(1.0)A		2:50	12A				X											
A	19(3.0)B		3:05	13A			X	X				X	X				X		
A	20(1.0)A		1:50	14A									X						
A	20(2.5)B	↓	2:00	15A	↓	↓						X	X				X		

RELINQUISHED BY: (Signature) Christopher K Good	DATE 2/6/90	TIME 1245	RECEIVED BY: (Signature) Larry Lagunzad	DATE 2-6-90	TIME 1248
RELINQUISHED BY: (Signature) Larry Lagunzad	DATE 2-6-90	TIME 405	RECEIVED BY: (Signature) Dalton St John	DATE 2/6/90	TIME 4:05
RELINQUISHED BY: (Signature) D St John	DATE 2/6/90	TIME 4:45	RECEIVED BY: (Signature) Denise Harrington	DATE 2/6/90	TIME 1645
METHOD OF SHIPMENT:	DATE	TIME	LAB COMMENTS:		

Sample Collector: LEVINE-FRICKE 1900 Powell Street, 12th Floor Emeryville, Ca 94608 (415) 652-4500	Analytical Laboratory: Med Tox

Shipping Copy (White) Lab Copy (Green) File Copy (Yellow) Field Copy (Pink) FORM NO. 86/COC/ARF

9002035

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

Project No.: 1649	Field Logbook No.:	Date:	Serial No.: № 7176
Project Name: SFPRC - YERBA BUENA	Project Location: Emeryville & Oakland, CA		
Sampler (Signature): CKGood			Samplers: KG

SAMPLES / **ANALYSES**

SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CON-TAINERS	SAMPLE TYPE	5100	8010 EPA 601	8240 EPA 624	8270	5015 TPH Gas	5015 TPH Diesel	Priority Metals	HOLD	RUSH	Asbestos	PH	8150	REMARKS
12(1.0)A	2/5	3:25	16A	1	Soil		X				X	X						
12(3.5)B		3:30	17A			X	X				X	X					X	
21(1.0)A		2:25	18A										X					
21(2.5)B		2:30	19A								X	X						
22(1.0)A		12:25	20A				X				X	X						
22(4.0)B	↓	12:35	21A				X				X	X						
C8(1.0)A	2/6	10:00	22A										X					
C8(4.0)B		10:15	23A					X	X		X	X						
C14(1.0)A		10:20	24A										X					
C14(4.0)B		10:30	25A								X	X						
D15(1.0)A		11:00	26A										X					
D15(3.5)B		11:10	27A										X					
D15(9.0)C	↓	11:20	28A										X					

RELINQUISHED BY: (Signature) Christopher Good	DATE 2/6/90	TIME 12:45	RECEIVED BY: (Signature) Lan Lazunzo...	DATE 2-6-90	TIME 12:48
RELINQUISHED BY: (Signature) Lan Lazunzo...	DATE 2-6-90	TIME 405	RECEIVED BY: (Signature) LaVon St John	DATE 2/6/90	TIME 4:05
RELINQUISHED BY: (Signature) L St John	DATE 2/6/90	TIME 4:45	RECEIVED BY: (Signature) Denise Harrington	DATE 2/6/90	TIME 1645
METHOD OF SHIPMENT:	DATE	TIME	LAB COMMENTS:		

Sample Collector: LEVINE-FRICKE 1900 Powell Street, 12th Floor Emeryville, Ca 94608 (415) 652-4500	Analytical Laboratory: Med Tox

Shipping Copy (White) Lab Copy (Green) File Copy (Yellow) Field Copy (Pink) FORM NO. 86/COC/ARF

FILE
16-7

MED-TOX ASSOCIATES, INC.

ENVIRONMENTAL & OCCUPATIONAL HEALTH SERVICES

3440 Vincent Road Pleasant Hill, CA 94523 • (415) 930-9090 • FAX# (415) 930-0256

LABORATORY ANALYSIS REPORT

LEVINE-FRICKE
1900 POWELL ST., 12TH FL.
EMERYVILLE, CA 94608

ATTN: AMANDA SPENCER

CLIENT PROJECT NO: 1649

REPORT DATE: 03/12/90

DATE SAMPLED: 02/07-08/90

DATE RECEIVED: 02/09/90

MED-TOX JOB NO: 9002062, 9002063

ANALYSIS OF: WATER AND SOIL SAMPLES FOR EXTRACTABLE AND PURGEABLE HYDROCARBONS, LEAD, pH, BTXE, POLYCHLORINATED BIPHENYLS, GC/MS VOLATILE ORGANICS, BASE/NEUTRAL AND ACID EXTRACTABLES, AND PRIORITY POLLUTANT METALS

See attached for results

RECEIVED
MAR 14 1990
LEVINE-FRICKE

Michael Lynch, Manager
Organic Laboratory

Results FAXed to Amanda Spencer 02/15/90, 02/22/90, 02/26/90, 03/05/90 & 03/06/90

LEVINE-FRICKE

CLIENT PROJECT NO: 1649
MED-TOX JOB NO: 9002062
DATE SAMPLED: 02/07-08/90
DATE EXTRACTED: 02/21/90
DATE RECEIVED: 02/09/90
DATE ANALYZED: 02/13-03/05/90
REPORT DATE: 03/12/90

Sample Identification Client Id.	Lab No.	Extractable Hydrocarbons as Diesel (mg/kg)	Extractable Hydrocarbons as Waste Oil (mg/kg)	Purgeable Hydrocarbons as Gasoline (mg/kg)	Lead (mg/kg)	pH (S.U.)
C23(10.0)C	03A	ND	ND	--	--	7.4
C27(10.0)C	07A	ND	ND	ND	--	--
C17(1.0)A	09A	ND	60	--	--	8.2
C17(4.0)B	10A	ND	ND	--	--	6.7
C17(9.0)C	11A	ND	ND	--	--	6.6
C21(4.0)B	15A	--	--	--	--	7.3
C21(8.0)C	16A	--	--	--	--	8.5
C21(13.0)	17A	--	--	--	--	7.4
C9(3.5)B	19A	--	--	--	5	--
C9(9.0)C	20A	--	--	--	3	--
C10(4.0)B	23A	--	--	--	5	--
C10(9.5)C	24A	--	--	--	4	--
C11(4.0)B	27A	ND	ND	ND	--	--
C18(3.5)B	30A	ND	ND	--	--	7.2
C20(3.0)	33A	--	--	--	10	--
Detection Limit		10	20	0.2	1	NA
EPA Method		8015	8015	8015	7420	9045
Instrument		1	1	1	V22	ISE

ND = Not Detected
NA = Not Applicable

LEVINE-FRICKE

CLIENT ID: C19(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/08/90
DATE RECEIVED: 02/09/90

REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-13A
MED-TOX JOB NO: 9002062
DATE EXTRACTED: 02/21/90
DATE ANALYZED: 02/13-03/05/90
INSTRUMENT: 9, 1

BTXE AND HYDROCARBONS

METHOD: EPA 8020, 8015 (PURGE & TRAP AND EXTRACTION)

	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Benzene	ND	1
Toluene	78	1
Ethylbenzene	ND	1
Xylenes	ND	3
PURGEABLE HYDROCARBONS AS:		
Gasoline	0.2 mg/kg	0.2 mg/kg
EXTRACTABLE HYDROCARBONS AS:		
Diesel	ND mg/kg	10 mg/kg
Waste Oil	2,600 mg/kg	20 mg/kg

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C9(3.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/08/90
DATE RECEIVED: 02/09/90

REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-19A
MED-TOX JOB NO: 9002062
DATE EXTRACTED: 02/21/90
DATE ANALYZED: 02/13-23/90
INSTRUMENT: 9, 1

BTXE AND HYDROCARBONS

METHOD: EPA 8020, 8015 (PURGE & TRAP AND EXTRACTION)

	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Benzene	ND	1
Toluene	ND	1
Ethylbenzene	ND	1
Xylenes	ND	3
PURGEABLE HYDROCARBONS AS:		
Gasoline	ND mg/kg	0.2 mg/kg
EXTRACTABLE HYDROCARBONS AS:		
Diesel	ND mg/kg	10 mg/kg
Waste Oil	ND mg/kg	20 mg/kg

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C9(9.0)C
CLIENT JOB NO: 1649
DATE SAMPLED: 02/08/90
DATE RECEIVED: 02/09/90

REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-20A
MED-TOX JOB NO: 9002062
DATE EXTRACTED: 02/21/90
DATE ANALYZED: 02/13-23/90
INSTRUMENT: 9, 1

BTXE AND HYDROCARBONS

METHOD: EPA 8020, 8015 (PURGE & TRAP AND EXTRACTION)

	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Benzene	ND	1
Toluene	ND	1
Ethylbenzene	ND	1
Xylenes	ND	3
PURGEABLE HYDROCARBONS AS:		
Gasoline	ND mg/kg	0.2 mg/kg
EXTRACTABLE HYDROCARBONS AS:		
Diesel	ND mg/kg	10 mg/kg
Waste Oil	ND mg/kg	20 mg/kg

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C10(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/08/90
DATE RECEIVED: 02/09/90

REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-23A
MED-TOX JOB NO: 9002062
DATE EXTRACTED: 02/21/90
DATE ANALYZED: 02/13-23/90
INSTRUMENT: 9, 1

BTXE AND HYDROCARBONS

METHOD: EPA 8020, 8015 (PURGE & TRAP AND EXTRACTION)

	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Benzene	ND	1
Toluene	45	1
Ethylbenzene	ND	1
Xylenes	ND	3
PURGEABLE HYDROCARBONS AS:		
Gasoline	ND mg/kg	0.2 mg/kg
EXTRACTABLE HYDROCARBONS AS:		
Diesel	ND mg/kg	10 mg/kg
Waste Oil	ND mg/kg	20 mg/kg

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C10(9.5)C
CLIENT JOB NO: 1649
DATE SAMPLED: 02/08/90
DATE RECEIVED: 02/09/90

REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-24A
MED-TOX JOB NO: 9002062
DATE EXTRACTED: 02/21/90
DATE ANALYZED: 02/14-23/90
INSTRUMENT: 9, 1

BTXE AND HYDROCARBONS

METHOD: EPA 8020, 8015 (PURGE & TRAP AND EXTRACTION)

	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Benzene	ND	1
Toluene	ND	1
Ethylbenzene	ND	1
Xylenes	ND	3
PURGEABLE HYDROCARBONS AS:		
Gasoline	ND mg/kg	0.2 mg/kg
EXTRACTABLE HYDROCARBONS AS:		
Diesel	ND mg/kg	10 mg/kg
Waste Oil	ND mg/kg	20 mg/kg

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C20(3.0)
CLIENT JOB NO: 1649
DATE SAMPLED: 02/07/90
DATE RECEIVED: 02/09/90

REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-33A
MED-TOX JOB NO: 9002062
DATE EXTRACTED: 02/21/90
DATE ANALYZED: 02/14-23/90
INSTRUMENT: 9, 1

BTXE AND HYDROCARBONS

METHOD: EPA 8020, 8015 (PURGE & TRAP AND EXTRACTION)

	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Benzene	ND	1
Toluene	27	1
Ethylbenzene	ND	1
Xylenes	ND	3
PURGEABLE HYDROCARBONS AS:		
Gasoline	ND mg/kg	0.2 mg/kg
EXTRACTABLE HYDROCARBONS AS:		
Diesel	ND mg/kg	10 mg/kg
Waste Oil	ND mg/kg	20 mg/kg

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C21(1.0)A
CLIENT JOB NO: 1649
DATE SAMPLED: 02/08/90
DATE RECEIVED: 02/09/90
REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-14A
MED-TOX JOB NO: 9002062
DATE EXTRACTED: 02/15/90
DATE ANALYZED: 02/15/90
INSTRUMENT: 2

EPA METHOD 8080

POLYCHLORINATED BIPHENYLS

AROCLOR	CAS #	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)
Aroclor 1016	12674-11-2	ND	0.05
Aroclor 1221	11104-28-2	ND	0.05
Aroclor 1232	11141-16-5	ND	0.05
Aroclor 1242	53469-21-9	ND	0.05
Aroclor 1248	12672-29-6	ND	0.05
Aroclor 1254	11097-69-1	ND	0.05
Aroclor 1260	11096-82-5	0.2	0.05

ND = Not Detected

Analytical Method: EPA 8080, SW-846 3rd Edition, 1986

LEVINE-FRICKE

CLIENT ID: C23(10.0)C
CLIENT JOB NO: 1649
DATE SAMPLED: 02/07/90
DATE RECEIVED: 02/09/90
REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-03A
MED-TOX JOB NO: 9002062
DATE ANALYZED: 02/20/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	540-59-0	ND	5
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	**108-88-3**	**6**	5
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C27(3.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/07/90
DATE RECEIVED: 02/09/90
REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-06A
MED-TOX JOB NO: 9002062
DATE ANALYZED: 02/20/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	540-59-0	ND	5
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	**108-88-3**	**15**	**5**
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C27(10.0)C
CLIENT JOB NO: 1649
DATE SAMPLED: 02/07/90
DATE RECEIVED: 02/09/90
REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-07A
MED-TOX JOB NO: 9002062
DATE ANALYZED: 02/20/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	540-59-0	ND	5
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	**108-88-3**	**14**	**5**
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C17(1.0)A
CLIENT JOB NO: 1649
DATE SAMPLED: 02/08/90
DATE RECEIVED: 02/09/90
REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-09A
MED-TOX JOB NO: 9002062
DATE ANALYZED: 02/20-21/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	500
Benzene	71-43-2	ND	30
Bromodichloromethane	75-27-4	ND	30
Bromoform	75-25-2	ND	30
Bromomethane	74-83-9	ND	50
2-Butanone	78-93-3	ND	500
Carbon Disulfide	75-15-0	ND	50
Carbon Tetrachloride	56-23-5	ND	30
Chlorobenzene	108-90-7	ND	30
Chloroethane	75-00-3	ND	50
2-Chloroethyl Vinyl Ether	110-75-8	ND	50
Chloroform	67-66-3	ND	30
Chloromethane	74-87-3	ND	50
Dibromochloromethane	124-48-1	ND	30
1,1-Dichloroethane	75-34-3	ND	30
1,2-Dichloroethane	107-06-2	ND	30
1,1-Dichloroethene	75-35-4	ND	30
1,2-Dichloroethene, total	540-59-0	ND	30
1,2-Dichloropropane	78-87-5	ND	30
cis-1,3-Dichloropropene	10061-01-5	ND	30
trans-1,3-Dichloropropene	10061-02-6	ND	30
Ethylbenzene	100-41-4	ND	30
2-Hexanone	591-78-6	ND	250
Methylene Chloride	75-09-2	ND	30
4-Methyl-2-pentanone	108-10-1	ND	250
Styrene	100-42-5	ND	30
1,1,2,2-Tetrachloroethane	79-34-5	ND	30
Tetrachloroethene	127-18-4	ND	30
Toluene	**108-88-3**	**180**	**30**
1,1,1-Trichloroethane	71-55-6	ND	30
1,1,2-Trichloroethane	79-00-5	ND	30
Trichloroethene	79-01-6	ND	30
Vinyl Acetate	108-05-4	ND	250
Vinyl Chloride	75-01-4	ND	50
Xylenes, total	1330-20-7	ND	50

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C17(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/08/90
DATE RECEIVED: 02/09/90
REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-10A
MED-TOX JOB NO: 9002062
DATE ANALYZED: 02/20/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	**540-59-0**	**34**	**5**
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	**108-88-3**	**6**	**5**
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C17(9.0)C
CLIENT JOB NO: 1649
DATE SAMPLED: 02/08/90
DATE RECEIVED: 02/09/90
REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-11A
MED-TOX JOB NO: 9002062
DATE ANALYZED: 02/20-21/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	**540-59-0**	**39**	5
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	**108-88-3**	**33**	5
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	**79-01-6**	**240**	5
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C19(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/08/90
DATE RECEIVED: 02/09/90
REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-13A
MED-TOX JOB NO: 9002062
DATE ANALYZED: 02/20-21/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	500
Benzene	71-43-2	ND	30
Bromodichloromethane	75-27-4	ND	30
Bromoform	75-25-2	ND	30
Bromomethane	74-83-9	ND	50
2-Butanone	78-93-3	ND	500
Carbon Disulfide	75-15-0	ND	50
Carbon Tetrachloride	56-23-5	ND	30
Chlorobenzene	108-90-7	ND	30
Chloroethane	75-00-3	ND	50
2-Chloroethyl Vinyl Ether	110-75-8	ND	50
Chloroform	67-66-3	ND	30
Chloromethane	74-87-3	ND	50
Dibromochloromethane	124-48-1	ND	30
1,1-Dichloroethane	75-34-3	ND	30
1,2-Dichloroethane	107-06-2	ND	30
1,1-Dichloroethene	75-35-4	ND	30
1,2-Dichloroethene, total	540-59-0	ND	30
1,2-Dichloropropane	78-87-5	ND	30
cis-1,3-Dichloropropene	10061-01-5	ND	30
trans-1,3-Dichloropropene	10061-02-6	ND	30
Ethylbenzene	100-41-4	ND	30
2-Hexanone	591-78-6	ND	250
Methylene Chloride	75-09-2	ND	30
4-Methyl-2-pentanone	108-10-1	ND	250
Styrene	100-42-5	ND	30
1,1,2,2-Tetrachloroethane	79-34-5	ND	30
Tetrachloroethene	127-18-4	ND	30
Toluene	**108-88-3**	**52**	**30**
1,1,1-Trichloroethane	71-55-6	ND	30
1,1,2-Trichloroethane	79-00-5	ND	30
Trichloroethene	79-01-6	ND	30
Vinyl Acetate	108-05-4	ND	250
Vinyl Chloride	75-01-4	ND	50
Xylenes, total	1330-20-7	ND	50

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C21(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/08/90
DATE RECEIVED: 02/09/90
REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-15A
MED-TOX JOB NO: 9002062
DATE ANALYZED: 02/20/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	540-59-0	ND	5
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	**108-88-3**	**78**	**5**
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C21(8.0)C
CLIENT JOB NO: 1649
DATE SAMPLED: 02/08/90
DATE RECEIVED: 02/09/90
REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-16A
MED-TOX JOB NO: 9002062
DATE ANALYZED: 02/20/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	**540-59-0**	**22**	**5**
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	**108-88-3**	**73**	**5**
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C21(13.0)
CLIENT JOB NO: 1649
DATE SAMPLED: 02/08/90
DATE RECEIVED: 02/09/90
REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-17A
MED-TOX JOB NO: 9002062
DATE ANALYZED: 02/20-21/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	**540-59-0**	**34**	**5**
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	10
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	**108-88-3**	**120**	**5**
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	**79-01-6**	**180**	**5**
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C18(3.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/07/90
DATE RECEIVED: 02/09/90
REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-30A
MED-TOX JOB NO: 9002062
DATE ANALYZED: 02/21/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	540-59-0	ND	5
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	**108-88-3**	**85**	5
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C23(10.0)C
CLIENT JOB NO: 1649
DATE SAMPLED: 02/07/90
DATE RECEIVED: 02/09/90
REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-03A
MED-TOX JOB NO: 9002062
DATE EXTRACTED: 02/21/90
DATE ANALYZED: 02/23/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzidine	92-87-5	ND	1600
Benzoic Acid	65-85-0	ND	1600
Benzo(a)anthracene	56-55-3	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(g,h,i)perylene	191-24-2	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzyl Alcohol	100-51-6	ND	660
Bis(2-chloroethoxy) methane	111-91-1	ND	330
Bis(2-chloroethyl)ether	111-44-4	ND	330
Bis(2-chloroisopropyl) ether	39638-32-9	ND	330
Bis(2-ethylhexyl) phthalate	117-81-7	ND	330
4-Bromophenyl phenyl ether	101-55-3	ND	330
Butylbenzyl phthalate	85-68-7	ND	330
4-Chloroaniline	106-47-8	ND	660
2-Chloronaphthalene	91-58-7	ND	330
4-Chlorophenyl phenyl ether	7005-72-3	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Dibenzofuran	132-64-9	ND	330
Di-n-butylphthalate	84-74-2	ND	330
1,2-Dichlorobenzene	95-50-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C23(10.0)C
CLIENT JOB NO: 1649
DATE SAMPLED: 02/07/90
DATE RECEIVED: 02/09/90
REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-03A
MED-TOX JOB NO: 9002062
DATE EXTRACTED: 02/21/90
DATE ANALYZED: 02/23/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	330
1,4-Dichlorobenzene	106-46-7	ND	330
3,3'-Dichlorobenzidine	91-94-1	ND	660
Diethylphthalate	84-66-2	ND	330
Dimethylphthalate	131-11-3	ND	330
2,4-Dinitrotoluene	121-14-2	ND	330
2,6-Dinitrotoluene	606-20-2	ND	330
Di-n-octylphthalate	117-84-0	ND	330
1,2-Diphenylhydrazine	122-66-7	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Hexachlorobenzene	118-74-1	ND	330
Hexachlorobutadiene	87-68-3	ND	330
Hexachlorocyclopentadiene	77-47-4	ND	330
Hexachloroethane	67-72-1	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Isophorone	78-59-1	ND	330
2-Methylnaphthalene	91-57-6	ND	330
Naphthalene	91-20-3	ND	330
2-Nitroaniline	88-74-4	ND	1600
3-Nitroaniline	99-09-2	ND	1600
4-Nitroaniline	100-01-6	ND	1600
Nitrobenzene	98-95-3	ND	330
N-nitrosodimethylamine	62-75-9	ND	330
N-nitrosodiphenylamine	86-30-6	ND	330
N-nitroso-di-n-propylamine	621-64-7	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330
1,2,4-Trichlorobenzene	120-82-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C23(10.0)C
CLIENT JOB NO: 1649
DATE SAMPLED: 02/07/90
DATE RECEIVED: 02/09/90
REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-03A
MED-TOX JOB NO: 9002062
DATE EXTRACTED: 02/21/90
DATE ANALYZED: 02/23/90
INSTRUMENT: 11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	330
2-Chlorophenol	95-57-8	ND	330
2,4-Dichlorophenol	120-83-2	ND	330
2,4-Dimethylphenol	105-67-9	ND	330
4,6-Dinitro-2-methylphenol	534-52-1	ND	1600
2,4-Dinitrophenol	51-28-5	ND	1600
2-Methylphenol	95-48-7	ND	330
4-Methylphenol	106-44-5	ND	330
2-Nitrophenol	88-75-5	ND	330
4-Nitrophenol	100-02-7	ND	1600
Pentachlorophenol	87-86-5	ND	1600
Phenol	108-95-2	ND	330
2,4,5-Trichlorophenol	95-95-4	ND	330
2,4,6-Trichlorophenol	88-06-2	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C27(3.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/07/90
DATE RECEIVED: 02/09/90
REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-06A
MED-TOX JOB NO: 9002062
DATE EXTRACTED: 02/21/90
DATE ANALYZED: 02/23/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzidine	92-87-5	ND	1600
Benzoic Acid	65-85-0	ND	1600
Benzo(a)anthracene	56-55-3	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(g,h,i)perylene	191-24-2	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzyl Alcohol	100-51-6	ND	660
Bis(2-chloroethoxy) methane	111-91-1	ND	330
Bis(2-chloroethyl)ether	111-44-4	ND	330
Bis(2-chloroisopropyl) ether	39638-32-9	ND	330
Bis(2-ethylhexyl) phthalate	117-81-7	ND	330
4-Bromophenyl phenyl ether	101-55-3	ND	330
Butylbenzyl phthalate	85-68-7	ND	330
4-Chloroaniline	106-47-8	ND	660
2-Chloronaphthalene	91-58-7	ND	330
4-Chlorophenyl phenyl ether	7005-72-3	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Dibenzofuran	132-64-9	ND	330
Di-n-butylphthalate	84-74-2	ND	330
1,2-Dichlorobenzene	95-50-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C27(3.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/07/90
DATE RECEIVED: 02/09/90
REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-06A
MED-TOX JOB NO: 9002062
DATE EXTRACTED: 02/21/90
DATE ANALYZED: 02/23/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	330
1,4-Dichlorobenzene	106-46-7	ND	330
3,3'-Dichlorobenzidine	91-94-1	ND	660
Diethylphthalate	84-66-2	ND	330
Dimethylphthalate	131-11-3	ND	330
2,4-Dinitrotoluene	121-14-2	ND	330
2,6-Dinitrotoluene	606-20-2	ND	330
Di-n-octylphthalate	117-84-0	ND	330
1,2-Diphenylhydrazine	122-66-7	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Hexachlorobenzene	118-74-1	ND	330
Hexachlorobutadiene	87-68-3	ND	330
Hexachlorocyclopentadiene	77-47-4	ND	330
Hexachloroethane	67-72-1	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Isophorone	78-59-1	ND	330
2-Methylnaphthalene	91-57-6	ND	330
Naphthalene	91-20-3	ND	330
2-Nitroaniline	88-74-4	ND	1600
3-Nitroaniline	99-09-2	ND	1600
4-Nitroaniline	100-01-6	ND	1600
Nitrobenzene	98-95-3	ND	330
N-nitrosodimethylamine	62-75-9	ND	330
N-nitrosodiphenylamine	86-30-6	ND	330
N-nitroso-di-n-propylamine	621-64-7	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330
1,2,4-Trichlorobenzene	120-82-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C27(3.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/07/90
DATE RECEIVED: 02/09/90
REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-06A
MED-TOX JOB NO: 9002062
DATE EXTRACTED: 02/21/90
DATE ANALYZED: 02/23/90
INSTRUMENT: 11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	330
2-Chlorophenol	95-57-8	ND	330
2,4-Dichlorophenol	120-83-2	ND	330
2,4-Dimethylphenol	105-67-9	ND	330
4,6-Dinitro-2-methylphenol	534-52-1	ND	1600
2,4-Dinitrophenol	51-28-5	ND	1600
2-Methylphenol	95-48-7	ND	330
4-Methylphenol	106-44-5	ND	330
2-Nitrophenol	88-75-5	ND	330
4-Nitrophenol	100-02-7	ND	1600
Pentachlorophenol	87-86-5	ND	1600
Phenol	108-95-2	ND	330
2,4,5-Trichlorophenol	95-95-4	ND	330
2,4,6-Trichlorophenol	88-06-2	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C27(10.0)C
CLIENT JOB NO: 1649
DATE SAMPLED: 02/07/90
DATE RECEIVED: 02/09/90
REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-07A
MED-TOX JOB NO: 9002062
DATE EXTRACTED: 02/21/90
DATE ANALYZED: 02/23/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzidine	92-87-5	ND	1600
Benzoic Acid	65-85-0	ND	1600
Benzo(a)anthracene	56-55-3	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(g,h,i)perylene	191-24-2	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzyl Alcohol	100-51-6	ND	660
Bis(2-chloroethoxy) methane	111-91-1	ND	330
Bis(2-chloroethyl)ether	111-44-4	ND	330
Bis(2-chloroisopropyl) ether	39638-32-9	ND	330
Bis(2-ethylhexyl) phthalate	117-81-7	ND	330
4-Bromophenyl phenyl ether	101-55-3	ND	330
Butylbenzyl phthalate	85-68-7	ND	330
4-Chloroaniline	106-47-8	ND	660
2-Chloronaphthalene	91-58-7	ND	330
4-Chlorophenyl phenyl ether	7005-72-3	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Dibenzofuran	132-64-9	ND	330
Di-n-butylphthalate	84-74-2	ND	330
1,2-Dichlorobenzene	95-50-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C27(10.0)C
CLIENT JOB NO: 1649
DATE SAMPLED: 02/07/90
DATE RECEIVED: 02/09/90
REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-07A
MED-TOX JOB NO: 9002062
DATE EXTRACTED: 02/21/90
DATE ANALYZED: 02/23/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	330
1,4-Dichlorobenzene	106-46-7	ND	330
3,3'-Dichlorobenzidine	91-94-1	ND	660
Diethylphthalate	84-66-2	ND	330
Dimethylphthalate	131-11-3	ND	330
2,4-Dinitrotoluene	121-14-2	ND	330
2,6-Dinitrotoluene	606-20-2	ND	330
Di-n-octylphthalate	117-84-0	ND	330
1,2-Diphenylhydrazine	122-66-7	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Hexachlorobenzene	118-74-1	ND	330
Hexachlorobutadiene	87-68-3	ND	330
Hexachlorocyclopentadiene	77-47-4	ND	330
Hexachloroethane	67-72-1	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Isophorone	78-59-1	ND	330
2-Methylnaphthalene	91-57-6	ND	330
Naphthalene	91-20-3	ND	330
2-Nitroaniline	88-74-4	ND	1600
3-Nitroaniline	99-09-2	ND	1600
4-Nitroaniline	100-01-6	ND	1600
Nitrobenzene	98-95-3	ND	330
N-nitrosodimethylamine	62-75-9	ND	330
N-nitrosodiphenylamine	86-30-6	ND	330
N-nitroso-di-n-propylamine	621-64-7	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330
1,2,4-Trichlorobenzene	120-82-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C27(10.0)C
CLIENT JOB NO: 1649
DATE SAMPLED: 02/07/90
DATE RECEIVED: 02/09/90
REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-07A
MED-TOX JOB NO: 9002062
DATE EXTRACTED: 02/21/90
DATE ANALYZED: 02/23/90
INSTRUMENT: 11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	330
2-Chlorophenol	95-57-8	ND	330
2,4-Dichlorophenol	120-83-2	ND	330
2,4-Dimethylphenol	105-67-9	ND	330
4,6-Dinitro-2-methylphenol	534-52-1	ND	1600
2,4-Dinitrophenol	51-28-5	ND	1600
2-Methylphenol	95-48-7	ND	330
4-Methylphenol	106-44-5	ND	330
2-Nitrophenol	88-75-5	ND	330
4-Nitrophenol	100-02-7	ND	1600
Pentachlorophenol	87-86-5	ND	1600
Phenol	108-95-2	ND	330
2,4,5-Trichlorophenol	95-95-4	ND	330
2,4,6-Trichlorophenol	88-06-2	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C17(1.0)A
CLIENT JOB NO: 1649
DATE SAMPLED: 02/08/90
DATE RECEIVED: 02/09/90
REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-09A
MED-TOX JOB NO: 9002062
DATE EXTRACTED: 02/21/90
DATE ANALYZED: 02/23/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzidine	92-87-5	ND	1600
Benzoic Acid	65-85-0	ND	1600
Benzo(a)anthracene	56-55-3	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(g,h,i)perylene	191-24-2	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzyl Alcohol	100-51-6	ND	660
Bis(2-chloroethoxy) methane	111-91-1	ND	330
Bis(2-chloroethyl)ether	111-44-4	ND	330
Bis(2-chloroisopropyl) ether	39638-32-9	ND	330
Bis(2-ethylhexyl) phthalate	117-81-7	ND	330
4-Bromophenyl phenyl ether	101-55-3	ND	330
Butylbenzyl phthalate	85-68-7	ND	330
4-Chloroaniline	106-47-8	ND	660
2-Chloronaphthalene	91-58-7	ND	330
4-Chlorophenyl phenyl ether	7005-72-3	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Dibenzofuran	132-64-9	ND	330
Di-n-butylphthalate	84-74-2	ND	330
1,2-Dichlorobenzene	95-50-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C17(1.0)A
CLIENT JOB NO: 1649
DATE SAMPLED: 02/08/90
DATE RECEIVED: 02/09/90
REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-09A
MED-TOX JOB NO: 9002062
DATE EXTRACTED: 02/21/90
DATE ANALYZED: 02/23/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	330
1,4-Dichlorobenzene	106-46-7	ND	330
3,3'-Dichlorobenzidine	91-94-1	ND	660
Diethylphthalate	84-66-2	ND	330
Dimethylphthalate	131-11-3	ND	330
2,4-Dinitrotoluene	121-14-2	ND	330
2,6-Dinitrotoluene	606-20-2	ND	330
Di-n-octylphthalate	117-84-0	ND	330
1,2-Diphenylhydrazine	122-66-7	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Hexachlorobenzene	118-74-1	ND	330
Hexachlorobutadiene	87-68-3	ND	330
Hexachlorocyclopentadiene	77-47-4	ND	330
Hexachloroethane	67-72-1	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Isophorone	78-59-1	ND	330
2-Methylnaphthalene	91-57-6	ND	330
Naphthalene	91-20-3	ND	330
2-Nitroaniline	88-74-4	ND	1600
3-Nitroaniline	99-09-2	ND	1600
4-Nitroaniline	100-01-6	ND	1600
Nitrobenzene	98-95-3	ND	330
N-nitrosodimethylamine	62-75-9	ND	330
N-nitrosodiphenylamine	86-30-6	ND	330
N-nitroso-di-n-propylamine	621-64-7	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330
1,2,4-Trichlorobenzene	120-82-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C17(1.0)A
CLIENT JOB NO: 1649
DATE SAMPLED: 02/08/90
DATE RECEIVED: 02/09/90
REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-09A
MED-TOX JOB NO: 9002062
DATE EXTRACTED: 02/21/90
DATE ANALYZED: 02/23/90
INSTRUMENT: 11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	330
2-Chlorophenol	95-57-8	ND	330
2,4-Dichlorophenol	120-83-2	ND	330
2,4-Dimethylphenol	105-67-9	ND	330
4,6-Dinitro-2-methylphenol	534-52-1	ND	1600
2,4-Dinitrophenol	51-28-5	ND	1600
2-Methylphenol	95-48-7	ND	330
4-Methylphenol	106-44-5	ND	330
2-Nitrophenol	88-75-5	ND	330
4-Nitrophenol	100-02-7	ND	1600
Pentachlorophenol	87-86-5	ND	1600
Phenol	108-95-2	ND	330
2,4,5-Trichlorophenol	95-95-4	ND	330
2,4,6-Trichlorophenol	88-06-2	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C17(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/08/90
DATE RECEIVED: 02/09/90
REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-10A
MED-TOX JOB NO: 9002062
DATE EXTRACTED: 02/21/90
DATE ANALYZED: 02/23/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzidine	92-87-5	ND	1600
Benzoic Acid	65-85-0	ND	1600
Benzo(a)anthracene	56-55-3	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(g,h,i)perylene	191-24-2	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzyl Alcohol	100-51-6	ND	660
Bis(2-chloroethoxy) methane	111-91-1	ND	330
Bis(2-chloroethyl)ether	111-44-4	ND	330
Bis(2-chloroisopropyl) ether	39638-32-9	ND	330
Bis(2-ethylhexyl) phthalate	117-81-7	ND	330
4-Bromophenyl phenyl ether	101-55-3	ND	330
Butylbenzyl phthalate	85-68-7	ND	330
4-Chloroaniline	106-47-8	ND	660
2-Chloronaphthalene	91-58-7	ND	330
4-Chlorophenyl phenyl ether	7005-72-3	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Dibenzofuran	132-64-9	ND	330
Di-n-butylphthalate	84-74-2	ND	330
1,2-Dichlorobenzene	95-50-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C17(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/08/90
DATE RECEIVED: 02/09/90
REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-10A
MED-TOX JOB NO: 9002062
DATE EXTRACTED: 02/21/90
DATE ANALYZED: 02/23/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	330
1,4-Dichlorobenzene	106-46-7	ND	330
3,3'-Dichlorobenzidine	91-94-1	ND	660
Diethylphthalate	84-66-2	ND	330
Dimethylphthalate	131-11-3	ND	330
2,4-Dinitrotoluene	121-14-2	ND	330
2,6-Dinitrotoluene	606-20-2	ND	330
Di-n-octylphthalate	117-84-0	ND	330
1,2-Diphenylhydrazine	122-66-7	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Hexachlorobenzene	118-74-1	ND	330
Hexachlorobutadiene	87-68-3	ND	330
Hexachlorocyclopentadiene	77-47-4	ND	330
Hexachloroethane	67-72-1	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Isophorone	78-59-1	ND	330
2-Methylnaphthalene	91-57-6	ND	330
Naphthalene	91-20-3	ND	330
2-Nitroaniline	88-74-4	ND	1600
3-Nitroaniline	99-09-2	ND	1600
4-Nitroaniline	100-01-6	ND	1600
Nitrobenzene	98-95-3	ND	330
N-nitrosodimethylamine	62-75-9	ND	330
N-nitrosodiphenylamine	86-30-6	ND	330
N-nitroso-di-n-propylamine	621-64-7	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330
1,2,4-Trichlorobenzene	120-82-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C17(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/08/90
DATE RECEIVED: 02/09/90
REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-10A
MED-TOX JOB NO: 9002062
DATE EXTRACTED: 02/21/90
DATE ANALYZED: 02/23/90
INSTRUMENT: 11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	330
2-Chlorophenol	95-57-8	ND	330
2,4-Dichlorophenol	120-83-2	ND	330
2,4-Dimethylphenol	105-67-9	ND	330
4,6-Dinitro-2-methylphenol	534-52-1	ND	1600
2,4-Dinitrophenol	51-28-5	ND	1600
2-Methylphenol	95-48-7	ND	330
4-Methylphenol	106-44-5	ND	330
2-Nitrophenol	88-75-5	ND	330
4-Nitrophenol	100-02-7	ND	1600
Pentachlorophenol	87-86-5	ND	1600
Phenol	108-95-2	ND	330
2,4,5-Trichlorophenol	95-95-4	ND	330
2,4,6-Trichlorophenol	88-06-2	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C17(9.0)C
CLIENT JOB NO: 1649
DATE SAMPLED: 02/08/90
DATE RECEIVED: 02/09/90
REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-11A
MED-TOX JOB NO: 9002062
DATE EXTRACTED: 02/21/90
DATE ANALYZED: 02/23/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzidine	92-87-5	ND	1600
Benzoic Acid	65-85-0	ND	1600
Benzo(a)anthracene	56-55-3	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(g,h,i)perylene	191-24-2	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzyl Alcohol	100-51-6	ND	660
Bis(2-chloroethoxy) methane	111-91-1	ND	330
Bis(2-chloroethyl)ether	111-44-4	ND	330
Bis(2-chloroisopropyl) ether	39638-32-9	ND	330
Bis(2-ethylhexyl) phthalate	117-81-7	ND	330
4-Bromophenyl phenyl ether	101-55-3	ND	330
Butylbenzyl phthalate	85-68-7	ND	330
4-Chloroaniline	106-47-8	ND	660
2-Chloronaphthalene	91-58-7	ND	330
4-Chlorophenyl phenyl ether	7005-72-3	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Dibenzofuran	132-64-9	ND	330
Di-n-butylphthalate	84-74-2	ND	330
1,2-Dichlorobenzene	95-50-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C17(9.0)C
CLIENT JOB NO: 1649
DATE SAMPLED: 02/08/90
DATE RECEIVED: 02/09/90
REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-11A
MED-TOX JOB NO: 9002062
DATE EXTRACTED: 02/21/90
DATE ANALYZED: 02/23/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	330
1,4-Dichlorobenzene	106-46-7	ND	330
3,3'-Dichlorobenzidine	91-94-1	ND	660
Diethylphthalate	84-66-2	ND	330
Dimethylphthalate	131-11-3	ND	330
2,4-Dinitrotoluene	121-14-2	ND	330
2,6-Dinitrotoluene	606-20-2	ND	330
Di-n-octylphthalate	117-84-0	ND	330
1,2-Diphenylhydrazine	122-66-7	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Hexachlorobenzene	118-74-1	ND	330
Hexachlorobutadiene	87-68-3	ND	330
Hexachlorocyclopentadiene	77-47-4	ND	330
Hexachloroethane	67-72-1	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Isophorone	78-59-1	ND	330
2-Methylnaphthalene	91-57-6	ND	330
Naphthalene	91-20-3	ND	330
2-Nitroaniline	88-74-4	ND	1600
3-Nitroaniline	99-09-2	ND	1600
4-Nitroaniline	100-01-6	ND	1600
Nitrobenzene	98-95-3	ND	330
N-nitrosodimethylamine	62-75-9	ND	330
N-nitrosodiphenylamine	86-30-6	ND	330
N-nitroso-di-n-propylamine	621-64-7	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330
1,2,4-Trichlorobenzene	120-82-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C17(9.0)C
CLIENT JOB NO: 1649
DATE SAMPLED: 02/08/90
DATE RECEIVED: 02/09/90
REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-11A
MED-TOX JOB NO: 9002062
DATE EXTRACTED: 02/21/90
DATE ANALYZED: 02/23/90
INSTRUMENT: 11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	330
2-Chlorophenol	95-57-8	ND	330
2,4-Dichlorophenol	120-83-2	ND	330
2,4-Dimethylphenol	105-67-9	ND	330
4,6-Dinitro-2-methylphenol	534-52-1	ND	1600
2,4-Dinitrophenol	51-28-5	ND	1600
2-Methylphenol	95-48-7	ND	330
4-Methylphenol	106-44-5	ND	330
2-Nitrophenol	88-75-5	ND	330
4-Nitrophenol	100-02-7	ND	1600
Pentachlorophenol	87-86-5	ND	1600
Phenol	108-95-2	ND	330
2,4,5-Trichlorophenol	95-95-4	ND	330
2,4,6-Trichlorophenol	88-06-2	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C19(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/08/90
DATE RECEIVED: 02/09/90
REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-13A
MED-TOX JOB NO: 9002062
DATE EXTRACTED: 02/21/90
DATE ANALYZED: 02/23/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzidine	92-87-5	ND	1600
Benzoic Acid	65-85-0	ND	1600
Benzo(a)anthracene	56-55-3	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(g,h,i)perylene	191-24-2	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzyl Alcohol	100-51-6	ND	660
Bis(2-chloroethoxy) methane	111-91-1	ND	330
Bis(2-chloroethyl)ether	111-44-4	ND	330
Bis(2-chloroisopropyl) ether	39638-32-9	ND	330
Bis(2-ethylhexyl) phthalate	117-81-7	ND	330
4-Bromophenyl phenyl ether	101-55-3	ND	330
Butylbenzyl phthalate	85-68-7	ND	330
4-Chloroaniline	106-47-8	ND	660
2-Chloronaphthalene	91-58-7	ND	330
4-Chlorophenyl phenyl ether	7005-72-3	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Dibenzofuran	132-64-9	ND	330
Di-n-butylphthalate	84-74-2	ND	330
1,2-Dichlorobenzene	95-50-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C19(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/08/90
DATE RECEIVED: 02/09/90
REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-13A
MED-TOX JOB NO: 9002062
DATE EXTRACTED: 02/21/90
DATE ANALYZED: 02/23/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	330
1,4-Dichlorobenzene	106-46-7	ND	330
3,3'-Dichlorobenzidine	91-94-1	ND	660
Diethylphthalate	84-66-2	ND	330
Dimethylphthalate	131-11-3	ND	330
2,4-Dinitrotoluene	121-14-2	ND	330
2,6-Dinitrotoluene	606-20-2	ND	330
Di-n-octylphthalate	117-84-0	ND	330
1,2-Diphenylhydrazine	122-66-7	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Hexachlorobenzene	118-74-1	ND	330
Hexachlorobutadiene	87-68-3	ND	330
Hexachlorocyclopentadiene	77-47-4	ND	330
Hexachloroethane	67-72-1	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Isophorone	78-59-1	ND	330
2-Methylnaphthalene	91-57-6	ND	330
Naphthalene	91-20-3	ND	330
2-Nitroaniline	88-74-4	ND	1600
3-Nitroaniline	99-09-2	ND	1600
4-Nitroaniline	100-01-6	ND	1600
Nitrobenzene	98-95-3	ND	330
N-nitrosodimethylamine	62-75-9	ND	330
N-nitrosodiphenylamine	86-30-6	ND	330
N-nitroso-di-n-propylamine	621-64-7	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330
1,2,4-Trichlorobenzene	120-82-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C19(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/08/90
DATE RECEIVED: 02/09/90
REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-13A
MED-TOX JOB NO: 9002062
DATE EXTRACTED: 02/21/90
DATE ANALYZED: 02/23/90
INSTRUMENT: 11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	330
2-Chlorophenol	95-57-8	ND	330
2,4-Dichlorophenol	120-83-2	ND	330
2,4-Dimethylphenol	105-67-9	ND	330
4,6-Dinitro-2-methylphenol	534-52-1	ND	1600
2,4-Dinitrophenol	51-28-5	ND	1600
2-Methylphenol	95-48-7	ND	330
4-Methylphenol	106-44-5	ND	330
2-Nitrophenol	88-75-5	ND	330
4-Nitrophenol	100-02-7	ND	1600
Pentachlorophenol	87-86-5	ND	1600
Phenol	108-95-2	ND	330
2,4,5-Trichlorophenol	95-95-4	ND	330
2,4,6-Trichlorophenol	88-06-2	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C21(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/08/90
DATE RECEIVED: 02/09/90
REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-15A
MED-TOX JOB NO: 9002062
DATE EXTRACTED: 02/21/90
DATE ANALYZED: 02/23/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzidine	92-87-5	ND	1600
Benzoic Acid	65-85-0	ND	1600
Benzo(a)anthracene	56-55-3	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(g,h,i)perylene	191-24-2	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzyl Alcohol	100-51-6	ND	660
Bis(2-chloroethoxy) methane	111-91-1	ND	330
Bis(2-chloroethyl)ether	111-44-4	ND	330
Bis(2-chloroisopropyl) ether	39638-32-9	ND	330
Bis(2-ethylhexyl) phthalate	117-81-7	ND	330
4-Bromophenyl phenyl ether	101-55-3	ND	330
Butylbenzyl phthalate	85-68-7	ND	330
4-Chloroaniline	106-47-8	ND	660
2-Chloronaphthalene	91-58-7	ND	330
4-Chlorophenyl phenyl ether	7005-72-3	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Dibenzofuran	132-64-9	ND	330
Di-n-butylphthalate	84-74-2	ND	330
1,2-Dichlorobenzene	95-50-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C21(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/08/90
DATE RECEIVED: 02/09/90
REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-15A
MED-TOX JOB NO: 9002062
DATE EXTRACTED: 02/21/90
DATE ANALYZED: 02/23/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	330
1,4-Dichlorobenzene	106-46-7	ND	330
3,3'-Dichlorobenzidine	91-94-1	ND	660
Diethylphthalate	84-66-2	ND	330
Dimethylphthalate	131-11-3	ND	330
2,4-Dinitrotoluene	121-14-2	ND	330
2,6-Dinitrotoluene	606-20-2	ND	330
Di-n-octylphthalate	117-84-0	ND	330
1,2-Diphenylhydrazine	122-66-7	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Hexachlorobenzene	118-74-1	ND	330
Hexachlorobutadiene	87-68-3	ND	330
Hexachlorocyclopentadiene	77-47-4	ND	330
Hexachloroethane	67-72-1	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Isophorone	78-59-1	ND	330
2-Methylnaphthalene	91-57-6	ND	330
Naphthalene	91-20-3	ND	330
2-Nitroaniline	88-74-4	ND	1600
3-Nitroaniline	99-09-2	ND	1600
4-Nitroaniline	100-01-6	ND	1600
Nitrobenzene	98-95-3	ND	330
N-nitrosodimethylamine	62-75-9	ND	330
N-nitrosodiphenylamine	86-30-6	ND	330
N-nitroso-di-n-propylamine	621-64-7	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330
1,2,4-Trichlorobenzene	120-82-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C21(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/08/90
DATE RECEIVED: 02/09/90
REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-15A
MED-TOX JOB NO: 9002062
DATE EXTRACTED: 02/21/90
DATE ANALYZED: 02/23/90
INSTRUMENT: 11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	330
2-Chlorophenol	95-57-8	ND	330
2,4-Dichlorophenol	120-83-2	ND	330
2,4-Dimethylphenol	105-67-9	ND	330
4,6-Dinitro-2-methylphenol	534-52-1	ND	1600
2,4-Dinitrophenol	51-28-5	ND	1600
2-Methylphenol	95-48-7	ND	330
4-Methylphenol	106-44-5	ND	330
2-Nitrophenol	88-75-5	ND	330
4-Nitrophenol	100-02-7	ND	1600
Pentachlorophenol	87-86-5	ND	1600
Phenol	108-95-2	ND	330
2,4,5-Trichlorophenol	95-95-4	ND	330
2,4,6-Trichlorophenol	88-06-2	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C21(8.0)C
CLIENT JOB NO: 1649
DATE SAMPLED: 02/08/90
DATE RECEIVED: 02/09/90
REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-16A
MED-TOX JOB NO: 9002062
DATE EXTRACTED: 02/21/90
DATE ANALYZED: 02/23/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzidine	92-87-5	ND	1600
Benzoic Acid	65-85-0	ND	1600
Benzo(a)anthracene	56-55-3	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(g,h,i)perylene	191-24-2	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzyl Alcohol	100-51-6	ND	660
Bis(2-chloroethoxy) methane	111-91-1	ND	330
Bis(2-chloroethyl)ether	111-44-4	ND	330
Bis(2-chloroisopropyl) ether	39638-32-9	ND	330
Bis(2-ethylhexyl) phthalate	117-81-7	ND	330
4-Bromophenyl phenyl ether	101-55-3	ND	330
Butylbenzyl phthalate	85-68-7	ND	330
4-Chloroaniline	106-47-8	ND	660
2-Chloronaphthalene	91-58-7	ND	330
4-Chlorophenyl phenyl ether	7005-72-3	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Dibenzofuran	132-64-9	ND	330
Di-n-butylphthalate	84-74-2	ND	330
1,2-Dichlorobenzene	95-50-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C21(8.0)C
CLIENT JOB NO: 1649
DATE SAMPLED: 02/08/90
DATE RECEIVED: 02/09/90
REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-16A
MED-TOX JOB NO: 9002062
DATE EXTRACTED: 02/21/90
DATE ANALYZED: 02/23/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	330
1,4-Dichlorobenzene	106-46-7	ND	330
3,3'-Dichlorobenzidine	91-94-1	ND	660
Diethylphthalate	84-66-2	ND	330
Dimethylphthalate	131-11-3	ND	330
2,4-Dinitrotoluene	121-14-2	ND	330
2,6-Dinitrotoluene	606-20-2	ND	330
Di-n-octylphthalate	117-84-0	ND	330
1,2-Diphenylhydrazine	122-66-7	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Hexachlorobenzene	118-74-1	ND	330
Hexachlorobutadiene	87-68-3	ND	330
Hexachlorocyclopentadiene	77-47-4	ND	330
Hexachloroethane	67-72-1	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Isophorone	78-59-1	ND	330
2-Methylnaphthalene	91-57-6	ND	330
Naphthalene	91-20-3	ND	330
2-Nitroaniline	88-74-4	ND	1600
3-Nitroaniline	99-09-2	ND	1600
4-Nitroaniline	100-01-6	ND	1600
Nitrobenzene	98-95-3	ND	330
N-nitrosodimethylamine	62-75-9	ND	330
N-nitrosodiphenylamine	86-30-6	ND	330
N-nitroso-di-n-propylamine	621-64-7	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330
1,2,4-Trichlorobenzene	120-82-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C21(8.0)C
CLIENT JOB NO: 1649
DATE SAMPLED: 02/08/90
DATE RECEIVED: 02/09/90
REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-16A
MED-TOX JOB NO: 9002062
DATE EXTRACTED: 02/21/90
DATE ANALYZED: 02/23/90
INSTRUMENT: 11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	330
2-Chlorophenol	95-57-8	ND	330
2,4-Dichlorophenol	120-83-2	ND	330
2,4-Dimethylphenol	105-67-9	ND	330
4,6-Dinitro-2-methylphenol	534-52-1	ND	1600
2,4-Dinitrophenol	51-28-5	ND	1600
2-Methylphenol	95-48-7	ND	330
4-Methylphenol	106-44-5	ND	330
2-Nitrophenol	88-75-5	ND	330
4-Nitrophenol	100-02-7	ND	1600
Pentachlorophenol	87-86-5	ND	1600
Phenol	108-95-2	ND	330
2,4,5-Trichlorophenol	95-95-4	ND	330
2,4,6-Trichlorophenol	88-06-2	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C21(13.0)
CLIENT JOB NO: 1649
DATE SAMPLED: 02/08/90
DATE RECEIVED: 02/09/90
REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-17A
MED-TOX JOB NO: 9002062
DATE EXTRACTED: 02/21/90
DATE ANALYZED: 02/23/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzidine	92-87-5	ND	1600
Benzoic Acid	65-85-0	ND	1600
Benzo(a)anthracene	56-55-3	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(g,h,i)perylene	191-24-2	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzyl Alcohol	100-51-6	ND	660
Bis(2-chloroethoxy) methane	111-91-1	ND	330
Bis(2-chloroethyl)ether	111-44-4	ND	330
Bis(2-chloroisopropyl) ether	39638-32-9	ND	330
Bis(2-ethylhexyl) phthalate	117-81-7	ND	330
4-Bromophenyl phenyl ether	101-55-3	ND	330
Butylbenzyl phthalate	85-68-7	ND	330
4-Chloroaniline	106-47-8	ND	660
2-Chloronaphthalene	91-58-7	ND	330
4-Chlorophenyl phenyl ether	7005-72-3	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Dibenzofuran	132-64-9	ND	330
Di-n-butylphthalate	84-74-2	ND	330
1,2-Dichlorobenzene	95-50-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C21(13.0)
CLIENT JOB NO: 1649
DATE SAMPLED: 02/08/90
DATE RECEIVED: 02/09/90
REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-17A
MED-TOX JOB NO: 9002062
DATE EXTRACTED: 02/21/90
DATE ANALYZED: 02/23/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	330
1,4-Dichlorobenzene	106-46-7	ND	330
3,3'-Dichlorobenzidine	91-94-1	ND	660
Diethylphthalate	84-66-2	ND	330
Dimethylphthalate	131-11-3	ND	330
2,4-Dinitrotoluene	121-14-2	ND	330
2,6-Dinitrotoluene	606-20-2	ND	330
Di-n-octylphthalate	117-84-0	ND	330
1,2-Diphenylhydrazine	122-66-7	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Hexachlorobenzene	118-74-1	ND	330
Hexachlorobutadiene	87-68-3	ND	330
Hexachlorocyclopentadiene	77-47-4	ND	330
Hexachloroethane	67-72-1	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Isophorone	78-59-1	ND	330
2-Methylnaphthalene	91-57-6	ND	330
Naphthalene	91-20-3	ND	330
2-Nitroaniline	88-74-4	ND	1600
3-Nitroaniline	99-09-2	ND	1600
4-Nitroaniline	100-01-6	ND	1600
Nitrobenzene	98-95-3	ND	330
N-nitrosodimethylamine	62-75-9	ND	330
N-nitrosodiphenylamine	86-30-6	ND	330
N-nitroso-di-n-propylamine	621-64-7	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330
1,2,4-Trichlorobenzene	120-82-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C21(13.0)
CLIENT JOB NO: 1649
DATE SAMPLED: 02/08/90
DATE RECEIVED: 02/09/90
REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-17A
MED-TOX JOB NO: 9002062
DATE EXTRACTED: 02/21/90
DATE ANALYZED: 02/23/90
INSTRUMENT: 11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	330
2-Chlorophenol	95-57-8	ND	330
2,4-Dichlorophenol	120-83-2	ND	330
2,4-Dimethylphenol	105-67-9	ND	330
4,6-Dinitro-2-methylphenol	534-52-1	ND	1600
2,4-Dinitrophenol	51-28-5	ND	1600
2-Methylphenol	95-48-7	ND	330
4-Methylphenol	106-44-5	ND	330
2-Nitrophenol	88-75-5	ND	330
4-Nitrophenol	100-02-7	ND	1600
Pentachlorophenol	87-86-5	ND	1600
Phenol	108-95-2	ND	330
2,4,5-Trichlorophenol	95-95-4	ND	330
2,4,6-Trichlorophenol	88-06-2	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C18(3.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/07/90
DATE RECEIVED: 02/09/90
REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-30A
MED-TOX JOB NO: 9002062
DATE EXTRACTED: 02/21/90
DATE ANALYZED: 02/23/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzidine	92-87-5	ND	1600
Benzoic Acid	65-85-0	ND	1600
Benzo(a)anthracene	56-55-3	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(g,h,i)perylene	191-24-2	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzyl Alcohol	100-51-6	ND	660
Bis(2-chloroethoxy) methane	111-91-1	ND	330
Bis(2-chloroethyl)ether	111-44-4	ND	330
Bis(2-chloroisopropyl) ether	39638-32-9	ND	330
Bis(2-ethylhexyl) phthalate	117-81-7	ND	330
4-Bromophenyl phenyl ether	101-55-3	ND	330
Butylbenzyl phthalate	85-68-7	ND	330
4-Chloroaniline	106-47-8	ND	660
2-Chloronaphthalene	91-58-7	ND	330
4-Chlorophenyl phenyl ether	7005-72-3	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Dibenzofuran	132-64-9	ND	330
Di-n-butylphthalate	84-74-2	ND	330
1,2-Dichlorobenzene	95-50-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C18(3.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/07/90
DATE RECEIVED: 02/09/90
REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-30A
MED-TOX JOB NO: 9002062
DATE EXTRACTED: 02/21/90
DATE ANALYZED: 02/23/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	330
1,4-Dichlorobenzene	106-46-7	ND	330
3,3'-Dichlorobenzidine	91-94-1	ND	660
Diethylphthalate	84-66-2	ND	330
Dimethylphthalate	131-11-3	ND	330
2,4-Dinitrotoluene	121-14-2	ND	330
2,6-Dinitrotoluene	606-20-2	ND	330
Di-n-octylphthalate	117-84-0	ND	330
1,2-Diphenylhydrazine	122-66-7	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Hexachlorobenzene	118-74-1	ND	330
Hexachlorobutadiene	87-68-3	ND	330
Hexachlorocyclopentadiene	77-47-4	ND	330
Hexachloroethane	67-72-1	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Isophorone	78-59-1	ND	330
2-Methylnaphthalene	91-57-6	ND	330
Naphthalene	91-20-3	ND	330
2-Nitroaniline	88-74-4	ND	1600
3-Nitroaniline	99-09-2	ND	1600
4-Nitroaniline	100-01-6	ND	1600
Nitrobenzene	98-95-3	ND	330
N-nitrosodimethylamine	62-75-9	ND	330
N-nitrosodiphenylamine	86-30-6	ND	330
N-nitroso-di-n-propylamine	621-64-7	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330
1,2,4-Trichlorobenzene	120-82-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C18(3.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/07/90
DATE RECEIVED: 02/09/90
REPORT DATE: 03/12/90

MED-TOX LAB NO: 9002062-30A
MED-TOX JOB NO: 9002062
DATE EXTRACTED: 02/21/90
DATE ANALYZED: 02/23/90
INSTRUMENT: 11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	330
2-Chlorophenol	95-57-8	ND	330
2,4-Dichlorophenol	120-83-2	ND	330
2,4-Dimethylphenol	105-67-9	ND	330
4,6-Dinitro-2-methylphenol	534-52-1	ND	1600
2,4-Dinitrophenol	51-28-5	ND	1600
2-Methylphenol	95-48-7	ND	330
4-Methylphenol	106-44-5	ND	330
2-Nitrophenol	88-75-5	ND	330
4-Nitrophenol	100-02-7	ND	1600
Pentachlorophenol	87-86-5	ND	1600
Phenol	108-95-2	ND	330
2,4,5-Trichlorophenol	95-95-4	ND	330
2,4,6-Trichlorophenol	88-06-2	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C23(10.0)C
CLIENT JOB NO: 1649
DATE RECEIVED: 02/09/90

MED-TOX LAB NO: 9002062-03A
MED-TOX JOB NO: 9002062
REPORT DATE: 03/12/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	0.7	0.5	7060	V12
Be	Beryllium	0.5	0.2	7090	V22
Cd	Cadmium	ND	0.2	7130	V22
Cr	Chromium	27	1	7190	V22
Cu	Copper	21	1	7210	V22
Pb	Lead	4	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	29	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	43	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: C27(10.0)C
CLIENT JOB NO: 1649
DATE RECEIVED: 02/09/90

MED-TOX LAB NO: 9002062-07A
MED-TOX JOB NO: 9002062
REPORT DATE: 03/12/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	0.8	0.5	7060	V12
Be	Beryllium	0.4	0.2	7090	V22
Cd	Cadmium	ND	0.2	7130	V22
Cr	Chromium	23	1	7190	V22
Cu	Copper	11	1	7210	V22
Pb	Lead	4	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	12	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	16	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: C17(1.0)A
CLIENT JOB NO: 1649
DATE RECEIVED: 02/09/90

MED-TOX LAB NO: 9002062-09A
MED-TOX JOB NO: 9002062
REPORT DATE: 03/12/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	14	0.5	7060	V12
Be	Beryllium	0.4	0.2	7090	V22
Cd	Cadmium	5.4	0.2	7130	V22
Cr	Chromium	46	1	7190	V22
Cu	Copper	310	1	7210	V22
Pb	Lead	8,800	1	7420	V22
Hg	Mercury	0.5	0.2	7471	Hg
Ni	Nickel	33	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	1.0	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	47,000	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: C17(4.0)B
CLIENT JOB NO: 1649
DATE RECEIVED: 02/09/90

MED-TOX LAB NO: 9002062-10A
MED-TOX JOB NO: 9002062
REPORT DATE: 03/12/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	ND	0.5	7060	V12
Be	Beryllium	ND	0.2	7090	V22
Cd	Cadmium	ND	0.2	7130	V22
Cr	Chromium	28	1	7190	V22
Cu	Copper	7	1	7210	V22
Pb	Lead	3	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	14	1	7520	V22
Se	Selenium	1	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	16	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: C17(9.0)C
CLIENT JOB NO: 1649
DATE RECEIVED: 02/09/90

MED-TOX LAB NO: 9002062-11A
MED-TOX JOB NO: 9002062
REPORT DATE: 03/12/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	3.4	0.5	7060	V12
Be	Beryllium	0.3	0.2	7090	V22
Cd	Cadmium	0.5	0.2	7130	V22
Cr	Chromium	22	1	7190	V22
Cu	Copper	20	1	7210	V22
Pb	Lead	3	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	35	1	7520	V22
Se	Selenium	2	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	50	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: C21(1.0)A
CLIENT JOB NO: 1649
DATE RECEIVED: 02/09/90

MED-TOX LAB NO: 9002062-14A
MED-TOX JOB NO: 9002062
REPORT DATE: 03/12/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	7.0	0.5	7060	V12
Be	Beryllium	0.2	0.2	7090	V22
Cd	Cadmium	1.0	0.2	7130	V22
Cr	Chromium	35	1	7190	V22
Cu	Copper	120	1	7210	V22
Pb	Lead	190	1	7420	V22
Hg	Mercury	0.6	0.2	7471	Hg
Ni	Nickel	58	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	300	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: C21(4.0)B
CLIENT JOB NO: 1649
DATE RECEIVED: 02/09/90

MED-TOX LAB NO: 9002062-15A
MED-TOX JOB NO: 9002062
REPORT DATE: 03/12/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	1.7	0.5	7060	V12
Be	Beryllium	0.3	0.2	7090	V22
Cd	Cadmium	ND	0.2	7130	V22
Cr	Chromium	19	1	7190	V22
Cu	Copper	30	1	7210	V22
Pb	Lead	8	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	31	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	48	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: C21(8.0)C
CLIENT JOB NO: 1649
DATE RECEIVED: 02/09/90

MED-TOX LAB NO: 9002062-16A
MED-TOX JOB NO: 9002062
REPORT DATE: 03/12/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	1.2	0.5	7060	V12
Be	Beryllium	0.3	0.2	7090	V22
Cd	Cadmium	ND	0.2	7130	V22
Cr	Chromium	17	1	7190	V22
Cu	Copper	12	1	7210	V22
Pb	Lead	6	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	35	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	18	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: C21(13.0)
CLIENT JOB NO: 1649
DATE RECEIVED: 02/09/90

MED-TOX LAB NO: 9002062-17A
MED-TOX JOB NO: 9002062
REPORT DATE: 03/12/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	2.4	0.5	7060	V12
Be	Beryllium	0.3	0.2	7090	V22
Cd	Cadmium	0.3	0.2	7130	V22
Cr	Chromium	20	1	7190	V22
Cu	Copper	22	1	7210	V22
Pb	Lead	3	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	25	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	37	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: C18(2.0)A
CLIENT JOB NO: 1649
DATE RECEIVED: 02/09/90

MED-TOX LAB NO: 9002062-29A
MED-TOX JOB NO: 9002062
REPORT DATE: 03/12/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	1.4	0.5	7060	V12
Be	Beryllium	0.3	0.2	7090	V22
Cd	Cadmium	ND	0.2	7130	V22
Cr	Chromium	21	1	7190	V22
Cu	Copper	64	1	7210	V22
Pb	Lead	9	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	35	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	84	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: C18(3.5)B
CLIENT JOB NO: 1649
DATE RECEIVED: 02/09/90

MED-TOX LAB NO: 9002062-30A
MED-TOX JOB NO: 9002062
REPORT DATE: 03/12/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	1.0	0.5	7060	V12
Be	Beryllium	0.3	0.2	7090	V22
Cd	Cadmium	ND	0.2	7130	V22
Cr	Chromium	18	1	7190	V22
Cu	Copper	8	1	7210	V22
Pb	Lead	3	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	16	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	15	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

9002062

Project No.: [illegible]	Field Logbook No.:	Date: [illegible]	Serial No.: № 7534
Project Name: [illegible]	Project Location: [illegible]		
Sampler (Signature): [illegible]			Samplers: CKG

SAMPLES / ANALYSES

SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CONTAINERS	SAMPLE TYPE	[illegible]	EPA 601	EPA 624	[illegible]	[illegible]	[illegible]	[illegible]	HOLD	RUSH	[illegible]	REMARKS
[illegible]	2/7	1:30	01A	1	[illegible]								X			
[illegible]B		12:40	02A	↓	↓								X			
[illegible]		1:20	03A			X	.				X				X X	
[illegible]		1:25	04A										X			
[illegible]		1:05	05A										X			
[illegible]B		1:15	06A			\	.									
[illegible]		10:20	07A			X	X			X	X				\	
[illegible]	↓	10:25	08A	↓	↓								X			
017([illegible])A	2/8	8:14	09A			X	X				X				X X	
[illegible]B		8:24	10A			X	X				X				X X	
[illegible]		8:29	11A			X	X				X				X X	
[illegible]A		8:59	12A										X			
[illegible]		9:05	13A			X	X			X	X	X				
[illegible]A		9:40	14A						X						X	PCBs only
[illegible]B		9:50	15A			X	X								X X	
[illegible]	↓	10:10	17A ~~[illegible]~~	↓	↓	X	X						~~X~~		X X	

RELINQUISHED BY: (Signature) Christopher K Good	DATE 2/9/90	TIME 6am	RECEIVED BY: (Signature) R. St John	DATE 2/9/90	TIME 10:20
RELINQUISHED BY: (Signature) R St John	DATE 2/9/90	TIME 11:20	RECEIVED BY: (Signature)	DATE	TIME
RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature) Denise Harrington	DATE 2/9/90	TIME 11:20
METHOD OF SHIPMENT:	DATE	TIME	LAB COMMENTS:		

Sample Collector: LEVINE-FRICKE
1900 Powell Street, 12th Floor
Emeryville, Ca 94608
(415) 652-4500

Analytical Laboratory: MED TOX

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CHAIN OF CUSTODY / ANALYSES REQUEST FORM

9002062

Project No.: 16-14	Field Logbook No.:	Date: 2/8/90	Serial No.: № 7536
Project Name: SFTBC	Project Location: [illegible]		
Sampler (Signature): [illegible]			Samplers: [illegible]

SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CONTAINERS	SAMPLE TYPE	[illegible]	EPA 601	EPA 624	[illegible]	[illegible]	[illegible]	BTXE	HOLD	RUSH	[illegible]	[illegible]	REMARKS
[illegible] A	2/8	2:55	18A	1	Soil								X				
[illegible] B	|	3:25	19A	|						X	X	X				X	
[illegible] C	|	3:15	20A	|						X	X	X				X	
[illegible]	|	3:40	21A	|									X				
[illegible] A	|	11:20	22A	|									X				
[illegible] B		11:1?	23A							X	X	X				X	
[illegible] C		11:30	24A							X	X	X				X	
[illegible]		11:4?	25A										X				
[illegible]		12:20	26A										X				
[illegible] B		12:35	27A							X	X						
~~[illegible]~~		~~12:40~~				X	X								X	X	
[illegible] C		12:40	28A										X				
[illegible] C	~	10:00	16A	~	~	X	X								X	X	

	DATE	TIME		DATE	TIME
RELINQUISHED BY: (Signature) [signature]	2/9/90	6am	RECEIVED BY: (Signature) R. St John	2/9/90	10:20
RELINQUISHED BY: (Signature) [signature]	2/9/90	11:20	RECEIVED BY: (Signature)		
RELINQUISHED BY: (Signature)			RECEIVED BY: (Signature) Denise Harrington	2/9/90	11:20
METHOD OF SHIPMENT:			LAB COMMENTS:		

Sample Collector:
LEVINE-FRICKE
1900 Powell Street, 12th Floor
Emeryville, Ca 94608
(415) 652-4500

Analytical Laboratory: Med Tox

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CHAIN OF CUSTODY / ANALYSES REQUEST FORM

9002063

Project No.: 1615	Field Logbook No.:	Date:	Serial No.: № 7535
Project Name:	Project Location:		
Sampler (Signature):			Samplers: CKG

SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CONTAINERS	SAMPLE TYPE	EPA 601	EPA 624					HOLD	RUSH			REMARKS
CKW	2/8	12:00	3 A,B	2	water				X							
CKW	↓	↓	3 C,D	↓						X						cancel
CKW			3 E,F	↓							X					
CKW	↓	↓	3 G	1	water									X	X	add ph + filt

RELINQUISHED BY: (Signature) Christopher K. Good	DATE 2/9/90	TIME 6am	RECEIVED BY: (Signature) L St John	DATE 2/9/90	TIME 10:20
RELINQUISHED BY: (Signature) L St John	DATE 2/9/90	TIME 11:20	RECEIVED BY: (Signature)	DATE	TIME
RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature) Denise Harrington	DATE 2/9/90	TIME 1120
METHOD OF SHIPMENT:	DATE	TIME	LAB COMMENTS:		

Sample Collector: LEVINE-FRICKE
1900 Powell Street, 12th Floor
Emeryville, Ca 94608
(415) 652-4500

Analytical Laboratory: MED TOX

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page 2

900.206 2

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

Project No.: 1444	Field Logbook No.:	Date: 2/8/90	Serial No.: № 7532
Project Name: SFPRC - YERBA BUENA	Project Location: Emeryville + Oakland CA		
Sampler (Signature): C. Good			Samplers: CKG

SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CONTAINERS	SAMPLE TYPE	EPA 601	EPA 624	[illegible]	[illegible]	[illegible]	[illegible]	HOLD	RUSH / [illegible]		REMARKS
18(7.5).1	2/8/90	3:40	29A	1	soil								X		
18([redacted])B 35		3:45	30A		X	X				X				XX	
18(7.5)C		3:50	31A									X			
18(9.5)		4:35	32A									X			
18W		4:30	1A,B	2	water							X			7002063
18W			1C,D	2		X									Cancel
18W			1E,F	2					X	X					
18W			1G	1										XX	1L plastic container / needs filtering
20(3.5)		2:30	33A	1	soil				X	X	X			X	
20(4.5)B		2:40	34A									X			
20(9.5)C		2:50	35A						X	X	X	X		X	
20(14.5)		2:55	36A									X			
20W		4:00	2A,B	2	water				X						preserved w/ HCl
20W			2C,D							X					Cancel
20W			2E,F								X				preserved w/ HCl
20W			2G											XX	1L plastic container

RELINQUISHED BY: (Signature) Christopher K. Good	DATE 2/9/90	TIME 6am	RECEIVED BY: (Signature) R. St. John	DATE 2/9/90	TIME 10:20
RELINQUISHED BY: (Signature) R. St. John	DATE 2/9/90	TIME 11:20	RECEIVED BY: (Signature)	DATE	TIME
RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature) Denise Harrington	DATE 2/9/90	TIME 1120
METHOD OF SHIPMENT:	DATE	TIME	LAB COMMENTS:		

Sample Collector: LEVINE-FRICKE, 1900 Powell Street, 12th Floor, Emeryville, Ca 94608, (415) 652-4500	Analytical Laboratory: Med Tox

Shipping Copy (White) Lab Copy (Green) File Copy (Yellow) Field Copy (Pink) FORM NO. /COC/ARF

LEVINE-FRICKE

CLIENT ID: LF12(4.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/12/90
DATE RECEIVED: 02/15/90
REPORT DATE: 03/14/90

MED-TOX LAB NO: 9002104-32A
MED-TOX JOB NO: 9002104
DATE ANALYZED: 02/26-27/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	540-59-0	ND	5
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	**108-88-3**	**68**	5
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C28(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/12/90
DATE RECEIVED: 02/15/90

REPORT DATE: 03/14/90

MED-TOX LAB NO: 9002105-07A
MED-TOX JOB NO: 9002105
DATE EXTRACTED: 02/23/90
DATE ANALYZED: 02/21-03/01/90
INSTRUMENT: 9, 3

BTXE AND HYDROCARBONS

METHOD: EPA 8020, 8015 (PURGE & TRAP AND EXTRACTION)

	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Benzene	ND	1
Toluene	550	1
Ethylbenzene	ND	1
Xylenes	ND	3
PURGEABLE HYDROCARBONS AS:		
Gasoline	1 mg/kg	0.2 mg/kg
EXTRACTABLE HYDROCARBONS AS:		
Diesel	ND mg/kg	0.3 mg/kg
Waste Oil	670 mg/kg	0.5 mg/kg

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: LF12(4.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/12/90
DATE RECEIVED: 02/15/90
REPORT DATE: 03/14/90

MED-TOX LAB NO: 9002104-32A
MED-TOX JOB NO: 9002104
DATE EXTRACTED: 02/26/90
DATE ANALYZED: 03/04-06/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	1700
Acenaphthylene	208-96-8	ND	1700
Anthracene	120-12-7	ND	1700
Benzidine	92-87-5	ND	8000
Benzoic Acid	65-85-0	ND	8000
Benzo(a)anthracene	56-55-3	ND	1700
Benzo(b)fluoranthene	205-99-2	ND	1700
Benzo(k)fluoranthene	207-08-9	ND	1700
Benzo(g,h,i)perylene	191-24-2	ND	1700
Benzo(a)pyrene	50-32-8	ND	1700
Benzyl Alcohol	100-51-6	ND	3300
Bis(2-chloroethoxy) methane	111-91-1	ND	1700
Bis(2-chloroethyl)ether	111-44-4	ND	1700
Bis(2-chloroisopropyl) ether	39638-32-9	ND	1700
Bis(2-ethylhexyl) phthalate	117-81-7	ND	1700
4-Bromophenyl phenyl ether	101-55-3	ND	1700
Butylbenzyl phthalate	85-68-7	ND	1700
4-Chloroaniline	106-47-8	ND	3300
2-Chloronaphthalene	91-58-7	ND	1700
4-Chlorophenyl phenyl ether	7005-72-3	ND	1700
Chrysene	218-01-9	ND	1700
Dibenzo(a,h)anthracene	53-70-3	ND	1700
Dibenzofuran	132-64-9	ND	1700
Di-n-butylphthalate	84-74-2	ND	1700
1,2-Dichlorobenzene	95-50-1	ND	1700

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: LF12(4.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/12/90
DATE RECEIVED: 02/15/90
REPORT DATE: 03/14/90

MED-TOX LAB NO: 9002104-32A
MED-TOX JOB NO: 9002104
DATE EXTRACTED: 02/26/90
DATE ANALYZED: 03/04-06/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	1700
1,4-Dichlorobenzene	106-46-7	ND	1700
3,3'-Dichlorobenzidine	91-94-1	ND	3300
Diethylphthalate	84-66-2	ND	1700
Dimethylphthalate	131-11-3	ND	1700
2,4-Dinitrotoluene	121-14-2	ND	1700
2,6-Dinitrotoluene	606-20-2	ND	1700
Di-n-octylphthalate	117-84-0	ND	1700
1,2-Diphenylhydrazine	122-66-7	ND	1700
Fluoranthene	206-44-0	ND	1700
Fluorene	86-73-7	ND	1700
Hexachlorobenzene	118-74-1	ND	1700
Hexachlorobutadiene	87-68-3	ND	1700
Hexachlorocyclopentadiene	77-47-4	ND	1700
Hexachloroethane	67-72-1	ND	1700
Indeno(1,2,3-cd)pyrene	193-39-5	ND	1700
Isophorone	78-59-1	ND	1700
2-Methylnaphthalene	91-57-6	ND	1700
Naphthalene	91-20-3	ND	1700
2-Nitroaniline	88-74-4	ND	8000
3-Nitroaniline	99-09-2	ND	8000
4-Nitroaniline	100-01-6	ND	8000
Nitrobenzene	98-95-3	ND	1700
N-nitrosodimethylamine	62-75-9	ND	1700
N-nitrosodiphenylamine	86-30-6	ND	1700
N-nitroso-di-n-propylamine	621-64-7	ND	1700
Phenanthrene	85-01-8	ND	1700
Pyrene	129-00-0	ND	1700
1,2,4-Trichlorobenzene	120-82-1	ND	1700

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: LF12(4.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/12/90
DATE RECEIVED: 02/15/90
REPORT DATE: 03/14/90

MED-TOX LAB NO: 9002104-32A
MED-TOX JOB NO: 9002104
DATE EXTRACTED: 02/26/90
DATE ANALYZED: 03/04-06/90
INSTRUMENT: 11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	1700
2-Chlorophenol	95-57-8	ND	1700
2,4-Dichlorophenol	120-83-2	ND	1700
2,4-Dimethylphenol	105-67-9	ND	1700
4,6-Dinitro-2-methylphenol	534-52-1	ND	8000
2,4-Dinitrophenol	51-28-5	ND	8000
2-Methylphenol	95-48-7	ND	1700
4-Methylphenol	106-44-5	ND	1700
2-Nitrophenol	88-75-5	ND	1700
4-Nitrophenol	100-02-7	ND	8000
Pentachlorophenol	87-86-5	ND	8000
Phenol	108-95-2	ND	1700
2,4,5-Trichlorophenol	95-95-4	ND	1700
2,4,6-Trichlorophenol	88-06-2	ND	1700

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C6(1.0)A
CLIENT JOB NO: 1649
DATE SAMPLED: 02/15/90
DATE RECEIVED: 02/16/90
REPORT DATE: 03/15/90

MED-TOX LAB NO: 9002122-03A
MED-TOX JOB NO: 9002122
DATE EXTRACTED: 02/27/90
DATE ANALYZED: 03/05/90
INSTRUMENT: 2B

EPA METHOD 8080

POLYCHLORINATED BIPHENYLS

AROCLOR	CAS #	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)
Aroclor 1016	12674-11-2	ND	0.05
Aroclor 1221	11104-28-2	ND	0.05
Aroclor 1232	11141-16-5	ND	0.05
Aroclor 1242	53469-21-9	ND	0.05
Aroclor 1248	12672-29-6	ND	0.05
Aroclor 1254	11097-69-1	ND	0.05
Aroclor 1260	11096-82-5	ND	0.05

ND = Not Detected

Analytical Method: EPA 8080, SW-846 3rd Edition, 1986

LEVINE-FRICKE

CLIENT ID: C6(3.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/15/90
DATE RECEIVED: 02/16/90
REPORT DATE: 03/15/90

MED-TOX LAB NO: 9002122-04A
MED-TOX JOB NO: 9002122
DATE EXTRACTED: 02/27/90
DATE ANALYZED: 03/05/90
INSTRUMENT: 2B

EPA METHOD 8080

POLYCHLORINATED BIPHENYLS

AROCLOR	CAS #	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)
Aroclor 1016	12674-11-2	ND	0.05
Aroclor 1221	11104-28-2	ND	0.05
Aroclor 1232	11141-16-5	ND	0.05
Aroclor 1242	53469-21-9	ND	0.05
Aroclor 1248	12672-29-6	ND	0.05
Aroclor 1254	11097-69-1	ND	0.05
Aroclor 1260	11096-82-5	ND	0.05

ND = Not Detected

Analytical Method: EPA 8080, SW-846 3rd Edition, 1986

LEVINE-FRICKE

CLIENT ID: C13(3.0)B
CLIENT JOB NO: 1649
DATE RECEIVED: 02/16/90

MED-TOX LAB NO: 9002122-02A
MED-TOX JOB NO: 9002122
REPORT DATE: 03/15/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	2	1	7060	V12
Be	Beryllium	0.3	0.2	7090	V22
Cd	Cadmium	ND	0.2	7130	V22
Cr	Chromium	41	1	7190	V22
Cu	Copper	16	1	7210	V22
Pb	Lead	5	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	30	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	29	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: C6(1.0)A
CLIENT JOB NO: 1649
DATE RECEIVED: 02/16/90

MED-TOX LAB NO: 9002122-03A
MED-TOX JOB NO: 9002122
REPORT DATE: 03/15/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	ND	1	7060	V12
Be	Beryllium	0.3	0.2	7090	V22
Cd	Cadmium	0.2	0.2	7130	V22
Cr	Chromium	39	1	7190	V22
Cu	Copper	21	1	7210	V22
Pb	Lead	14	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	33	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	42	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: C6(3.0)B
CLIENT JOB NO: 1649
DATE RECEIVED: 02/16/90

MED-TOX LAB NO: 9002122-04A
MED-TOX JOB NO: 9002122
REPORT DATE: 03/15/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	ND	1	7060	V12
Be	Beryllium	0.4	0.2	7090	V22
Cd	Cadmium	ND	0.2	7130	V22
Cr	Chromium	43	1	7190	V22
Cu	Copper	11	1	7210	V22
Pb	Lead	4	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	32	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	25	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

FILE
1649

MED-TOX ASSOCIATES, INC.

ENVIRONMENTAL & OCCUPATIONAL HEALTH SERVICES
3440 Vincent Road Pleasant Hill, CA 94523 • (415) 930-9090 • FAX# (415) 930-0256

LABORATORY ANALYSIS REPORT

LEVINE-FRICKE
1900 POWELL ST., 12TH FL.
EMERYVILLE, CA 94608

ATTN: AMANDA SPENCER

CLIENT PROJECT NO: 1649

REPORT DATE: 03/20/90

DATE SAMPLED: 02/21/90

DATE RECEIVED: 02/22/90

MED-TOX JOB NO: 9002155

ANALYSIS OF: WATER AND SOIL SAMPLES FOR EXTRACTABLE AND PURGEABLE HYDROCARBONS, POLYCHLORINATED BIPHENYLS, GC/MS VOLATILE ORGANICS, AND PRIORITY POLLUTANT METALS

See attached for results

Michael Lynch, Manager
Organic Laboratory

Results FAXed to Amanda Spencer 03/08/90 & 03/09/90

LEVINE-FRICKE

CLIENT PROJECT NO: 1649
DATE SAMPLED: 02/21/90
DATE RECEIVED: 02/22/90

MED-TOX JOB NO: 9002155
DATE EXTRACTED: 03/02/90
DATE ANALYZED: 02/28-03/08/90
REPORT DATE: 03/20/90

Sample Identification *Client Id.*	*Lab No.*	Extractable Hydrocarbons as Diesel (mg/kg)	Extractable Hydrocarbons as Waste Oil (mg/kg)	Extractable Hydrocarbons as Kerosene (mg/kg)	Purgeable Hydrocarbons as Gasoline (mg/kg)
B29(3.0)A	01A	ND	360	220	ND(20)
B29(4.5)B	02A	ND	ND	---	ND
B30(2.0)A	05A	660*	ND	---	---
B30(4.0)B	06A	ND	ND	---	ND
B31(2.0)A	09A	ND	ND	---	---
B31(5.5)B	10A	ND	ND	---	---
B33(2.0)A	13A	ND	4,600	---	0.9
B33(10.0)C	15A	ND	30	---	0.4
B32(1.5)A	19A	ND	330	---	36
B32(10.0)C	21A	ND	ND	---	0.4
Detection Limit (Unless otherwise indicate in parentheses)		10	20	10	0.2
EPA Method		8015	8015	8015	8015
Instrument:		1,5	1,5	5	9

ND = Not Detected

* This sample contains what appears to be a broader range of hydrocarbons than normally found in diesel fuel. The reported concentration is based on diesel calibration.

LEVINE-FRICKE

CLIENT ID: B30(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/21/90
DATE RECEIVED: 02/22/90
REPORT DATE: 03/20/90

MED-TOX LAB NO: 9002155-06A
MED-TOX JOB NO: 9002155
DATE EXTRACTED: 03/06/90
DATE ANALYZED: 03/06/90
INSTRUMENT: 2B

EPA METHOD 8080

POLYCHLORINATED BIPHENYLS

AROCLOR	CAS #	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)
Aroclor 1016	12674-11-2	ND	0.05
Aroclor 1221	11104-28-2	ND	0.05
Aroclor 1232	11141-16-5	ND	0.05
Aroclor 1242	53469-21-9	ND	0.05
Aroclor 1248	12672-29-6	ND	0.05
Aroclor 1254	11097-69-1	ND	0.05
Aroclor 1260	11096-82-5	ND	0.05

ND = Not Detected

Analytical Method: EPA 8080, SW-846 3rd Edition, 1986

LEVINE-FRICKE

CLIENT ID: B32(1.5)A
CLIENT JOB NO: 1649
DATE SAMPLED: 02/21/90
DATE RECEIVED: 02/22/90
REPORT DATE: 03/20/90

MED-TOX LAB NO: 9002155-19A
MED-TOX JOB NO: 9002155
DATE EXTRACTED: 03/06/90
DATE ANALYZED: 03/06/90
INSTRUMENT: 2B

EPA METHOD 8080

POLYCHLORINATED BIPHENYLS

AROCLOR	CAS #	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)
Aroclor 1016	12674-11-2	ND	0.05
Aroclor 1221	11104-28-2	ND	0.05
Aroclor 1232	11141-16-5	ND	0.05
Aroclor 1242	53469-21-9	ND	0.05
Aroclor 1248	12672-29-6	ND	0.05
Aroclor 1254	11097-69-1	ND	0.05
Aroclor 1260	11096-82-5	ND	0.05

ND = Not Detected

Analytical Method: EPA 8080, SW-846 3rd Edition, 1986

LEVINE-FRICKE

CLIENT ID: B29(3.0)A
CLIENT JOB NO: 1649
DATE SAMPLED: 02/21/90
DATE RECEIVED: 02/22/90
REPORT DATE: 03/20/90

MED-TOX LAB NO: 9002155-01A
MED-TOX JOB NO: 9002155
DATE ANALYZED: 03/06-07/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	1,000
Benzene	71-43-2	ND	50
Bromodichloromethane	75-27-4	ND	50
Bromoform	75-25-2	ND	50
Bromomethane	74-83-9	ND	100
2-Butanone	78-93-3	ND	1,000
Carbon Disulfide	75-15-0	ND	100
Carbon Tetrachloride	56-23-5	ND	50
Chlorobenzene	108-90-7	ND	50
Chloroethane	75-00-3	ND	100
2-Chloroethyl Vinyl Ether	110-75-8	ND	100
Chloroform	67-66-3	ND	50
Chloromethane	74-87-3	ND	100
Dibromochloromethane	124-48-1	ND	50
1,1-Dichloroethane	75-34-3	ND	50
1,2-Dichloroethane	107-06-2	ND	50
1,1-Dichloroethene	75-35-4	ND	50
1,2-Dichloroethene, total	540-59-0	ND	50
1,2-Dichloropropane	78-87-5	ND	50
cis-1,3-Dichloropropene	10061-01-5	ND	50
trans-1,3-Dichloropropene	10061-02-6	ND	50
Ethylbenzene	100-41-4	ND	50
2-Hexanone	591-78-6	ND	500
Methylene Chloride	75-09-2	ND	50
4-Methyl-2-pentanone	108-10-1	ND	500
Styrene	100-42-5	ND	50
1,1,2,2-Tetrachloroethane	79-34-5	ND	50
Tetrachloroethene	127-18-4	ND	50
Toluene	108-88-3	ND	50
1,1,1-Trichloroethane	71-55-6	ND	50
1,1,2-Trichloroethane	79-00-5	ND	50
Trichloroethene	79-01-6	ND	50
Vinyl Acetate	108-05-4	ND	500
Vinyl Chloride	75-01-4	ND	100
Xylenes, total	1330-20-7	ND	100

ND = Not Detected
Sample was diluted 10x due to significant hydrocarbon content.
Detection limits have been adjusted accordingly.

LEVINE-FRICKE

CLIENT ID: B29(4.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/21/90
DATE RECEIVED: 02/22/90
REPORT DATE: 03/20/90

MED-TOX LAB NO: 9002155-02A
MED-TOX JOB NO: 9002155
DATE ANALYZED: 03/06/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	540-59-0	ND	5
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	**108-88-3**	**26**	5
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B30(2.0)A
CLIENT JOB NO: 1649
DATE SAMPLED: 02/21/90
DATE RECEIVED: 02/22/90
REPORT DATE: 03/20/90

MED-TOX LAB NO: 9002155-05A
MED-TOX JOB NO: 9002155
DATE ANALYZED: 03/06-07/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	540-59-0	ND	5
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	**108-88-3**	**200**	**5**
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B30(4.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/21/90
DATE RECEIVED: 02/22/90
REPORT DATE: 03/20/90

MED-TOX LAB NO: 9002155-06A
MED-TOX JOB NO: 9002155
DATE ANALYZED: 03/06/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	**67-64-1**	**150**	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	540-59-0	ND	5
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	**108-88-3**	**36**	5
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B31(2.0)A
CLIENT JOB NO: 1649
DATE SAMPLED: 02/21/90
DATE RECEIVED: 02/22/90
REPORT DATE: 03/20/90

MED-TOX LAB NO: 9002155-09A
MED-TOX JOB NO: 9002155
DATE ANALYZED: 03/06/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	540-59-0	ND	5
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	10
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	**108-88-3**	**53**	**5**
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B31(5.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/21/90
DATE RECEIVED: 02/22/90
REPORT DATE: 03/20/90

MED-TOX LAB NO: 9002155-10A
MED-TOX JOB NO: 9002155
DATE ANALYZED: 03/06/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	540-59-0	ND	5
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	10
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	**108-88-3**	**25**	5
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B33(2.0)A
CLIENT JOB NO: 1649
DATE SAMPLED: 02/21/90
DATE RECEIVED: 02/22/90
REPORT DATE: 03/20/90

MED-TOX LAB NO: 9002155-13A
MED-TOX JOB NO: 9002155
DATE ANALYZED: 03/06-07/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	**67-64-1**	**220**	**100**
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	540-59-0	ND	5
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	**108-88-3**	**290**	**5**
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	**1330-20-7**	**77**	**10**

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B33(10.0)C
CLIENT JOB NO: 1649
DATE SAMPLED: 02/21/90
DATE RECEIVED: 02/22/90
REPORT DATE: 03/20/90

MED-TOX LAB NO: 9002155-15A
MED-TOX JOB NO: 9002155
DATE ANALYZED: 03/06-07/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	540-59-0	ND	5
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	**108-88-3**	**35**	**5**
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B29(3.0)A
CLIENT JOB NO: 1649
DATE RECEIVED: 02/22/90

MED-TOX LAB NO: 9002155-01A
MED-TOX JOB NO: 9002155
REPORT DATE: 03/20/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	5	0.5	7060	V12
Be	Beryllium	0.3	0.2	7090	V22
Cd	Cadmium	0.2	0.2	7130	V22
Cr	Chromium	32	1	7190	V22
Cu	Copper	27	1	7210	V22
Pb	Lead	31	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	35	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	61	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: B29(4.5)B
CLIENT JOB NO: 1649
DATE RECEIVED: 02/22/90

MED-TOX LAB NO: 9002155-02A
MED-TOX JOB NO: 9002155
REPORT DATE: 03/20/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	4	0.5	7060	V12
Be	Beryllium	0.3	0.2	7090	V22
Cd	Cadmium	ND	0.2	7130	V22
Cr	Chromium	35	1	7190	V22
Cu	Copper	15	1	7210	V22
Pb	Lead	5	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	31	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	30	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: B30(4.0)B
CLIENT JOB NO: 1649
DATE RECEIVED: 02/22/90

MED-TOX LAB NO: 9002155-06A
MED-TOX JOB NO: 9002155
REPORT DATE: 03/20/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	ND	0.5	7060	V12
Be	Beryllium	0.2	0.2	7090	V22
Cd	Cadmium	ND	0.2	7130	V22
Cr	Chromium	30	1	7190	V22
Cu	Copper	14	1	7210	V22
Pb	Lead	5	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	26	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	29	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: B31(2.0)A
CLIENT JOB NO: 1649
DATE RECEIVED: 02/22/90

MED-TOX LAB NO: 9002155-09A
MED-TOX JOB NO: 9002155
REPORT DATE: 03/20/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	2	0.5	7060	V12
Be	Beryllium	0.3	0.2	7090	V22
Cd	Cadmium	0.5	0.2	7130	V22
Cr	Chromium	38	1	7190	V22
Cu	Copper	38	1	7210	V22
Pb	Lead	21	1	7420	V22
Hg	Mercury	0.2	0.2	7471	Hg
Ni	Nickel	38	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	180	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

Project No.: 1641	Field Logbook No.:	Date: 2/21/90	Serial No.: 7582
Project Name: [illegible]	Project Location: [illegible]		
Sampler (Signature): [illegible]			Samplers: CKC

SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CONTAINERS	SAMPLE TYPE	EPA 601 / 602	EPA 624	[illegible]	[illegible]	[illegible]	HOLD	RUSH	REMARKS
B29(3.0)	2/21	11:15	1 A	1	Soil		X	X	X	X			(+) High VOA
B29(4.5)B	"	11:40	2 A	"	"		X	X	X	X			"
B29(10.0)C	"	12:00	3 A	"	"		X	X	X	X	X		"
B29(13.5)	"	12:15	4 A	"	"						X		"
B29W	2/21	1:30	1 G	1	Water				X				X need to filter
B29W	"	"	1 E, F	"	"			X					1 filter matrix (2)
B29W	"	"	1 C, D	"	"		X						HCl preserved VOAs (2)
B29W	"	"	1 A, B	"	"					X			VOAs (2)
B30(2.0)	2/21	10:15	5 A	1	Soil			X		X	X		off hold 3/26
B30(4.0)B	"	10:25	6 A	"	"	X	X	X	X	X			"
B30(10.0)C	"	10:35	7 A	"	"		X	X	X	X	X		"
B30(13.5)	"	10:40	8 A	"	"						X		"

RELINQUISHED BY: (Signature) [illegible]	DATE 2/22/90	TIME	RECEIVED BY: (Signature) [illegible]	DATE 2/22/90	TIME 8:30
RELINQUISHED BY: (Signature) [illegible]	DATE 2/23/90	TIME 11:10	RECEIVED BY: (Signature) [illegible]	DATE 2-23-90	TIME 11:10
RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	DATE	TIME
METHOD OF SHIPMENT:	DATE	TIME	LAB COMMENTS:		

Sample Collector:
LEVINE-FRICKE
1900 Powell Street, 12th Floor
Emeryville, Ca 94608
(415) 652-4500

Analytical Laboratory:
Med Tox

Shipping ((White) Lab Copy (Green) File Copy (Yellow) [illegible]d Copy (Pink) FORM NO 86/COC/ARF

Page 2

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

Project No.: 1649	Field Logbook No.:	Date: 2/21/90	Serial No.: 7580
Project Name: SFREC - Yerba Buena	Project Location: [illegible] Oakland CA		
Sampler (Signature): [signature]			Samplers: [illegible]

SAMPLES / **ANALYSES**

SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CON-TAINERS	SAMPLE TYPE	EPA 601 (8010)	EPA 624	[illegible]	[illegible]	[illegible]	[illegible]	HOLD	RUSH	REMARKS
B3cW	2/21	11:10	17A,B	2	Water			X	X		X			VOAs (2)
B3cW	↓	↓	17C,D	↓	↓			X						HCl preserved VOAs (2)
B3cW			17E,F						X					1-liter amber (2)
B3cW			17G							X				* needs to be filtered
B31(7.0)	2/21	3:00	9A	1	Soil				X	X	X			add 2/26
B31(5.5)B	↓	3:10	10A	↓	↓	~~X~~	~~X~~		X	~~X~~	X			Cancel 2/26
B31(16.0)		3:15	11A					X	X	X	X	X		
B31(B5)		3:20	12A									X		
B31W	2/21	11:15	18A,B	2	Water				X		X			VOAs (2)
B31W	↓	↓	18C,D	↓	↓			X						HCl preserved VOAs (2)
B31W			18E,F						X					1-liter amber (2)
B31W			18G							X				* needs to be filtered

RELINQUISHED BY: (Signature) [signature]	DATE 2/22/90	TIME 10:00	RECEIVED BY: (Signature) [signature]	DATE 2/22/90	TIME 10:00
RELINQUISHED BY: (Signature) [signature]	DATE 2/22/90	TIME 11:00	RECEIVED BY: (Signature) [signature]	DATE 2/22/90	TIME [illegible]
RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	DATE	TIME
METHOD OF SHIPMENT:	DATE	TIME	LAB COMMENTS:		

Sample Collector: LEVINE-FRICKE
1900 Powell Street, 12th Floor
Emeryville, Ca 94608
(415) 652-4500

Analytical Laboratory: Med Tox

Shipping Copy (White) Lab Copy (Green) File Copy (Yellow) Field Copy (Pink) FORM NO. 86/COC/ARF

Page 3
[illegible]

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

Project No.: 1649	Field Logbook No.:	Date: 2/21/90	Serial No.: 7584
Project Name: [illegible]	Project Location: [illegible]		

Sampler (Signature): [signature]

Samplers: CKG

SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CONTAINERS	SAMPLE TYPE	EPA 601	EPA 624	[illegible]	[illegible]	[illegible]	[illegible]	6240	HOLD	RUSH	REMARKS
B33(7.0)A	2/21	4:50	13 A	1	Soil			X	X		X	X (scribbled out)			off hold 2/26
B33(4.5)B	↓	5:05	14 A	↓	↓			(scribbled out)	(scribbled out)		(scribbled out)	X			on hold 2/26
B33(10.0)C	↓	5:20	15 A	↓	↓			X	X		X				
															off hold 2/26
B32(1.5)A	2/21	12:50	19 A		X X		X	X	X			X (scribbled out)			These samples not [illegible] 2/26
B32(4.0)B	↓	1:05	20 A		(scribbled out)		(scribbled out)	(scribbled out)	(scribbled out)			X			
B32(11.0)C	↓	1:15	21 A					X	X			(scribbled out)			on hold 2/26

RELINQUISHED BY: (Signature) Christopher K. Good	DATE 2/22/90	TIME 10:30	RECEIVED BY: (Signature) [signature]	DATE 2/22/90	TIME 10 am
RELINQUISHED BY: (Signature) LaVon St John	DATE 2/22/90	TIME 11:10	RECEIVED BY: (Signature) [signature]	DATE 2/22/90	TIME 11:10
RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	DATE	TIME
METHOD OF SHIPMENT:	DATE	TIME	LAB COMMENTS:		

Sample Collector: LEVINE-FRICKE
1900 Powell Street, 12th Floor
Emeryville, Ca 94608
(415) 652-4500

Analytical Laboratory: Med Tox

Shipping (White) Lab Copy (Green) File Copy (Yellow) [illegible] Copy (Pink) FORM [illegible]6/COC/ARF

FILE
1649

MED-TOX ASSOCIATES, INC.

ENVIRONMENTAL & OCCUPATIONAL HEALTH SERVICES

3440 Vincent Road Pleasant Hill, CA 94523 • (415) 930-9090 • FAX# (415) 930-0256

LABORATORY ANALYSIS REPORT

LEVINE-FRICKE
1900 POWELL ST., 12TH FL.
EMERYVILLE, CA 94608

REPORT DATE: 03/20/90

DATE SAMPLED: 02/22/90
DATE RECEIVED: 02/23/90

ATTN: AMANDA SPENCER

DATE EXTRACTED: 03/07/90
DATE ANALYZED: 03/08/90

CLIENT PROJECT NO: 1649

MED-TOX JOB NO: 9002165

ANALYSIS OF: SOIL AND WATER SAMPLES FOR PURGEABLE AND EXTRACTABLE HYDROCARBONS, POLYCHLORINATED BIPHENYLS, GC/MS VOLATILE ORGANICS, GC/MS EXTRACTABLES, POLYNUCLEAR AROMATIC HYDROCARBONS, AND PRIORITY POLLUTANT METALS

Sample Identification Client Id.	Lab No.	Extractable Hydrocarbons as Diesel (mg/kg)	Extractable Hydrocarbons as Waste Oil (mg/kg)	Purgeable Hydrocarbons as Gasoline (mg/kg)
B24(4.0)B	02A	ND	ND	--
B24(8.5)C	03A	ND	ND	--
B27(3.5)B	05A	ND	ND	ND
C26(3.0)B	09A	ND	ND	--
Detection limit		10	20	0.2
Method: EPA 8015				
Instrument:		5	5	9

ND = Not Detected

RECEIVED
MAR 21 1990
LEVINE-FRICKE

Michael Lynch
Michael Lynch, Manager
Organic Laboratory

Results FAXed to Amanda Spencer 03/08/90 & 03/13/90

LEVINE-FRICKE

CLIENT ID: B27(3.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/22/90
DATE RECEIVED: 02/23/90
REPORT DATE: 03/20/90

MED-TOX LAB NO: 9002165-05A
MED-TOX JOB NO: 9002165
DATE EXTRACTED: 03/08/90
DATE ANALYZED: 03/08/90
INSTRUMENT: 2A

EPA METHOD 8080

POLYCHLORINATED BIPHENYLS

AROCLOR	CAS #	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)
Aroclor 1016	12674-11-2	ND	0.05
Aroclor 1221	11104-28-2	ND	0.05
Aroclor 1232	11141-16-5	ND	0.05
Aroclor 1242	53469-21-9	ND	0.05
Aroclor 1248	12672-29-6	ND	0.05
Aroclor 1254	11097-69-1	ND	0.05
Aroclor 1260	11096-82-5	ND	0.05

ND = Not Detected

Analytical Method: EPA 8080, SW-846 3rd Edition, 1986

LEVINE-FRICKE

CLIENT ID: B27(3.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/22/90
DATE RECEIVED: 02/23/90
REPORT DATE: 03/20/90

MED-TOX LAB NO: 9002165-05A
MED-TOX JOB NO: 9002165
DATE ANALYZED: 03/06/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	540-59-0	ND	5
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	**108-88-3**	**20**	**5**
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C26(3.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/22/90
DATE RECEIVED: 02/23/90
REPORT DATE: 03/20/90

MED-TOX LAB NO: 9002165-09A
MED-TOX JOB NO: 9002165
DATE ANALYZED: 03/06/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	540-59-0	ND	5
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	**108-88-3**	**83**	5
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C24(3.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/22/90
DATE RECEIVED: 02/23/90
REPORT DATE: 03/20/90

MED-TOX LAB NO: 9002165-12A
MED-TOX JOB NO: 9002165
DATE ANALYZED: 03/06/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	540-59-0	ND	5
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	**108-88-3**	**250**	5
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C24(10.0)C
CLIENT JOB NO: 1649
DATE SAMPLED: 02/22/90
DATE RECEIVED: 02/23/90
REPORT DATE: 03/20/90

MED-TOX LAB NO: 9002165-13A
MED-TOX JOB NO: 9002165
DATE ANALYZED: 03/06/90
INSTRUMENT: 12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acetone	67-64-1	ND	100
Benzene	71-43-2	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	10
2-Butanone	78-93-3	ND	100
Carbon Disulfide	75-15-0	ND	10
Carbon Tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
1,2-Dichloroethene, total	540-59-0	ND	5
1,2-Dichloropropane	78-87-5	ND	5
cis-1,3-Dichloropropene	10061-01-5	ND	5
trans-1,3-Dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
2-Hexanone	591-78-6	ND	50
Methylene Chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	50
Styrene	100-42-5	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	**108-88-3**	**70**	5
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	**79-01-6**	**9**	5
Vinyl Acetate	108-05-4	ND	50
Vinyl Chloride	75-01-4	ND	10
Xylenes, total	1330-20-7	ND	10

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C26(3.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/22/90
DATE RECEIVED: 02/23/90
REPORT DATE: 03/20/90

MED-TOX LAB NO: 9002165-09A
MED-TOX JOB NO: 9002165
DATE EXTRACTED: 03/05/90
DATE ANALYZED: 03/05/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzidine	92-87-5	ND	1600
Benzoic Acid	65-85-0	ND	1600
Benzo(a)anthracene	56-55-3	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(g,h,i)perylene	191-24-2	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzyl Alcohol	100-51-6	ND	660
Bis(2-chloroethoxy) methane	111-91-1	ND	330
Bis(2-chloroethyl)ether	111-44-4	ND	330
Bis(2-chloroisopropyl) ether	39638-32-9	ND	330
Bis(2-ethylhexyl) phthalate	117-81-7	ND	330
4-Bromophenyl phenyl ether	101-55-3	ND	330
Butylbenzyl phthalate	85-68-7	ND	330
4-Chloroaniline	106-47-8	ND	660
2-Chloronaphthalene	91-58-7	ND	330
4-Chlorophenyl phenyl ether	7005-72-3	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Dibenzofuran	132-64-9	ND	330
Di-n-butylphthalate	84-74-2	ND	330
1,2-Dichlorobenzene	95-50-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C26(3.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/22/90
DATE RECEIVED: 02/23/90
REPORT DATE: 03/20/90

MED-TOX LAB NO: 9002165-09A
MED-TOX JOB NO: 9002165
DATE EXTRACTED: 03/05/90
DATE ANALYZED: 03/05/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	330
1,4-Dichlorobenzene	106-46-7	ND	330
3,3'-Dichlorobenzidine	91-94-1	ND	660
Diethylphthalate	84-66-2	ND	330
Dimethylphthalate	131-11-3	ND	330
2,4-Dinitrotoluene	121-14-2	ND	330
2,6-Dinitrotoluene	606-20-2	ND	330
Di-n-octylphthalate	117-84-0	ND	330
1,2-Diphenylhydrazine	122-66-7	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Hexachlorobenzene	118-74-1	ND	330
Hexachlorobutadiene	87-68-3	ND	330
Hexachlorocyclopentadiene	77-47-4	ND	330
Hexachloroethane	67-72-1	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Isophorone	78-59-1	ND	330
2-Methylnaphthalene	91-57-6	ND	330
Naphthalene	91-20-3	ND	330
2-Nitroaniline	88-74-4	ND	1600
3-Nitroaniline	99-09-2	ND	1600
4-Nitroaniline	100-01-6	ND	1600
Nitrobenzene	98-95-3	ND	330
N-nitrosodimethylamine	62-75-9	ND	330
N-nitrosodiphenylamine	86-30-6	ND	330
N-nitroso-di-n-propylamine	621-64-7	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330
1,2,4-Trichlorobenzene	120-82-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C26(3.0)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/22/90
DATE RECEIVED: 02/23/90
REPORT DATE: 03/20/90

MED-TOX LAB NO: 9002165-09A
MED-TOX JOB NO: 9002165
DATE EXTRACTED: 03/05/90
DATE ANALYZED: 03/05/90
INSTRUMENT: 11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	330
2-Chlorophenol	95-57-8	ND	330
2,4-Dichlorophenol	120-83-2	ND	330
2,4-Dimethylphenol	105-67-9	ND	330
4,6-Dinitro-2-methylphenol	534-52-1	ND	1600
2,4-Dinitrophenol	51-28-5	ND	1600
2-Methylphenol	95-48-7	ND	330
4-Methylphenol	106-44-5	ND	330
2-Nitrophenol	88-75-5	ND	330
4-Nitrophenol	100-02-7	ND	1600
Pentachlorophenol	87-86-5	ND	1600
Phenol	108-95-2	ND	330
2,4,5-Trichlorophenol	95-95-4	ND	330
2,4,6-Trichlorophenol	88-06-2	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C24(3.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/22/90
DATE RECEIVED: 02/23/90
REPORT DATE: 03/20/90

MED-TOX LAB NO: 9002165-12A
MED-TOX JOB NO: 9002165
DATE EXTRACTED: 03/05/90
DATE ANALYZED: 03/05/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzidine	92-87-5	ND	1600
Benzoic Acid	65-85-0	ND	1600
Benzo(a)anthracene	56-55-3	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(g,h,i)perylene	191-24-2	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzyl Alcohol	100-51-6	ND	660
Bis(2-chloroethoxy) methane	111-91-1	ND	330
Bis(2-chloroethyl)ether	111-44-4	ND	330
Bis(2-chloroisopropyl) ether	39638-32-9	ND	330
Bis(2-ethylhexyl) phthalate	117-81-7	ND	330
4-Bromophenyl phenyl ether	101-55-3	ND	330
Butylbenzyl phthalate	85-68-7	ND	330
4-Chloroaniline	106-47-8	ND	660
2-Chloronaphthalene	91-58-7	ND	330
4-Chlorophenyl phenyl ether	7005-72-3	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Dibenzofuran	132-64-9	ND	330
Di-n-butylphthalate	84-74-2	ND	330
1,2-Dichlorobenzene	95-50-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C24(3.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/22/90
DATE RECEIVED: 02/23/90
REPORT DATE: 03/20/90

MED-TOX LAB NO: 9002165-12A
MED-TOX JOB NO: 9002165
DATE EXTRACTED: 03/05/90
DATE ANALYZED: 03/05/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	330
1,4-Dichlorobenzene	106-46-7	ND	330
3,3'-Dichlorobenzidine	91-94-1	ND	660
Diethylphthalate	84-66-2	ND	330
Dimethylphthalate	131-11-3	ND	330
2,4-Dinitrotoluene	121-14-2	ND	330
2,6-Dinitrotoluene	606-20-2	ND	330
Di-n-octylphthalate	117-84-0	ND	330
1,2-Diphenylhydrazine	122-66-7	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Hexachlorobenzene	118-74-1	ND	330
Hexachlorobutadiene	87-68-3	ND	330
Hexachlorocyclopentadiene	77-47-4	ND	330
Hexachloroethane	67-72-1	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Isophorone	78-59-1	ND	330
2-Methylnaphthalene	91-57-6	ND	330
Naphthalene	91-20-3	ND	330
2-Nitroaniline	88-74-4	ND	1600
3-Nitroaniline	99-09-2	ND	1600
4-Nitroaniline	100-01-6	ND	1600
Nitrobenzene	98-95-3	ND	330
N-nitrosodimethylamine	62-75-9	ND	330
N-nitrosodiphenylamine	86-30-6	ND	330
N-nitroso-di-n-propylamine	621-64-7	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330
1,2,4-Trichlorobenzene	120-82-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C24(3.5)B
CLIENT JOB NO: 1649
DATE SAMPLED: 02/22/90
DATE RECEIVED: 02/23/90
REPORT DATE: 03/20/90

MED-TOX LAB NO: 9002165-12A
MED-TOX JOB NO: 9002165
DATE EXTRACTED: 03/05/90
DATE ANALYZED: 03/05/90
INSTRUMENT: 11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	330
2-Chlorophenol	95-57-8	ND	330
2,4-Dichlorophenol	120-83-2	ND	330
2,4-Dimethylphenol	105-67-9	ND	330
4,6-Dinitro-2-methylphenol	534-52-1	ND	1600
2,4-Dinitrophenol	51-28-5	ND	1600
2-Methylphenol	95-48-7	ND	330
4-Methylphenol	106-44-5	ND	330
2-Nitrophenol	88-75-5	ND	330
4-Nitrophenol	100-02-7	ND	1600
Pentachlorophenol	87-86-5	ND	1600
Phenol	108-95-2	ND	330
2,4,5-Trichlorophenol	95-95-4	ND	330
2,4,6-Trichlorophenol	88-06-2	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C24(10.0)C
CLIENT JOB NO: 1649
DATE SAMPLED: 02/22/90
DATE RECEIVED: 02/23/90
REPORT DATE: 03/20/90

MED-TOX LAB NO: 9002165-13A
MED-TOX JOB NO: 9002165
DATE EXTRACTED: 03/05/90
DATE ANALYZED: 03/05/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenaphthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzidine	92-87-5	ND	1600
Benzoic Acid	65-85-0	ND	1600
Benzo(a)anthracene	56-55-3	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(g,h,i)perylene	191-24-2	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzyl Alcohol	100-51-6	ND	660
Bis(2-chloroethoxy) methane	111-91-1	ND	330
Bis(2-chloroethyl)ether	111-44-4	ND	330
Bis(2-chloroisopropyl) ether	39638-32-9	ND	330
Bis(2-ethylhexyl) phthalate	117-81-7	ND	330
4-Bromophenyl phenyl ether	101-55-3	ND	330
Butylbenzyl phthalate	85-68-7	ND	330
4-Chloroaniline	106-47-8	ND	660
2-Chloronaphthalene	91-58-7	ND	330
4-Chlorophenyl phenyl ether	7005-72-3	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Dibenzofuran	132-64-9	ND	330
Di-n-butylphthalate	84-74-2	ND	330
1,2-Dichlorobenzene	95-50-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C24(10.0)C
CLIENT JOB NO: 1649
DATE SAMPLED: 02/22/90
DATE RECEIVED: 02/23/90
REPORT DATE: 03/20/90

MED-TOX LAB NO: 9002165-13A
MED-TOX JOB NO: 9002165
DATE EXTRACTED: 03/05/90
DATE ANALYZED: 03/05/90
INSTRUMENT: 11

EPA METHOD 8270
GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	330
1,4-Dichlorobenzene	106-46-7	ND	330
3,3'-Dichlorobenzidine	91-94-1	ND	660
Diethylphthalate	84-66-2	ND	330
Dimethylphthalate	131-11-3	ND	330
2,4-Dinitrotoluene	121-14-2	ND	330
2,6-Dinitrotoluene	606-20-2	ND	330
Di-n-octylphthalate	117-84-0	ND	330
1,2-Diphenylhydrazine	122-66-7	ND	330
Fluoranthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Hexachlorobenzene	118-74-1	ND	330
Hexachlorobutadiene	87-68-3	ND	330
Hexachlorocyclopentadiene	77-47-4	ND	330
Hexachloroethane	67-72-1	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Isophorone	78-59-1	ND	330
2-Methylnaphthalene	91-57-6	ND	330
Naphthalene	91-20-3	ND	330
2-Nitroaniline	88-74-4	ND	1600
3-Nitroaniline	99-09-2	ND	1600
4-Nitroaniline	100-01-6	ND	1600
Nitrobenzene	98-95-3	ND	330
N-nitrosodimethylamine	62-75-9	ND	330
N-nitrosodiphenylamine	86-30-6	ND	330
N-nitroso-di-n-propylamine	621-64-7	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330
1,2,4-Trichlorobenzene	120-82-1	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: C24(10.0)C
CLIENT JOB NO: 1649
DATE SAMPLED: 02/22/90
DATE RECEIVED: 02/23/90
REPORT DATE: 03/20/90

MED-TOX LAB NO: 9002165-13A
MED-TOX JOB NO: 9002165
DATE EXTRACTED: 03/05/90
DATE ANALYZED: 03/05/90
INSTRUMENT: 11

EPA METHOD 8270

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	330
2-Chlorophenol	95-57-8	ND	330
2,4-Dichlorophenol	120-83-2	ND	330
2,4-Dimethylphenol	105-67-9	ND	330
4,6-Dinitro-2-methylphenol	534-52-1	ND	1600
2,4-Dinitrophenol	51-28-5	ND	1600
2-Methylphenol	95-48-7	ND	330
4-Methylphenol	106-44-5	ND	330
2-Nitrophenol	88-75-5	ND	330
4-Nitrophenol	100-02-7	ND	1600
Pentachlorophenol	87-86-5	ND	1600
Phenol	108-95-2	ND	330
2,4,5-Trichlorophenol	95-95-4	ND	330
2,4,6-Trichlorophenol	88-06-2	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B24(8.5)C
CLIENT JOB NO: 1649
DATE SAMPLED: 02/22/90
DATE RECEIVED: 02/23/90
REPORT DATE: 03/20/90

MED-TOX LAB NO: 9002165-03A
MED-TOX JOB NO: 9002165
DATE EXTRACTED: 03/05/90
DATE ANALYZED: 03/05/90
INSTRUMENT: 11

EPA METHOD 8270
POLYNUCLEAR AROMATIC HYDROCARBONS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	330
Acenapthylene	208-96-8	ND	330
Anthracene	120-12-7	ND	330
Benzo(a)anthracene	56-55-3	ND	330
Benzo(a)pyrene	50-32-8	ND	330
Benzo(b)fluoranthene	205-99-2	ND	330
Benzo(k)fluoranthene	207-08-9	ND	330
Benzo(ghi)perylene	191-24-2	ND	330
Chrysene	218-01-9	ND	330
Dibenzo(a,h)anthracene	53-70-3	ND	330
Fluoroanthene	206-44-0	ND	330
Fluorene	86-73-7	ND	330
Indeno(1,2,3-cd)pyrene	193-39-5	ND	330
Naphthalene	91-20-3	ND	330
Phenanthrene	85-01-8	ND	330
Pyrene	129-00-0	ND	330

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: B27(3.5)B
CLIENT JOB NO: 1649
DATE RECEIVED: 02/23/90

MED-TOX LAB NO: 9002165-05A
MED-TOX JOB NO: 9002165
REPORT DATE: 03/20/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	1.4	0.5	7060	V12
Be	Beryllium	0.5	0.2	7090	V22
Cd	Cadmium	ND	0.2	7130	V22
Cr	Chromium	31	1	7190	V22
Cu	Copper	14	1	7210	V22
Pb	Lead	4	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	24	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	24	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: C26(3.0)B
CLIENT JOB NO: 1649
DATE RECEIVED: 02/23/90

MED-TOX LAB NO: 9002165-09A
MED-TOX JOB NO: 9002165
REPORT DATE: 03/20/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	ND	0.5	7060	V12
Be	Beryllium	0.4	0.2	7090	V22
Cd	Cadmium	ND	0.2	7130	V22
Cr	Chromium	24	1	7190	V22
Cu	Copper	11	1	7210	V22
Pb	Lead	4	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	21	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	33	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

LEVINE-FRICKE

CLIENT ID: C24(10.0)C
CLIENT JOB NO: 1649
DATE RECEIVED: 02/23/90

MED-TOX LAB NO: 9002165-13A
MED-TOX JOB NO: 9002165
REPORT DATE: 03/20/90

PRIORITY POLLUTANT METALS

CODE	METAL	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Sb	Antimony	ND	5	7040	V22
As	Arsenic	1.6	0.5	7060	V12
Be	Beryllium	0.4	0.2	7090	V22
Cd	Cadmium	ND	0.2	7130	V22
Cr	Chromium	28	1	7190	V22
Cu	Copper	13	1	7210	V22
Pb	Lead	3	1	7420	V22
Hg	Mercury	ND	0.2	7471	Hg
Ni	Nickel	21	1	7520	V22
Se	Selenium	ND	1	7740	V12
Ag	Silver	ND	0.3	7760	V22
Tl	Thallium	ND	1	7840	V22
Zn	Zinc	30	2	7950	V22

ND = Not Detected

* INST. = Instrument Number

[redacted]-[redacted]3[redacted]
R-4, S -
R-1, S-C
C-1, S-4

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

9002165

Project No.: 1649	Field Logbook No.:	Date: [illegible]	Serial No.: № 7573
Project Name: SFPRC - YERBA BUENA	Project Location: Emeryville		

Sampler (Signature): CKGood

Samplers: CKG

SAMPLES / ANALYSES

SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CONTAINERS	SAMPLE TYPE	~~8010~~ ~~EPA 601~~	~~8240~~ ~~EPA 624~~	8015 TPH Gas	8015 TPH Diesel	Cam metals	5100	HOLD	RUSH	REMARKS
B24(2.0)A	2/22	9:15	1A	1	Soil							X		
B24(4.0)B	↓	9:20	2A	↓	↓				X					
B24(8.5)C	↓	9:30	3A	↓	↓				X		X			
B27(2.0)A	2/22	10:30	4A	1	Soil							X		
B27(3.5)B	↓	10:40	5A	↓	↓	X	X	X	X	X				
B27(9.5)C	↓	11:00	6A	↓	↓	X	X	X	X	X		X		
B27(14.5)	↓	11:15	7A	↓	↓							X		
B27W	2/22	11:45	~~14~~	2	Water	(X)	[redacted]	[redacted]	[redacted]					
B27W	↓	↓	14 G	↓	↓					X				* needs filtering
B27W	↓	↓	14 E,F	↓	↓				X					1-liter amber (2)
B27W	↓	↓	14 C,D	↓	↓			X						HCl preserved VOAs (2)
B27W	↓	↓	14 A,B	↓	↓		X							VOAs (2)
B27W	↓	↓	~~14~~	↓	↓	(X)								(No sample collected / use one of the 8015 TPH diesel sample bottles)

RELINQUISHED BY: (Signature) Christopher K Good	DATE 2/23/90	TIME 09:30	RECEIVED BY: (Signature) Fallon St John	DATE 2/23/90	TIME 09:30
RELINQUISHED BY: (Signature) Fallon St John	DATE 2/23/90	TIME 10:50	RECEIVED BY: (Signature)	DATE	TIME
RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature) Denise Harrington	DATE 2/23/90	TIME 1050
METHOD OF SHIPMENT:	DATE	TIME	LAB COMMENTS:		

Sample Collector: LEVINE-FRICKE, 1900 Powell Street, 12th Floor, Emeryville, Ca 94608, (415) 652-4500	Analytical Laboratory: Med Tox

Shipping Copy (White) Lab Copy (Green) File Copy (Yellow) Field Copy (Pink) FORM NO. 86/COC/ARF

9002165

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

Project No.: 1649	Field Logbook No.:	Date: 2/22/90	Serial No.: № 7585
Project Name: SFPRC - Yerba Buena	Project Location: Oakland + Emeryville, CA		
Sampler (Signature): CK Ford			Samplers: CKG

SAMPLES / ANALYSES

SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CONTAINERS	SAMPLE TYPE	8020 EPA 601	8240 EPA 624	8015	TPH [illegible]	CAM metals	4100	HOLD	RUSH	8270	REMARKS
C26(1.0)A	2/22	3:15	8A	1	Soil							X			
C26(3.0)B	↓	3:20	9A	↓	↓		X		X	X				X	
C26(10.0)C	↓	3:30	10A	↓	↓		X					X		X	
C26W	2/22	3:45	15 G,H	2	Water									X	
C26W	↓	↓	15 E,F	↓	↓				X	Hold		X			
C26W	↓	↓	15 I	↓	↓		[redacted]			X		X			* Needs filtering
C26W	↓	↓	15 A,B	↓	↓		X								
C26W	↓	↓	15 C,D	↓	↓			X				X			
C24(1.0)A	2/22	4:10	11A	1	Soil							X			
C24(3.5)B	↓	4:15	12A	↓	↓		X							X	
C24(10.0)C	↓	4:35	13A	↓	↓		X			X				X	

RELINQUISHED BY: (Signature) Christopher K Ford	DATE 2/23/90	TIME 09:30	RECEIVED BY: (Signature) Lavon St John	DATE 2/23/90	TIME 09:30
RELINQUISHED BY: (Signature) L St John	DATE 2/27/90	TIME 10:30	RECEIVED BY: (Signature)	DATE	TIME
RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	DATE	TIME
METHOD OF SHIPMENT:	DATE	TIME	LAB COMMENTS:		

Sample Collector: LEVINE-FRICKE 1900 Powell Street, 12th Floor Emeryville, Ca 94608 (415) 652-4500	Analytical Laboratory: Med Tox

Shipping Copy (White) Lab Copy (Green) File Copy (Yellow) Field Copy (Pink) FORM NO. 86/COC/ARF

9002165

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

Project No.: 1649	Field Logbook No.:	Date: 2/22/90	Serial No.: № 7587
Project Name: SFPRC - Yerba Buena	Project Location: Oakland + Emeryville, CA		
Sampler (Signature): CKGood			Samplers: CKG

SAMPLES / **ANALYSES**

SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CON-TAINERS	SAMPLE TYPE	8010 (EPA 601)	8240 (EPA 624)	[illegible]	[illegible]	Cam [illegible]	8100	HOLD	RUSH	REMARKS (8270)
C24W	2/22	5:00	16 G	2	Water					X		X		* Needs filtering
C24W	↓	↓	16 E,F	↓	↓							X	X	
C24W	↓	↓	16 C,D	↓	↓				X			X		2 VOAs
C24W	↓	↓	16 A,B	↓	↓		X					X		2 VOAs

RELINQUISHED BY: (Signature) Christopher K Good	DATE 2/23/90	TIME 09:30	RECEIVED BY: (Signature) Lavon St John	DATE 2/23/90	TIME 09:30
RELINQUISHED BY: (Signature) L St John	DATE 2/23/90	TIME 10:50	RECEIVED BY: (Signature)	DATE	TIME
RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	DATE	TIME
METHOD OF SHIPMENT:	DATE	TIME	LAB COMMENTS:		

Sample Collector: LEVINE-FRICKE
1900 Powell Street, 12th Floor
Emeryville, Ca 94608
(415) 652-4500

Analytical Laboratory: Med Tox

Shipping Copy (White) Lab Copy (Green) File Copy (Yellow) Field Copy (Pink) FORM NO. 86/COC/ARF

FILE
1649

MED-TOX ASSOCIATES, INC.

ENVIRONMENTAL & OCCUPATIONAL HEALTH SERVICES

3440 Vincent Road • Pleasant Hill, CA 94523 • (415) 930-9090

LABORATORY ANALYSIS REPORT

LEVINE-FRICKE
1900 POWELL STREET
12TH FLOOR
EMERYVILLE, CA 94608
ATTN: AMANDA SPENCER

REPORT DATE: 05/07/90

DATE SAMPLED: 04/13-18/90

DATE RECEIVED: 04/19/90

CLIENT ID NO: 1649

MED-TOX JOB NO: 9004108

ANALYSIS OF: SOIL SAMPLES FOR LEAD AND PURGEABLE HALOCARBONS

See attached for results

Jack Sheets, Manager
Inorganic Laboratory

Results FAXed to Amanda Spencer 04/30/90

LEVINE-FRICKE

CLIENT ID NO: 1649

REPORT DATE: 05/07/90

MED-TOX JOB NO: 9004108

Sample Identification Client Id.	Lab No.	Lead (mg/kg)
SG-7-0.5	01A	7
SG-7-3	02A	15
SG-6-3	05A	42
SG-6-0.5	06A	52
SS-3-0.5	09A	200
SS-5-0.5	10A	15
SS-4-0.5	11A	14
SS-4-3.0	13A	ND
SS-2-0.5	16A	7
SS-10-2	17A	29
SS-11-1	18A	94
SS-9-1.5	19A	90
SS-8-7"	23A	200
SS-8-1.5	26A	30
SS-1-3.0	27A	50
SS-2-3.5	28A	1,300
SS-1-0.5	30A	9
Detection limit		5
EPA Method		7420
Instrument		V22

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: SS-23-2.5
CLIENT JOB NO: 1649
DATE SAMPLED: 04/18/90
DATE RECEIVED: 04/19/90
REPORT DATE: 05/07/90

MED-TOX LAB NO: 9004108-31A
MED-TOX JOB NO: 9004108

DATE ANALYZED: 04/23-27/90
INSTRUMENT: 6,12

EPA METHOD 8010
PURGEABLE HALOCARBONS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Bromodichloromethane	75-27-4	ND	1
Bromoform	75-25-2	ND	1
Bromomethane	74-83-9	ND	1
Carbon Tetrachloride	56-23-5	ND	1
Chlorobenzene	108-90-7	ND	1
Chloroethane	75-00-3	ND	1
2-Chloroethyl Vinyl Ether	110-75-8	ND	1
Chloroform	67-66-3	ND	1
Chloromethane	74-87-3	ND	1
Dibromochloromethane	124-48-1	ND	1
1,2-Dichlorobenzene	95-50-1	ND	1
1,3-Dichlorobenzene	541-73-1	ND	1
1,4-Dichlorobenzene	106-46-7	ND	1
Dichlorodifluoromethane	75-71-8	ND	1
1,1-Dichloroethane	75-34-3	ND	1
1,2-Dichloroethane	107-06-2	ND	1
1,1-Dichloroethene	75-35-4	ND	1
1,2-Dichloroethene, total	540-59-0	ND	1
1,2-Dichloropropane	78-87-5	ND	1
cis-1,3-Dichloropropene	10061-01-5	ND	1
trans-1,3-Dichloropropene	10061-02-6	ND	1
Methylene Chloride	75-09-2	ND	1
1,1,2,2-Tetrachloroethane	79-34-5	ND	1
Tetrachloroethene	127-18-4	ND	1
1,1,1-Trichloroethane	71-55-6	ND	1
1,1,2-Trichloroethane	79-00-5	ND	1
Trichloroethene	79-01-6	ND	1
Trichlorofluoromethane	75-69-4	ND	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	1
Vinyl Chloride	75-01-4	ND	1

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: SS-23-6
CLIENT JOB NO: 1649
DATE SAMPLED: 04/18/90
DATE RECEIVED: 04/19/90
REPORT DATE: 05/07/90

MED-TOX LAB NO: 9004108-33A
MED-TOX JOB NO: 9004108

DATE ANALYZED: 04/24-27/90
INSTRUMENT: 6,12

EPA METHOD 8010
PURGEABLE HALOCARBONS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Bromodichloromethane	75-27-4	ND	1
Bromoform	75-25-2	ND	1
Bromomethane	74-83-9	ND	1
Carbon Tetrachloride	56-23-5	ND	1
Chlorobenzene	108-90-7	ND	1
Chloroethane	75-00-3	ND	1
2-Chloroethyl Vinyl Ether	110-75-8	ND	1
Chloroform	67-66-3	ND	1
Chloromethane	74-87-3	ND	1
Dibromochloromethane	124-48-1	ND	1
1,2-Dichlorobenzene	95-50-1	ND	1
1,3-Dichlorobenzene	541-73-1	ND	1
1,4-Dichlorobenzene	106-46-7	ND	1
Dichlorodifluoromethane	75-71-8	ND	1
1,1-Dichloroethane	**75-34-3**	**3**	1
1,2-Dichloroethane	107-06-2	ND	1
1,1-Dichloroethene	**75-35-4**	**7**	1
1,2-Dichloroethene, total	540-59-0	ND	1
1,2-Dichloropropane	78-87-5	ND	1
cis-1,3-Dichloropropene	10061-01-5	ND	1
trans-1,3-Dichloropropene	10061-02-6	ND	1
Methylene Chloride	75-09-2	ND	1
1,1,2,2-Tetrachloroethane	79-34-5	ND	1
Tetrachloroethene	127-18-4	ND	1
1,1,1-Trichloroethane	71-55-6	ND	1
1,1,2-Trichloroethane	79-00-5	ND	1
Trichloroethene	79-01-6	ND	1
Trichlorofluoromethane	75-69-4	ND	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	1
Vinyl Chloride	75-01-4	ND	1

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: SS-24-5.5
CLIENT JOB NO: 1649
DATE SAMPLED: 04/18/90
DATE RECEIVED: 04/19/90
REPORT DATE: 05/07/90

MED-TOX LAB NO: 9004108-34A
MED-TOX JOB NO: 9004108

DATE ANALYZED: 04/24-27/90
INSTRUMENT: 6,12

EPA METHOD 8010
PURGEABLE HALOCARBONS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Bromodichloromethane	75-27-4	ND	1
Bromoform	75-25-2	ND	1
Bromomethane	74-83-9	ND	1
Carbon Tetrachloride	56-23-5	ND	1
Chlorobenzene	108-90-7	ND	1
Chloroethane	75-00-3	ND	1
2-Chloroethyl Vinyl Ether	110-75-8	ND	1
Chloroform	67-66-3	ND	1
Chloromethane	74-87-3	ND	1
Dibromochloromethane	124-48-1	ND	1
1,2-Dichlorobenzene	95-50-1	ND	1
1,3-Dichlorobenzene	541-73-1	ND	1
1,4-Dichlorobenzene	106-46-7	ND	1
Dichlorodifluoromethane	75-71-8	ND	1
1,1-Dichloroethane	75-34-3	ND	1
1,2-Dichloroethane	107-06-2	ND	1
1,1-Dichloroethene	75-35-4	ND	1
1,2-Dichloroethene, total	540-59-0	ND	1
1,2-Dichloropropane	78-87-5	ND	1
cis-1,3-Dichloropropene	10061-01-5	ND	1
trans-1,3-Dichloropropene	10061-02-6	ND	1
Methylene Chloride	75-09-2	ND	1
1,1,2,2-Tetrachloroethane	79-34-5	ND	1
Tetrachloroethene	127-18-4	ND	1
1,1,1-Trichloroethane	71-55-6	ND	1
1,1,2-Trichloroethane	79-00-5	ND	1
Trichloroethene	79-01-6	ND	1
Trichlorofluoromethane	75-69-4	ND	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	1
Vinyl Chloride	75-01-4	ND	1

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: SS-24-2.5
CLIENT JOB NO: 1649
DATE SAMPLED: 04/18/90
DATE RECEIVED: 04/19/90
REPORT DATE: 05/07/90

MED-TOX LAB NO: 9004108-35A
MED-TOX JOB NO: 9004108

DATE ANALYZED: 04/24-27/90
INSTRUMENT: 6,12

EPA METHOD 8010
PURGEABLE HALOCARBONS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Bromodichloromethane	75-27-4	ND	1
Bromoform	75-25-2	ND	1
Bromomethane	74-83-9	ND	1
Carbon Tetrachloride	56-23-5	ND	1
Chlorobenzene	108-90-7	ND	1
Chloroethane	75-00-3	ND	1
2-Chloroethyl Vinyl Ether	110-75-8	ND	1
Chloroform	67-66-3	ND	1
Chloromethane	74-87-3	ND	1
Dibromochloromethane	124-48-1	ND	1
1,2-Dichlorobenzene	95-50-1	ND	1
1,3-Dichlorobenzene	541-73-1	ND	1
1,4-Dichlorobenzene	106-46-7	ND	1
Dichlorodifluoromethane	75-71-8	ND	1
1,1-Dichloroethane	75-34-3	ND	1
1,2-Dichloroethane	107-06-2	ND	1
1,1-Dichloroethene	75-35-4	ND	1
1,2-Dichloroethene, total	540-59-0	ND	1
1,2-Dichloropropane	78-87-5	ND	1
cis-1,3-Dichloropropene	10061-01-5	ND	1
trans-1,3-Dichloropropene	10061-02-6	ND	1
Methylene Chloride	75-09-2	ND	1
1,1,2,2-Tetrachloroethane	79-34-5	ND	1
Tetrachloroethene	127-18-4	ND	1
1,1,1-Trichloroethane	71-55-6	ND	1
1,1,2-Trichloroethane	79-00-5	ND	1
Trichloroethene	79-01-6	ND	1
Trichlorofluoromethane	75-69-4	ND	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	1
Vinyl Chloride	75-01-4	ND	1

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: SS-25-6.5
CLIENT JOB NO: 1649
DATE SAMPLED: 04/18/90
DATE RECEIVED: 04/19/90
REPORT DATE: 05/07/90

MED-TOX LAB NO: 9004108-36A
MED-TOX JOB NO: 9004108

DATE ANALYZED: 04/24-27/90
INSTRUMENT: 6,12

EPA METHOD 8010
PURGEABLE HALOCARBONS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Bromodichloromethane	75-27-4	ND	1
Bromoform	75-25-2	ND	1
Bromomethane	74-83-9	ND	1
Carbon Tetrachloride	56-23-5	ND	1
Chlorobenzene	108-90-7	ND	1
Chloroethane	75-00-3	ND	1
2-Chloroethyl Vinyl Ether	110-75-8	ND	1
Chloroform	67-66-3	ND	1
Chloromethane	74-87-3	ND	1
Dibromochloromethane	124-48-1	ND	1
1,2-Dichlorobenzene	95-50-1	ND	1
1,3-Dichlorobenzene	541-73-1	ND	1
1,4-Dichlorobenzene	106-46-7	ND	1
Dichlorodifluoromethane	75-71-8	ND	1
1,1-Dichloroethane	75-34-3	ND	1
1,2-Dichloroethane	107-06-2	ND	1
1,1-Dichloroethene	**75-35-4**	**3**	1
1,2-Dichloroethene, total	540-59-0	ND	1
1,2-Dichloropropane	78-87-5	ND	1
cis-1,3-Dichloropropene	10061-01-5	ND	1
trans-1,3-Dichloropropene	10061-02-6	ND	1
Methylene Chloride	75-09-2	ND	1
1,1,2,2-Tetrachloroethane	79-34-5	ND	1
Tetrachloroethene	127-18-4	ND	1
1,1,1-Trichloroethane	**71-55-6**	**1**	1
1,1,2-Trichloroethane	79-00-5	ND	1
Trichloroethene	79-01-6	ND	1
Trichlorofluoromethane	75-69-4	ND	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	1
Vinyl Chloride	75-01-4	ND	1

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: SS-25-3
CLIENT JOB NO: 1649
DATE SAMPLED: 04/18/90
DATE RECEIVED: 04/19/90
REPORT DATE: 05/07/90

MED-TOX LAB NO: 9004108-37A
MED-TOX JOB NO: 9004108

DATE ANALYZED: 04/24-27/90
INSTRUMENT: 6,12

EPA METHOD 8010
PURGEABLE HALOCARBONS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Bromodichloromethane	75-27-4	ND	1
Bromoform	75-25-2	ND	1
Bromomethane	74-83-9	ND	1
Carbon Tetrachloride	56-23-5	ND	1
Chlorobenzene	108-90-7	ND	1
Chloroethane	75-00-3	ND	1
2-Chloroethyl Vinyl Ether	110-75-8	ND	1
Chloroform	67-66-3	ND	1
Chloromethane	74-87-3	ND	1
Dibromochloromethane	124-48-1	ND	1
1,2-Dichlorobenzene	95-50-1	ND	1
1,3-Dichlorobenzene	541-73-1	ND	1
1,4-Dichlorobenzene	106-46-7	ND	1
Dichlorodifluoromethane	75-71-8	ND	1
1,1-Dichloroethane	75-34-3	ND	1
1,2-Dichloroethane	107-06-2	ND	1
1,1-Dichloroethene	75-35-4	ND	1
1,2-Dichloroethene, total	540-59-0	ND	1
1,2-Dichloropropane	78-87-5	ND	1
cis-1,3-Dichloropropene	10061-01-5	ND	1
trans-1,3-Dichloropropene	10061-02-6	ND	1
Methylene Chloride	75-09-2	ND	1
1,1,2,2-Tetrachloroethane	79-34-5	ND	1
Tetrachloroethene	127-18-4	ND	1
1,1,1-Trichloroethane	71-55-6	ND	1
1,1,2-Trichloroethane	79-00-5	ND	1
Trichloroethene	79-01-6	ND	1
Trichlorofluoromethane	75-69-4	ND	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	1
Vinyl Chloride	75-01-4	ND	1

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: SS-22-8
CLIENT JOB NO: 1649
DATE SAMPLED: 04/18/90
DATE RECEIVED: 04/19/90
REPORT DATE: 05/07/90

MED-TOX LAB NO: 9004108-40A
MED-TOX JOB NO: 9004108

DATE ANALYZED: 04/25-27/90
INSTRUMENT: 6,12

EPA METHOD 8010
PURGEABLE HALOCARBONS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Bromodichloromethane	75-27-4	ND	1
Bromoform	75-25-2	ND	1
Bromomethane	74-83-9	ND	1
Carbon Tetrachloride	56-23-5	ND	1
Chlorobenzene	108-90-7	ND	1
Chloroethane	75-00-3	ND	1
2-Chloroethyl Vinyl Ether	110-75-8	ND	1
Chloroform	67-66-3	ND	1
Chloromethane	74-87-3	ND	1
Dibromochloromethane	124-48-1	ND	1
1,2-Dichlorobenzene	95-50-1	ND	1
1,3-Dichlorobenzene	541-73-1	ND	1
1,4-Dichlorobenzene	106-46-7	ND	1
Dichlorodifluoromethane	75-71-8	ND	1
1,1-Dichloroethane	75-34-3	ND	1
1,2-Dichloroethane	107-06-2	ND	1
1,1-Dichloroethene	75-35-4	ND	1
1,2-Dichloroethene, total	540-59-0	ND	1
1,2-Dichloropropane	78-87-5	ND	1
cis-1,3-Dichloropropene	10061-01-5	ND	1
trans-1,3-Dichloropropene	10061-02-6	ND	1
Methylene Chloride	75-09-2	ND	1
1,1,2,2-Tetrachloroethane	79-34-5	ND	1
Tetrachloroethene	127-18-4	ND	1
1,1,1-Trichloroethane	71-55-6	ND	1
1,1,2-Trichloroethane	79-00-5	ND	1
Trichloroethene	79-01-6	ND	1
Trichlorofluoromethane	75-69-4	ND	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	1
Vinyl Chloride	75-01-4	ND	1

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: SS-21-5
CLIENT JOB NO: 1649
DATE SAMPLED: 04/18/90
DATE RECEIVED: 04/19/90
REPORT DATE: 05/07/90

MED-TOX LAB NO: 9004108-42A
MED-TOX JOB NO: 9004108

DATE ANALYZED: 04/25-27/90
INSTRUMENT: 6,12

EPA METHOD 8010
PURGEABLE HALOCARBONS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Bromodichloromethane	75-27-4	ND	1
Bromoform	75-25-2	ND	1
Bromomethane	74-83-9	ND	1
Carbon Tetrachloride	56-23-5	ND	1
Chlorobenzene	108-90-7	ND	1
Chloroethane	75-00-3	ND	1
2-Chloroethyl Vinyl Ether	110-75-8	ND	1
Chloroform	67-66-3	ND	1
Chloromethane	74-87-3	ND	1
Dibromochloromethane	124-48-1	ND	1
1,2-Dichlorobenzene	95-50-1	ND	1
1,3-Dichlorobenzene	541-73-1	ND	1
1,4-Dichlorobenzene	106-46-7	ND	1
Dichlorodifluoromethane	75-71-8	ND	1
1,1-Dichloroethane	75-34-3	ND	1
1,2-Dichloroethane	107-06-2	ND	1
1,1-Dichloroethene	75-35-4	ND	1
1,2-Dichloroethene, total	540-59-0	ND	1
1,2-Dichloropropane	78-87-5	ND	1
cis-1,3-Dichloropropene	10061-01-5	ND	1
trans-1,3-Dichloropropene	10061-02-6	ND	1
Methylene Chloride	75-09-2	ND	1
1,1,2,2-Tetrachloroethane	79-34-5	ND	1
Tetrachloroethene	127-18-4	ND	1
1,1,1-Trichloroethane	71-55-6	ND	1
1,1,2-Trichloroethane	79-00-5	ND	1
Trichloroethene	79-01-6	ND	1
Trichlorofluoromethane	75-69-4	ND	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	1
Vinyl Chloride	75-01-4	ND	1

ND = Not Detected

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

9004108

Project No.:	Field Logbook No.:	Date:	Serial No.:
Project Name:	Project Location:		No. 7814
Sampler (Signature):			Samplers:

SAMPLES						ANALYSES								
SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CONTAINERS	SAMPLE TYPE	EPA 601	EPA 624	TPH	Lead			HOLD	RUSH	REMARKS
SS-1-3.0	4/13	9:25	27A		Soil			✓						
SS-2-3.0	4/13	9:50	28A		Soil			✓						Normal Turnaround Time
SS-2-5.5	4/13	—	29A		Soil			✓				✓		
SS-1-6.5	4/13	9:10	30A		Soil			✓						
SS-23-2.5	4/16	16:15	31A		Soil				✓					
SS-25-8.5	4/18	15:55	32A		Soil				✓			✓		
SS-23-6	4/18	16:20	33A		Soil				✓					
SS-24-5.5	4/18	15:55	34A		Soil				✓					
SS-24-2.5	4/18	15:30	35A		Soil				✓					
SS-25-6.5	4/16	15:32	36A		Soil				✓					
SS-25-3	4/18	15:30	37A		Soil				✓					
SS-23-8.5	4/18	16:22	38A		Soil				✓			✓		
SS-24-8.5	4/18	16:00	39A		Soil				✓			✓		
SS-22-5	4/18	14:40	40A		Soil				✓					
SS-21-3	4/18	14:00	41A		Soil				✓			✓		
SS-21-5	4/16	14:02	42A		Soil				✓					

RELINQUISHED BY: (Signature)	DATE 4/19/90	TIME 16:00	RECEIVED BY: (Signature)	DATE 4/19/90	TIME 10:00
RELINQUISHED BY: (Signature)	DATE 4/19/90	TIME 14:10	RECEIVED BY: (Signature)	DATE 4/19/90	TIME 14:10
RELINQUISHED BY: (Signature)	DATE 4/19/90	TIME 16:20	RECEIVED BY: (Signature)	DATE 4/19/90	TIME 16:20
METHOD OF SHIPMENT:	DATE	TIME	LAB COMMENTS:		

Sample Collector:
LEVINE-FRICKE
1900 Powell Street, 12th Floor
Emeryville, Ca 94608
(415) 652-4500

Analytical Laboratory:
MED TOX

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R-4,5-K

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

9007108

Project No.: 1649	Field Logbook No.:	Date: 4/18/90	Serial No.: No 7813
Project Name: Yerba Buena	Project Location: Emeryville, Ca.		
Sampler (Signature): Jennifer Catt			

SAMPLES						ANALYSES									Samplers:
SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CONTAINERS	SAMPLE TYPE	EPA 601	EPA 624	TPH				HOLD	RUSH	REMARKS
SG-7-1.5	4/13	1145	1A		Soil			✓						
SG-7-3	4/13	1155	2A		"			✓						
SG-7-8.5	4/13	1150	3A		"			✓				✓		
SG 5-6	4/13	1105	4A		"			✓				✓		Normal TAT
SG 6-3	4/13	1125	5A		"			✓						
SG 6 6.5	4/13	1120	6A		"			✓						
SS-3-3.5	4/13	1000	7A		"			✓				✓		
SS 3-5	4/13	1035	8A		"			✓				✓		
SS 3-6.5	4/13	1000	9A		"			✓						
SS-5-6.5	4/13	1100	10A		"			✓						
SS-4-6.5	4/13	1040	11A		"			✓						
SS-6 5	4/13	1125	12A		"			✓				✓		
SS-4-3.6	4/13	1015	13A		"			✓						
SS-2-5	4/13	930	14A		"			✓				✓		
SS 4-6	4/13	1050	15A		"			✓				✓		
SS-2-6.5	4/13	945	16A		"			✓						

RELINQUISHED BY: (Signature) Jennifer Catt	DATE 4/19/90	TIME 10	RECEIVED BY: (Signature) William Regnery	DATE 4/19/90	TIME 10:00
RELINQUISHED BY: (Signature) William Regnery	DATE 4/19/90	TIME 14:10	RECEIVED BY: (Signature)	DATE 4/19/90	TIME 14.10
RELINQUISHED BY: (Signature)	DATE 4/19/90	TIME 1630	RECEIVED BY (Signature) J. Van Vleck	DATE 4/19/90	TIME 1630
METHOD OF SHIPMENT:	DATE	TIME	LAB COMMENTS:		

Sample Collector:
LEVINE-FRICKE
1900 Powell Street, 12th Floor
Emeryville, Ca 94608
(415) 652-4500

Analytical Laboratory:
MEC Tex

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CHAIN OF CUSTODY / ANALYSES REQUEST FORM

9604108

Project No.: 1649	Field Logbook No.:	Date: 4/18/90	Serial No.: No 7805
Project Name: Ye Olde Burger	Project Location: Emeryville, CA		
Sampler (Signature): Jennifer Carter			Samplers:

SAMPLES						ANALYSES								
SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CONTAINERS	SAMPLE TYPE	EPA 601	EPA 624	pH				HOLD	RUSH	REMARKS
SS 10-2	4/13	1447	17A	1	Soil			✓						
SS-11-2	4/13	1335	18A	"	"			✓						
SS-9-1.5	4/13	1424	19A	"	"			✓						NORMAL TURNAROUND TIME
SS-10-3.5	4/13	14:50	20A	"	"			✓				✓		
SS-11-5'	4/13	—	21A	"	"			✓				✓		
SS-8-5	4/13	1345	22A	"	"			✓				✓		
SS-8-7"	4/13	—	23A	"	"			✓						
SS-10-5.5	4/13	1455	24A	"	"			✓				✓		
SS-9-7.5	4/13	1430	25A	"	"			✓				✓		
SS 8-1.5	4/13	1235	26A	"	"			✓						

RELINQUISHED BY: (Signature) Jennifer Carter	DATE 4/14/90	TIME 1000	RECEIVED BY: (Signature) William Hegarty	DATE 4/19/90	TIME 10:00
RELINQUISHED BY: (Signature) William Hegarty	DATE 4/19/90	TIME 14:10	RECEIVED BY: (Signature)	DATE 4/19/90	TIME 14:10
RELINQUISHED BY: (Signature)	DATE 4/19/90	TIME 17:20	RECEIVED BY: (Signature) D. Van Vleck	DATE 4/19/90	TIME 1620
METHOD OF SHIPMENT:	DATE	TIME	LAB COMMENTS:		

Sample Collector:
LEVINE-FRICKE
1900 Powell Street, 12th Floor
Emeryville, Ca 94608
(415) 652-4500

Analytical Laboratory:
Med Tox

Shipping C (White) Lab Copy (Green) File Copy (Yellow) d Copy (Pink) FORM N 6/COC/ARF

FILE
1649

MED-TOX ASSOCIATES, INC.

ENVIRONMENTAL & OCCUPATIONAL HEALTH SERVICES

3440 Vincent Road Pleasant Hill, CA 94523 • (415) 930-9090 • FAX# (415) 930-0256

LABORATORY ANALYSIS REPORT

LEVINE-FRICKE
1900 POWELL STREET, 12 FL.
EMERYVILLE, CA 94608

REPORT DATE: 05/21/90

DATE SAMPLED: 04/18/90
DATE RECEIVED: 04/19/90

ATTN: AMANDA SPENCER

ADDITIONAL ANALYSIS REQUESTED: 05/09/90

CLIENT ID NO: 1649

MED-TOX JOB NO: 9005098

ANALYSIS OF: SOIL SAMPLES FOR ZINC

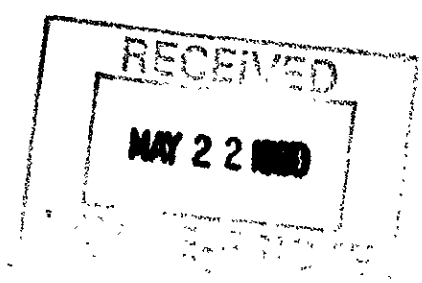
Sample Identification Client Id.	Lab No.	Zinc (mg/kg)
SS-13-0.5	01A	71
SS-12-0.5	02A	75
SS-14-0.5	03A	990
SS-15-0.5	04A	84
SS-17-0.5	05A	180
SS-16-0.5	06A	94
Detection limit		2

EPA Method: 7950

Instrument: V22

Jack Sheets, Manager
Inorganic Laboratory

Results FAXed to Amanda Spencer 05/17/90



C-1, S-2

~~R-4, S-3~~ CHAIN OF CUSTODY / ANALYSES REQUEST FORM

10050'3

900409

Project No.: 1649	Field Logbook No.:	Date: 4/18/90	Serial No.: No. 7806
Project Name: Yerba Buena	Project Location: Emeryville		
Sampler (Signature): Jennifer Carter			

SAMPLES / ANALYSES

SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CONTAINERS	SAMPLE TYPE	EPA 601	EPA 624	Pb	ZINC	HOLD	RUSH	REMARKS
SS-13-3	4/18/90	959	1A		Soil			✓		✓		
SS-13-0.5	4/18/90	950	2A 01A		Soil			✓	X			
SS-12-0.5	4/18	1015	3A 02A		Soil			✓	X			NORMAL
SS-12-3.0	4/18	1017	4A		Soil			✓				TURNAROUND
SS-14-0.5	4/18	1040	5A 03A		Soil			✓	X			TIME
SS-14-3	4/18	1045	6A		Soil			✓				
SS-15-0.5	4/18	1100	7A 04A		Soil			✓	X			
SS-15-3	4/18	1105	8A		Soil			✓		✓		
SS-17-0.5	4/18	1125	9A 05A		Soil			✓	X			
SS-17-3	4/18	1128	10A		Soil			✓				
SS-16-0.5	4/18	1135	11A 06A		Soil			✓	X			
SS-16-3	4/18	1140	12A		Soil			✓		✓		

RELINQUISHED BY: (Signature) Jennifer Carter	DATE 4/19/90	TIME 10:00	RECEIVED BY: (Signature) William Hegarty	DATE 4/19/90	TIME 10:00
RELINQUISHED BY: (Signature) William Hegarty	DATE 4/19/90	TIME 14:10	RECEIVED BY: (Signature) S. St John	DATE 4/19/90	TIME 14:10
RELINQUISHED BY: (Signature) S. St John	DATE 4/19/90	TIME 4:20	RECEIVED BY: (Signature) Van Vleck	DATE 4/19/90	TIME 16:20
METHOD OF SHIPMENT:	DATE	TIME	LAB COMMENTS:		

Sample Collector:
LEVINE-FRICKE
1900 Powell Street, 12th Floor
Emeryville, Ca 94608
(415) 652-4500

Analytical Laboratory:
MEDALOX

Shipping Copy (White) Lab Copy (Green) File Copy (Yellow) Field Copy (Pink) FORM NO. 86/COC/ARF

FILE
1649

MED-TOX ASSOCIATES, INC.

ENVIRONMENTAL & OCCUPATIONAL HEALTH SERVICES
3440 Vincent Road Pleasant Hill, CA 94523 • (415) 930-9090 • FAX# (415) 930-0256

LABORATORY ANALYSIS REPORT

LEVINE-FRICKE
1900 POWELL STREET
12TH FLOOR
EMERYVILLE, CA 94608
ATTN: AMANDA SPENCER

REPORT DATE: 05/07/90
DATE SAMPLED: 04/18/90
DATE RECEIVED: 04/19/90

CLIENT ID NO: 1649

MED-TOX JOB NO: 9004109

ANALYSIS OF: SOIL SAMPLES FOR LEAD AND PURGEABLE HALOCARBONS

Sample Identification Client Id.	Lab No.	Lead (mg/kg)
SS-13-0.5	02A	40
SS-12-0.5	03A	50
SS-12-3.0	04A	6
SS-14-0.5	05A	400
SS-14-3	06A	8
SS-15-0.5	07A	63
SS-17-0.5	09A	83
SS-17-3	10A	10
SS-16-0.5	11A	41
Detection limit		5
EPA Method		7420
Instrument		V22

RECEIVED
MAY - 8 1990
LEVINE-FRICKE

Jack Sheets, Manager
Inorganic Laboratory

Results FAXed to Amanda Spencer 04/30/90

LEVINE-FRICKE

CLIENT ID: SS-22-3
CLIENT JOB NO: 1649
DATE SAMPLED: 04/18/90
DATE RECEIVED: 04/19/90
REPORT DATE: 05/07/90

MED-TOX LAB NO: 9004109-13A
MED-TOX JOB NO: 9004109

DATE ANALYZED: 04/25-28/90
INSTRUMENT: 6,12

EPA METHOD 8010
PURGEABLE HALOCARBONS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Bromodichloromethane	75-27-4	ND	1
Bromoform	75-25-2	ND	1
Bromomethane	74-83-9	ND	1
Carbon Tetrachloride	56-23-5	ND	1
Chlorobenzene	108-90-7	ND	1
Chloroethane	75-00-3	ND	1
2-Chloroethyl Vinyl Ether	110-75-8	ND	1
Chloroform	67-66-3	ND	1
Chloromethane	74-87-3	ND	1
Dibromochloromethane	124-48-1	ND	1
1,2-Dichlorobenzene	95-50-1	ND	1
1,3-Dichlorobenzene	541-73-1	ND	1
1,4-Dichlorobenzene	106-46-7	ND	1
Dichlorodifluoromethane	75-71-8	ND	1
1,1-Dichloroethane	75-34-3	ND	1
1,2-Dichloroethane	107-06-2	ND	1
1,1-Dichloroethene	75-35-4	ND	1
1,2-Dichloroethene, total	540-59-0	ND	1
1,2-Dichloropropane	78-87-5	ND	1
cis-1,3-Dichloropropene	10061-01-5	ND	1
trans-1,3-Dichloropropene	10061-02-6	ND	1
Methylene Chloride	75-09-2	ND	1
1,1,2,2-Tetrachloroethane	79-34-5	ND	1
Tetrachloroethene	127-18-4	ND	1
1,1,1-Trichloroethane	71-55-6	ND	1
1,1,2-Trichloroethane	79-00-5	ND	1
Trichloroethene	79-01-6	ND	1
Trichlorofluoromethane	75-69-4	ND	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	1
Vinyl Chloride	75-01-4	ND	1

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: SS-21-8
CLIENT JOB NO: 1649
DATE SAMPLED: 04/18/90
DATE RECEIVED: 04/19/90
REPORT DATE: 05/07/90

MED-TOX LAB NO: 9004109-14A
MED-TOX JOB NO: 9004109

DATE ANALYZED: 04/25-28/90
INSTRUMENT: 8,12

EPA METHOD 8010
PURGEABLE HALOCARBONS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Bromodichloromethane	75-27-4	ND	1
Bromoform	75-25-2	ND	1
Bromomethane	74-83-9	ND	1
Carbon Tetrachloride	56-23-5	ND	1
Chlorobenzene	108-90-7	ND	1
Chloroethane	75-00-3	ND	1
2-Chloroethyl Vinyl Ether	110-75-8	ND	1
Chloroform	67-66-3	ND	1
Chloromethane	74-87-3	ND	1
Dibromochloromethane	124-48-1	ND	1
1,2-Dichlorobenzene	95-50-1	ND	1
1,3-Dichlorobenzene	541-73-1	ND	1
1,4-Dichlorobenzene	106-46-7	ND	1
Dichlorodifluoromethane	75-71-8	ND	1
1,1-Dichloroethane	75-34-3	ND	1
1,2-Dichloroethane	107-06-2	ND	1
1,1-Dichloroethene	75-35-4	ND	1
1,2-Dichloroethene, total	540-59-0	ND	1
1,2-Dichloropropane	78-87-5	ND	1
cis-1,3-Dichloropropene	10061-01-5	ND	1
trans-1,3-Dichloropropene	10061-02-6	ND	1
Methylene Chloride	75-09-2	ND	1
1,1,2,2-Tetrachloroethane	79-34-5	ND	1
Tetrachloroethene	127-18-4	ND	1
1,1,1-Trichloroethane	71-55-6	ND	1
1,1,2-Trichloroethane	79-00-5	ND	1
Trichloroethene	79-01-6	ND	1
Trichlorofluoromethane	75-69-4	ND	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	1
Vinyl Chloride	75-01-4	ND	1

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: SS-20-2
CLIENT JOB NO: 1649
DATE SAMPLED: 04/18/90
DATE RECEIVED: 04/19/90
REPORT DATE: 05/07/90

MED-TOX LAB NO: 9004109-16A
MED-TOX JOB NO: 9004109

DATE ANALYZED: 04/25-28/90
INSTRUMENT: 6,12

EPA METHOD 8010
PURGEABLE HALOCARBONS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Bromodichloromethane	75-27-4	ND	1
Bromoform	75-25-2	ND	1
Bromomethane	74-83-9	ND	1
Carbon Tetrachloride	56-23-5	ND	1
Chlorobenzene	108-90-7	ND	1
Chloroethane	75-00-3	ND	1
2-Chloroethyl Vinyl Ether	110-75-8	ND	1
Chloroform	67-66-3	ND	1
Chloromethane	74-87-3	ND	1
Dibromochloromethane	124-48-1	ND	1
1,2-Dichlorobenzene	95-50-1	ND	1
1,3-Dichlorobenzene	541-73-1	ND	1
1,4-Dichlorobenzene	106-46-7	ND	1
Dichlorodifluoromethane	75-71-8	ND	1
1,1-Dichloroethane	75-34-3	ND	1
1,2-Dichloroethane	107-06-2	ND	1
1,1-Dichloroethene	75-35-4	ND	1
1,2-Dichloroethene, total	540-59-0	ND	1
1,2-Dichloropropane	78-87-5	ND	1
cis-1,3-Dichloropropene	10061-01-5	ND	1
trans-1,3-Dichloropropene	10061-02-6	ND	1
Methylene Chloride	75-09-2	ND	3
1,1,2,2-Tetrachloroethane	79-34-5	ND	1
Tetrachloroethene	127-18-4	ND	1
1,1,1-Trichloroethane	**71-55-6**	**2**	**1**
1,1,2-Trichloroethane	79-00-5	ND	1
Trichloroethene	79-01-6	ND	1
Trichlorofluoromethane	75-69-4	ND	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	1
Vinyl Chloride	75-01-4	ND	1

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: SS-20-5
CLIENT JOB NO: 1649
DATE SAMPLED: 04/18/90
DATE RECEIVED: 04/19/90
REPORT DATE: 05/07/90

MED-TOX LAB NO: 9004109-17A
MED-TOX JOB NO: 9004109

DATE ANALYZED: 04/25-28/90
INSTRUMENT: 6,12

EPA METHOD 8010
PURGEABLE HALOCARBONS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Bromodichloromethane	75-27-4	ND	1
Bromoform	75-25-2	ND	1
Bromomethane	74-83-9	ND	1
Carbon Tetrachloride	56-23-5	ND	1
Chlorobenzene	108-90-7	ND	1
Chloroethane	75-00-3	ND	1
2-Chloroethyl Vinyl Ether	110-75-8	ND	1
Chloroform	67-66-3	ND	1
Chloromethane	74-87-3	ND	1
Dibromochloromethane	124-48-1	ND	1
1,2-Dichlorobenzene	95-50-1	ND	1
1,3-Dichlorobenzene	541-73-1	ND	1
1,4-Dichlorobenzene	106-46-7	ND	1
Dichlorodifluoromethane	75-71-8	ND	1
1,1-Dichloroethane	75-34-3	ND	1
1,2-Dichloroethane	107-06-2	ND	1
1,1-Dichloroethene	75-35-4	ND	1
1,2-Dichloroethene, total	540-59-0	ND	1
1,2-Dichloropropane	78-87-5	ND	1
cis-1,3-Dichloropropene	10061-01-5	ND	1
trans-1,3-Dichloropropene	10061-02-6	ND	1
Methylene Chloride	75-09-2	ND	2
1,1,2,2-Tetrachloroethane	79-34-5	ND	1
Tetrachloroethene	127-18-4	ND	1
1,1,1-Trichloroethane	71-55-6	ND	1
1,1,2-Trichloroethane	79-00-5	ND	1
Trichloroethene	79-01-6	ND	1
Trichlorofluoromethane	75-69-4	ND	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	1
Vinyl Chloride	75-01-4	ND	1

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: LF-20-5
CLIENT JOB NO: 1649
DATE SAMPLED: 04/19/90
DATE RECEIVED: 04/19/90
REPORT DATE: 05/07/90

MED-TOX LAB NO: 9004109-18A
MED-TOX JOB NO: 9004109

DATE ANALYZED: 04/28/90
INSTRUMENT: 12

EPA METHOD 8010
PURGEABLE HALOCARBONS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Bromodichloromethane	75-27-4	ND	1
Bromoform	75-25-2	ND	1
Bromomethane	74-83-9	ND	1
Carbon Tetrachloride	56-23-5	ND	1
Chlorobenzene	108-90-7	ND	1
Chloroethane	75-00-3	ND	1
2-Chloroethyl Vinyl Ether	110-75-8	ND	1
Chloroform	67-66-3	ND	1
Chloromethane	74-87-3	ND	1
Dibromochloromethane	124-48-1	ND	1
1,2-Dichlorobenzene	95-50-1	ND	1
1,3-Dichlorobenzene	541-73-1	ND	1
1,4-Dichlorobenzene	106-46-7	ND	1
Dichlorodifluoromethane	75-71-8	ND	1
1,1-Dichloroethane	75-34-3	ND	1
1,2-Dichloroethane	107-06-2	ND	1
1,1-Dichloroethene	75-35-4	ND	1
1,2-Dichloroethene, total	540-59-0	ND	1
1,2-Dichloropropane	78-87-5	ND	1
cis-1,3-Dichloropropene	10061-01-5	ND	1
trans-1,3-Dichloropropene	10061-02-6	ND	1
Methylene Chloride	75-09-2	ND	1
1,1,2,2-Tetrachloroethane	79-34-5	ND	1
Tetrachloroethene	127-18-4	ND	1
1,1,1-Trichloroethane	71-55-6	ND	1
1,1,2-Trichloroethane	79-00-5	ND	1
Trichloroethene	79-01-6	ND	1
Trichlorofluoromethane	75-69-4	ND	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	1
Vinyl Chloride	75-01-4	ND	1

ND = Not Detected

R-4, S-J **CHAIN OF CUSTODY / ANALYSES REQUEST FORM**

900-4109

Project No.: 1649	Field Logbook No.:	Date: 4/18/90	Serial No.: № 7806
Project Name: [illegible]	Project Location: [illegible]		
Sampler (Signature): [signature]			Samplers:

SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CONTAINERS	SAMPLE TYPE	EPA 601	EPA 624	PL				HOLD	RUSH	REMARKS
SS-13-3	4/18/90	9⁴⁵	1A		Soil			✓				✓		
SS-13-6.5	4/18/90	9⁵⁰	2A		Soil			✓						
SS-12-6.5	4/18	10¹⁵	3A		Soil			✓						NORMAL
SS-12-3	4/18	10¹⁷	4A		Soil			✓						TURNAROUND
SS-14-6.5	4/18	10⁴⁰	5A		Soil			✓						TIME
SS-14-3	4/18	10⁴⁵	6A		Soil			✓						
SS-15-6.5	4/18	11⁰⁰	7A		Soil			✓						
SS-15-3	4/18	11⁰⁵	8A		Soil			✓				✓		
SS-17-6.5	4/18	11²⁵	9A		Soil			✓						
SS-17-3	4/18	11²⁸	10A		Soil			✓						
SS-16-6.5	4/18	11³⁵	11A		Soil			✓						
SS-16-3	4/18	11⁴⁰	12A		Soil			✓				✓		

RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	DATE	TIME
Jennifer Carter	4/19/90	10:00	William Hegarty	4/19/90	10:00
William Hegarty	4/19/90	14:10	L. St John	4/19/90	14:50
L. St John	4/19/90	4:20	G. Van Vleck	4/19/90	16:20
METHOD OF SHIPMENT:	DATE	TIME	LAB COMMENTS:		

Sample Collector: LEVINE-FRICKE
1900 Powell Street, 12th Floor
Emeryville, Ca 94608
(415) 652-4500

Analytical Laboratory: MED TOX

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CHAIN OF CUSTODY / ANALYSES REQUEST FORM

900 4/09

Project No.: 1694	Field Logbook No.:	Date:	Serial No.: No 7815
Project Name: Yerba Buena	Project Location: [illegible]		
Sampler (Signature): Jennifer Clark			

SAMPLES						ANALYSES								Samplers:
SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CONTAINERS	SAMPLE TYPE	EPA 601	EPA 624	Chloride				HOLD	RUSH	REMARKS
SS-22-5	4/18	1435	13A		Soil			✓						
SS-21-5	4/18	1410	14A		Soil			✓						
SS-20-5	4/18	1340	15A		Soil			✓				V		NORMAL TURNAROUND TIME
SS-20-2	4/18	1330	16A		Soil			✓						
SS-22-2	4/18	1335	17A		Soil			✓						
LF-26-5	4/14	1600	18A		Soil			✓						

RELINQUISHED BY: (Signature) Jennifer Clark	DATE 4/14/96	TIME	RECEIVED BY: (Signature) William Kegarty	DATE 4/19/96	TIME 10:00
RELINQUISHED BY: (Signature) William Kegarty	DATE 4/19/96	TIME 1430	RECEIVED BY: (Signature) [illegible]	DATE 4/19/96	TIME 14:10
RELINQUISHED BY: (Signature) [illegible]	DATE 4/19/96	TIME 1520	RECEIVED BY: (Signature) G. Van Vleck	DATE 4/19/96	TIME 1620
METHOD OF SHIPMENT:	DATE	TIME	LAB COMMENTS:		

Sample Collector: LEVINE-FRICKE
1900 Powell Street, 12th Floor
Emeryville, Ca 94608
(415) 652-4500

Analytical Laboratory: MEG TOX

Shipping ((White) Lab Copy (Green) File Copy (Yellow) 'd Copy (Pink) FORM NO 86/COC/ARF

FILE
1649

MED-TOX ASSOCIATES, INC.

ENVIRONMENTAL & OCCUPATIONAL HEALTH SERVICES

3440 Vincent Road Pleasant Hill, CA 94523 • (415) 930-9090 • FAX# (415) 930-0256

LABORATORY ANALYSIS REPORT

LEVINE-FRICKE
1900 POWELL ST., 12TH FL.
EMERYVILLE, CA 94608

ATTN: AMANDA SPENCER

CLIENT ID NO: 1649

REPORT DATE: 05/15/90

DATE SAMPLED: 04/20/90

DATE RECEIVED: 04/24/90

MED-TOX JOB NO: 9004148

ANALYSIS OF: SOIL SAMPLES FOR ORGANOCHLORINE PESTICIDES AND PCBs

See attached for results

Michael Lynch, Manager
Organic Laboratory

Results FAXed to Amanda Spencer 05/07/90

RECEIVED
MAY 16 1990

LEVINE-FRICKE

CLIENT ID: SS-26-0.5
CLIENT JOB NO: 1649
DATE SAMPLED: 04/20/90
DATE RECEIVED: 04/24/90
REPORT DATE: 05/15/90

MED-TOX LAB NO: 9004148-01A
MED-TOX JOB NO: 9004148
DATE EXTRACTED: 04/30/90
DATE ANALYZED: 05/01-03/90
INSTRUMENT: 2

EPA METHOD 8080
ORGANOCHLORINE PESTICIDES AND PCBs

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Aldrin	309-00-2	ND	50
alpha-BHC	319-84-6	ND	50
beta-BHC	319-85-7	ND	50
delta-BHC	319-86-8	ND	50
gamma-BHC (Lindane)	58-89-9	ND	50
Chlordane	57-74-9	ND	500
4,4'-DDD	72-54-8	ND	100
2,4'-DDD	53-19-0	ND	100
4,4'-DDE	72-55-9	ND	100
2,4'-DDE	3424-82-6	ND	100
4,4'-DDT	50-29-3	ND	100
2,4'-DDT	789-02-6	ND	100
Dieldrin	60-57-1	ND	100
Endosulfan I	959-98-8	ND	50
Endosulfan II	33212-65-9	ND	100
Endosulfan sulfate	1031-07-8	ND	100
Endrin	72-20-8	ND	100
Endrin aldehyde	7421-93-4	ND	100
Heptachlor	76-44-8	ND	50
Heptachlor epoxide	1024-57-3	ND	50
Methoxychlor	72-43-5	ND	100
Toxaphene	8001-35-2	ND	500
PCB-1016	12674-11-2	ND	500
PCB-1221	11104-28-2	ND	500
PCB-1232	11141-16-5	ND	500
PCB-1242	53469-21-9	ND	500
PCB-1248	12672-29-6	ND	500
PCB-1254	11097-69-1	ND	500
PCB-1260	**11096-82-5**	**2,900**	**500**

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: SS-27-0.5
CLIENT JOB NO: 1649
DATE SAMPLED: 04/20/90
DATE RECEIVED: 04/24/90
REPORT DATE: 05/15/90

MED-TOX LAB NO: 9004148-03A
MED-TOX JOB NO: 9004148
DATE EXTRACTED: 04/30/90
DATE ANALYZED: 05/01-03/910
INSTRUMENT: 2

EPA METHOD 8080
ORGANOCHLORINE PESTICIDES AND PCBs

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Aldrin	309-00-2	ND	30
alpha-BHC	319-84-6	ND	30
beta-BHC	319-85-7	ND	30
delta-BHC	319-86-8	ND	30
gamma-BHC (Lindane)	58-89-9	ND	30
Chlordane	57-74-9	ND	300
4,4'-DDD	72-54-8	ND	50
2,4'-DDD	53-19-0	ND	50
4,4'-DDE	72-55-9	ND	50
2,4'-DDE	3424-82-6	ND	50
4,4'-DDT	50-29-3	ND	50
2,4'-DDT	789-02-6	ND	50
Dieldrin	60-57-1	ND	50
Endosulfan I	959-98-8	ND	30
Endosulfan II	33212-65-9	ND	50
Endosulfan sulfate	1031-07-8	ND	50
Endrin	72-20-8	ND	50
Endrin aldehyde	7421-93-4	ND	50
Heptachlor	76-44-8	ND	30
Heptachlor epoxide	1024-57-3	ND	30
Methoxychlor	72-43-5	ND	50
Toxaphene	8001-35-2	ND	300
PCB-1016	12674-11-2	ND	300
PCB-1221	11104-28-2	ND	300
PCB-1232	11141-16-5	ND	300
PCB-1242	53469-21-9	ND	300
PCB-1248	12672-29-6	ND	300
PCB-1254	11097-69-1	ND	300
PCB-1260	**11096-82-5**	**920**	**300**

ND = Not Detected

LEVINE-FRICKE

CLIENT ID: SS-28-0.5
CLIENT JOB NO: 1649
DATE SAMPLED: 04/20/90
DATE RECEIVED: 04/24/90
REPORT DATE: 05/15/90

MED-TOX LAB NO: 9004148-05A
MED-TOX JOB NO: 9004148
DATE EXTRACTED: 04/30/90
DATE ANALYZED: 05/01-03/90
INSTRUMENT: 2

EPA METHOD 8080
ORGANOCHLORINE PESTICIDES AND PCBs

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
Aldrin	309-00-2	ND	100
alpha-BHC	319-84-6	ND	100
beta-BHC	319-85-7	ND	100
delta-BHC	319-86-8	ND	100
gamma-BHC (Lindane)	58-89-9	ND	100
Chlordane	57-74-9	ND	1000
4,4'-DDD	72-54-8	ND	300
2,4'-DDD	53-19-0	ND	300
4,4'-DDE	72-55-9	ND	300
2,4'-DDE	3424-82-6	ND	300
4,4'-DDT	50-29-3	ND	300
2,4'-DDT	789-02-6	ND	300
Dieldrin	60-57-1	ND	300
Endosulfan I	959-98-8	ND	100
Endosulfan II	33212-65-9	ND	300
Endosulfan sulfate	1031-07-8	ND	300
Endrin	72-20-8	ND	300
Endrin aldehyde	7421-93-4	ND	300
Heptachlor	76-44-8	ND	100
Heptachlor epoxide	1024-57-3	ND	100
Methoxychlor	72-43-5	ND	300
Toxaphene	8001-35-2	ND	1000
PCB-1016	12674-11-2	ND	1000
PCB-1221	11104-28-2	ND	1000
PCB-1232	11141-16-5	ND	1000
PCB-1242	53469-21-9	ND	1000
PCB-1248	12672-29-6	ND	1000
PCB-1254	11097-69-1	ND	1000
PCB-1260	**11096-82-5**	**7,500**	**1000**

ND = Not Detected

R-4, S-F&L

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

9004148

Project No.: 449	Field Logbook No.:	Date: 4/24/90	Serial No.: No. 7804
Project Name: Veterans Building	Project Location: Emeryville		
Sampler (Signature): Jennifer Carter			Samplers:

SAMPLES						ANALYSES								
SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CONTAINERS	SAMPLE TYPE		EPA 601	EPA 624	GC/FID				HOLD	RUSH	REMARKS
SS-26-0.5	4/20/90	1125	01A					✓							
SS-26-3	4/20	1130	02A					✓					✓		Normal TCLP Analysis
SS-27-0.5	4/20	1145	03A					✓							TLC
SS-27-3	4/20	1150	04A					✓					✓		
SS-28-0.5	4/20	1700	05A					✓							
SS-28-3	4/20	1710	06A					✓					✓		

RELINQUISHED BY: (Signature) Jennifer Carter 4/24/90	DATE 1445	TIME 1445	RECEIVED BY: (Signature) Mary Jeanette TLS	DATE 4/24	TIME 1545
RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	DATE	TIME
RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature) Denise Harrington	DATE 4/24/90	TIME 1530
METHOD OF SHIPMENT:	DATE	TIME	LAB COMMENTS:		

Sample Collector:
LEVINE-FRICKE
1900 Powell Street, 12th Floor
Emeryville, Ca 94608
(415) 652-4500

Analytical Laboratory:
MED-TOX

Shipping y (White) Lab Copy (Green) File Copy (Yellow) eld Copy (Pink) FORM 86/COC/ARF