Department of Environmental Quality
Laboratories and Applied Research
Organic Section

GC/MS
Acid-Base/Neutral Extractables
Complies with NPDES method 625
and RCRA SW846 method 8270

Date: 27 July 87

Lab #: 87-0225
Sample: L60
Item #: 1

CONC Mg/L	COMPOUND	CAS #
<100	Bis(2-chloroethyl)ether	111444
<100	Phenol	108952
<100	2-Chlorophenol	95578
<100	1,3-Dichlorobenzene	541731
<100	1,4-dichlorobenzene	106467
<100	1,2-Dichlorobenzene	95501
<100	Bis(2-chloroisopropyl)ether	108601
<100	2-Methylphenol	95487
<100	Hexachloroethane	67721
<100	N-Nitroso-di-n-propylamine	621647
<100	4-Methylphenol	106445
<100	Nitrobenzene	98953
<100	Isophorone	78591
<100	2-Nitrophenol	88755
<100	2,4-Dimethylphenol	105679
<100	Bis(2-chloroethoxy)methane	111911
<100	2,4-Dichlorophenol	120832
<100	1,2,4-Trichlorobenzene	120821
9100	Naphthalene	91203
<100	2,6-Dichlorophenol	87650
<100	Hexachlorobutadiene	87683
<100	4-Chloro-3-methylphenol	59507
<100	1,2,4,5-Tetrachlorobenzene	95943
<100	Hexachlorocyclopentadiene	77474
<100	2,4,6-Trichlorophenol	88062
200	2,4,5-Trichlorophenol	95954
300	2-Chloronaphthalene	91587
300	Acenaphthylene	208968
<100	Dimethylphthalate	131113
100	2,6-Dinitrotoluene	606202
6600	Acenaphthene	83329
<100	2,4-Dinitrophenol	51285
<100	Dibenzofuran	132649
900	2,4-Dinitrotoluene	121142
<100	2,3,5,6-Tetrachlorophenol	935955
<100	2,3,4,6-Tetrachlorophenol	58902
<100	Fluorene	86737

CONC Mg/L	COMPOUND	CAS #
<100	Diethylphthalate	84662
1900	4,6-Dinitro-2-methylphenol	534521
<100	N-Nitrosodiphenylamine	86306
<100	4-Bromophenyl phenylether	101553
2200	alpha-BHC	319846
<100	Hexachlorobenzene	118741
3200	Pentachlorophenol	87865
<100	beta-BHC	319857
<100	gamma-BHC (Lindane)	58899
10200	Phenanthrene	85018
2300	Anthracene	120127
<100	delta-BHC	319868
<100	Heptachlor	76448
<100	di-n-Butylphthalate	84742
<100	Aldrin	309002
<100	Heptachlor epoxide	1024573
5400	Fluoranthene	206440
4600	Pyrene	129000
<100	Endosulfan I	959988
<100	trans-Nonachlor	39765805
<100	Dieldrin	60571
<100	p,p'-DDE	72551
<100	Endrin	72208
200	Endosulfan II	33213659
<100	p,p'-DDD	72548
<100	Butylbenzylphthalate	85687
<100	Endosulfan cyclic sulfate	1031078
<100	p,p'-DDT	50293
1000	Benzo(a)anthracene	56553
900	Chrysene	218019
<100	Bis(2-ethylhexyl)phthalate	117817
<100	Di-n-octylphthalate	117840
200	Benzo(b)fluoranthene	205992
200	Benzo(k)fluoranthene	207089
200	Benzo(a)pyrene	50328
<100	Benzo(g,h,i)perylene	191242

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Organic Section

GC/MS TENTATIVE IDENTIFICATION

Date: 27 July 87

Lab #: 87-0225
Sample: L60

The oil layer was removed, diluted and analyzed by GC/MS. In addition to the specific list of semi-volatile compounds, the sample was scanned for any other semi-volatile compounds above the detection limit of 500 Mg/L. The following compounds were tentatively identified with the estimated concentrations shown. Some compounds may have been detected but not reported because of their low concentrations or inability of identification.

Compound	Concentration (Mg/L)
2-Methylnonane	1000
1,3-Diethyl-5-Methylbenzene	400
1-Ethyl-2,3-dimethylbenzene	500
1-Methylene-1h-indene	9700
3-Methyl-2-butenylbenzene	6900
Dodecane	5000
4,7-Dimethylundecane	5000
2,6-Dimethylundecane	1300
2-Butyl-1,1,3-trimethylcyclohexane	600
2,3,7-Trimethyloctane	2600
2,6,10-Trimethyldodecane	4800
1,5-Dimethylnaphthalene	14000
2,3-Dimethylnaphthalene	20000
2-Propyl-1-heptanol	19000
1,4,6-Trimethylnaphthalene	19000
1,6,7-Trimethylnaphthalene	11000
1,3,6-Trimethylnaphthalene	9700
1,4,5-Trimethylnaphthalene	9700
1H-Phenalene	6800
Undecane	21000
Tridecane	6400
7-Ethyl-1,4-dimethylazulene	4300
Hexadecane	8000
2-Methylanthracene	4400
4-Methylphenanthrene	4200
2,3,5-Trimethylphenanthrene	900
Docosane	1800

Department of Environmental Quality
Laboratories and Applied Research
Organic Section

DJH

GC/MS
Acid-Base/Neutral Extractables
Complies with NPDES method 625
and RCRA SW846 method 8270

Date: 27 July 87

Lab #: 87-0225
Sample: L44
Item #: 2

CONC Mg/Kg	COMPOUND	CAS #
<50	Bis(2-chloroethyl)ether	111444
<50	Phenol	108952
<50	2-Chlorophenol	95578
<50	1,3-Dichlorobenzene	541731
<50	1,4-dichlorobenzene	106467
<50	1,2-Dichlorobenzene	95501
<50	Bis(2-chloroisopropyl)ether	108601
<50	2-Methylphenol	95487
<50	Hexachloroethane	67721
<50	N-Nitroso-di-n-propylamine	621647
<50	4-Methylphenol	106445
<50	Nitrobenzene	98953
<50	Isophorone	78591
<50	2-Nitrophenol	88755
<50	2,4-Dimethylphenol	105679
<50	Bis(2-chloroethoxy)methane	111911
<50	2,4-Dichlorophenol	120832
<50	1,2,4-Trichlorobenzene	120821
450	Naphthalene	91203
<50	2,6-Dichlorophenol	87650
<50	Hexachlorobutadiene	87683
<50	4-Chloro-3-methylphenol	59507
<50	1,2,4,5-Tetrachlorobenzene	95943
<50	Hexachlorocyclopentadiene	77474
<50	2,4,6-Trichlorophenol	88062
<50	2,4,5-Trichlorophenol	95954
<50	2-Chloronaphthalene	91587
<50	Acenaphthylene	208968
<50	Dimethylphthalate	131113
<50	2,6-Dinitrotoluene	606202
550	Acenaphthene	83329
<50	2,4-Dinitrophenol	51285
350	Dibenzofuran	132649
150	2,4-Dinitrotoluene	121142
<50	2,3,5,6-Tetrachlorophenol	935955
<50	2,3,4,6-Tetrachlorophenol	58902
650	Fluorene	86737

CONC Mg/Kg	COMPOUND	CAS #
<50	Diethylphthalate	84662
50	4,6-Dinitro-2-methylphenol	534521
500	N-Nitrosodiphenylamine	86306
<50	4-Bromophenyl phenylether	101553
1200	alpha-BHC	319846
<50	Hexachlorobenzene	118741
500	Pentachlorophenol	87865
750	beta-BHC	319857
<50	gamma-BHC (Lindane)	58899
1850	Phenanthrene	85018
100	Anthracene	120127
350	delta-BHC	319868
<50	Heptachlor	76448
<50	di-n-Butylphthalate	84742
<50	Aldrin	309002
<50	Heptachlor epoxide	1024573
600	Fluoranthene	206440
500	Pyrene	129000
<50	Endosulfan I	959988
<50	trans-Nonachlor	39765805
<50	Dieldrin	60571
<50	p,p'-DDE	72551
<50	Endrin	72208
250	Endosulfan II	33213659
<50	p,p'-DDD	72548
<50	Butylbenzylphthalate	85687
<50	Endosulfan cyclic sulfate	1031078
<50	p,p'-DDT	50293
350	Benzo(a)anthracene	56553
150	Chrysene	218019
<50	Bis(2-ethylhexyl)phthalate	117817
<50	Di-n-octylphthalate	117840
<50	Benzo(b)fluoranthene	205992
<50	Benzo(k)fluoranthene	207089
<50	Benzo(a)pyrene	50328
<50	Benzo(g,h,i)perylene	191242

Department of Environmental Quality
Laboratories and Applied Research
Organic Section

GC/MS TENTATIVE IDENTIFICATION

DJH

Date: 27 July 87

Lab #: 87-0225
Sample: L44

The sample was extracted and analyzed by GC/MS. In addition to the specific list of semi-volatile compounds, the sample was scanned for any other semi-volatile compounds above the detection limit of 100 Mg/kg. The following compounds were tentatively identified with the estimated concentrations shown. Some compounds may have been detected but not reported because of their low concentrations or inability of identification.

Compound	Concentration (Mg/Kg)
Azulene	400
Dodecane	300
4,7-Dimethylundecane	300
2,3,7-Trimethyloctane	200
2,3,7-Trimethyldecane	1500
4-Methyl-2-propyl-1-pentanol	200
2,6,10-Trimethyldodecane	300
2,3-Dimethylnaphthalene	1600
1,4-Dimethylnaphthalene	700
2-Ethyl-1-decanol	500
1,4,5-Trimethylnaphthalene	1700
1,6,7-Trimethylnaphthalene	2000
1,3,6-Trimethylnaphthalene	1600
7-Ethyl-1,4-dimethylazulene	900
Tetradecane	3000
Pentadecane	3700
1-Methylanthracene	1100
Hexadecane	4100
2,3-Dimethylphenanthrene	1000
Docosane	13400
Pentatriacontane	15000
2-Methyltricosane	500
Hexatriacontane	15000

Department of Environmental Quality
Laboratories and Applied Research
Organic Section

GC/MS
Acid-Base/Neutral Extractables
Complies with NPDES method 625
and RCRA SW846 method 8270

DJH

Date: 24 July 87

Lab #: 87-0225
Sample: L48
Item #: 3

CONC Mg/Kg	COMPOUND	CAS #
<0.1	Bis(2-chloroethyl)ether	111444
0.1	Phenol	108952
<0.1	2-Chlorophenol	95578
<0.1	1,3-Dichlorobenzene	541731
<0.1	1,4-dichlorobenzene	106467
<0.1	1,2-Dichlorobenzene	95501
<0.1	Bis(2-chloroisopropyl)ether	108601
<0.1	2-Methylphenol	95487
<0.1	Hexachloroethane	67721
<0.1	N-Nitroso-di-n-propylamine	621647
<0.1	4-Methylphenol	106445
<0.1	Nitrobenzene	98953
<0.1	Isophorone	78591
<0.1	2-Nitrophenol	88755
<0.1	2,4-Dimethylphenol	105679
<0.1	Bis(2-chloroethoxy)methane	111911
<0.1	2,4-Dichlorophenol	120832
<0.1	1,2,4-Trichlorobenzene	120821
<0.1	Naphthalene	91203
<0.1	2,6-Dichlorophenol	87650
<0.1	Hexachlorobutadiene	87683
<0.1	4-Chloro-3-methylphenol	59507
<0.1	1,2,4,5-Tetrachlorobenzene	95943
<0.1	Hexachlorocyclopentadiene	77474
<0.1	2,4,6-Trichlorophenol	88062
<0.1	2,4,5-Trichlorophenol	95954
<0.1	2-Chloronaphthalene	91587
<0.1	Acenaphthylene	208968
<0.1	Dimethylphthalate	131113
<0.1	2,6-Dinitrotoluene	606202
<0.1	Acenaphthene	83329
<0.1	2,4-Dinitrophenol	51285
<0.1	Dibenzofuran	132649
<0.1	2,4-Dinitrotoluene	121142
<0.1	2,3,5,6-Tetrachlorophenol	935955
<0.1	2,3,4,6-Tetrachlorophenol	58902
<0.1	Fluorene	86737

CONC Mg/Kg	COMPOUND	CAS #
<0.1	Diethylphthalate	84662
<0.1	4,6-Dinitro-2-methylphenol	534521
<0.1	N-Nitrosodiphenylamine	86306
<0.1	4-Bromophenyl phenylether	101553
<0.1	alpha-BHC	319846
<0.1	Hexachlorobenzene	118741
0.2	Pentachlorophenol	87865
<0.1	beta-BHC	319857
<0.1	gamma-BHC (Lindane)	58899
<0.1	Phenanthrene	85018
<0.1	Anthracene	120127
<0.1	delta-BHC	319868
<0.1	Heptachlor	76448
0.1	di-n-Butylphthalate	84742
<0.1	Aldrin	309002
<0.1	Heptachlor epoxide	1024573
<0.1	Fluoranthene	206440
<0.1	Pyrene	129000
<0.1	Endosulfan I	959988
<0.1	trans-Nonachlor	39765805
<0.1	Dieldrin	60571
<0.1	p,p'-DDE	72551
<0.1	Endrin	72208
<0.1	Endosulfan II	33213659
<0.1	p,p'-DDD	72548
<0.1	Butylbenzylphthalate	85687
<0.1	Endosulfan cyclic sulfate	1031078
<0.1	p,p'-DDT	50293
<0.1	Benzo(a)anthracene	56553
<0.1	Chrysene	218019
0.4	Bis(2-ethylhexyl)phthalate	117817
<0.1	Di-n-octylphthalate	117840
<0.1	Benzo(b)fluoranthene	205992
<0.1	Benzo(k)fluoranthene	207089
<0.1	Benzo(a)pyrene	50328
<0.1	Benzo(g,h,i)perylene	191242

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Organic Section

GC/MS TENTATIVE IDENTIFICATION

Date: 24 July 87

Lab #: 87-0225
Sample: L48

The sample was extracted and analyzed by GC/MS. In addition to the specific list of semi-volatile compounds, the sample was scanned for any other semi-volatile compounds above the detection limit of 0.1 Mg/Kg. The following compounds were tentatively identified with the estimated concentrations shown. Some compounds may have been detected but not reported because of their low concentrations or inability of identification.

Compound	Concentration (Mg/Kg)
5-Methylhexanone	0.7
2,3,6-Trimethylheptane	0.3
Tetramethyloxirane	10.2
4-Methyloctane	0.2
4-(1-Methylethyl)heptane	0.2
Pentadecanoic acid	0.4
9-Hexadecenoic acid	0.6
Hexadecanoic acid	1.9
Octadecanoic acid	0.4
Hexadecanoic acid, 2-ethylhexyl ester	0.2
3-Eicosane	0.7
Docosanoic acid	2.6
1,2-octadecanediol	0.4
1-(Ethenyloxy)octadecane	1.1

Department of Environmental Quality
Laboratories and Applied Research
Organic Section

GC/MS
Acid-Base/Neutral Extractables
Complies with NPDES method 625
and RCRA SW846 method 8270

DJH

Date: 24 July 87

Lab #: 87-0225
Sample: L9
Item #: 4

CONC Mg/Kg	COMPOUND	CAS #
<0.1	Bis(2-chloroethyl)ether	111444
0.1	Phenol	108952
<0.1	2-Chlorophenol	95578
<0.1	1,3-Dichlorobenzene	541731
<0.1	1,4-dichlorobenzene	106467
<0.1	1,2-Dichlorobenzene	95501
<0.1	Bis(2-chloroisopropyl)ether	108601
<0.1	2-Methylphenol	95487
<0.1	Hexachloroethane	67721
<0.1	N-Nitroso-di-n-propylamine	621647
<0.1	4-Methylphenol	106445
<0.1	Nitrobenzene	98953
<0.1	Isopherone	78591
<0.1	2-Nitrophenol	88755
<0.1	2,4-Dimethylphenol	105679
<0.1	Bis(2-chloroethoxy)methane	111911
<0.1	2,4-Dichlorophenol	120832
<0.1	1,2,4-Trichlorobenzene	120821
<0.1	Naphthalene	91203
<0.1	2,6-Dichlorophenol	87650
<0.1	Hexachlorobutadiene	87683
<0.1	4-Chloro-3-methylphenol	59507
<0.1	1,2,4,5-Tetrachlorobenzene	95943
<0.1	Hexachlorocyclopentadiene	77474
<0.1	2,4,6-Trichlorophenol	88062
<0.1	2,4,5-Trichlorophenol	95954
<0.1	2-Chloronaphthalene	91587
<0.1	Acenaphthylene	208968
<0.1	Dimethylphthalate	131113
<0.1	2,6-Dinitrotoluene	606202
<0.1	Acenaphthene	83329
<0.1	2,4-Dinitrophenol	51285
<0.1	Dibenzofuran	132649
<0.1	2,4-Dinitrotoluene	121142
<0.1	2,3,5,6-Tetrachlorophenol	935955
<0.1	2,3,4,6-Tetrachlorophenol	58902
<0.1	Fluorene	86737

CONC Mg/Kg	COMPOUND	CAS #
<0.1	Diethylphthalate	84662
<0.1	4,6-Dinitro-2-methylphenol	534521
<0.1	N-Nitrosodiphenylamine	86306
<0.1	4-Bromophenyl phenylether	101553
<0.1	alpha-BHC	319846
<0.1	Hexachlorobenzene	118741
0.3	Pentachlorophenol	87865
<0.1	beta-BHC	319857
<0.1	gamma-BHC (Lindane)	58899
<0.1	Phenanthrene	85018
<0.1	Anthracene	120127
<0.1	delta-BHC	319868
<0.1	Heptachlor	76448
<0.1	di-n-Butylphthalate	84742
<0.1	Aldrin	309002
<0.1	Heptachlor epoxide	1024573
<0.1	Fluoranthene	206440
<0.1	Pyrene	129000
<0.1	Endosulfan I	959988
<0.1	trans-Nonachlor	39765805
<0.1	Dieldrin	60571
<0.1	p,p'-DDE	72551
<0.1	Endrin	72208
<0.1	Endosulfan II	33213659
<0.1	p,p'-DDD	72548
<0.1	Butylbenzylphthalate	85697
<0.1	Endosulfan cyclic sulfate	1031078
<0.1	p,p'-DDT	50293
<0.1	Benzo(a)anthracene	56553
<0.1	Chrysene	218019
0.3	Bis(2-ethylhexyl)phthalate	117817
<0.1	Di-n-octylphthalate	117840
<0.1	Benzo(b)fluoranthene	205992
<0.1	Benzo(k)fluoranthene	207089
<0.1	Benzo(a)pyrene	50328
<0.1	Benzo(g,h,i)perylene	191242

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Organic Section

GC/MS TENTATIVE IDENTIFICATION

Date: 24 July 87

DJH

Lab #: 87-0225
Sample: L9

The sample was extracted and analyzed by GC/MS. In addition to the specific list of semi-volatile compounds, the sample was scanned for any other semi-volatile compounds above the detection limit of 0.1 Mg/Kg. The following compounds were tentatively identified with the estimated concentrations shown. Some compounds may have been detected but not reported because of their low concentrations or inability of identification.

Compound	Concentration (Mg/Kg)
Acetic acid, 1-methylethyl ester	0.8
2,3,6-Trimethylheptane	0.3
Tetradecanoic acid	0.1
Pentadecanoic acid	0.7
12-Methyltetradecanoic acid	0.2
9-Hexadecanoic acid	1.1
13-Methyloxacyclotetradecan-2-one	0.9
Hexadecanoic acid	1.8
Heptadecanoic acid	0.2
Octadecanoic acid	0.4
2-Butoxyethanol phosphate	0.7
5-Eicosene	3.2
Docosanoic acid	0.5
1-(ethenyloxy)octadecane	1.4

Department of Environmental Quality
Laboratories and Applied Research
Organic Section

GC/MS
Acid-Base/Neutral Extractables
Complies with NPDES method 625
and RCRA SW846 method 8270

Date: 24 July 87

Lab #: 87-0225
Sample: L47
Item #: 5

CONC Mg/Kg	COMPOUND	CAS #
<0.1	Bis(2-chloroethyl)ether	111444
<0.1	Phenol	108952
<0.1	2-Chlorophenol	95578
<0.1	1,3-Dichlorobenzene	541731
<0.1	1,4-dichlorobenzene	106467
<0.1	1,2-Dichlorobenzene	95501
<0.1	Bis(2-chloroisopropyl)ether	108601
<0.1	2-Methylphenol	95487
<0.1	Hexachloroethane	67721
<0.1	N-Nitroso-di-n-propylamine	621647
0.5	4-Methylphenol	106445
<0.1	Nitrobenzene	98953
<0.1	Isophorone	78591
<0.1	2-Nitrophenol	88755
<0.1	2,4-Dimethylphenol	105679
<0.1	Bis(2-chloroethoxy)methane	111911
<0.1	2,4-Dichlorophenol	120832
<0.1	1,2,4-Trichlorobenzene	120821
<0.1	Naphthalene	91203
<0.1	2,6-Dichlorophenol	87650
<0.1	Hexachlorobutadiene	87683
<0.1	4-Chloro-3-methylphenol	59507
<0.1	1,2,4,5-Tetrachlorobenzene	95943
<0.1	Hexachlorocyclopentadiene	77474
<0.1	2,4,6-Trichlorophenol	88062
<0.1	2,4,5-Trichlorophenol	95954
<0.1	2-Chloronaphthalene	91587
<0.1	Acenaphthylene	208968
<0.1	Dimethylphthalate	131113
<0.1	2,6-Dinitrotoluene	606202
<0.1	Acenaphthene	83329
<0.1	2,4-Dinitrophenol	51285
<0.1	Dibenzofuran	132649
<0.1	2,4-Dinitrotoluene	121142
<0.1	2,3,5,6-Tetrachlorophenol	935955
0.2	2,3,4,6-Tetrachlorophenol	58902
0.1	Fluorene	86737

CONC Mg/Kg	COMPOUND	CAS #
<0.1	Diethylphthalate	84662
<0.1	4,6-Dinitro-2-methylphenol	534521
0.6	N-Nitrosodiphenylamine	86306
<0.1	4-Bromophenyl phenylether	101553
0.2	alpha-BHC	319846
<0.1	Hexachlorobenzene	118741
1.6	Pentachlorophenol	87865
<0.1	beta-BHC	319857
0.3	gamma-BHC (Lindane)	58899
0.6	Phenanthrene	85018
0.2	Anthracene	120127
0.2	delta-BHC	319868
<0.1	Heptachlor	76448
<0.1	di-n-Butylphthalate	84742
<0.1	Aldrin	309002
<0.1	Heptachlor epoxide	1024573
<0.1	Fluoranthene	206440
0.8	Pyrene	129000
0.1	Endosulfan I	959988
<0.1	trans-Nonachlor	39765805
<0.1	Dieldrin	60571
<0.1	p,p'-DDE	72551
<0.1	Endrin	72208
<0.1	Endosulfan II	33213659
<0.1	p,p'-DDD	72548
<0.1	Butylbenzylphthalate	85687
<0.1	Endosulfan cyclic sulfate	1031078
<0.1	p,p'-DDT	50293
0.4	Benzo(a)anthracene	56553
0.3	Chrysene	218019
0.3	Bis(2-ethylhexyl)phthalate	117817
<0.1	Di-n-octylphthalate	117840
0.3	Benzo(b)fluoranthene	205992
0.1	Benzo(k)fluoranthene	207089
0.1	Benzo(a)pyrene	50328
0.1	Benzo(g,h,i)perylene	191242

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GC/MS TENTATIVE IDENTIFICATION

Date: 24 July 87

Lab #: 87-0225
Sample: L47

The sample was extracted and analyzed by GC/MS. In addition to the specific list of semi-volatile compounds, the sample was scanned for any other semi-volatile compounds above the detection limit of 0.1 Mg/Kg. The following compounds were tentatively identified with the estimated concentrations shown. Some compounds may have been detected but not reported because of their low concentrations or inability of identification.

Compound	Concentration (Mg/Kg)
3,3'-Diethyl-1-methyl-2,4-azetidinedione	0.4
Acetic acid, 1-methyl ester	1.5
4-Ethyl-2-methylhexane	
Tetramethyloxirane	13.9
Tetradecane	0.3
2-Propyl-1-heptanol	0.6
Pentadecane	1.3
Hexadecane	0.6
9-Hexadecanoic acid	2.8
Hexadecanoic acid	4.0
2,3-Dimethylphenanthrene	0.5
2-Butoxyethanol phosphate	1.1
3-Eicosane	5.6
Docosanoic acid	1.2
6-Cyclohexylundecane	1.3
1,2-Octadecanediol	2.0

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Laboratories and Applied Research
Organic Section

GC/MS
Acid-Base/Neutral Extractables
Complies with NPDES method 625
and RCRA SW846 method 8270

Date: 24 July 87

Lab #: 87-0225
Sample: L14
Item #: 6

CONC Mg/Kg	COMPOUND	CAS #
<0.1	Bis(2-chloroethyl)ether	111444
<0.1	Phenol	108952
<0.1	2-Chlorophenol	95578
<0.1	1,3-Dichlorobenzene	541731
<0.1	1,4-dichlorobenzene	106467
<0.1	1,2-Dichlorobenzene	95501
<0.1	Bis(2-chloroisopropyl)ether	108601
<0.1	2-Methylphenol	95487
<0.1	Hexachloroethane	67721
<0.1	N-Nitroso-di-n-propylamine	621647
<0.1	4-Methylphenol	106445
<0.1	Nitrobenzene	98953
<0.1	Isophorone	78591
<0.1	2-Nitrophenol	88755
<0.1	2,4-Dimethylphenol	105679
<0.1	Bis(2-chloroethoxy)methane	111911
<0.1	2,4-Dichlorophenol	120832
<0.1	1,2,4-Trichlorobenzene	120821
<0.1	Naphthalene	91203
<0.1	2,6-Dichlorophenol	87650
<0.1	Hexachlorobutadiene	87683
<0.1	4-Chloro-3-methylphenol	59507
<0.1	1,2,4,5-Tetrachlorobenzene	95943
<0.1	Hexachlorocyclopentadiene	77474
<0.1	2,4,6-Trichlorophenol	88062
<0.1	2,4,5-Trichlorophenol	95954
<0.1	2-Chloronaphthalene	91587
<0.1	Acenaphthylene	208968
<0.1	Dimethylphthalate	131113
<0.1	2,6-Dinitrotoluene	606202
<0.1	Acenaphthene	83329
<0.1	2,4-Dinitrophenol	51285
<0.1	Dibenzofuran	132649
<0.1	2,4-Dinitrotoluene	121142
<0.1	2,3,5,6-Tetrachlorophenol	935955
<0.1	2,3,4,6-Tetrachlorophenol	58902
<0.1	Fluorene	86737

CONC Mg/Kg	COMPOUND	CAS #
<0.1	Diethylphthalate	84662
<0.1	4,6-Dinitro-2-methylphenol	534521
<0.1	N-Nitrosodiphenylamine	86306
<0.1	4-Bromophenyl phenylether	101553
<0.1	alpha-BHC	319846
<0.1	Hexachlorobenzene	118741
<0.1	Pentachlorophenol	87865
<0.1	beta-BHC	319857
<0.1	gamma-BHC (Lindane)	58899
<0.1	Phenanthrene	85018
<0.1	Anthracene	120127
<0.1	delta-BHC	319868
<0.1	Heptachlor	76448
<0.1	di-n-Butylphthalate	84742
<0.1	Aldrin	309002
<0.1	Heptachlor epoxide	1024573
<0.1	Fluoranthene	206440
<0.1	Pyrene	129000
<0.1	Endosulfan I	959988
<0.1	trans-Nonachlor	39765805
<0.1	Dieldrin	60571
<0.1	p,p'-DDE	72551
<0.1	Endrin	72208
<0.1	Endosulfan II	33213659
<0.1	p,p'-DDD	72548
<0.1	Butylbenzylphthalate	85687
<0.1	Endosulfan cyclic sulfate	1031078
<0.1	p,p'-DDT	50293
<0.1	Benzo(a)anthracene	56553
<0.1	Chrysene	218019
0.3	Bis(2-ethylhexyl)phthalate	117817
<0.1	Di-n-octylphthalate	117840
<0.1	Benzo(b)fluoranthene	205992
<0.1	Benzo(k)fluoranthene	207089
<0.1	Benzo(a)pyrene	50328
<0.1	Benzo(g,h,i)perylene	191242

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GC/MS TENTATIVE IDENTIFICATION

Date: 24 July 87

Lab #: 87-0225
Sample: L14

DJH

The sample was extracted and analyzed by GC/MS. In addition to the specific list of semi-volatile compounds, the sample was scanned for any other semi-volatile compounds above the detection limit of 0.1 Mg/Kg. The following compounds were tentatively identified with the estimated concentrations shown. Some compounds may have been detected but not reported because of their low concentrations or inability of identification.

Compound	Concentration (Mg/Kg)
3,3'-Diethyl-1-methyl-2,4-azetidinedione	0.2
Acetic acid, 1-methylethyl ester	0.7
2,3,6-Trimethylheptane	0.3
Hexadecane	0.2
Heptadecane	0.2
Pentadecanoic acid	0.2
9-Hexadecanoic acid	0.4
Hexadecanoic acid	1.8
Octadecanoic aciid	0.4
Hexanedioic acid, dioctyl ester	0.3
2-Butoxyethanol phosphate	0.8
3-Eicosane	3.3
Docosanoic acid	0.5
1,2-Octadecanediol	0.5
1-(ethenyloxy)octadecane	1.5