DRAFT

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	GL01E02	Client:	Ecology and Environment
Date Received:	10/11/10	Project:	10JS-10/11/10-0001
Date Extracted:	10/12/10	Lab ID:	010120-01 1/100
Date Analyzed:	10/14/10	Data File:	101406.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	65	30	118
Phenol-d6	65	30	118
Nitrobenzene-d5	68	10	180
2-Fluorobiphenyl	74	40	130
2,4,6-Tribromophenol	0 ds	16	116
Terphenyl-d14	86	30	144

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Phenol	<30	3-Nitroaniline	<90
Bis(2-chloroethyl) ether	<3	Acenaphthene	<3
2-Chlorophenol	<30	2,4-Dinitrophenol	<90
1,3-Dichlorobenzene	<3	Dibenzofuran	<3
1,4-Dichlorobenzene	<3	2,4-Dinitrotoluene	<3
1,2-Dichlorobenzene	<3	4-Nitrophenol	<30
Benzyl alcohol	<3	Diethyl phthalate	<3
Bis(2-chloroisopropyl) ether	<3	Fluorene	<3
2-Methylphenol	<30	4-Chlorophenyl phenyl ether	<3
Hexachloroethane	<3	N-Nitrosodiphenylamine	<3
N-Nitroso-di-n-propylamine	<3	4-Nitroaniline	<90
3-Methylphenol + 4-Methylphenol	<30	4,6-Dinitro-2-methylphenol	<90
Nitrobenzene	<3	4-Bromophenyl phenyl ether	<3
Isophorone	<3	Hexachlorobenzene	<3
2-Nitrophenol	<30	Pentachlorophenol	<30
2,4-Dimethylphenol	<30	Phenanthrene	<3
Benzoic acid	<300	Anthracene	<3
Bis(2-chloroethoxy)methane	<3	Carbazole	<3
2,4-Dichlorophenol	<30	Di-n-butyl phthalate	<3
1,2,4-Trichlorobenzene	<3	Fluoranthene	<3
Naphthalene	<3	Pyrene	<3
Hexachlorobutadiene	<3	Benzyl butyl phthalate	<3
4-Chloroaniline	<300	Benz(a)anthracene	<3
4-Chloro-3-methylphenol	<30	Chrysene	<3
2-Methylnaphthalene	<3	Bis(2-ethylhexyl) phthalate	<30
Hexachlorocyclopentadiene	<9	Di-n-octyl phthalate	<3
2,4,6-Trichlorophenol	<30	Benzo(a)pyrene	<3
2,4,5-Trichlorophenol	<30	Benzo(b)fluoranthene	<3
2-Chloronaphthalene	<3	Benzo(k)fluoranthene	<3
2-Nitroaniline	<3	Indeno(1,2,3-cd)pyrene	<3
Dimethyl phthalate	<3	Dibenz(a,h)anthracene	<3
Acenaphthylene	<3	Benzo(g,h,i)perylene	<3
2,6-Dinitrotoluene	<3		

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	GL01E01	Client:	Ecology and Environment
Date Received:	10/11/10	Project:	10JS-10/11/10-0001
Date Extracted:	10/12/10	Lab ID:	010120-02 1/100
Date Analyzed:	10/14/10	Data File:	101410.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	55	30	118
Phenol-d6	61	30	118
Nitrobenzene-d5	63	10	180
2-Fluorobiphenyl	73	40	130
2,4,6-Tribromophenol	0 ds	16	116
Terphenyl-d14	80	30	144

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Phenol	<30	3-Nitroaniline	<90
Bis(2-chloroethyl) ether	<3	Acenaphthene	<3
2-Chlorophenol	<30	2,4-Dinitrophenol	<90
1,3-Dichlorobenzene	<3	Dibenzofuran	<3
1,4-Dichlorobenzene	<3	2,4-Dinitrotoluene	<3
1,2-Dichlorobenzene	<3	4-Nitrophenol	<30
Benzyl alcohol	<3	Diethyl phthalate	<3
Bis(2-chloroisopropyl) ether	<3	Fluorene	<3
2-Methylphenol	<30	4-Chlorophenyl phenyl ether	<3
Hexachloroethane	<3	N-Nitrosodiphenylamine	<3
N-Nitroso-di-n-propylamine	<3	4-Nitroaniline	<90
3-Methylphenol + 4-Methylphenol	<30	4,6-Dinitro-2-methylphenol	<90
Nitrobenzene	<3	4-Bromophenyl phenyl ether	<3
Isophorone	<3	Hexachlorobenzene	<3
2-Nitrophenol	<30	Pentachlorophenol	<30
2,4-Dimethylphenol	<30	Phenanthrene	<3
Benzoic acid	<300	Anthracene	<3
Bis(2-chloroethoxy)methane	<3	Carbazole	<3
2,4-Dichlorophenol	<30	Di-n-butyl phthalate	<3
1,2,4-Trichlorobenzene	<3	Fluoranthene	5.9
Naphthalene	<3	Pyrene	9.7
Hexachlorobutadiene	<3	Benzyl butyl phthalate	<3
4-Chloroaniline	<300	Benz(a)anthracene	<3
4-Chloro-3-methylphenol	<30	Chrysene	<3
2-Methylnaphthalene	<3	Bis(2-ethylhexyl) phthalate	<30
Hexachlorocyclopentadiene	<9	Di-n-octyl phthalate	<3
2,4,6-Trichlorophenol	<30	Benzo(a)pyrene	3.1
2,4,5-Trichlorophenol	<30	Benzo(b)fluoranthene	5.0
2-Chloronaphthalene	<3	Benzo(k)fluoranthene	<3
2-Nitroaniline	<3	Indeno(1,2,3-cd)pyrene	<3
Dimethyl phthalate	<3	Dibenz(a,h)anthracene	<3
Acenaphthylene	<3	Benzo(g,h,i)perylene	<3
2,6-Dinitrotoluene	<3		

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	GL01W01	Client:	Ecology and Environment
Date Received:	10/11/10	Project:	10JS-10/11/10-0001
Date Extracted:	10/12/10	Lab ID:	010120-03 1/100
Date Analyzed:	10/14/10	Data File:	101414.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	72	30	118
Phenol-d6	71	30	118
Nitrobenzene-d5	78	10	180
2-Fluorobiphenyl	67	40	130
2,4,6-Tribromophenol	0 ds	16	116
Terphenyl-d14	79	30	144

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Phenol	<30	3-Nitroaniline	<90
Bis(2-chloroethyl) ether	<3	Acenaphthene	<3
2-Chlorophenol	<30	2,4-Dinitrophenol	<90
1,3-Dichlorobenzene	<3	Dibenzofuran	<3
1,4-Dichlorobenzene	<3	2,4-Dinitrotoluene	<3
1,2-Dichlorobenzene	<3	4-Nitrophenol	<30
Benzyl alcohol	<3	Diethyl phthalate	<3
Bis(2-chloroisopropyl) ether	<3	Fluorene	<3
2-Methylphenol	<30	4-Chlorophenyl phenyl ether	<3
Hexachloroethane	<3	N-Nitrosodiphenylamine	<3
N-Nitroso-di-n-propylamine	<3	4-Nitroaniline	<90
3-Methylphenol + 4-Methylphenol	<30	4,6-Dinitro-2-methylphenol	<90
Nitrobenzene	<3	4-Bromophenyl phenyl ether	<3
Isophorone	<3	Hexachlorobenzene	<3
2-Nitrophenol	<30	Pentachlorophenol	<30
2,4-Dimethylphenol	<30	Phenanthrene	<3
Benzoic acid	<300	Anthracene	<3
Bis(2-chloroethoxy)methane	<3	Carbazole	<3
2,4-Dichlorophenol	<30	Di-n-butyl phthalate	<3
1,2,4-Trichlorobenzene	<3	Fluoranthene	5.0
Naphthalene	<3	Pyrene	9.8
Hexachlorobutadiene	<3	Benzyl butyl phthalate	<3
4-Chloroaniline	<300	Benz(a)anthracene	4.6
4-Chloro-3-methylphenol	<30	Chrysene	3.1
2-Methylnaphthalene	<3	Bis(2-ethylhexyl) phthalate	<30
Hexachlorocyclopentadiene	<9	Di-n-octyl phthalate	<3
2,4,6-Trichlorophenol	<30	Benzo(a)pyrene	3.9
2,4,5-Trichlorophenol	<30	Benzo(b)fluoranthene	5.5
2-Chloronaphthalene	<3	Benzo(k)fluoranthene	<3
2-Nitroaniline	<3	Indeno(1,2,3-cd)pyrene	3.3
Dimethyl phthalate	<3	Dibenz(a,h)anthracene	<3
Acenaphthylene	<3	Benzo(g,h,i)perylene	<3
2,6-Dinitrotoluene	<3		

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	GL02E01	Client:	Ecology and Environment
Date Received:	10/11/10	Project:	10JS-10/11/10-0001
Date Extracted:	10/12/10	Lab ID:	010120-04 1/100
Date Analyzed:	10/14/10	Data File:	101411.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	57	30	118
Phenol-d6	66	30	118
Nitrobenzene-d5	65	10	180
2-Fluorobiphenyl	73	40	130
2,4,6-Tribromophenol	0 ds	16	116
Terphenyl-d14	80	30	144

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Phenol	<30	3-Nitroaniline	<90
Bis(2-chloroethyl) ether	<3	Acenaphthene	<3
2-Chlorophenol	<30	2,4-Dinitrophenol	<90
1,3-Dichlorobenzene	<3	Dibenzofuran	<3
1,4-Dichlorobenzene	<3	2,4-Dinitrotoluene	<3
1,2-Dichlorobenzene	<3	4-Nitrophenol	<30
Benzyl alcohol	<3	Diethyl phthalate	<3
Bis(2-chloroisopropyl) ether	<3	Fluorene	<3
2-Methylphenol	<30	4-Chlorophenyl phenyl ether	<3
Hexachloroethane	<3	N-Nitrosodiphenylamine	<3
N-Nitroso-di-n-propylamine	<3	4-Nitroaniline	<90
3-Methylphenol + 4-Methylphenol	<30	4,6-Dinitro-2-methylphenol	<90
Nitrobenzene	<3	4-Bromophenyl phenyl ether	<3
Isophorone	<3	Hexachlorobenzene	<3
2-Nitrophenol	<30	Pentachlorophenol	<30
2,4-Dimethylphenol	<30	Phenanthrene	14
Benzoic acid	<300	Anthracene	<3
Bis(2-chloroethoxy)methane	<3	Carbazole	<3
2,4-Dichlorophenol	<30	Di-n-butyl phthalate	<3
1,2,4-Trichlorobenzene	<3	Fluoranthene	12
Naphthalene	<3	Pyrene	21
Hexachlorobutadiene	<3	Benzyl butyl phthalate	<3
4-Chloroaniline	<300	Benz(a)anthracene	5.9
4-Chloro-3-methylphenol	<30	Chrysene	5.7
2-Methylnaphthalene	<3	Bis(2-ethylhexyl) phthalate	<30
Hexachlorocyclopentadiene	<9	Di-n-octyl phthalate	<3
2,4,6-Trichlorophenol	<30	Benzo(a)pyrene	5.0
2,4,5-Trichlorophenol	<30	Benzo(b)fluoranthene	8.2
2-Chloronaphthalene	<3	Benzo(k)fluoranthene	<3
2-Nitroaniline	<3	Indeno(1,2,3-cd)pyrene	3.7
Dimethyl phthalate	<3	Dibenz(a,h)anthracene	<3
Acenaphthylene	<3	Benzo(g,h,i)perylene	3.7
2,6-Dinitrotoluene	<3		

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	GL02E02	Client:	Ecology and Environment
Date Received:	10/11/10	Project:	10JS-10/11/10-0001
Date Extracted:	10/12/10	Lab ID:	010120-05 1/100
Date Analyzed:	10/14/10	Data File:	101407.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	67	30	118
Phenol-d6	67	30	118
Nitrobenzene-d5	72	10	180
2-Fluorobiphenyl	73	40	130
2,4,6-Tribromophenol	0 ds	16	116
Terphenyl-d14	92	30	144

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Phenol	<30	3-Nitroaniline	<90
Bis(2-chloroethyl) ether	<3	Acenaphthene	<3
2-Chlorophenol	<30	2,4-Dinitrophenol	<90
1,3-Dichlorobenzene	<3	Dibenzofuran	<3
1,4-Dichlorobenzene	<3	2,4-Dinitrotoluene	<3
1,2-Dichlorobenzene	<3	4-Nitrophenol	<30
Benzyl alcohol	<3	Diethyl phthalate	<3
Bis(2-chloroisopropyl) ether	<3	Fluorene	<3
2-Methylphenol	<30	4-Chlorophenyl phenyl ether	<3
Hexachloroethane	<3	N-Nitrosodiphenylamine	<3
N-Nitroso-di-n-propylamine	<3	4-Nitroaniline	<90
3-Methylphenol + 4-Methylphenol	<30	4,6-Dinitro-2-methylphenol	<90
Nitrobenzene	<3	4-Bromophenyl phenyl ether	<3
Isophorone	<3	Hexachlorobenzene	<3
2-Nitrophenol	<30	Pentachlorophenol	<30
2,4-Dimethylphenol	<30	Phenanthrene	<3
Benzoic acid	<300	Anthracene	<3
Bis(2-chloroethoxy)methane	<3	Carbazole	<3
2,4-Dichlorophenol	<30	Di-n-butyl phthalate	<3
1,2,4-Trichlorobenzene	<3	Fluoranthene	<3
Naphthalene	<3	Pyrene	<3
Hexachlorobutadiene	<3	Benzyl butyl phthalate	<3
4-Chloroaniline	<300	Benz(a)anthracene	<3
4-Chloro-3-methylphenol	<30	Chrysene	<3
2-Methylnaphthalene	<3	Bis(2-ethylhexyl) phthalate	<30
Hexachlorocyclopentadiene	<9	Di-n-octyl phthalate	<3
2,4,6-Trichlorophenol	<30	Benzo(a)pyrene	<3
2,4,5-Trichlorophenol	<30	Benzo(b)fluoranthene	<3
2-Chloronaphthalene	<3	Benzo(k)fluoranthene	<3
2-Nitroaniline	<3	Indeno(1,2,3-cd)pyrene	<3
Dimethyl phthalate	<3	Dibenz(a,h)anthracene	<3
Acenaphthylene	<3	Benzo(g,h,i)perylene	<3
2,6-Dinitrotoluene	<3		

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	GL03E03	Client:	Ecology and Environment
Date Received:	10/11/10	Project:	10JS-10/11/10-0001
Date Extracted:	10/12/10	Lab ID:	010120-06 1/100
Date Analyzed:	10/14/10	Data File:	101408.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	63	30	118
Phenol-d6	74	30	118
Nitrobenzene-d5	61	10	180
2-Fluorobiphenyl	76	40	130
2,4,6-Tribromophenol	0 ds	16	116
Terphenyl-d14	84	30	144

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Phenol	<30	3-Nitroaniline	<90
Bis(2-chloroethyl) ether	<3	Acenaphthene	<3
2-Chlorophenol	<30	2,4-Dinitrophenol	<90
1,3-Dichlorobenzene	<3	Dibenzofuran	<3
1,4-Dichlorobenzene	<3	2,4-Dinitrotoluene	<3
1,2-Dichlorobenzene	<3	4-Nitrophenol	<30
Benzyl alcohol	<3	Diethyl phthalate	<3
Bis(2-chloroisopropyl) ether	<3	Fluorene	<3
2-Methylphenol	<30	4-Chlorophenyl phenyl ether	<3
Hexachloroethane	<3	N-Nitrosodiphenylamine	<3
N-Nitroso-di-n-propylamine	<3	4-Nitroaniline	<90
3-Methylphenol + 4-Methylphenol	<30	4,6-Dinitro-2-methylphenol	<90
Nitrobenzene	<3	4-Bromophenyl phenyl ether	<3
Isophorone	<3	Hexachlorobenzene	<3
2-Nitrophenol	<30	Pentachlorophenol	<30
2,4-Dimethylphenol	<30	Phenanthrene	<3
Benzoic acid	<300	Anthracene	<3
Bis(2-chloroethoxy)methane	<3	Carbazole	<3
2,4-Dichlorophenol	<30	Di-n-butyl phthalate	<3
1,2,4-Trichlorobenzene	<3	Fluoranthene	<3
Naphthalene	<3	Pyrene	<3
Hexachlorobutadiene	<3	Benzyl butyl phthalate	<3
4-Chloroaniline	<300	Benz(a)anthracene	<3
4-Chloro-3-methylphenol	<30	Chrysene	<3
2-Methylnaphthalene	<3	Bis(2-ethylhexyl) phthalate	<30
Hexachlorocyclopentadiene	<9	Di-n-octyl phthalate	<3
2,4,6-Trichlorophenol	<30	Benzo(a)pyrene	<3
2,4,5-Trichlorophenol	<30	Benzo(b)fluoranthene	<3
2-Chloronaphthalene	<3	Benzo(k)fluoranthene	<3
2-Nitroaniline	<3	Indeno(1,2,3-cd)pyrene	<3
Dimethyl phthalate	<3	Dibenz(a,h)anthracene	<3
Acenaphthylene	<3	Benzo(g,h,i)perylene	<3
2,6-Dinitrotoluene	<3		

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	GL02W01	Client:	Ecology and Environment
Date Received:	10/11/10	Project:	10JS-10/11/10-0001
Date Extracted:	10/12/10	Lab ID:	010120-07 1/100
Date Analyzed:	10/14/10	Data File:	101415.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	61	30	118
Phenol-d6	60	30	118
Nitrobenzene-d5	64	10	180
2-Fluorobiphenyl	71	40	130
2,4,6-Tribromophenol	0 ds	16	116
Terphenyl-d14	69	30	144

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Phenol	<30	3-Nitroaniline	<90
Bis(2-chloroethyl) ether	<3	Acenaphthene	<3
2-Chlorophenol	<30	2,4-Dinitrophenol	<90
1,3-Dichlorobenzene	<3	Dibenzofuran	<3
1,4-Dichlorobenzene	<3	2,4-Dinitrotoluene	<3
1,2-Dichlorobenzene	<3	4-Nitrophenol	<30
Benzyl alcohol	<3	Diethyl phthalate	<3
Bis(2-chloroisopropyl) ether	<3	Fluorene	<3
2-Methylphenol	<30	4-Chlorophenyl phenyl ether	<3
Hexachloroethane	<3	N-Nitrosodiphenylamine	<3
N-Nitroso-di-n-propylamine	<3	4-Nitroaniline	<90
3-Methylphenol + 4-Methylphenol	<30	4,6-Dinitro-2-methylphenol	<90
Nitrobenzene	<3	4-Bromophenyl phenyl ether	<3
Isophorone	<3	Hexachlorobenzene	<3
2-Nitrophenol	<30	Pentachlorophenol	<30
2,4-Dimethylphenol	<30	Phenanthrene	5.5
Benzoic acid	<300	Anthracene	<3
Bis(2-chloroethoxy)methane	<3	Carbazole	<3
2,4-Dichlorophenol	<30	Di-n-butyl phthalate	<3
1,2,4-Trichlorobenzene	<3	Fluoranthene	13
Naphthalene	<3	Pyrene	23
Hexachlorobutadiene	<3	Benzyl butyl phthalate	<3
4-Chloroaniline	<300	Benz(a)anthracene	7.6
4-Chloro-3-methylphenol	<30	Chrysene	7.5
2-Methylnaphthalene	<3	Bis(2-ethylhexyl) phthalate	<30
Hexachlorocyclopentadiene	<9	Di-n-octyl phthalate	<3
2,4,6-Trichlorophenol	<30	Benzo(a)pyrene	7.0
2,4,5-Trichlorophenol	<30	Benzo(b)fluoranthene	11
2-Chloronaphthalene	<3	Benzo(k)fluoranthene	<3
2-Nitroaniline	<3	Indeno(1,2,3-cd)pyrene	5.5
Dimethyl phthalate	<3	Dibenz(a,h)anthracene	<3
Acenaphthylene	<3	Benzo(g,h,i)perylene	5.5
2,6-Dinitrotoluene	<3		

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	GL02W02	Client:	Ecology and Environment
Date Received:	10/11/10	Project:	10JS-10/11/10-0001
Date Extracted:	10/12/10	Lab ID:	010120-08 1/100
Date Analyzed:	10/16/10	Data File:	101528.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	43	30	118
Phenol-d6	61	30	118
Nitrobenzene-d5	72	10	180
2-Fluorobiphenyl	32 ds	40	130
2,4,6-Tribromophenol	0 ds	16	116
Terphenyl-d14	72	30	144

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Phenol	<30	3-Nitroaniline	<90
Bis(2-chloroethyl) ether	<3	Acenaphthene	<3
2-Chlorophenol	<30	2,4-Dinitrophenol	<90
1,3-Dichlorobenzene	<3	Dibenzofuran	<3
1,4-Dichlorobenzene	<3	2,4-Dinitrotoluene	<3
1,2-Dichlorobenzene	<3	4-Nitrophenol	<30
Benzyl alcohol	<3	Diethyl phthalate	<3
Bis(2-chloroisopropyl) ether	<3	Fluorene	<3
2-Methylphenol	<30	4-Chlorophenyl phenyl ether	<3
Hexachloroethane	<3	N-Nitrosodiphenylamine	<3
N-Nitroso-di-n-propylamine	<3	4-Nitroaniline	<90
3-Methylphenol + 4-Methylphenol	<30	4,6-Dinitro-2-methylphenol	<90
Nitrobenzene	<3	4-Bromophenyl phenyl ether	<3
Isophorone	<3	Hexachlorobenzene	<3
2-Nitrophenol	<30	Pentachlorophenol	<30
2,4-Dimethylphenol	<30	Phenanthrene	3.2
Benzoic acid	<300	Anthracene	<3
Bis(2-chloroethoxy)methane	<3	Carbazole	<3
2,4-Dichlorophenol	<30	Di-n-butyl phthalate	<3
1,2,4-Trichlorobenzene	<3	Fluoranthene	6.3
Naphthalene	<3	Pyrene	11
Hexachlorobutadiene	<3	Benzyl butyl phthalate	<3
4-Chloroaniline	<300	Benz(a)anthracene	3.9
4-Chloro-3-methylphenol	<30	Chrysene	4.0
2-Methylnaphthalene	<3	Bis(2-ethylhexyl) phthalate	<30
Hexachlorocyclopentadiene	<9	Di-n-octyl phthalate	<3
2,4,6-Trichlorophenol	<30	Benzo(a)pyrene	<3
2,4,5-Trichlorophenol	<30	Benzo(b)fluoranthene	4.7
2-Chloronaphthalene	<3	Benzo(k)fluoranthene	<3
2-Nitroaniline	<3	Indeno(1,2,3-cd)pyrene	<3
Dimethyl phthalate	<3	Dibenz(a,h)anthracene	<3
Acenaphthylene	<3	Benzo(g,h,i)perylene	<3
2,6-Dinitrotoluene	<3		

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	GL03E01	Client:	Ecology and Environment
Date Received:	10/11/10	Project:	10JS-10/11/10-0001
Date Extracted:	10/12/10	Lab ID:	010120-09 1/100
Date Analyzed:	10/14/10	Data File:	101413.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	55	30	118
Phenol-d6	63	30	118
Nitrobenzene-d5	59	10	180
2-Fluorobiphenyl	63	40	130
2,4,6-Tribromophenol	0 ds	16	116
Terphenyl-d14	72	30	144

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Phenol	<30	3-Nitroaniline	<90
Bis(2-chloroethyl) ether	<3	Acenaphthene	<3
2-Chlorophenol	<30	2,4-Dinitrophenol	<90
1,3-Dichlorobenzene	<3	Dibenzofuran	<3
1,4-Dichlorobenzene	<3	2,4-Dinitrotoluene	<3
1,2-Dichlorobenzene	<3	4-Nitrophenol	<30
Benzyl alcohol	<3	Diethyl phthalate	<3
Bis(2-chloroisopropyl) ether	<3	Fluorene	<3
2-Methylphenol	<30	4-Chlorophenyl phenyl ether	<3
Hexachloroethane	<3	N-Nitrosodiphenylamine	<3
N-Nitroso-di-n-propylamine	<3	4-Nitroaniline	<90
3-Methylphenol + 4-Methylphenol	<30	4,6-Dinitro-2-methylphenol	<90
Nitrobenzene	<3	4-Bromophenyl phenyl ether	<3
Isophorone	<3	Hexachlorobenzene	<3
2-Nitrophenol	<30	Pentachlorophenol	<30
2,4-Dimethylphenol	<30	Phenanthrene	3.0
Benzoic acid	<300	Anthracene	<3
Bis(2-chloroethoxy)methane	<3	Carbazole	<3
2,4-Dichlorophenol	<30	Di-n-butyl phthalate	<3
1,2,4-Trichlorobenzene	<3	Fluoranthene	7.0
Naphthalene	<3	Pyrene	13
Hexachlorobutadiene	<3	Benzyl butyl phthalate	<3
4-Chloroaniline	<300	Benz(a)anthracene	4.4
4-Chloro-3-methylphenol	<30	Chrysene	4.9
2-Methylnaphthalene	<3	Bis(2-ethylhexyl) phthalate	<30
Hexachlorocyclopentadiene	<9	Di-n-octyl phthalate	<3
2,4,6-Trichlorophenol	<30	Benzo(a)pyrene	3.9
2,4,5-Trichlorophenol	<30	Benzo(b)fluoranthene	6.5
2-Chloronaphthalene	<3	Benzo(k)fluoranthene	<3
2-Nitroaniline	<3	Indeno(1,2,3-cd)pyrene	3.0
Dimethyl phthalate	<3	Dibenz(a,h)anthracene	<3
Acenaphthylene	<3	Benzo(g,h,i)perylene	<3
2,6-Dinitrotoluene	<3		

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	GL03E02	Client:	Ecology and Environment
Date Received:	10/11/10	Project:	10JS-10/11/10-0001
Date Extracted:	10/12/10	Lab ID:	010120-10 1/100
Date Analyzed:	10/16/10	Data File:	101527.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	59	30	118
Phenol-d6	58	30	118
Nitrobenzene-d5	73	10	180
2-Fluorobiphenyl	39 J, ds	40	130
2,4,6-Tribromophenol	0 J, ds	16	116
Terphenyl-d14	67	30	144

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Phenol	<30	3-Nitroaniline	<90 J
Bis(2-chloroethyl) ether	<3	Acenaphthene	<3 J
2-Chlorophenol	<30	2,4-Dinitrophenol	<90 J
1,3-Dichlorobenzene	<3	Dibenzofuran	<3 J
1,4-Dichlorobenzene	<3	2,4-Dinitrotoluene	<3 J
1,2-Dichlorobenzene	<3	4-Nitrophenol	<30 J
Benzyl alcohol	<3	Diethyl phthalate	<3 J
Bis(2-chloroisopropyl) ether	<3	Fluorene	<3 J
2-Methylphenol	<30	4-Chlorophenyl phenyl ether	<3 J
Hexachloroethane	<3	N-Nitrosodiphenylamine	<3
N-Nitroso-di-n-propylamine	<3	4-Nitroaniline	<90
3-Methylphenol + 4-Methylphenol	<30	4,6-Dinitro-2-methylphenol	<90
Nitrobenzene	<3	4-Bromophenyl phenyl ether	<3
Isophorone	<3	Hexachlorobenzene	<3
2-Nitrophenol	<30	Pentachlorophenol	<30
2,4-Dimethylphenol	<30	Phenanthrene	<3
Benzoic acid	<300	Anthracene	<3
Bis(2-chloroethoxy)methane	<3	Carbazole	<3
2,4-Dichlorophenol	<30	Di-n-butyl phthalate	<3
1,2,4-Trichlorobenzene	<3	Fluoranthene	4.2
Naphthalene	<3	Pyrene	6.7
Hexachlorobutadiene	<3	Benzyl butyl phthalate	<3
4-Chloroaniline	<300	Benz(a)anthracene	<3
4-Chloro-3-methylphenol	<30	Chrysene	<3
2-Methylnaphthalene	<3	Bis(2-ethylhexyl) phthalate	<30
Hexachlorocyclopentadiene	<9 J	Di-n-octyl phthalate	<3
2,4,6-Trichlorophenol	<30 J	Benzo(a)pyrene	<3
2,4,5-Trichlorophenol	<30 J	Benzo(b)fluoranthene	3.5
2-Chloronaphthalene	<3 J	Benzo(k)fluoranthene	<3
2-Nitroaniline	<3 J	Indeno(1,2,3-cd)pyrene	<3
Dimethyl phthalate	<3 J	Dibenz(a,h)anthracene	<3
Acenaphthylene	<3 J	Benzo(g,h,i)perylene	<3
2,6-Dinitrotoluene	<3 J		

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	GL03W01	Client:	Ecology and Environment
Date Received:	10/11/10	Project:	10JS-10/11/10-0001
Date Extracted:	10/12/10	Lab ID:	010120-11 1/500
Date Analyzed:	10/16/10	Data File:	101529.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	50	30	118
Phenol-d6	40	30	118
Nitrobenzene-d5	55	10	180
2-Fluorobiphenyl	40	40	130
2,4,6-Tribromophenol	0 ds	16	116
Terphenyl-d14	65	30	144

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Phenol	<150	3-Nitroaniline	<450
Bis(2-chloroethyl) ether	<15	Acenaphthene	<15
2-Chlorophenol	<150	2,4-Dinitrophenol	<450
1,3-Dichlorobenzene	<15	Dibenzofuran	<15
1,4-Dichlorobenzene	<15	2,4-Dinitrotoluene	<15
1,2-Dichlorobenzene	<15	4-Nitrophenol	<150
Benzyl alcohol	<15	Diethyl phthalate	<15
Bis(2-chloroisopropyl) ether	<15	Fluorene	<15
2-Methylphenol	<150	4-Chlorophenyl phenyl ether	<15
Hexachloroethane	<15	N-Nitrosodiphenylamine	<15
N-Nitroso-di-n-propylamine	<15	4-Nitroaniline	<450
3-Methylphenol + 4-Methylphenol	<150	4,6-Dinitro-2-methylphenol	<450
Nitrobenzene	<15	4-Bromophenyl phenyl ether	<15
Isophorone	<15	Hexachlorobenzene	<15
2-Nitrophenol	<150	Pentachlorophenol	<150
2,4-Dimethylphenol	<150	Phenanthrene	18
Benzoic acid	<1,500	Anthracene	<15
Bis(2-chloroethoxy)methane	<15	Carbazole	<15
2,4-Dichlorophenol	<150	Di-n-butyl phthalate	<15
1,2,4-Trichlorobenzene	<15	Fluoranthene	42
Naphthalene	<15	Pyrene	72
Hexachlorobutadiene	<15	Benzyl butyl phthalate	<15
4-Chloroaniline	<1,500	Benz(a)anthracene	24
4-Chloro-3-methylphenol	<150	Chrysene	24
2-Methylnaphthalene	<15	Bis(2-ethylhexyl) phthalate	<150
Hexachlorocyclopentadiene	<45	Di-n-octyl phthalate	<15
2,4,6-Trichlorophenol	<150	Benzo(a)pyrene	17
2,4,5-Trichlorophenol	<150	Benzo(b)fluoranthene	32
2-Chloronaphthalene	<15	Benzo(k)fluoranthene	<15
2-Nitroaniline	<15	Indeno(1,2,3-cd)pyrene	16
Dimethyl phthalate	<15	Dibenz(a,h)anthracene	<15
Acenaphthylene	<15	Benzo(g,h,i)perylene	<15
2,6-Dinitrotoluene	<15		

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	GL03W02	Client:	Ecology and Environment
Date Received:	10/11/10	Project:	10JS-10/11/10-0001
Date Extracted:	10/12/10	Lab ID:	010120-12 1/100
Date Analyzed:	10/14/10	Data File:	101416.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	68	30	118
Phenol-d6	68	30	118
Nitrobenzene-d5	71	10	180
2-Fluorobiphenyl	64	40	130
2,4,6-Tribromophenol	0 ds	16	116
Terphenyl-d14	71	30	144

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Phenol	<30	3-Nitroaniline	<90
Bis(2-chloroethyl) ether	<3	Acenaphthene	<3
2-Chlorophenol	<30	2,4-Dinitrophenol	<90
1,3-Dichlorobenzene	<3	Dibenzofuran	<3
1,4-Dichlorobenzene	<3	2,4-Dinitrotoluene	<3
1,2-Dichlorobenzene	<3	4-Nitrophenol	<30
Benzyl alcohol	<3	Diethyl phthalate	<3
Bis(2-chloroisopropyl) ether	<3	Fluorene	<3
2-Methylphenol	<30	4-Chlorophenyl phenyl ether	<3
Hexachloroethane	<3	N-Nitrosodiphenylamine	<3
N-Nitroso-di-n-propylamine	<3	4-Nitroaniline	<90
3-Methylphenol + 4-Methylphenol	<30	4,6-Dinitro-2-methylphenol	<90
Nitrobenzene	<3	4-Bromophenyl phenyl ether	<3
Isophorone	<3	Hexachlorobenzene	<3
2-Nitrophenol	<30	Pentachlorophenol	<30
2,4-Dimethylphenol	<30	Phenanthrene	3.3
Benzoic acid	<300	Anthracene	<3
Bis(2-chloroethoxy)methane	<3	Carbazole	<3
2,4-Dichlorophenol	<30	Di-n-butyl phthalate	<3
1,2,4-Trichlorobenzene	<3	Fluoranthene	8.3
Naphthalene	<3	Pyrene	15
Hexachlorobutadiene	<3	Benzyl butyl phthalate	<3
4-Chloroaniline	<300	Benz(a)anthracene	6.6
4-Chloro-3-methylphenol	<30	Chrysene	4.4
2-Methylnaphthalene	<3	Bis(2-ethylhexyl) phthalate	<30
Hexachlorocyclopentadiene	<9	Di-n-octyl phthalate	<3
2,4,6-Trichlorophenol	<30	Benzo(a)pyrene	5.4
2,4,5-Trichlorophenol	<30	Benzo(b)fluoranthene	8.5
2-Chloronaphthalene	<3	Benzo(k)fluoranthene	<3
2-Nitroaniline	<3	Indeno(1,2,3-cd)pyrene	4.3
Dimethyl phthalate	<3	Dibenz(a,h)anthracene	<3
Acenaphthylene	<3	Benzo(g,h,i)perylene	4.0
2,6-Dinitrotoluene	<3		

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	GL04E01	Client:	Ecology and Environment
Date Received:	10/11/10	Project:	10JS-10/11/10-0001
Date Extracted:	10/12/10	Lab ID:	010120-13 1/100
Date Analyzed:	10/14/10	Data File:	101417.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	68	30	118
Phenol-d6	72	30	118
Nitrobenzene-d5	72	10	180
2-Fluorobiphenyl	71	40	130
2,4,6-Tribromophenol	0 ds	16	116
Terphenyl-d14	73	30	144

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Phenol	<30	3-Nitroaniline	<90
Bis(2-chloroethyl) ether	<3	Acenaphthene	<3
2-Chlorophenol	<30	2,4-Dinitrophenol	<90
1,3-Dichlorobenzene	<3	Dibenzofuran	<3
1,4-Dichlorobenzene	<3	2,4-Dinitrotoluene	<3
1,2-Dichlorobenzene	<3	4-Nitrophenol	<30
Benzyl alcohol	<3	Diethyl phthalate	<3
Bis(2-chloroisopropyl) ether	<3	Fluorene	<3
2-Methylphenol	<30	4-Chlorophenyl phenyl ether	<3
Hexachloroethane	<3	N-Nitrosodiphenylamine	<3
N-Nitroso-di-n-propylamine	<3	4-Nitroaniline	<90
3-Methylphenol + 4-Methylphenol	<30	4,6-Dinitro-2-methylphenol	<90
Nitrobenzene	<3	4-Bromophenyl phenyl ether	<3
Isophorone	<3	Hexachlorobenzene	<3
2-Nitrophenol	<30	Pentachlorophenol	<30
2,4-Dimethylphenol	<30	Phenanthrene	5.3
Benzoic acid	<300	Anthracene	<3
Bis(2-chloroethoxy)methane	<3	Carbazole	<3
2,4-Dichlorophenol	<30	Di-n-butyl phthalate	<3
1,2,4-Trichlorobenzene	<3	Fluoranthene	14
Naphthalene	<3	Pyrene	25
Hexachlorobutadiene	<3	Benzyl butyl phthalate	<3
4-Chloroaniline	<300	Benz(a)anthracene	9.4
4-Chloro-3-methylphenol	<30	Chrysene	6.9
2-Methylnaphthalene	<3	Bis(2-ethylhexyl) phthalate	<30
Hexachlorocyclopentadiene	<9	Di-n-octyl phthalate	<3
2,4,6-Trichlorophenol	<30	Benzo(a)pyrene	7.6
2,4,5-Trichlorophenol	<30	Benzo(b)fluoranthene	12
2-Chloronaphthalene	<3	Benzo(k)fluoranthene	<3
2-Nitroaniline	<3	Indeno(1,2,3-cd)pyrene	6.2
Dimethyl phthalate	<3	Dibenz(a,h)anthracene	<3
Acenaphthylene	<3	Benzo(g,h,i)perylene	6.1
2,6-Dinitrotoluene	<3		

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	GL04E02	Client:	Ecology and Environment
Date Received:	10/11/10	Project:	10JS-10/11/10-0001
Date Extracted:	10/12/10	Lab ID:	010120-14 1/100
Date Analyzed:	10/14/10	Data File:	101418.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	60	30	118
Phenol-d6	68	30	118
Nitrobenzene-d5	69	10	180
2-Fluorobiphenyl	56	40	130
2,4,6-Tribromophenol	0 ds	16	116
Terphenyl-d14	64	30	144

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Phenol	<30	3-Nitroaniline	<90
Bis(2-chloroethyl) ether	<3	Acenaphthene	<3
2-Chlorophenol	<30	2,4-Dinitrophenol	<90
1,3-Dichlorobenzene	<3	Dibenzofuran	<3
1,4-Dichlorobenzene	<3	2,4-Dinitrotoluene	<3
1,2-Dichlorobenzene	<3	4-Nitrophenol	<30
Benzyl alcohol	<3	Diethyl phthalate	<3
Bis(2-chloroisopropyl) ether	<3	Fluorene	<3
2-Methylphenol	<30	4-Chlorophenyl phenyl ether	<3
Hexachloroethane	<3	N-Nitrosodiphenylamine	<3
N-Nitroso-di-n-propylamine	<3	4-Nitroaniline	<90
3-Methylphenol + 4-Methylphenol	<30	4,6-Dinitro-2-methylphenol	<90
Nitrobenzene	<3	4-Bromophenyl phenyl ether	<3
Isophorone	<3	Hexachlorobenzene	<3
2-Nitrophenol	<30	Pentachlorophenol	<30
2,4-Dimethylphenol	<30	Phenanthrene	<3
Benzoic acid	<300	Anthracene	<3
Bis(2-chloroethoxy)methane	<3	Carbazole	<3
2,4-Dichlorophenol	<30	Di-n-butyl phthalate	<3
1,2,4-Trichlorobenzene	<3	Fluoranthene	10
Naphthalene	<3	Pyrene	19
Hexachlorobutadiene	<3	Benzyl butyl phthalate	<3
4-Chloroaniline	<300	Benz(a)anthracene	8.1
4-Chloro-3-methylphenol	<30	Chrysene	5.8
2-Methylnaphthalene	<3	Bis(2-ethylhexyl) phthalate	<30
Hexachlorocyclopentadiene	<9	Di-n-octyl phthalate	<3
2,4,6-Trichlorophenol	<30	Benzo(a)pyrene	6.6
2,4,5-Trichlorophenol	<30	Benzo(b)fluoranthene	10
2-Chloronaphthalene	<3	Benzo(k)fluoranthene	<3
2-Nitroaniline	<3	Indeno(1,2,3-cd)pyrene	5.6
Dimethyl phthalate	<3	Dibenz(a,h)anthracene	<3
Acenaphthylene	<3	Benzo(g,h,i)perylene	5.3
2,6-Dinitrotoluene	<3		

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	GL04E03	Client:	Ecology and Environment
Date Received:	10/11/10	Project:	10JS-10/11/10-0001
Date Extracted:	10/12/10	Lab ID:	010120-15 1/100
Date Analyzed:	10/15/10	Data File:	101506.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	54	30	118
Phenol-d6	55	30	118
Nitrobenzene-d5	73	10	180
2-Fluorobiphenyl	65	40	130
2,4,6-Tribromophenol	0 ds	16	116
Terphenyl-d14	75	30	144

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Phenol	<30	3-Nitroaniline	<90
Bis(2-chloroethyl) ether	<3	Acenaphthene	<3
2-Chlorophenol	<30	2,4-Dinitrophenol	<90
1,3-Dichlorobenzene	<3	Dibenzofuran	<3
1,4-Dichlorobenzene	<3	2,4-Dinitrotoluene	<3
1,2-Dichlorobenzene	<3	4-Nitrophenol	<30
Benzyl alcohol	<3	Diethyl phthalate	<3
Bis(2-chloroisopropyl) ether	<3	Fluorene	<3
2-Methylphenol	<30	4-Chlorophenyl phenyl ether	<3
Hexachloroethane	<3	N-Nitrosodiphenylamine	<3
N-Nitroso-di-n-propylamine	<3	4-Nitroaniline	<90
3-Methylphenol + 4-Methylphenol	<30	4,6-Dinitro-2-methylphenol	<90
Nitrobenzene	<3	4-Bromophenyl phenyl ether	<3
Isophorone	<3	Hexachlorobenzene	<3
2-Nitrophenol	<30	Pentachlorophenol	<30
2,4-Dimethylphenol	<30	Phenanthrene	<3
Benzoic acid	<300	Anthracene	<3
Bis(2-chloroethoxy)methane	<3	Carbazole	<3
2,4-Dichlorophenol	<30	Di-n-butyl phthalate	<3
1,2,4-Trichlorobenzene	<3	Fluoranthene	<3
Naphthalene	<3	Pyrene	4.5
Hexachlorobutadiene	<3	Benzyl butyl phthalate	<3
4-Chloroaniline	<300	Benz(a)anthracene	<3
4-Chloro-3-methylphenol	<30	Chrysene	<3
2-Methylnaphthalene	<3	Bis(2-ethylhexyl) phthalate	<30
Hexachlorocyclopentadiene	<9	Di-n-octyl phthalate	<3
2,4,6-Trichlorophenol	<30	Benzo(a)pyrene	<3
2,4,5-Trichlorophenol	<30	Benzo(b)fluoranthene	<3
2-Chloronaphthalene	<3	Benzo(k)fluoranthene	<3
2-Nitroaniline	<3	Indeno(1,2,3-cd)pyrene	<3
Dimethyl phthalate	<3	Dibenz(a,h)anthracene	<3
Acenaphthylene	<3	Benzo(g,h,i)perylene	<3
2,6-Dinitrotoluene	<3		

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	GL04E04	Client:	Ecology and Environment
Date Received:	10/11/10	Project:	10JS-10/11/10-0001
Date Extracted:	10/12/10	Lab ID:	010120-16 1/100
Date Analyzed:	10/15/10	Data File:	101507.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	53	30	118
Phenol-d6	57	30	118
Nitrobenzene-d5	79	10	180
2-Fluorobiphenyl	67	40	130
2,4,6-Tribromophenol	0 ds	16	116
Terphenyl-d14	75	30	144

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Phenol	<30	3-Nitroaniline	<90
Bis(2-chloroethyl) ether	<3	Acenaphthene	<3
2-Chlorophenol	<30	2,4-Dinitrophenol	<90
1,3-Dichlorobenzene	<3	Dibenzofuran	<3
1,4-Dichlorobenzene	<3	2,4-Dinitrotoluene	<3
1,2-Dichlorobenzene	<3	4-Nitrophenol	<30
Benzyl alcohol	<3	Diethyl phthalate	<3
Bis(2-chloroisopropyl) ether	<3	Fluorene	<3
2-Methylphenol	<30	4-Chlorophenyl phenyl ether	<3
Hexachloroethane	<3	N-Nitrosodiphenylamine	<3
N-Nitroso-di-n-propylamine	<3	4-Nitroaniline	<90
3-Methylphenol + 4-Methylphenol	<30	4,6-Dinitro-2-methylphenol	<90
Nitrobenzene	<3	4-Bromophenyl phenyl ether	<3
Isophorone	<3	Hexachlorobenzene	<3
2-Nitrophenol	<30	Pentachlorophenol	<30
2,4-Dimethylphenol	<30	Phenanthrene	<3
Benzoic acid	<300	Anthracene	<3
Bis(2-chloroethoxy)methane	<3	Carbazole	<3
2,4-Dichlorophenol	<30	Di-n-butyl phthalate	<3
1,2,4-Trichlorobenzene	<3	Fluoranthene	<3
Naphthalene	<3	Pyrene	<3
Hexachlorobutadiene	<3	Benzyl butyl phthalate	<3
4-Chloroaniline	<300	Benz(a)anthracene	<3
4-Chloro-3-methylphenol	<30	Chrysene	<3
2-Methylnaphthalene	<3	Bis(2-ethylhexyl) phthalate	<30
Hexachlorocyclopentadiene	<9	Di-n-octyl phthalate	<3
2,4,6-Trichlorophenol	<30	Benzo(a)pyrene	<3
2,4,5-Trichlorophenol	<30	Benzo(b)fluoranthene	<3
2-Chloronaphthalene	<3	Benzo(k)fluoranthene	<3
2-Nitroaniline	<3	Indeno(1,2,3-cd)pyrene	<3
Dimethyl phthalate	<3	Dibenz(a,h)anthracene	<3
Acenaphthylene	<3	Benzo(g,h,i)perylene	<3
2,6-Dinitrotoluene	<3		

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	GL04W01	Client:	Ecology and Environment
Date Received:	10/11/10	Project:	10JS-10/11/10-0001
Date Extracted:	10/12/10	Lab ID:	010120-17 1/100
Date Analyzed:	10/15/10	Data File:	101514.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	71	30	118
Phenol-d6	71	30	118
Nitrobenzene-d5	68	10	180
2-Fluorobiphenyl	68	40	130
2,4,6-Tribromophenol	0 ds	16	116
Terphenyl-d14	83	30	144

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Phenol	<30	3-Nitroaniline	<90
Bis(2-chloroethyl) ether	<3	Acenaphthene	<3
2-Chlorophenol	<30	2,4-Dinitrophenol	<90
1,3-Dichlorobenzene	<3	Dibenzofuran	<3
1,4-Dichlorobenzene	<3	2,4-Dinitrotoluene	<3
1,2-Dichlorobenzene	<3	4-Nitrophenol	<30
Benzyl alcohol	<3	Diethyl phthalate	3.3
Bis(2-chloroisopropyl) ether	<3	Fluorene	<3
2-Methylphenol	<30	4-Chlorophenyl phenyl ether	<3
Hexachloroethane	<3	N-Nitrosodiphenylamine	<3
N-Nitroso-di-n-propylamine	<3	4-Nitroaniline	<90
3-Methylphenol + 4-Methylphenol	<30	4,6-Dinitro-2-methylphenol	<90
Nitrobenzene	<3	4-Bromophenyl phenyl ether	<3
Isophorone	<3	Hexachlorobenzene	<3
2-Nitrophenol	<30	Pentachlorophenol	<30
2,4-Dimethylphenol	<30	Phenanthrene	4.7
Benzoic acid	<300	Anthracene	<3
Bis(2-chloroethoxy)methane	<3	Carbazole	<3
2,4-Dichlorophenol	<30	Di-n-butyl phthalate	<3
1,2,4-Trichlorobenzene	<3	Fluoranthene	15
Naphthalene	<3	Pyrene	26
Hexachlorobutadiene	<3	Benzyl butyl phthalate	<3
4-Chloroaniline	<300	Benz(a)anthracene	9.6
4-Chloro-3-methylphenol	<30	Chrysene	9.8
2-Methylnaphthalene	<3	Bis(2-ethylhexyl) phthalate	<30
Hexachlorocyclopentadiene	<9	Di-n-octyl phthalate	<3
2,4,6-Trichlorophenol	<30	Benzo(a)pyrene	9.6
2,4,5-Trichlorophenol	<30	Benzo(b)fluoranthene	13
2-Chloronaphthalene	<3	Benzo(k)fluoranthene	3.5
2-Nitroaniline	<3	Indeno(1,2,3-cd)pyrene	7.2
Dimethyl phthalate	<3	Dibenz(a,h)anthracene	<3
Acenaphthylene	<3	Benzo(g,h,i)perylene	7.1
2,6-Dinitrotoluene	<3		

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	GL04W02	Client:	Ecology and Environment
Date Received:	10/11/10	Project:	10JS-10/11/10-0001
Date Extracted:	10/12/10	Lab ID:	010120-18 1/500
Date Analyzed:	10/15/10	Data File:	101520.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	55	30	118
Phenol-d6	45	30	118
Nitrobenzene-d5	80	10	180
2-Fluorobiphenyl	70	40	130
2,4,6-Tribromophenol	0 ds	16	116
Terphenyl-d14	70	30	144

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Phenol	<150	3-Nitroaniline	<450
Bis(2-chloroethyl) ether	<15	Acenaphthene	<15
2-Chlorophenol	<150	2,4-Dinitrophenol	<450
1,3-Dichlorobenzene	<15	Dibenzofuran	<15
1,4-Dichlorobenzene	<15	2,4-Dinitrotoluene	<15
1,2-Dichlorobenzene	<15	4-Nitrophenol	<150
Benzyl alcohol	<15	Diethyl phthalate	<15
Bis(2-chloroisopropyl) ether	<15	Fluorene	<15
2-Methylphenol	<150	4-Chlorophenyl phenyl ether	<15
Hexachloroethane	<15	N-Nitrosodiphenylamine	<15
N-Nitroso-di-n-propylamine	<15	4-Nitroaniline	<450
3-Methylphenol + 4-Methylphenol	<150	4,6-Dinitro-2-methylphenol	<450
Nitrobenzene	<15	4-Bromophenyl phenyl ether	<15
Isophorone	<15	Hexachlorobenzene	<15
2-Nitrophenol	<150	Pentachlorophenol	<150
2,4-Dimethylphenol	<150	Phenanthrene	<15
Benzoic acid	<1,500	Anthracene	<15
Bis(2-chloroethoxy)methane	<15	Carbazole	<15
2,4-Dichlorophenol	<150	Di-n-butyl phthalate	<15
1,2,4-Trichlorobenzene	<15	Fluoranthene	26
Naphthalene	<15	Pyrene	40
Hexachlorobutadiene	<15	Benzyl butyl phthalate	<15
4-Chloroaniline	<1,500	Benz(a)anthracene	16
4-Chloro-3-methylphenol	<150	Chrysene	16
2-Methylnaphthalene	<15	Bis(2-ethylhexyl) phthalate	<150
Hexachlorocyclopentadiene	<45	Di-n-octyl phthalate	<15
2,4,6-Trichlorophenol	<150	Benzo(a)pyrene	<15
2,4,5-Trichlorophenol	<150	Benzo(b)fluoranthene	21
2-Chloronaphthalene	<15	Benzo(k)fluoranthene	<15
2-Nitroaniline	<15	Indeno(1,2,3-cd)pyrene	<15
Dimethyl phthalate	<15	Dibenz(a,h)anthracene	<15
Acenaphthylene	<15	Benzo(g,h,i)perylene	<15
2,6-Dinitrotoluene	<15		

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	GL04W03	Client:	Ecology and Environment
Date Received:	10/11/10	Project:	10JS-10/11/10-0001
Date Extracted:	10/12/10	Lab ID:	010120-19 1/100
Date Analyzed:	10/15/10	Data File:	101516.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	78	30	118
Phenol-d6	72	30	118
Nitrobenzene-d5	72	10	180
2-Fluorobiphenyl	73	40	130
2,4,6-Tribromophenol	0 ds	16	116
Terphenyl-d14	81	30	144

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Phenol	<30	3-Nitroaniline	<90
Bis(2-chloroethyl) ether	<3	Acenaphthene	<3
2-Chlorophenol	<30	2,4-Dinitrophenol	<90
1,3-Dichlorobenzene	<3	Dibenzofuran	<3
1,4-Dichlorobenzene	<3	2,4-Dinitrotoluene	<3
1,2-Dichlorobenzene	<3	4-Nitrophenol	<30
Benzyl alcohol	<3	Diethyl phthalate	<3
Bis(2-chloroisopropyl) ether	<3	Fluorene	<3
2-Methylphenol	<30	4-Chlorophenyl phenyl ether	<3
Hexachloroethane	<3	N-Nitrosodiphenylamine	<3
N-Nitroso-di-n-propylamine	<3	4-Nitroaniline	<90
3-Methylphenol + 4-Methylphenol	<30	4,6-Dinitro-2-methylphenol	<90
Nitrobenzene	<3	4-Bromophenyl phenyl ether	<3
Isophorone	<3	Hexachlorobenzene	<3
2-Nitrophenol	<30	Pentachlorophenol	<30
2,4-Dimethylphenol	<30	Phenanthrene	6.0
Benzoic acid	<300	Anthracene	<3
Bis(2-chloroethoxy)methane	<3	Carbazole	<3
2,4-Dichlorophenol	<30	Di-n-butyl phthalate	<3
1,2,4-Trichlorobenzene	<3	Fluoranthene	18
Naphthalene	<3	Pyrene	30
Hexachlorobutadiene	<3	Benzyl butyl phthalate	<3
4-Chloroaniline	<300	Benz(a)anthracene	9.7
4-Chloro-3-methylphenol	<30	Chrysene	10
2-Methylnaphthalene	<3	Bis(2-ethylhexyl) phthalate	<30
Hexachlorocyclopentadiene	<9	Di-n-octyl phthalate	<3
2,4,6-Trichlorophenol	<30	Benzo(a)pyrene	8.1
2,4,5-Trichlorophenol	<30	Benzo(b)fluoranthene	14
2-Chloronaphthalene	<3	Benzo(k)fluoranthene	3.1
2-Nitroaniline	<3	Indeno(1,2,3-cd)pyrene	6.8
Dimethyl phthalate	<3	Dibenz(a,h)anthracene	<3
Acenaphthylene	<3	Benzo(g,h,i)perylene	6.5
2,6-Dinitrotoluene	<3		

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	GL05E01	Client:	Ecology and Environment
Date Received:	10/11/10	Project:	10JS-10/11/10-0001
Date Extracted:	10/12/10	Lab ID:	010120-20 1/100
Date Analyzed:	10/16/10	Data File:	101521.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	60	30	118
Phenol-d6	70	30	118
Nitrobenzene-d5	66	10	180
2-Fluorobiphenyl	59	40	130
2,4,6-Tribromophenol	0 ds	16	116
Terphenyl-d14	80	30	144

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Phenol	<30	3-Nitroaniline	<90
Bis(2-chloroethyl) ether	<3	Acenaphthene	<3
2-Chlorophenol	<30	2,4-Dinitrophenol	<90
1,3-Dichlorobenzene	<3	Dibenzofuran	<3
1,4-Dichlorobenzene	<3	2,4-Dinitrotoluene	<3
1,2-Dichlorobenzene	<3	4-Nitrophenol	<30
Benzyl alcohol	<3	Diethyl phthalate	<3
Bis(2-chloroisopropyl) ether	<3	Fluorene	<3
2-Methylphenol	<30	4-Chlorophenyl phenyl ether	<3
Hexachloroethane	<3	N-Nitrosodiphenylamine	<3
N-Nitroso-di-n-propylamine	<3	4-Nitroaniline	<90
3-Methylphenol + 4-Methylphenol	<30	4,6-Dinitro-2-methylphenol	<90
Nitrobenzene	<3	4-Bromophenyl phenyl ether	<3
Isophorone	<3	Hexachlorobenzene	<3
2-Nitrophenol	<30	Pentachlorophenol	<30
2,4-Dimethylphenol	<30	Phenanthrene	<3
Benzoic acid	<300	Anthracene	<3
Bis(2-chloroethoxy)methane	<3	Carbazole	<3
2,4-Dichlorophenol	<30	Di-n-butyl phthalate	<3
1,2,4-Trichlorobenzene	<3	Fluoranthene	4.7
Naphthalene	<3	Pyrene	7.7
Hexachlorobutadiene	<3	Benzyl butyl phthalate	<3
4-Chloroaniline	<300	Benz(a)anthracene	3.3
4-Chloro-3-methylphenol	<30	Chrysene	3.3
2-Methylnaphthalene	<3	Bis(2-ethylhexyl) phthalate	<30
Hexachlorocyclopentadiene	<9	Di-n-octyl phthalate	<3
2,4,6-Trichlorophenol	<30	Benzo(a)pyrene	<3
2,4,5-Trichlorophenol	<30	Benzo(b)fluoranthene	4.2
2-Chloronaphthalene	<3	Benzo(k)fluoranthene	<3
2-Nitroaniline	<3	Indeno(1,2,3-cd)pyrene	<3
Dimethyl phthalate	<3	Dibenz(a,h)anthracene	<3
Acenaphthylene	<3	Benzo(g,h,i)perylene	<3
2,6-Dinitrotoluene	<3		

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	GL05E02	Client:	Ecology and Environment
Date Received:	10/11/10	Project:	10JS-10/11/10-0001
Date Extracted:	10/12/10	Lab ID:	010120-21 1/100
Date Analyzed:	10/15/10	Data File:	101517.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	70	30	118
Phenol-d6	67	30	118
Nitrobenzene-d5	76	10	180
2-Fluorobiphenyl	62	40	130
2,4,6-Tribromophenol	55	16	116
Terphenyl-d14	78	30	144

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Phenol	<30	3-Nitroaniline	<90
Bis(2-chloroethyl) ether	<3	Acenaphthene	<3
2-Chlorophenol	<30	2,4-Dinitrophenol	<90
1,3-Dichlorobenzene	<3	Dibenzofuran	<3
1,4-Dichlorobenzene	<3	2,4-Dinitrotoluene	<3
1,2-Dichlorobenzene	<3	4-Nitrophenol	<30
Benzyl alcohol	<3	Diethyl phthalate	<3
Bis(2-chloroisopropyl) ether	<3	Fluorene	<3
2-Methylphenol	<30	4-Chlorophenyl phenyl ether	<3
Hexachloroethane	<3	N-Nitrosodiphenylamine	<3
N-Nitroso-di-n-propylamine	<3	4-Nitroaniline	<90
3-Methylphenol + 4-Methylphenol	<30	4,6-Dinitro-2-methylphenol	<90
Nitrobenzene	<3	4-Bromophenyl phenyl ether	<3
Isophorone	<3	Hexachlorobenzene	<3
2-Nitrophenol	<30	Pentachlorophenol	<30
2,4-Dimethylphenol	<30	Phenanthrene	6.9
Benzoic acid	<300	Anthracene	<3
Bis(2-chloroethoxy)methane	<3	Carbazole	<3
2,4-Dichlorophenol	<30	Di-n-butyl phthalate	<3
1,2,4-Trichlorobenzene	<3	Fluoranthene	19
Naphthalene	<3	Pyrene	34
Hexachlorobutadiene	<3	Benzyl butyl phthalate	<3
4-Chloroaniline	<300	Benz(a)anthracene	11
4-Chloro-3-methylphenol	<30	Chrysene	11
2-Methylnaphthalene	<3	Bis(2-ethylhexyl) phthalate	<30
Hexachlorocyclopentadiene	<9	Di-n-octyl phthalate	<3
2,4,6-Trichlorophenol	<30	Benzo(a)pyrene	9.6
2,4,5-Trichlorophenol	<30	Benzo(b)fluoranthene	13
2-Chloronaphthalene	<3	Benzo(k)fluoranthene	3.1
2-Nitroaniline	<3	Indeno(1,2,3-cd)pyrene	<3
Dimethyl phthalate	<3	Dibenz(a,h)anthracene	<3
Acenaphthylene	<3	Benzo(g,h,i)perylene	5.7
2,6-Dinitrotoluene	<3		

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	GL05E03	Client:	Ecology and Environment
Date Received:	10/11/10	Project:	10JS-10/11/10-0001
Date Extracted:	10/12/10	Lab ID:	010120-22 1/100
Date Analyzed:	10/15/10	Data File:	101515.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	29 ds	30	118
Phenol-d6	38	30	118
Nitrobenzene-d5	78	10	180
2-Fluorobiphenyl	69	40	130
2,4,6-Tribromophenol	0 ds	16	116
Terphenyl-d14	84	30	144

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Phenol	<30	3-Nitroaniline	<90
Bis(2-chloroethyl) ether	<3	Acenaphthene	<3
2-Chlorophenol	<30	2,4-Dinitrophenol	<90
1,3-Dichlorobenzene	<3	Dibenzofuran	<3
1,4-Dichlorobenzene	<3	2,4-Dinitrotoluene	<3
1,2-Dichlorobenzene	<3	4-Nitrophenol	<30
Benzyl alcohol	<3	Diethyl phthalate	<3
Bis(2-chloroisopropyl) ether	<3	Fluorene	<3
2-Methylphenol	<30	4-Chlorophenyl phenyl ether	<3
Hexachloroethane	<3	N-Nitrosodiphenylamine	<3
N-Nitroso-di-n-propylamine	<3	4-Nitroaniline	<90
3-Methylphenol + 4-Methylphenol	<30	4,6-Dinitro-2-methylphenol	<90
Nitrobenzene	<3	4-Bromophenyl phenyl ether	<3
Isophorone	<3	Hexachlorobenzene	<3
2-Nitrophenol	<30	Pentachlorophenol	<30
2,4-Dimethylphenol	<30	Phenanthrene	<3
Benzoic acid	<300	Anthracene	<3
Bis(2-chloroethoxy)methane	<3	Carbazole	<3
2,4-Dichlorophenol	<30	Di-n-butyl phthalate	<3
1,2,4-Trichlorobenzene	<3	Fluoranthene	6.0
Naphthalene	<3	Pyrene	9.0
Hexachlorobutadiene	<3	Benzyl butyl phthalate	<3
4-Chloroaniline	<300	Benz(a)anthracene	4.4
4-Chloro-3-methylphenol	<30	Chrysene	5.6
2-Methylnaphthalene	<3	Bis(2-ethylhexyl) phthalate	<30
Hexachlorocyclopentadiene	<9	Di-n-octyl phthalate	<3
2,4,6-Trichlorophenol	<30	Benzo(a)pyrene	5.0
2,4,5-Trichlorophenol	<30	Benzo(b)fluoranthene	8.3
2-Chloronaphthalene	<3	Benzo(k)fluoranthene	<3
2-Nitroaniline	<3	Indeno(1,2,3-cd)pyrene	5.4
Dimethyl phthalate	<3	Dibenz(a,h)anthracene	<3
Acenaphthylene	<3	Benzo(g,h,i)perylene	5.4
2,6-Dinitrotoluene	<3		

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	GL05W01	Client:	Ecology and Environment
Date Received:	10/11/10	Project:	10JS-10/11/10-0001
Date Extracted:	10/12/10	Lab ID:	010120-23 1/100
Date Analyzed:	10/15/10	Data File:	101518.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	59	30	118
Phenol-d6	66	30	118
Nitrobenzene-d5	79	10	180
2-Fluorobiphenyl	69	40	130
2,4,6-Tribromophenol	0 ds	16	116
Terphenyl-d14	90	30	144

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Phenol	<30	3-Nitroaniline	<90
Bis(2-chloroethyl) ether	<3	Acenaphthene	<3
2-Chlorophenol	<30	2,4-Dinitrophenol	<90
1,3-Dichlorobenzene	<3	Dibenzofuran	<3
1,4-Dichlorobenzene	<3	2,4-Dinitrotoluene	<3
1,2-Dichlorobenzene	<3	4-Nitrophenol	<30
Benzyl alcohol	<3	Diethyl phthalate	<3
Bis(2-chloroisopropyl) ether	<3	Fluorene	<3
2-Methylphenol	<30	4-Chlorophenyl phenyl ether	<3
Hexachloroethane	<3	N-Nitrosodiphenylamine	<3
N-Nitroso-di-n-propylamine	<3	4-Nitroaniline	<90
3-Methylphenol + 4-Methylphenol	<30	4,6-Dinitro-2-methylphenol	<90
Nitrobenzene	<3	4-Bromophenyl phenyl ether	<3
Isophorone	<3	Hexachlorobenzene	<3
2-Nitrophenol	<30	Pentachlorophenol	<30
2,4-Dimethylphenol	<30	Phenanthrene	17
Benzoic acid	<300	Anthracene	4.5
Bis(2-chloroethoxy)methane	<3	Carbazole	<3
2,4-Dichlorophenol	<30	Di-n-butyl phthalate	<3
1,2,4-Trichlorobenzene	<3	Fluoranthene	29
Naphthalene	4.3	Pyrene	50
Hexachlorobutadiene	<3	Benzyl butyl phthalate	<3
4-Chloroaniline	<300	Benz(a)anthracene	16
4-Chloro-3-methylphenol	<30	Chrysene	16
2-Methylnaphthalene	<3	Bis(2-ethylhexyl) phthalate	<30
Hexachlorocyclopentadiene	<9	Di-n-octyl phthalate	<3
2,4,6-Trichlorophenol	<30	Benzo(a)pyrene	14
2,4,5-Trichlorophenol	<30	Benzo(b)fluoranthene	21
2-Chloronaphthalene	<3	Benzo(k)fluoranthene	5.7
2-Nitroaniline	<3	Indeno(1,2,3-cd)pyrene	11
Dimethyl phthalate	<3	Dibenz(a,h)anthracene	<3
Acenaphthylene	<3	Benzo(g,h,i)perylene	11
2,6-Dinitrotoluene	<3		

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	GL05W02	Client:	Ecology and Environment
Date Received:	10/11/10	Project:	10JS-10/11/10-0001
Date Extracted:	10/12/10	Lab ID:	010120-24 1/100
Date Analyzed:	10/16/10	Data File:	101522.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	56	30	118
Phenol-d6	58	30	118
Nitrobenzene-d5	74	10	180
2-Fluorobiphenyl	68	40	130
2,4,6-Tribromophenol	0 ds	16	116
Terphenyl-d14	81	30	144

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Phenol	<30	3-Nitroaniline	<90
Bis(2-chloroethyl) ether	<3	Acenaphthene	<3
2-Chlorophenol	<30	2,4-Dinitrophenol	<90
1,3-Dichlorobenzene	<3	Dibenzofuran	<3
1,4-Dichlorobenzene	<3	2,4-Dinitrotoluene	<3
1,2-Dichlorobenzene	<3	4-Nitrophenol	<30
Benzyl alcohol	<3	Diethyl phthalate	<3
Bis(2-chloroisopropyl) ether	<3	Fluorene	<3
2-Methylphenol	<30	4-Chlorophenyl phenyl ether	<3
Hexachloroethane	<3	N-Nitrosodiphenylamine	<3
N-Nitroso-di-n-propylamine	<3	4-Nitroaniline	<90
3-Methylphenol + 4-Methylphenol	<30	4,6-Dinitro-2-methylphenol	<90
Nitrobenzene	<3	4-Bromophenyl phenyl ether	<3
Isophorone	<3	Hexachlorobenzene	<3
2-Nitrophenol	<30	Pentachlorophenol	<30
2,4-Dimethylphenol	<30	Phenanthrene	4.2
Benzoic acid	<300	Anthracene	<3
Bis(2-chloroethoxy)methane	<3	Carbazole	<3
2,4-Dichlorophenol	<30	Di-n-butyl phthalate	<3
1,2,4-Trichlorobenzene	<3	Fluoranthene	9.8
Naphthalene	<3	Pyrene	16
Hexachlorobutadiene	<3	Benzyl butyl phthalate	<3
4-Chloroaniline	<300	Benz(a)anthracene	6.7
4-Chloro-3-methylphenol	<30	Chrysene	6.8
2-Methylnaphthalene	<3	Bis(2-ethylhexyl) phthalate	<30
Hexachlorocyclopentadiene	<9	Di-n-octyl phthalate	<3
2,4,6-Trichlorophenol	<30	Benzo(a)pyrene	6.0
2,4,5-Trichlorophenol	<30	Benzo(b)fluoranthene	9.9
2-Chloronaphthalene	<3	Benzo(k)fluoranthene	<3
2-Nitroaniline	<3	Indeno(1,2,3-cd)pyrene	5.3
Dimethyl phthalate	<3	Dibenz(a,h)anthracene	<3
Acenaphthylene	<3	Benzo(g,h,i)perylene	5.1
2,6-Dinitrotoluene	<3		

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	GL05W03	Client:	Ecology and Environment
Date Received:	10/11/10	Project:	10JS-10/11/10-0001
Date Extracted:	10/12/10	Lab ID:	010120-25 1/500
Date Analyzed:	10/16/10	Data File:	101523.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	0 ds	30	118
Phenol-d6	35	30	118
Nitrobenzene-d5	75	10	180
2-Fluorobiphenyl	0 ds	40	130
2,4,6-Tribromophenol	0 ds	16	116
Terphenyl-d14	80	30	144

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Phenol	<150	3-Nitroaniline	<450
Bis(2-chloroethyl) ether	<15	Acenaphthene	<15
2-Chlorophenol	<150	2,4-Dinitrophenol	<450
1,3-Dichlorobenzene	<15	Dibenzofuran	<15
1,4-Dichlorobenzene	<15	2,4-Dinitrotoluene	<15
1,2-Dichlorobenzene	<15	4-Nitrophenol	<150
Benzyl alcohol	<15	Diethyl phthalate	<15
Bis(2-chloroisopropyl) ether	<15	Fluorene	<15
2-Methylphenol	<150	4-Chlorophenyl phenyl ether	<15
Hexachloroethane	<15	N-Nitrosodiphenylamine	<15
N-Nitroso-di-n-propylamine	<15	4-Nitroaniline	<450
3-Methylphenol + 4-Methylphenol	<150	4,6-Dinitro-2-methylphenol	<450
Nitrobenzene	<15	4-Bromophenyl phenyl ether	<15
Isophorone	<15	Hexachlorobenzene	<15
2-Nitrophenol	<150	Pentachlorophenol	<150
2,4-Dimethylphenol	<150	Phenanthrene	<15
Benzoic acid	<1,500	Anthracene	<15
Bis(2-chloroethoxy)methane	<15	Carbazole	<15
2,4-Dichlorophenol	<150	Di-n-butyl phthalate	<15
1,2,4-Trichlorobenzene	<15	Fluoranthene	35
Naphthalene	<15	Pyrene	51
Hexachlorobutadiene	<15	Benzyl butyl phthalate	<15
4-Chloroaniline	<1,500	Benz(a)anthracene	19
4-Chloro-3-methylphenol	<150	Chrysene	20
2-Methylnaphthalene	<15	Bis(2-ethylhexyl) phthalate	<150
Hexachlorocyclopentadiene	<45	Di-n-octyl phthalate	<15
2,4,6-Trichlorophenol	<150	Benzo(a)pyrene	17
2,4,5-Trichlorophenol	<150	Benzo(b)fluoranthene	25
2-Chloronaphthalene	<15	Benzo(k)fluoranthene	<15
2-Nitroaniline	<15	Indeno(1,2,3-cd)pyrene	<15
Dimethyl phthalate	<15	Dibenz(a,h)anthracene	<15
Acenaphthylene	<15	Benzo(g,h,i)perylene	<15
2,6-Dinitrotoluene	<15		

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	GL06E01	Client:	Ecology and Environment
Date Received:	10/11/10	Project:	10JS-10/11/10-0001
Date Extracted:	10/12/10	Lab ID:	010120-26 1/500
Date Analyzed:	10/16/10	Data File:	101524.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	35	30	118
Phenol-d6	45	30	118
Nitrobenzene-d5	65	10	180
2-Fluorobiphenyl	50	40	130
2,4,6-Tribromophenol	0 ds	16	116
Terphenyl-d14	80	30	144

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Phenol	<150	3-Nitroaniline	<450
Bis(2-chloroethyl) ether	<15	Acenaphthene	<15
2-Chlorophenol	<150	2,4-Dinitrophenol	<450
1,3-Dichlorobenzene	<15	Dibenzofuran	<15
1,4-Dichlorobenzene	<15	2,4-Dinitrotoluene	<15
1,2-Dichlorobenzene	<15	4-Nitrophenol	<150
Benzyl alcohol	<15	Diethyl phthalate	<15
Bis(2-chloroisopropyl) ether	<15	Fluorene	<15
2-Methylphenol	<150	4-Chlorophenyl phenyl ether	<15
Hexachloroethane	<15	N-Nitrosodiphenylamine	<15
N-Nitroso-di-n-propylamine	<15	4-Nitroaniline	<450
3-Methylphenol + 4-Methylphenol	<150	4,6-Dinitro-2-methylphenol	<450
Nitrobenzene	<15	4-Bromophenyl phenyl ether	<15
Isophorone	<15	Hexachlorobenzene	<15
2-Nitrophenol	<150	Pentachlorophenol	<150
2,4-Dimethylphenol	<150	Phenanthrene	<15
Benzoic acid	<1,500	Anthracene	<15
Bis(2-chloroethoxy)methane	<15	Carbazole	<15
2,4-Dichlorophenol	<150	Di-n-butyl phthalate	<15
1,2,4-Trichlorobenzene	<15	Fluoranthene	<15
Naphthalene	<15	Pyrene	<15
Hexachlorobutadiene	<15	Benzyl butyl phthalate	<15
4-Chloroaniline	<1,500	Benz(a)anthracene	<15
4-Chloro-3-methylphenol	<150	Chrysene	<15
2-Methylnaphthalene	<15	Bis(2-ethylhexyl) phthalate	<150
Hexachlorocyclopentadiene	<45	Di-n-octyl phthalate	<15
2,4,6-Trichlorophenol	<150	Benzo(a)pyrene	<15
2,4,5-Trichlorophenol	<150	Benzo(b)fluoranthene	<15
2-Chloronaphthalene	<15	Benzo(k)fluoranthene	<15
2-Nitroaniline	<15	Indeno(1,2,3-cd)pyrene	<15
Dimethyl phthalate	<15	Dibenz(a,h)anthracene	<15
Acenaphthylene	<15	Benzo(g,h,i)perylene	<15
2,6-Dinitrotoluene	<15		

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	GL06E02	Client:	Ecology and Environment
Date Received:	10/11/10	Project:	10JS-10/11/10-0001
Date Extracted:	10/12/10	Lab ID:	010120-27 1/100
Date Analyzed:	10/15/10	Data File:	101519.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	68	30	118
Phenol-d6	66	30	118
Nitrobenzene-d5	76	10	180
2-Fluorobiphenyl	71	40	130
2,4,6-Tribromophenol	0 ds	16	116
Terphenyl-d14	81	30	144

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Phenol	<30	3-Nitroaniline	<90
Bis(2-chloroethyl) ether	<3	Acenaphthene	<3
2-Chlorophenol	<30	2,4-Dinitrophenol	<90
1,3-Dichlorobenzene	<3	Dibenzofuran	<3
1,4-Dichlorobenzene	<3	2,4-Dinitrotoluene	<3
1,2-Dichlorobenzene	<3	4-Nitrophenol	<30
Benzyl alcohol	<3	Diethyl phthalate	<3
Bis(2-chloroisopropyl) ether	<3	Fluorene	<3
2-Methylphenol	<30	4-Chlorophenyl phenyl ether	<3
Hexachloroethane	<3	N-Nitrosodiphenylamine	<3
N-Nitroso-di-n-propylamine	<3	4-Nitroaniline	<90
3-Methylphenol + 4-Methylphenol	<30	4,6-Dinitro-2-methylphenol	<90
Nitrobenzene	<3	4-Bromophenyl phenyl ether	<3
Isophorone	<3	Hexachlorobenzene	<3
2-Nitrophenol	<30	Pentachlorophenol	<30
2,4-Dimethylphenol	<30	Phenanthrene	7.6
Benzoic acid	<300	Anthracene	<3
Bis(2-chloroethoxy)methane	<3	Carbazole	<3
2,4-Dichlorophenol	<30	Di-n-butyl phthalate	<3
1,2,4-Trichlorobenzene	<3	Fluoranthene	12
Naphthalene	<3	Pyrene	20
Hexachlorobutadiene	<3	Benzyl butyl phthalate	<3
4-Chloroaniline	<300	Benz(a)anthracene	7.6
4-Chloro-3-methylphenol	<30	Chrysene	7.8
2-Methylnaphthalene	<3	Bis(2-ethylhexyl) phthalate	<30
Hexachlorocyclopentadiene	<9	Di-n-octyl phthalate	<3
2,4,6-Trichlorophenol	<30	Benzo(a)pyrene	7.1
2,4,5-Trichlorophenol	<30	Benzo(b)fluoranthene	11
2-Chloronaphthalene	<3	Benzo(k)fluoranthene	<3
2-Nitroaniline	<3	Indeno(1,2,3-cd)pyrene	5.5
Dimethyl phthalate	<3	Dibenz(a,h)anthracene	<3
Acenaphthylene	<3	Benzo(g,h,i)perylene	5.3
2,6-Dinitrotoluene	<3		

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	GL06E03	Client:	Ecology and Environment
Date Received:	10/11/10	Project:	10JS-10/11/10-0001
Date Extracted:	10/12/10	Lab ID:	010120-28 1/100
Date Analyzed:	10/15/10	Data File:	101508.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	48	30	118
Phenol-d6	47	30	118
Nitrobenzene-d5	72	10	180
2-Fluorobiphenyl	67	40	130
2,4,6-Tribromophenol	0 ds	16	116
Terphenyl-d14	79	30	144

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Phenol	<30	3-Nitroaniline	<90
Bis(2-chloroethyl) ether	<3	Acenaphthene	<3
2-Chlorophenol	<30	2,4-Dinitrophenol	<90
1,3-Dichlorobenzene	<3	Dibenzofuran	<3
1,4-Dichlorobenzene	<3	2,4-Dinitrotoluene	<3
1,2-Dichlorobenzene	<3	4-Nitrophenol	<30
Benzyl alcohol	<3	Diethyl phthalate	<3
Bis(2-chloroisopropyl) ether	<3	Fluorene	<3
2-Methylphenol	<30	4-Chlorophenyl phenyl ether	<3
Hexachloroethane	<3	N-Nitrosodiphenylamine	<3
N-Nitroso-di-n-propylamine	<3	4-Nitroaniline	<90
3-Methylphenol + 4-Methylphenol	<30	4,6-Dinitro-2-methylphenol	<90
Nitrobenzene	<3	4-Bromophenyl phenyl ether	<3
Isophorone	<3	Hexachlorobenzene	<3
2-Nitrophenol	<30	Pentachlorophenol	<30
2,4-Dimethylphenol	<30	Phenanthrene	<3
Benzoic acid	<300	Anthracene	<3
Bis(2-chloroethoxy)methane	<3	Carbazole	<3
2,4-Dichlorophenol	<30	Di-n-butyl phthalate	<3
1,2,4-Trichlorobenzene	<3	Fluoranthene	3.6
Naphthalene	<3	Pyrene	6.1
Hexachlorobutadiene	<3	Benzyl butyl phthalate	<3
4-Chloroaniline	<300	Benz(a)anthracene	<3
4-Chloro-3-methylphenol	<30	Chrysene	3.6
2-Methylnaphthalene	<3	Bis(2-ethylhexyl) phthalate	<30
Hexachlorocyclopentadiene	<9	Di-n-octyl phthalate	<3
2,4,6-Trichlorophenol	<30	Benzo(a)pyrene	3.1
2,4,5-Trichlorophenol	<30	Benzo(b)fluoranthene	4.6
2-Chloronaphthalene	<3	Benzo(k)fluoranthene	<3
2-Nitroaniline	<3	Indeno(1,2,3-cd)pyrene	<3
Dimethyl phthalate	<3	Dibenz(a,h)anthracene	<3
Acenaphthylene	<3	Benzo(g,h,i)perylene	<3
2,6-Dinitrotoluene	<3		

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	GL06W01	Client:	Ecology and Environment
Date Received:	10/11/10	Project:	10JS-10/11/10-0001
Date Extracted:	10/12/10	Lab ID:	010120-29 1/100
Date Analyzed:	10/15/10	Data File:	101509.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	50	30	118
Phenol-d6	55	30	118
Nitrobenzene-d5	77	10	180
2-Fluorobiphenyl	75	40	130
2,4,6-Tribromophenol	0 ds	16	116
Terphenyl-d14	80	30	144

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Phenol	<30	3-Nitroaniline	<90
Bis(2-chloroethyl) ether	<3	Acenaphthene	<3
2-Chlorophenol	<30	2,4-Dinitrophenol	<90
1,3-Dichlorobenzene	<3	Dibenzofuran	<3
1,4-Dichlorobenzene	<3	2,4-Dinitrotoluene	<3
1,2-Dichlorobenzene	<3	4-Nitrophenol	<30
Benzyl alcohol	<3	Diethyl phthalate	<3
Bis(2-chloroisopropyl) ether	<3	Fluorene	<3
2-Methylphenol	<30	4-Chlorophenyl phenyl ether	<3
Hexachloroethane	<3	N-Nitrosodiphenylamine	<3
N-Nitroso-di-n-propylamine	<3	4-Nitroaniline	<90
3-Methylphenol + 4-Methylphenol	<30	4,6-Dinitro-2-methylphenol	<90
Nitrobenzene	<3	4-Bromophenyl phenyl ether	<3
Isophorone	<3	Hexachlorobenzene	<3
2-Nitrophenol	<30	Pentachlorophenol	<30
2,4-Dimethylphenol	<30	Phenanthrene	<3
Benzoic acid	<300	Anthracene	<3
Bis(2-chloroethoxy)methane	<3	Carbazole	<3
2,4-Dichlorophenol	<30	Di-n-butyl phthalate	<3
1,2,4-Trichlorobenzene	<3	Fluoranthene	4.5
Naphthalene	<3	Pyrene	7.7
Hexachlorobutadiene	<3	Benzyl butyl phthalate	<3
4-Chloroaniline	<300	Benz(a)anthracene	3.5
4-Chloro-3-methylphenol	<30	Chrysene	3.3
2-Methylnaphthalene	<3	Bis(2-ethylhexyl) phthalate	<30
Hexachlorocyclopentadiene	<9	Di-n-octyl phthalate	<3
2,4,6-Trichlorophenol	<30	Benzo(a)pyrene	3.2
2,4,5-Trichlorophenol	<30	Benzo(b)fluoranthene	5.1
2-Chloronaphthalene	<3	Benzo(k)fluoranthene	<3
2-Nitroaniline	<3	Indeno(1,2,3-cd)pyrene	<3
Dimethyl phthalate	<3	Dibenz(a,h)anthracene	<3
Acenaphthylene	<3	Benzo(g,h,i)perylene	<3
2,6-Dinitrotoluene	<3		

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	GL06W02	Client:	Ecology and Environment
Date Received:	10/11/10	Project:	10JS-10/11/10-0001
Date Extracted:	10/12/10	Lab ID:	010120-30 1/500
Date Analyzed:	10/16/10	Data File:	101525.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	0 ds	30	118
Phenol-d6	0 ds	30	118
Nitrobenzene-d5	60	10	180
2-Fluorobiphenyl	40	40	130
2,4,6-Tribromophenol	0 ds	16	116
Terphenyl-d14	65	30	144

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Phenol	<150	3-Nitroaniline	<450
Bis(2-chloroethyl) ether	<15	Acenaphthene	<15
2-Chlorophenol	<150	2,4-Dinitrophenol	<450
1,3-Dichlorobenzene	<15	Dibenzofuran	<15
1,4-Dichlorobenzene	<15	2,4-Dinitrotoluene	<15
1,2-Dichlorobenzene	<15	4-Nitrophenol	<150
Benzyl alcohol	<15	Diethyl phthalate	<15
Bis(2-chloroisopropyl) ether	<15	Fluorene	<15
2-Methylphenol	<150	4-Chlorophenyl phenyl ether	<15
Hexachloroethane	<15	N-Nitrosodiphenylamine	<15
N-Nitroso-di-n-propylamine	<15	4-Nitroaniline	<450
3-Methylphenol + 4-Methylphenol	<150	4,6-Dinitro-2-methylphenol	<450
Nitrobenzene	<15	4-Bromophenyl phenyl ether	<15
Isophorone	<15	Hexachlorobenzene	<15
2-Nitrophenol	<150	Pentachlorophenol	<150
2,4-Dimethylphenol	<150	Phenanthrene	<15
Benzoic acid	<1,500	Anthracene	<15
Bis(2-chloroethoxy)methane	<15	Carbazole	<15
2,4-Dichlorophenol	<150	Di-n-butyl phthalate	<15
1,2,4-Trichlorobenzene	<15	Fluoranthene	16
Naphthalene	<15	Pyrene	28
Hexachlorobutadiene	<15	Benzyl butyl phthalate	<15
4-Chloroaniline	<1,500	Benz(a)anthracene	<15
4-Chloro-3-methylphenol	<150	Chrysene	<15
2-Methylnaphthalene	<15	Bis(2-ethylhexyl) phthalate	<150
Hexachlorocyclopentadiene	<45	Di-n-octyl phthalate	<15
2,4,6-Trichlorophenol	<150	Benzo(a)pyrene	<15
2,4,5-Trichlorophenol	<150	Benzo(b)fluoranthene	15
2-Chloronaphthalene	<15	Benzo(k)fluoranthene	<15
2-Nitroaniline	<15	Indeno(1,2,3-cd)pyrene	<15
Dimethyl phthalate	<15	Dibenz(a,h)anthracene	<15
Acenaphthylene	<15	Benzo(g,h,i)perylene	<15
2,6-Dinitrotoluene	<15		

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	GL06W03	Client:	Ecology and Environment
Date Received:	10/11/10	Project:	10JS-10/11/10-0001
Date Extracted:	10/12/10	Lab ID:	010120-31 1/500
Date Analyzed:	10/16/10	Data File:	101526.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	0 ds	30	118
Phenol-d6	0 ds	30	118
Nitrobenzene-d5	65	10	180
2-Fluorobiphenyl	45	40	130
2,4,6-Tribromophenol	0 ds	16	116
Terphenyl-d14	90	30	144

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Phenol	<150	3-Nitroaniline	<450
Bis(2-chloroethyl) ether	<15	Acenaphthene	<15
2-Chlorophenol	<150	2,4-Dinitrophenol	<450
1,3-Dichlorobenzene	<15	Dibenzofuran	<15
1,4-Dichlorobenzene	<15	2,4-Dinitrotoluene	<15
1,2-Dichlorobenzene	<15	4-Nitrophenol	<150
Benzyl alcohol	<15	Diethyl phthalate	<15
Bis(2-chloroisopropyl) ether	<15	Fluorene	<15
2-Methylphenol	<150	4-Chlorophenyl phenyl ether	<15
Hexachloroethane	<15	N-Nitrosodiphenylamine	<15
N-Nitroso-di-n-propylamine	<15	4-Nitroaniline	<450
3-Methylphenol + 4-Methylphenol	<150	4,6-Dinitro-2-methylphenol	<450
Nitrobenzene	<15	4-Bromophenyl phenyl ether	<15
Isophorone	<15	Hexachlorobenzene	<15
2-Nitrophenol	<150	Pentachlorophenol	<150
2,4-Dimethylphenol	<150	Phenanthrene	36
Benzoic acid	<1,500	Anthracene	<15
Bis(2-chloroethoxy)methane	<15	Carbazole	<15
2,4-Dichlorophenol	<150	Di-n-butyl phthalate	<15
1,2,4-Trichlorobenzene	<15	Fluoranthene	110
Naphthalene	<15	Pyrene	160
Hexachlorobutadiene	<15	Benzyl butyl phthalate	<15
4-Chloroaniline	<1,500	Benz(a)anthracene	69
4-Chloro-3-methylphenol	<150	Chrysene	80
2-Methylnaphthalene	<15	Bis(2-ethylhexyl) phthalate	<150
Hexachlorocyclopentadiene	<45	Di-n-octyl phthalate	<15
2,4,6-Trichlorophenol	<150	Benzo(a)pyrene	76
2,4,5-Trichlorophenol	<150	Benzo(b)fluoranthene	110
2-Chloronaphthalene	<15	Benzo(k)fluoranthene	32
2-Nitroaniline	<15	Indeno(1,2,3-cd)pyrene	72
Dimethyl phthalate	<15	Dibenz(a,h)anthracene	<15
Acenaphthylene	<15	Benzo(g,h,i)perylene	60
2,6-Dinitrotoluene	<15		

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	Method Blank	Client:	Ecology and Environment
Date Received:	Not Applicable	Project:	10JS-10/11/10-0001
Date Extracted:	10/12/10	Lab ID:	00-1636 mb
Date Analyzed:	10/15/10	Data File:	101505.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	91	30	118
Phenol-d6	87	30	118
Nitrobenzene-d5	93	10	180
2-Fluorobiphenyl	91	40	130
2,4,6-Tribromophenol	85	16	116
Terphenyl-d14	116	30	144

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Phenol	<0.3	3-Nitroaniline	<0.9
Bis(2-chloroethyl) ether	<0.03	Acenaphthene	<0.03
2-Chlorophenol	<0.3	2,4-Dinitrophenol	<0.9
1,3-Dichlorobenzene	<0.03	Dibenzofuran	<0.03
1,4-Dichlorobenzene	<0.03	2,4-Dinitrotoluene	<0.03
1,2-Dichlorobenzene	<0.03	4-Nitrophenol	<0.3
Benzyl alcohol	<0.03	Diethyl phthalate	<0.03
Bis(2-chloroisopropyl) ether	<0.03	Fluorene	<0.03
2-Methylphenol	<0.3	4-Chlorophenyl phenyl ether	<0.03
Hexachloroethane	<0.03	N-Nitrosodiphenylamine	<0.03
N-Nitroso-di-n-propylamine	<0.03	4-Nitroaniline	<0.9
3-Methylphenol + 4-Methylphenol	<0.3	4,6-Dinitro-2-methylphenol	<0.9
Nitrobenzene	<0.03	4-Bromophenyl phenyl ether	<0.03
Isophorone	<0.03	Hexachlorobenzene	<0.03
2-Nitrophenol	<0.3	Pentachlorophenol	<0.3
2,4-Dimethylphenol	<0.3	Phenanthrene	<0.03
Benzoic acid	<3	Anthracene	<0.03
Bis(2-chloroethoxy)methane	<0.03	Carbazole	<0.03
2,4-Dichlorophenol	<0.3	Di-n-butyl phthalate	<0.03
1,2,4-Trichlorobenzene	<0.03	Fluoranthene	<0.03
Naphthalene	<0.03	Pyrene	<0.03
Hexachlorobutadiene	<0.03	Benzyl butyl phthalate	<0.03
4-Chloroaniline	<3	Benz(a)anthracene	<0.03
4-Chloro-3-methylphenol	<0.3	Chrysene	<0.03
2-Methylnaphthalene	<0.03	Bis(2-ethylhexyl) phthalate	<0.3
Hexachlorocyclopentadiene	<0.09	Di-n-octyl phthalate	<0.03
2,4,6-Trichlorophenol	<0.3	Benzo(a)pyrene	<0.03
2,4,5-Trichlorophenol	<0.3	Benzo(b)fluoranthene	<0.03
2-Chloronaphthalene	<0.03	Benzo(k)fluoranthene	<0.03
2-Nitroaniline	<0.03	Indeno(1,2,3-cd)pyrene	<0.03
Dimethyl phthalate	<0.03	Dibenz(a,h)anthracene	<0.03
Acenaphthylene	<0.03	Benzo(g,h,i)perylene	<0.03
2,6-Dinitrotoluene	<0.03		

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	Method Blank	Client:	Ecology and Environment
Date Received:	Not Applicable	Project:	10JS-10/11/10-0001
Date Extracted:	10/12/10	Lab ID:	00-1645 mb
Date Analyzed:	10/14/10	Data File:	101405.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	102	30	118
Phenol-d6	97	30	118
Nitrobenzene-d5	105	10	180
2-Fluorobiphenyl	109	40	130
2,4,6-Tribromophenol	91	16	116
Terphenyl-d14	148 vo	30	144

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Phenol	<0.3	3-Nitroaniline	<0.9
Bis(2-chloroethyl) ether	<0.03	Acenaphthene	<0.03
2-Chlorophenol	<0.3	2,4-Dinitrophenol	<0.9
1,3-Dichlorobenzene	<0.03	Dibenzofuran	<0.03
1,4-Dichlorobenzene	<0.03	2,4-Dinitrotoluene	<0.03
1,2-Dichlorobenzene	<0.03	4-Nitrophenol	<0.3
Benzyl alcohol	<0.03	Diethyl phthalate	<0.03
Bis(2-chloroisopropyl) ether	<0.03	Fluorene	<0.03
2-Methylphenol	<0.3	4-Chlorophenyl phenyl ether	<0.03
Hexachloroethane	<0.03	N-Nitrosodiphenylamine	<0.03
N-Nitroso-di-n-propylamine	<0.03	4-Nitroaniline	<0.9
3-Methylphenol + 4-Methylphenol	<0.3	4,6-Dinitro-2-methylphenol	<0.9
Nitrobenzene	<0.03	4-Bromophenyl phenyl ether	<0.03
Isophorone	<0.03	Hexachlorobenzene	<0.03
2-Nitrophenol	<0.3	Pentachlorophenol	<0.3
2,4-Dimethylphenol	<0.3	Phenanthrene	<0.03
Benzoic acid	<3	Anthracene	<0.03
Bis(2-chloroethoxy)methane	<0.03	Carbazole	<0.03
2,4-Dichlorophenol	<0.3	Di-n-butyl phthalate	<0.03
1,2,4-Trichlorobenzene	<0.03	Fluoranthene	<0.03
Naphthalene	<0.03	Pyrene	<0.03
Hexachlorobutadiene	<0.03	Benzyl butyl phthalate	<0.03
4-Chloroaniline	<3	Benz(a)anthracene	<0.03
4-Chloro-3-methylphenol	<0.3	Chrysene	<0.03
2-Methylnaphthalene	<0.03	Bis(2-ethylhexyl) phthalate	<0.3
Hexachlorocyclopentadiene	<0.09	Di-n-octyl phthalate	<0.03
2,4,6-Trichlorophenol	<0.3	Benzo(a)pyrene	<0.03
2,4,5-Trichlorophenol	<0.3	Benzo(b)fluoranthene	<0.03
2-Chloronaphthalene	<0.03	Benzo(k)fluoranthene	<0.03
2-Nitroaniline	<0.03	Indeno(1,2,3-cd)pyrene	<0.03
Dimethyl phthalate	<0.03	Dibenz(a,h)anthracene	<0.03
Acenaphthylene	<0.03	Benzo(g,h,i)perylene	<0.03
2,6-Dinitrotoluene	<0.03		