Table 1.1 Results of the Analysis for BNA in Soil
WA # 0-201 Ringwood Biological Sampling
(Results are Based on Dry Weight)

Method: REAC SOP 1805

Sample No.	SBLK100506		0-0201-0001		0-0201-0002		0-0201-0003		0-0201-0004	
Location	-		1-1-4		1-1-9		1-2-4		1-3-5	
% Solid	100		55		77		52		62	
Analyte	Result µg/kg	RL µg/kg	Result µg/kg	RL µg/kg	Result µg/kg	RL µg/kg	Result µg/kg	RL µg/kg	Result µg/kg	RL µg/kg
Phenol	U	333	U	606	U	433	U	641	U	538
Bis(2-chloroethyl)ether	U	333	U	606	U	433	U	641	U	538
2-Chlorophenol	U	333	U	606	U	433	U	641	U	538
1,3-Dichlorobenzene	U	333	U	606	U	433	U	641	U	538
1,4-Dichlorobenzene	U	333	U	606	U	433	U	641	U	538
Benzyl Alcohol	U	333	U	606	U	433	U	641	U	538
1,2-Dichlorobenzene	U	333	U	606	U	433	U	641	U	538
2-Methylphenol	U	333	U	606	U	433	U	641	U	538
Bis(2-chloroisopropyl)ethe	U	333	U	606	U	433	U	641	U	538
4-Methylphenol	U	333	U	606	U	433	U	641	U	538
N-Nitroso-di-n-propylamine	U	333	U	606	U	433	U	641	U	538
Hexachloroethane	U	333	U	606	U	433	U	641	U	538
Nitrobenzene	U	333	U	606	U	433	U	641	U	538
Isophorone	U	333	U	606	U	433	U	641	U	538
2-Nitrophenol	U	333	U	606	U	433	U	641	U	538
2,4-Dimethylphenol	U	333	U	606	U	433	U	641	U	538
Bis(2-chloroethoxy)methane	U	333	U	606	U	433	U	641	U	538
2,4-Dichlorophenol	U	333	U	606	U	433	U	641	U	538
1,2,4-Trichlorobenzene	U	333	U	606	U	433	U	641	U	538
Naphthalene	U	333	U	606	U	433	U	641	U	538
4-Chloroananiline	U	333	U	606	U	433	U	641	U	538
Hexachlorobutadiene	U	333	U	606	U	433	U	641	U	538
4-Chloro-3-methylphenol	U	333	U	606	U	433	U	641	U	538
2-Methylnaphthalene	U	333	U	606	U	433	U	641	U	538
Hexachlorocyclopentadiene	U	333	U	606	U	433	U	641	U	538
2,4,6-Trichlorophenol	U	333	U	606	U	433	U	641	U	538
2,4,5-Trichlorophenol	U	333	U	606	U	433	U	641	U	538
2-Chloronaphthalene	U	333	U	606	U	433	U	641	U	538
2-Nitroaniline	U	333	U	606	U	433	U	641	U	538
Dimethylphthalate	U	333	U	606	U	433	U	641	U	538
2,6-Dinitrotoluene	U	333	U	606	U	433	U	641	U	538
Acenaphthylene	U	333	U	606	U	433	U	641	U	538
3-Nitroaniline	U	333	U	606	U	433	U	641	U	538
Acenaphthene	U	333	U	606	U	433	U	641	U	538
2,4-Dinitrophenol	U	333	U	606	U	433	U	641	U	538
4-Nitrophenol	U	333	U	606	U	433	U	641	U	538
Dibenzofuran	U	333	U	606	U	433	U	641	U	538
2,4-Dinitrotoluene	U	333	U	606	U	433	U	641	U	538
Diethylphthalate	U	333	U	606	U	433	U	641	U	538
4-Chlorophenyl-phenylether	U	333	U	606	U	433	U	641	U	538
Fluorene	U	333	U	606	U	433	U	641	U	538
4-Nitroaniline	U	333	U	606	U	433	U	641	U	538
4,6-Dinitro-2-methylphenol	U	333	U	606	U	433	U	641	U	538
N-Nitrosodiphenylamine	U	333	U	606	U	433	U	641	U	538
4-Bromophenyl-phenylether	U	333	U	606	U	433	U	641	U	538
Hexachlorobenzene	U	333	U	606	U	433	U	641	U	538
Pentachlorophenol	U	333	U	606	U	433	U	641	U	538
Phenanthrene	U	333	U	606	U	433	U	641	U	538
Anthracene	U	333	U	606	U	433	U	641	U	538
Carbazole	U	333	U	606	U	433	U	641	U	538
Di-n-butylphthalate	U	333	U	606	U	433	U	641	U	538
Fluoranthene	U	333	U	606	225 J	433	U	641	U	538
Pyrene	U	333	U	606	166 J	433	U	641	U	538
Butylbenzyphthalate	U	333	U	606	U	433	U	641	U	538
Benzo(a)anthracene	U	333	U	606	U	433	U	641	U	538
3,3'-Dichlorobenzidine	U	333	U	606	U	433	U	641	U	538
Chrysene	U	333	U	606	163 J	433	U	641	U	538
Bis(2-ethylhexyl)phthalate	U	333	U	606	U	433	U	641	U	538
Di-n-octylphthalate	U	333	U	606	U	433	U	641	U	538
Benzo(b)fluoranthene	U	333	U	606	158 J	433	U	641	U	538
Benzo(k)fluoranthene	U	333	U	606	U	433	U	641	U	538
Benzo(a)pyrene	U	333	U	606	U	433	U	641	U	538
Indeno(1,2,3-cd)pyrene	U	333	U	606	U	433	U	641	U	538
Dibenzo(a,h)anthracene	U	333	U	606	U	433	U	641	U	538
Benzo(g,h,i)perylene	U	333	U	606	U	433	U	641	U	538

Table 1.1 (cont) Results of the Analysis for BNA in Soil
WA # 0-201 Ringwood Biological Sampling
(Results are Based on Dry Weight)

Method: REAC SOP 1805

Sample No.	0-0201-0005		0-0201-0006		0-0201-0007		0-0201-0008		0-0201-0009	
Location	1-4-2		1-4-2D		2-1-3		2-2-3		2-2-15	
% Solid	60		60		94		89		81	
Analyte	Result µg/kg	RL µg/kg	Result µg/kg	RL µg/kg	Result µg/kg	RL µg/kg	Result µg/kg	RL µg/kg	Result µg/kg	RL µg/kg
Phenol	U	556	U	556	U	355	U	375	U	412
Bis(2-chloroethyl)ether	U	556	U	556	U	355	U	375	U	412
2-Chlorophenol	U	556	U	556	U	355	U	375	U	412
1,3-Dichlorobenzene	U	556	U	556	U	355	U	375	U	412
1,4-Dichlorobenzene	U	556	U	556	U	355	U	375	U	412
Benzyl Alcohol	U	556	U	556	U	355	U	375	U	412
1,2-Dichlorobenzene	U	556	U	556	U	355	U	375	U	412
2-Methylphenol	U	556	U	556	U	355	U	375	U	412
Bis(2-chloroisopropyl)ethe	U	556	U	556	U	355	U	375	U	412
4-Methylphenol	U	556	U	556	U	355	U	375	U	412
N-Nitroso-di-n-propylamine	U	556	U	556	U	355	U	375	U	412
Hexachloroethane	U	556	U	556	U	355	U	375	U	412
Nitrobenzene	U	556	U	556	U	355	U	375	U	412
Isophorone	U	556	U	556	U	355	U	375	U	412
2-Nitrophenol	U	556	U	556	U	355	U	375	U	412
2,4-Dimethylphenol	U	556	U	556	U	355	U	375	U	412
Bis(2-chloroethoxy)methane	U	556	U	556	U	355	U	375	U	412
2,4-Dichlorophenol	U	556	U	556	U	355	U	375	U	412
1,2,4-Trichlorobenzene	U	556	U	556	U	355	U	375	U	412
Naphthalene	U	556	U	556	U	355	U	375	U	412
4-Chloroananiline	U	556	U	556	U	355	U	375	U	412
Hexachlorobutadiene	U	556	U	556	U	355	U	375	U	412
4-Chloro-3-methylphenol	U	556	U	556	U	355	U	375	U	412
2-Methylnaphthalene	U	556	U	556	U	355	U	375	U	412
Hexachlorocyclopentadiene	U	556	U	556	U	355	U	375	U	412
2,4,6-Trichlorophenol	U	556	U	556	U	355	U	375	U	412
2,4,5-Trichlorophenol	U	556	U	556	U	355	U	375	U	412
2-Chloronaphthalene	U	556	U	556	U	355	U	375	U	412
2-Nitroaniline	U	556	U	556	U	355	U	375	U	412
Dimethylphthalate	U	556	U	556	U	355	U	375	U	412
2,6-Dinitrotoluene	U	556	U	556	U	355	U	375	U	412
Acenaphthylene	U	556	U	556	U	355	U	375	U	412
3-Nitroaniline	U	556	U	556	U	355	U	375	U	412
Acenaphthene	U	556	U	556	U	355	U	375	U	412
2,4-Dinitrophenol	U	556	U	556	U	355	U	375	U	412
4-Nitrophenol	U	556	U	556	U	355	U	375	U	412
Dibenzofuran	U	556	U	556	U	355	U	375	U	412
2,4-Dinitrotoluene	U	556	U	556	U	355	U	375	U	412
Diethylphthalate	U	556	U	556	U	355	U	375	U	412
4-Chlorophenyl-phenylether	U	556	U	556	U	355	U	375	U	412
Fluorene	U	556	U	556	U	355	U	375	U	412
4-Nitroaniline	U	556	U	556	U	355	U	375	U	412
4,6-Dinitro-2-methylphenol	U	556	U	556	U	355	U	375	U	412
N-Nitrosodiphenylamine	U	556	U	556	U	355	U	375	U	412
4-Bromophenyl-phenylether	U	556	U	556	U	355	U	375	U	412
Hexachlorobenzene	U	556	U	556	U	355	U	375	U	412
Pentachlorophenol	U	556	U	556	R	355	U	375	U	412
Phenanthrene	U	556	U	556	U	355	U	375	U	412
Anthracene	U	556	U	556	U	355	U	375	U	412
Carbazole	U	556	U	556	U	355	U	375	U	412
Di-n-butylphthalate	U	556	U	556	U	355	U	375	U	412
Fluoranthene	U	556	U	556	102 J	355	U	375	U	412
Pyrene	U	556	U	556	89.7 J	355	U	375	U	412
Butylbenzyphthalate	U	556	U	556	U	355	U	375	U	412
Benzo(a)anthracene	U	556	U	556	U	355	U	375	U	412
3,3'-Dichlorobenzidine	U	556	U	556	U	355	U	375	U	412
Chrysene	U	556	U	556	U	355	U	375	U	412
Bis(2-ethylhexyl)phthalate	U	556	U	556	U	355	526	375	U	412
Di-n-octylphthalate	U	556	U	556	U	355	U	375	U	412
Benzo(b)fluoranthene	U	556	U	556	U	355	U	375	U	412
Benzo(k)fluoranthene	U	556	U	556	U	355	U	375	U	412
Benzo(a)pyrene	U	556	U	556	U	355	U	375	U	412
Indeno(1,2,3-cd)pyrene	U	556	U	556	U	355	U	375	U	412
Dibenzo(a,h)anthracene	U	556	U	556	U	355	U	375	U	412
Benzo(g,h,i)perylene	U	556	U	556	U	355	U	375	U	412

Table 1.1 (cont) Results of the Analysis for BNA in Soil
WA # 0-201 Ringwood Biological Sampling
(Results are Based on Dry Weight)

Method: REAC SOP 1805

Sample No.	0-0201-0010			0-0201-0011			0-0201-0012			0-0201-0013			0-0201-0014		
Location	2-3-4			2-3-8			3-1-3			3-1-3D			3-1-12		
% Solid	87			78			78			78			61		
Analyte	Result µg/kg		RL µg/kg	Result µg/kg		RL µg/kg	Result µg/kg		RL µg/kg	Result µg/kg		RL µg/kg	Result µg/kg		RL µg/kg
Phenol	U		383	U		427	U		427	U		427	U		546
Bis(2-chloroethyl)ether	U		383	U		427	U		427	U		427	U		546
2-Chlorophenol	U		383	U		427	U		427	U		427	U		546
1,3-Dichlorobenzene	U		383	U		427	U		427	U		427	U		546
1,4-Dichlorobenzene	U		383	U		427	U		427	U		427	U		546
Benzyl Alcohol	U		383	U		427	U		427	U		427	U		546
1,2-Dichlorobenzene	U		383	U		427	U		427	U		427	U		546
2-Methylphenol	U		383	U		427	U		427	U		427	U		546
Bis(2-chloroisopropyl)ethe	U		383	U		427	U		427	U		427	U		546
4-Methylphenol	U		383	U		427	U		427	U		427	U		546
N-Nitroso-di-n-propylamine	U		383	U		427	U		427	U		427	U		546
Hexachloroethane	U		383	U		427	U		427	U		427	U		546
Nitrobenzene	U		383	U		427	U		427	U		427	U		546
Isophorone	U		383	U		427	U		427	U		427	U		546
2-Nitrophenol	U		383	U		427	U		427	U		427	U		546
2,4-Dimethylphenol	U		383	U		427	U		427	U		427	U		546
Bis(2-chloroethoxy)methane	U		383	U		427	U		427	U		427	U		546
2,4-Dichlorophenol	U		383	U		427	U		427	U		427	U		546
1,2,4-Trichlorobenzene	U		383	U		427	U		427	U		427	U		546
Naphthalene	U		383	U		427	U		427	U		427	U		546
4-Chloroananiline	U		383	U		427	U		427	U		427	U		546
Hexachlorobutadiene	U		383	U		427	U		427	U		427	U		546
4-Chloro-3-methylphenol	U		383	U		427	U		427	U		427	U		546
2-Methylnaphthalene	U		383	U		427	U		427	U		427	U		546
Hexachlorocyclopentadiene	U		383	U		427	U		427	U		427	U		546
2,4,6-Trichlorophenol	U		383	U		427	U		427	U		427	U		546
2,4,5-Trichlorophenol	U		383	U		427	U		427	U		427	U		546
2-Chloronaphthalene	U		383	U		427	U		427	U		427	U		546
2-Nitroaniline	U		383	U		427	U		427	U		427	U		546
Dimethylphthalate	U		383	U		427	U		427	U		427	U		546
2,6-Dinitrotoluene	U		383	U		427	U		427	U		427	U		546
Acenaphthylene	U		383	U		427	U		427	U		427	U		546
3-Nitroaniline	U		383	U		427	U		427	U		427	U		546
Acenaphthene	U		383	U		427	U		427	U		427	U		546
2,4-Dinitrophenol	U		383	U		427	U		427	U		427	U		546
4-Nitrophenol	U		383	U		427	U		427	U		427	U		546
Dibenzofuran	U		383	U		427	U		427	U		427	U		546
2,4-Dinitrotoluene	U		383	U		427	U		427	U		427	U		546
Diethylphthalate	U		383	U		427	U		427	U		427	U		546
4-Chlorophenyl-phenylether	U		383	U		427	U		427	U		427	U		546
Fluorene	U		383	U		427	U		427	U		427	U		546
4-Nitroaniline	U		383	U		427	U		427	U		427	U		546
4,6-Dinitro-2-methylphenol	U		383	U		427	U		427	U		427	U		546
N-Nitrosodiphenylamine	U		383	U		427	U		427	U		427	U		546
4-Bromophenyl-phenylether	U		383	U		427	U		427	U		427	U		546
Hexachlorobenzene	U		383	U		427	U		427	U		427	U		546
Pentachlorophenol	U		383	U		427	U		427	U		427	U		546
Phenanthrene	U		383	U		427	U		427	U		427	U		546
Anthracene	U		383	U		427	U		427	U		427	U		546
Carbazole	U		383	U		427	U		427	U		427	U		546
Di-n-butylphthalate	U		383	U		427	U		427	U		427	U		546
Fluoranthene	148	J	383	162	J	427	U		427	U		427	141	J	546
Pyrene	145	J	383	146	J	427	U		427	U		427	U		546
Butylbenzyphthalate	U		383	U		427	U		427	U		427	U		546
Benzo(a)anthracene	U		383	U		427	U		427	U		427	U		546
3,3'-Dichlorobenzidine	U		383	U		427	U		427	U		427	U		546
Chrysene	U		383	131	J	427	U		427	U		427	U		546
Bis(2-ethylhexyl)phthalate	2210		383	204	J	427	U		427	U		427	U		546
Di-n-octylphthalate	U		383	U		427	U		427	U		427	U		546
Benzo(b)fluoranthene	129	J	383	173	J	427	U		427	U		427	U		546
Benzo(k)fluoranthene	125	J	383	139	J	427	U		427	U		427	U		546
Benzo(a)pyrene	142	J	383	138	J	427	U		427	U		427	U		546
Indeno(1,2,3-cd)pyrene	110	J	383	U		427	U		427	U		427	U		546
Dibenzo(a,h)anthracene	U		383	U		427	U		427	U		427	U		546
Benzo(g,h,i)perylene	136	J	383	128	J	427	U		427	U		427	U		546

Table 1.1 (cont) Results of the Analysis for BNA in Soil
WA # 0-201 Ringwood Biological Sampling
(Results are Based on Dry Weight)

Method: REAC SOP 1805

Sample No.	0-0201-0015			0-0201-0016			0-0201-0017			0-0201-0018		
Location	3-3-2			3-4-10			3-4-13			4-1-4		
% Solid	59			50			67			76		
Analyte	Result µg/kg		RL µg/kg	Result µg/kg		RL µg/kg	Result µg/kg		RL µg/kg	Result µg/kg		RL µg/kg
Phenol	U		565	U		667	U		498	U		439
Bis(2-chloroethyl)ether	U		565	U		667	U		498	U		439
2-Chlorophenol	U		565	U		667	U		498	U		439
1,3-Dichlorobenzene	U		565	U		667	U		498	U		439
1,4-Dichlorobenzene	U		565	U		667	U		498	U		439
Benzyl Alcohol	U		565	U		667	U		498	U		439
1,2-Dichlorobenzene	U		565	U		667	U		498	U		439
2-Methylphenol	U		565	U		667	U		498	U		439
Bis(2-chloroisopropyl)ethe	U		565	U		667	U		498	U		439
4-Methylphenol	U		565	U		667	U		498	U		439
N-Nitroso-di-n-propylamine	U		565	U		667	U		498	U		439
Hexachloroethane	U		565	U		667	U		498	U		439
Nitrobenzene	U		565	U		667	U		498	U		439
Isophorone	U		565	U		667	U		498	U		439
2-Nitrophenol	U		565	U		667	U		498	U		439
2,4-Dimethylphenol	U		565	U		667	U		498	U		439
Bis(2-chloroethoxy)methane	U		565	U		667	U		498	U		439
2,4-Dichlorophenol	U		565	U		667	U		498	U		439
1,2,4-Trichlorobenzene	U		565	U		667	U		498	U		439
Naphthalene	U		565	U		667	U		498	U		439
4-Chloroananiline	U		565	U		667	U		498	U		439
Hexachlorobutadiene	U		565	U		667	U		498	U		439
4-Chloro-3-methylphenol	U		565	U		667	U		498	U		439
2-Methylnaphthalene	U		565	U		667	U		498	U		439
Hexachlorocyclopentadiene	U		565	U		667	U		498	U		439
2,4,6-Trichlorophenol	U		565	U		667	U		498	U		439
2,4,5-Trichlorophenol	U		565	U		667	U		498	U		439
2-Chloronaphthalene	U		565	U		667	U		498	U		439
2-Nitroaniline	U		565	U		667	U		498	U		439
Dimethylphthalate	U		565	U		667	U		498	U		439
2,6-Dinitrotoluene	U		565	U		667	U		498	U		439
Acenaphthylene	U		565	U		667	U		498	U		439
3-Nitroaniline	U		565	U		667	U		498	U		439
Acenaphthene	U		565	U		667	U		498	U		439
2,4-Dinitrophenol	U		565	U		667	U		498	U		439
4-Nitrophenol	U		565	U		667	U		498	U		439
Dibenzofuran	U		565	U		667	U		498	U		439
2,4-Dinitrotoluene	U		565	U		667	U		498	U		439
Diethylphthalate	U		565	U		667	U		498	U		439
4-Chlorophenyl-phenylether	U		565	U		667	U		498	U		439
Fluorene	U		565	U		667	U		498	U		439
4-Nitroaniline	U		565	U		667	U		498	U		439
4,6-Dinitro-2-methylphenol	U		565	U		667	U		498	U		439
N-Nitrosodiphenylamine	U		565	U		667	U		498	U		439
4-Bromophenyl-phenylether	U		565	U		667	U		498	U		439
Hexachlorobenzene	U		565	U		667	U		498	U		439
Pentachlorophenol	U		565	U		667	U		498	U	J	439
Phenanthrene	327	J	565	U		667	U		498	U		439
Anthracene	U		565	U		667	U		498	U		439
Carbazole	U		565	U		667	U		498	U		439
Di-n-butylphthalate	U		565	U		667	U		498	U		439
Fluoranthene	678		565	U		667	130	J	498	U		439
Pyrene	536	J	565	U		667	U		498	U		439
Butylbenzyphthalate	U		565	U		667	U		498	U		439
Benzo(a)anthracene	220	J	565	U		667	U		498	U		439
3,3'-Dichlorobenzidine	U		565	U		667	U		498	U		439
Chrysene	382	J	565	U		667	U		498	U		439
Bis(2-ethylhexyl)phthalate	162	J	565	U		667	U		498	U		439
Di-n-octylphthalate	U		565	U		667	U		498	U		439
Benzo(b)fluoranthene	418	J	565	U		667	U		498	U		439
Benzo(k)fluoranthene	301	J	565	U		667	U		498	U		439
Benzo(a)pyrene	365	J	565	U		667	U		498	U		439
Indeno(1,2,3-cd)pyrene	250	J	565	U		667	U		498	U		439
Dibenzo(a,h)anthracene	U		565	U		667	U		498	U		439
Benzo(g,h,i)perylene	285	J	565	U		667	U		498	U		439

Table 1.1 (cont) Results of the Analysis for BNA in Soil
WA # 0-201 Ringwood Biological Sampling
(Results are Based on Dry Weight)

Method: REAC SOP 1805

Sample No.	SBLK100606		0-0201-0019		0-0201-0020		0-0201-0021		0-0201-0022	
Sample Location	-		4-1-12		4-2-1		4-2-10		4-3-6	
% Solid	100		68		74		81		75	
Analyte	Result µg/kg	RL µg/kg	Result µg/kg	RL µg/kg	Result µg/kg	RL µg/kg	Result µg/kg	RL µg/kg	Result µg/kg	RL µg/kg
Phenol	U	333	U	490	U	450	U	412	R	444
Bis(2-chloroethyl)ether	U	333	U	490	U	450	U	412	U	444
2-Chlorophenol	U	333	U	490	U	450	U	412	R	444
1,3-Dichlorobenzene	U	333	U	490	U	450	U	412	U	444
1,4-Dichlorobenzene	U	333	U	490	U	450	U	412	U	444
Benzyl Alcohol	U	333	U	490	U	450	U	412	R	444
1,2-Dichlorobenzene	U	333	U	490	U	450	U	412	U	444
2-Methylphenol	U	333	U	490	U	450	U	412	R	444
Bis(2-chloroisopropyl)ethe	U	333	U	490	U	450	U	412	U	444
4-Methylphenol	U	333	U	490	U	450	U	412	R	444
N-Nitroso-di-n-propylamine	U	333	U	490	U	450	U	412	U	444
Hexachloroethane	U	333	U	490	U	450	U	412	U	444
Nitrobenzene	U	333	U	490	U	450	U	412	U	444
Isophorone	U	333	U	490	U	450	U	412	U	444
2-Nitrophenol	U	333	U	490	U	450	U	412	R	444
2,4-Dimethylphenol	U	333	U	490	U	450	U	412	U	444
Bis(2-chloroethoxy)methane	U	333	U	490	U	450	U	412	U	444
2,4-Dichlorophenol	U	333	U	490	U	450	U	412	R	444
1,2,4-Trichlorobenzene	U	333	U	490	U	450	U	412	U	444
Naphthalene	U	333	U	490	U	450	U	412	U	444
4-Chloroananiline	U	333	U	490	U	450	U	412	U	444
Hexachlorobutadiene	U	333	U	490	U	450	U	412	U	444
4-Chloro-3-methylphenol	U	333	U	490	U	450	U	412	R	444
2-Methylnaphthalene	U	333	U	490	U	450	U	412	U	444
Hexachlorocyclopentadiene	U	333	U	490	U	450	U	412	U	444
2,4,6-Trichlorophenol	U	333	U	490	U	450	U	412	R	444
2,4,5-Trichlorophenol	U	333	U	490	U	450	U	412	R	444
2-Chloronaphthalene	U	333	U	490	U	450	U	412	U	444
2-Nitroaniline	U	333	U	490	U	450	U	412	U	444
Dimethylphthalate	U	333	U	490	U	450	U	412	U	444
2,6-Dinitrotoluene	U	333	U	490	U	450	U	412	U	444
Acenaphthylene	U	333	U	490	U	450	U	412	U	444
3-Nitroaniline	U	333	U	490	U	450	U	412	U	444
Acenaphthene	U	333	U	490	U	450	U	412	U	444
2,4-Dinitrophenol	U	333	U	490	U	450	U	412	R	444
4-Nitrophenol	U	333	U	490	U	450	U	412	R	444
Dibenzofuran	U	333	U	490	U	450	U	412	U	444
2,4-Dinitrotoluene	U	333	U	490	U	450	U	412	U	444
Diethylphthalate	U	333	U	490	U	450	U	412	U	444
4-Chlorophenyl-phenylether	U	333	U	490	U	450	U	412	U	444
Fluorene	U	333	U	490	U	450	U	412	U	444
4-Nitroaniline	U	333	U	490	U	450	U	412	U	444
4,6-Dinitro-2-methylphenol	U	333	U	490	U	450	U	412	R	444
N-Nitrosodiphenylamine	U	333	U	490	U	450	U	412	U	444
4-Bromophenyl-phenylether	U	333	U	490	U	450	U	412	U	444
Hexachlorobenzene	U	333	U	490	U	450	U	412	U	444
Pentachlorophenol	U	333	U	490	U	450	U	412	R	444
Phenanthrene	U	333	U	490	U	450	U	412	U	444
Anthracene	U	333	U	490	U	450	U	412	U	444
Carbazole	U	333	U	490	U	450	U	412	U	444
Di-n-butylphthalate	U	333	U	490	U	450	U	412	U	444
Fluoranthene	U	333	U	490	U	450	U	412	U	444
Pyrene	U	333	U	490	U	450	U	412	U	444
Butylbenzyphthalate	U	333	U	490	U	450	U	412	U	444
Benzo(a)anthracene	U	333	U	490	U	450	U	412	U	444
3,3'-Dichlorobenzidine	U	333	U	490	U	450	U	412	U	444
Chrysene	U	333	U	490	U	450	U	412	U	444
Bis(2-ethylhexyl)phthalate	U	333	U	490	U	450	U	412	U	444
Di-n-octylphthalate	U	333	U	490	U	450	U	412	U	444
Benzo(b)fluoranthene	U	333	U	490	U	450	U	412	U	444
Benzo(k)fluoranthene	U	333	U	490	U	450	U	412	U	444
Benzo(a)pyrene	U	333	U	490	U	450	U	412	U	444
Indeno(1,2,3-cd)pyrene	U	333	U	490	U	450	U	412	U	444
Dibenzo(a,h)anthracene	U	333	U	490	U	450	U	412	U	444
Benzo(g,h,i)perylene	U	333	U	490	U	450	U	412	U	444

Table 1.1 (cont) Results of the Analysis for BNA in Soil
WA # 0-201 Ringwood Biological Sampling
(Results are Based on Dry Weight)

Method: REAC SOP 1805

Sample No.	0-0201-0023		0-0201-0024		0-0201-0025		0-0201-0026		0-0201-0027	
Location	Field Blank		Sed 1-A		Sed 1-B		Sed 1-C		Sed 3-A	
% Solid	100		51		60		52		60	
Analyte	Result µg/kg	RL µg/kg	Result µg/kg	RL µg/kg	Result µg/kg	RL µg/kg	Result µg/kg	RL µg/kg	Result µg/kg	RL µg/kg
Phenol	U	333	U	654	U	556	U	641	U	556
Bis(2-chloroethyl)ether	U	333	U	654	U	556	U	641	U	556
2-Chlorophenol	U	333	U	654	U	556	U	641	U	556
1,3-Dichlorobenzene	U	333	U	654	U	556	U	641	U	556
1,4-Dichlorobenzene	U	333	U	654	U	556	U	641	U	556
Benzyl Alcohol	U	333	U	654	U	556	U	641	U	556
1,2-Dichlorobenzene	U	333	U	654	U	556	U	641	U	556
2-Methylphenol	U	333	U	654	U	556	U	641	U	556
Bis(2-chloroisopropyl)ethe	U	333	U	654	U	556	U	641	U	556
4-Methylphenol	U	333	U	654	U	556	U	641	U	556
N-Nitroso-di-n-propylamine	U	333	U	654	U	556	U	641	U	556
Hexachloroethane	U	333	U	654	U	556	U	641	U	556
Nitrobenzene	U	333	U	654	U	556	U	641	U	556
Isophorone	U	333	U	654	U	556	U	641	U	556
2-Nitrophenol	U	333	U	654	U	556	U	641	U	556
2,4-Dimethylphenol	U	333	U	654	U	556	U	641	U	556
Bis(2-chloroethoxy)methane	U	333	U	654	U	556	U	641	U	556
2,4-Dichlorophenol	U	333	U	654	U	556	U	641	U	556
1,2,4-Trichlorobenzene	U	333	U	654	U	556	U	641	U	556
Naphthalene	U	333	U	654	U	556	U	641	U	556
4-Chloroananiline	U	333	U	654	U	556	U	641	U	556
Hexachlorobutadiene	U	333	U	654	U	556	U	641	U	556
4-Chloro-3-methylphenol	U	333	U	654	U	556	U	641	U	556
2-Methylnaphthalene	U	333	U	654	U	556	U	641	U	556
Hexachlorocyclopentadiene	U	333	U	654	U	556	U	641	U	556
2,4,6-Trichlorophenol	U	333	U	654	U	556	U	641	U	556
2,4,5-Trichlorophenol	U	333	U	654	U	556	U	641	U	556
2-Chloronaphthalene	U	333	U	654	U	556	U	641	U	556
2-Nitroaniline	U	333	U	654	U	556	U	641	U	556
Dimethylphthalate	U	333	U	654	U	556	U	641	U	556
2,6-Dinitrotoluene	U	333	U	654	U	556	U	641	U	556
Acenaphthylene	U	333	U	654	U	556	U	641	U	556
3-Nitroaniline	U	333	U	654	U	556	U	641	U	556
Acenaphthene	U	333	U	654	U	556	U	641	U	556
2,4-Dinitrophenol	U	333	U	654	U	556	U	641	U	556
4-Nitrophenol	U	333	U	654	U	556	U	641	U	556
Dibenzofuran	U	333	U	654	U	556	U	641	U	556
2,4-Dinitrotoluene	U	333	U	654	U	556	U	641	U	556
Diethylphthalate	U	333	U	654	U	556	U	641	U	556
4-Chlorophenyl-phenylether	U	333	U	654	U	556	U	641	U	556
Fluorene	U	333	U	654	U	556	U	641	U	556
4-Nitroaniline	U	333	U	654	U	556	U	641	U	556
4,6-Dinitro-2-methylphenol	U	333	U	654	U	556	U	641	U	556
N-Nitrosodiphenylamine	U	333	U	654	U	556	U	641	U	556
4-Bromophenyl-phenylether	U	333	U	654	U	556	U	641	U	556
Hexachlorobenzene	U	333	U	654	U	556	U	641	U	556
Pentachlorophenol	U	333	U J	654	U	556	U	641	U	556
Phenanthrene	U	333	U	654	U	556	U	641	U	556
Anthracene	U	333	U	654	U	556	U	641	U	556
Carbazole	U	333	U	654	U	556	U	641	U	556
Di-n-butylphthalate	U	333	U	654	U	556	U	641	U	556
Fluoranthene	U	333	U	654	U	556	U	641	U	556
Pyrene	U	333	U	654	U	556	U	641	U	556
Butylbenzyphthalate	U	333	U	654	U	556	U	641	U	556
Benzo(a)anthracene	U	333	U	654	U	556	U	641	U	556
3,3'-Dichlorobenzidine	U	333	U	654	U	556	U	641	U	556
Chrysene	U	333	U	654	U	556	U	641	U	556
Bis(2-ethylhexyl)phthalate	U	333	U	654	U	556	U	641	U	556
Di-n-octylphthalate	U	333	U	654	U	556	U	641	U	556
Benzo(b)fluoranthene	U	333	U	654	U	556	U	641	U	556
Benzo(k)fluoranthene	U	333	U	654	U	556	U	641	U	556
Benzo(a)pyrene	U	333	U	654	U	556	U	641	U	556
Indeno(1,2,3-cd)pyrene	U	333	U	654	U	556	U	641	U	556
Dibenzo(a,h)anthracene	U	333	U	654	U	556	U	641	U	556
Benzo(g,h,i)perylene	U	333	U	654	U	556	U	641	U	556

Table 1.1 (cont) Results of the Analysis for BNA in Soil
WA # 0-201 Ringwood Biological Sampling
(Results are Based on Dry Weight)

Method: REAC SOP 1805

Sample No.	0-0201-0028		0-0201-0029		0-0201-0030		0-0201-0031		0-0201-0032	
Location	Sed 3-AD		Sed 3-B		Sed 3-C		Sed 4-A		Sed 4-B	
% Solid	54		78		81		77		81	
Analyte	Result µg/kg	RL µg/kg	Result µg/kg	RL µg/kg	Result µg/kg	RL µg/kg	Result µg/kg	RL µg/kg	Result µg/kg	RL µg/kg
Phenol	U	617	U	427	U	412	U	433	U	412
Bis(2-chloroethyl)ether	U	617	U	427	U	412	U	433	U	412
2-Chlorophenol	U	617	U	427	U	412	U	433	U	412
1,3-Dichlorobenzene	U	617	U	427	U	412	U	433	U	412
1,4-Dichlorobenzene	U	617	U	427	U	412	U	433	U	412
Benzyl Alcohol	U	617	U	427	U	412	U	433	U	412
1,2-Dichlorobenzene	U	617	U	427	U	412	U	433	U	412
2-Methylphenol	U	617	U	427	U	412	U	433	U	412
Bis(2-chloroisopropyl)ethe	U	617	U	427	U	412	U	433	U	412
4-Methylphenol	U	617	U	427	U	412	U	433	U	412
N-Nitroso-di-n-propylamine	U	617	U	427	U	412	U	433	U J	412
Hexachloroethane	U	617	U	427	U	412	U	433	U	412
Nitrobenzene	U	617	U	427	U	412	U	433	U	412
Isophorone	U	617	U	427	U	412	U	433	U	412
2-Nitrophenol	U	617	U	427	U	412	U	433	U	412
2,4-Dimethylphenol	U	617	U	427	U	412	U	433	U	412
Bis(2-chloroethoxy)methane	U	617	U	427	U	412	U	433	U	412
2,4-Dichlorophenol	U	617	U	427	U	412	U	433	U	412
1,2,4-Trichlorobenzene	U	617	U	427	U	412	U	433	U J	412
Naphthalene	U	617	U	427	U	412	U	433	U	412
4-Chloroananiline	U	617	U	427	U	412	U	433	U	412
Hexachlorobutadiene	U	617	U	427	U	412	U	433	U	412
4-Chloro-3-methylphenol	U	617	U	427	U	412	U	433	U	412
2-Methylnaphthalene	U	617	U	427	U	412	U	433	U	412
Hexachlorocyclopentadiene	U	617	U	427	U	412	U	433	U	412
2,4,6-Trichlorophenol	U	617	U	427	U	412	U	433	U	412
2,4,5-Trichlorophenol	U	617	U	427	U	412	U	433	U	412
2-Chloronaphthalene	U	617	U	427	U	412	U	433	U	412
2-Nitroaniline	U	617	U	427	U	412	U	433	U	412
Dimethylphthalate	U	617	U	427	U	412	U	433	U	412
2,6-Dinitrotoluene	U	617	U	427	U	412	U	433	U	412
Acenaphthylene	U	617	U	427	U	412	U	433	U	412
3-Nitroaniline	U	617	U	427	U	412	U	433	U	412
Acenaphthene	U	617	U	427	U	412	U	433	U	412
2,4-Dinitrophenol	U	617	U	427	U	412	U	433	U	412
4-Nitrophenol	U	617	U	427	U	412	U	433	U	412
Dibenzofuran	U	617	U	427	U	412	U	433	U	412
2,4-Dinitrotoluene	U	617	U	427	U	412	U	433	U	412
Diethylphthalate	U	617	U	427	U	412	U	433	U	412
4-Chlorophenyl-phenylether	U	617	U	427	U	412	U	433	U	412
Fluorene	U	617	U	427	U	412	U	433	U	412
4-Nitroaniline	U	617	U	427	U	412	U	433	U	412
4,6-Dinitro-2-methylphenol	U	617	U	427	U	412	U	433	U	412
N-Nitrosodiphenylamine	U	617	U	427	U	412	U	433	U	412
4-Bromophenyl-phenylether	U	617	U	427	U	412	U	433	U	412
Hexachlorobenzene	U	617	U	427	U	412	U	433	U	412
Pentachlorophenol	U	617	U	427	U	412	U	433	U J	412
Phenanthrene	U	617	U	427	U	412	U	433	U	412
Anthracene	U	617	U	427	U	412	U	433	U	412
Carbazole	U	617	U	427	U	412	U	433	U	412
Di-n-butylphthalate	U	617	U	427	U	412	U	433	U	412
Fluoranthene	U	617	U	427	U	412	U	433	U	412
Pyrene	U	617	U	427	U	412	U	433	U	412
Butylbenzyphthalate	U	617	U	427	U	412	U	433	U	412
Benzo(a)anthracene	U	617	U	427	U	412	U	433	U	412
3,3'-Dichlorobenzidine	U	617	U	427	U	412	U	433	U	412
Chrysene	U	617	U	427	U	412	U	433	U	412
Bis(2-ethylhexyl)phthalate	U	617	239 J	427	U	412	U	433	U	412
Di-n-octylphthalate	U	617	U	427	U	412	U	433	U	412
Benzo(b)fluoranthene	U	617	U	427	U	412	U	433	U	412
Benzo(k)fluoranthene	U	617	U	427	U	412	U	433	U	412
Benzo(a)pyrene	U	617	U	427	U	412	U	433	U	412
Indeno(1,2,3-cd)pyrene	U	617	U	427	U	412	U	433	U	412
Dibenzo(a,h)anthracene	U	617	U	427	U	412	U	433	U	412
Benzo(g,h,i)perylene	U	617	U	427	U	412	U	433	U	412

Table 1.1 (cont) Results of the Analysis for BNA in Soil
WA # 0-201 Ringwood Biological Sampling
(Results are Based on Dry Weight)

Method: REAC SOP 1805

Sample No.	0-0201-0033			0-0201-0034	
Location	Sed 4-C			Field Blank	
% Solid	49			100	
Analyte	Result µg/kg		RL µg/kg	Result µg/kg	RL µg/kg
Phenol	U		680	U	333
Bis(2-chloroethyl)ether	U		680	U	333
2-Chlorophenol	U		680	U	333
1,3-Dichlorobenzene	U		680	U	333
1,4-Dichlorobenzene	U		680	U	333
Benzyl Alcohol	U		680	U	333
1,2-Dichlorobenzene	U		680	U	333
2-Methylphenol	U		680	U	333
Bis(2-chloroisopropyl)ethe	U		680	U	333
4-Methylphenol	U		680	U	333
N-Nitroso-di-n-propylamine	U		680	U	333
Hexachloroethane	U		680	U	333
Nitrobenzene	U		680	U	333
Isophorone	U		680	U	333
2-Nitrophenol	U		680	U	333
2,4-Dimethylphenol	U		680	U	333
Bis(2-chloroethoxy)methane	U		680	U	333
2,4-Dichlorophenol	U		680	U	333
1,2,4-Trichlorobenzene	U		680	U	333
Naphthalene	U		680	U	333
4-Chloroananiline	U		680	U	333
Hexachlorobutadiene	U		680	U	333
4-Chloro-3-methylphenol	U		680	U	333
2-Methylnaphthalene	U		680	U	333
Hexachlorocyclopentadiene	U		680	U	333
2,4,6-Trichlorophenol	U		680	U	333
2,4,5-Trichlorophenol	U		680	U	333
2-Chloronaphthalene	U		680	U	333
2-Nitroaniline	U		680	U	333
Dimethylphthalate	U		680	U	333
2,6-Dinitrotoluene	U		680	U	333
Acenaphthylene	U		680	U	333
3-Nitroaniline	U		680	U	333
Acenaphthene	U		680	U	333
2,4-Dinitrophenol	U		680	U	333
4-Nitrophenol	U		680	U	333
Dibenzofuran	U		680	U	333
2,4-Dinitrotoluene	U		680	U	333
Diethylphthalate	U		680	U	333
4-Chlorophenyl-phenylether	U		680	U	333
Fluorene	U		680	U	333
4-Nitroaniline	U		680	U	333
4,6-Dinitro-2-methylphenol	U		680	U	333
N-Nitrosodiphenylamine	U		680	U	333
4-Bromophenyl-phenylether	U		680	U	333
Hexachlorobenzene	U		680	U	333
Pentachlorophenol	U		680	U	333
Phenanthrene	U		680	U	333
Anthracene	U		680	U	333
Carbazole	U		680	U	333
Di-n-butylphthalate	U		680	U	333
Fluoranthene	254	J	680	U	333
Pyrene	214	J	680	U	333
Butylbenzyphthalate	U		680	U	333
Benzo(a)anthracene	U		680	U	333
3,3'-Dichlorobenzidine	U		680	U	333
Chrysene	U		680	U	333
Bis(2-ethylhexyl)phthalate	U		680	U	333
Di-n-octylphthalate	U		680	U	333
Benzo(b)fluoranthene	U		680	U	333
Benzo(k)fluoranthene	U		680	U	333
Benzo(a)pyrene	178	J	680	U	333
Indeno(1,2,3-cd)pyrene	U		680	U	333
Dibenzo(a,h)anthracene	U		680	U	333
Benzo(g,h,i)perylene	U		680	U	333

Table 1.2 Results of the Analysis for BNA in Water
WA # 0-201 Ringwood Biological Sampling

Method REAC SOP 1804

Sample No.	WBLK100506		0-0201-0035		0-0201-0036		0-0201-0037		0-0201-0038	
Location	-		Loc 1		Loc 3		Loc 3D		Loc 4	
Analyte	Result µg/L	RL µg/L	Result µg/L	RL µg/L	Result µg/L	RL µg/L	Result µg/L	RL µg/L	Result µg/L	RL µg/L
Phenol	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
Bis(2-chloroethyl)ether	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
2-Chlorophenol	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
1,3-Dichlorobenzene	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
1,4-Dichlorobenzene	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
Benzyl Alcohol	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
1,2-Dichlorobenzene	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
2-Methylphenol	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
Bis(2-chloroisopropyl)ethe	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
4-Methylphenol	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
N-Nitroso-di-n-propylamine	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
Hexachloroethane	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
Nitrobenzene	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
Isophorone	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
2-Nitrophenol	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
2,4-Dimethylphenol	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
Bis(2-chloroethoxy)methane	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
2,4-Dichlorophenol	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
1,2,4-Trichlorobenzene	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
Naphthalene	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
4-Chloroananiline	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
Hexachlorobutadiene	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
4-Chloro-3-methylphenol	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
2-Methylnaphthalene	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
Hexachlorocyclopentadiene	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
2,4,6-Trichlorophenol	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
2,4,5-Trichlorophenol	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
2-Chloronaphthalene	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
2-Nitroaniline	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
Dimethylphthalate	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
2,6-Dinitrotoluene	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
Acenaphthylene	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
3-Nitroaniline	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
Acenaphthene	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
2,4-Dinitrophenol	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
4-Nitrophenol	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
Dibenzofuran	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
2,4-Dinitrotoluene	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
Diethylphthalate	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
4-Chlorophenyl-phenylether	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
Fluorene	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
4-Nitroaniline	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
4,6-Dinitro-2-methylphenol	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
N-Nitrosodiphenylamine	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
4-Bromophenyl-phenylether	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
Hexachlorobenzene	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
Pentachlorophenol	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
Phenanthrene	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
Anthracene	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
Carbazole	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
Di-n-butylphthalate	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
Fluoranthene	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
Pyrene	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
Butylbenzyphthalate	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
Benzo(a)anthracene	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
3,3'-Dichlorobenzidine	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
Chrysene	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
Bis(2-ethylhexyl)phthalate	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
Di-n-octylphthalate	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
Benzo(b)fluoranthene	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
Benzo(k)fluoranthene	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
Benzo(a)pyrene	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
Indeno(1,2,3-cd)pyrene	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
Dibenzo(a,h)anthracene	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
Benzo(g,h,i)perylene	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0

Table 1.2 (cont) Results of the Analysis for BNA in Water
WA # 0-201 Ringwood Biological Sampling

Method REAC SOP 1804

Sample No.	0-0201-0039
Location	Field Blank

Analyte	Result µg/L	RL µg/L
Phenol	U	11.1
Bis(2-chloroethyl)ether	U	11.1
2-Chlorophenol	U	11.1
1,3-Dichlorobenzene	U	11.1
1,4-Dichlorobenzene	U	11.1
Benzyl Alcohol	U	11.1
1,2-Dichlorobenzene	U	11.1
2-Methylphenol	U	11.1
Bis(2-chloroisopropyl)ethe	U	11.1
4-Methylphenol	U	11.1
N-Nitroso-di-n-propylamine	U	11.1
Hexachloroethane	U	11.1
Nitrobenzene	U	11.1
Isophorone	U	11.1
2-Nitrophenol	U	11.1
2,4-Dimethylphenol	U	11.1
Bis(2-chloroethoxy)methane	U	11.1
2,4-Dichlorophenol	U	11.1
1,2,4-Trichlorobenzene	U	11.1
Naphthalene	U	11.1
4-Chloroananiline	U	11.1
Hexachlorobutadiene	U	11.1
4-Chloro-3-methylphenol	U	11.1
2-Methylnaphthalene	U	11.1
Hexachlorocyclopentadiene	U	11.1
2,4,6-Trichlorophenol	U	11.1
2,4,5-Trichlorophenol	U	11.1
2-Chloronaphthalene	U	11.1
2-Nitroaniline	U	11.1
Dimethylphthalate	U	11.1
2,6-Dinitrotoluene	U	11.1
Acenaphthylene	U	11.1
3-Nitroaniline	U	11.1
Acenaphthene	U	11.1
2,4-Dinitrophenol	U	11.1
4-Nitrophenol	U	11.1
Dibenzofuran	U	11.1
2,4-Dinitrotoluene	U	11.1
Diethylphthalate	U	11.1
4-Chlorophenyl-phenylether	U	11.1
Fluorene	U	11.1
4-Nitroaniline	U	11.1
4,6-Dinitro-2-methylphenol	U	11.1
N-Nitrosodiphenylamine	U	11.1
4-Bromophenyl-phenylether	U	11.1
Hexachlorobenzene	U	11.1
Pentachlorophenol	U	11.1
Phenanthrene	U	11.1
Anthracene	U	11.1
Carbazole	U	11.1
Di-n-butylphthalate	U	11.1
Fluoranthene	U	11.1
Pyrene	U	11.1
Butylbenzyphthalate	U	11.1
Benzo(a)anthracene	U	11.1
3,3'-Dichlorobenzidine	U	11.1
Chrysene	U	11.1
Bis(2-ethylhexyl)phthalate	U	11.1
Di-n-octylphthalate	U	11.1
Benzo(b)fluoranthene	U	11.1
Benzo(k)fluoranthene	U	11.1
Benzo(a)pyrene	U	11.1
Indeno(1,2,3-cd)pyrene	U	11.1
Dibenzo(a,h)anthracene	U	11.1
Benzo(g,h,i)perylene	U	11.1

Table 1.3 Results of the Analysis for PCBs in Soil
WA # 0-201 Ringwood Biological Sampling
(Results are Based on Dry Weight)

Method: REAC SOP 1801

Sample No.	SBLK100206		0-0201-0001		0-201-0002		0-0201-0003		0-0201-0004	
Location	-		1-1-4		1-1-9		1-2-4		1-3-5	
% Solid	100		55		77		52		62	
Analyte	Result µg/kg	RL µg/kg	Result µg/kg	RL µg/kg	Result µg/kg	RL µg/kg	Result µg/kg	RL µg/kg	Result µg/kg	RL µg/kg
AROCLOR 1016	U	41.7	U	75.8	U	54.1	U	80.1	U	67.2
AROCLOR 1221	U	83.3	U	152	U	108	U	160	U	134
AROCLOR 1232	U	41.7	U	75.8	U	54.1	U	80.1	U	67.2
AROCLOR 1242	U	41.7	U	75.8	U	54.1	U	80.1	U	67.2
AROCLOR 1248	U	41.7	U	75.8	U	54.1	U	80.1	U	67.2
AROCLOR 1254	U	41.7	U	75.8	28.8 J	54.1	U	80.1	U	67.2
AROCLOR 1260	U	41.7	U	75.8	U	54.1	U	80.1	U	67.2
AROCLOR 1268	U	41.7	U	75.8	U	54.1	U	80.1	U	67.2

Table 1.3 (cont) Results of the Analysis for PCBs in Soil
WA # 0-201 Ringwood Biological Sampling
(Results are Based on Dry Weight)

Method: REAC SOP 1801

Sample No.	0-0201-0005		0-0201-0006		0-0201-0007		0-0201-0008		0-0201-0009	
Location	1-4-2		1-4-2D		2-1-3		2-2-3		2-2-15	
% Solid	60		60		94		89		81	
Analyte	Result µg/kg	RL µg/kg	Result µg/kg	RL µg/kg	Result µg/kg	RL µg/kg	Result µg/kg	RL µg/kg	Result µg/kg	RL µg/kg
AROCLOR 1016	U	69.4	U	69.4	U	44.3	U	46.8	U	51.4
AROCLOR 1221	U	139	U	139	U	88.7	U	93.6	U	103
AROCLOR 1232	U	69.4	U	69.4	U	44.3	U	46.8	U	51.4
AROCLOR 1242	U	69.4	U	69.4	U	44.3	U	46.8	U	51.4
AROCLOR 1248	U	69.4	U	69.4	U	44.3	U	46.8	U	51.4
AROCLOR 1254	U	69.4	U	69.4	U	44.3	U	46.8	U	51.4
AROCLOR 1260	U	69.4	U	69.4	U	44.3	U	46.8	U	51.4
AROCLOR 1268	U	69.4	U	69.4	U	44.3	U	46.8	U	51.4

Table 1.3 (cont) Results of the Analysis for PCBs in Soil
WA # 0-201(cont) Ringwood Biological Sampling
(Results are Based on Dry Weight)

Method: REAC SOP 1801

Sample No.	0-0201-0010		0-0201-0011		0-0201-0012		0-0201-0013		0-0201-0014	
Location	2-3-4		2-3-8		3-1-3		3-1-3D		3-1-12	
% Solid	87		78		78		78		61	
Analyte	Result µg/kg	RL µg/kg	Result µg/kg	RL µg/kg	Result µg/kg	RL µg/kg	Result µg/kg	RL µg/kg	Result µg/kg	RL µg/kg
AROCLOR 1016	U	47.9	U	53.4	U	53.4	U	53.4	U	68.3
AROCLOR 1221	U	95.8	U	107	U	107	U	107	U	137
AROCLOR 1232	U	47.9	U	53.4	U	53.4	U	53.4	U	68.3
AROCLOR 1242	U	47.9	U	53.4	U	53.4	U	53.4	U	68.3
AROCLOR 1248	U	47.9	U	53.4	U	53.4	U	53.4	U	68.3
AROCLOR 1254	95.4	47.9	125	53.4	U	53.4	U	53.4	U	68.3
AROCLOR 1260	51.7	47.9	42.9 J	53.4	U	53.4	U	53.4	U	68.3
AROCLOR 1268	U	47.9	U	53.4	U	53.4	U	53.4	U	68.3

Table 1.3 (cont) Results of the Analysis for PCBs in Soil
WA # 0-201(cont) Ringwood Biological Sampling
(Results are Based on Dry Weight)

Method: REAC SOP 1801

Sample No.	0-0201-0015		0-0201-0016		0-0201-0017		0-0201-0018	
Location	3-3-2		3-4-10		3-4-13		4-1-4	
% Solid	54		50		67		76	
Analyte	Result µg/kg	RL µg/kg	Result µg/kg	RL µg/kg	Result µg/kg	RL µg/kg	Result µg/kg	RL µg/kg
AROCLOR 1016	U	70.6	U	83.3	U	62.2	U	54.8
AROCLOR 1221	U	141	U	167	U	124	U	110
AROCLOR 1232	U	70.6	U	83.3	U	62.2	U	54.8
AROCLOR 1242	U	70.6	U	83.3	U	62.2	U	54.8
AROCLOR 1248	U	70.6	U	83.3	U	62.2	U	54.8
AROCLOR 1254	U	70.6	U	83.3	U	62.2	U	54.8
AROCLOR 1260	U	70.6	U	83.3	U	62.2	U	54.8
AROCLOR 1268	U	70.6	U	83.3	U	62.2	U	54.8

Table 1.3 (cont) Results of the Analysis for PCBs in Soil
WA # 0-201(cont) Ringwood Biological Sampling
(Results are Based on Dry Weight)

Method: REAC SOP 1801

Sample No.	SBLK100306		0-0201-0019		0-0201-0020		0-0201-0021		0-0201-0022	
Location	-		4-1-12		4-2-1		4-2-10		4-3-6	
% Solid	100		68		74		81		75	
Analyte	Result µg/kg	RL µg/kg	Result µg/kg	RL µg/kg	Result µg/kg	RL µg/kg	Result µg/kg	RL µg/kg	Result µg/kg	RL µg/kg
AROCLOR 1016	U	41.7	U	61.3	U	56.3	U	51.4	U	55.6
AROCLOR 1221	U	83.3	U	123	U	113	U	103	U	111
AROCLOR 1232	U	41.7	U	61.3	U	56.3	U	51.4	U	55.6
AROCLOR 1242	U	41.7	U	61.3	U	56.3	U	51.4	U	55.6
AROCLOR 1248	U	41.7	U	61.3	U	56.3	U	51.4	U	55.6
AROCLOR 1254	U	41.7	U	61.3	U	56.3	U	51.4	U	55.6
AROCLOR 1260	U	41.7	U	61.3	U	56.3	U	51.4	U	55.6
AROCLOR 1268	U	41.7	U	61.3	U	56.3	U	51.4	U	55.6

Table 1.3 (cont) Results of the Analysis for PCBs in Soil
WA # 0-201 Ringwood Biological Sampling
(Results are Based on Dry Weight)

Method: REAC SOP 1801

Sample No.	0-0201-0023		0-0201-0024		0-0201-0025		0-0201-0026		0-0201-0027	
Location	Field Blank		Sed 1-A		Sed 1-B		Sed 1-C		Sed 3-A	
% Solid	100		51		60		52		60	
Analyte	Result µg/kg	RL µg/kg	Result µg/kg	RL µg/kg	Result µg/kg	RL µg/kg	Result µg/kg	RL µg/kg	Result µg/kg	RL µg/kg
AROCLOR 1016	U	41.7	U	81.7	U	69.4	U	80.1	U	69.4
AROCLOR 1221	U	83.3	U	163	U	139	U	160	U	139
AROCLOR 1232	U	41.7	U	81.7	U	69.4	U	80.1	U	69.4
AROCLOR 1242	U	41.7	U	81.7	U	69.4	U	80.1	U	69.4
AROCLOR 1248	U	41.7	U	81.7	U	69.4	U	80.1	U	69.4
AROCLOR 1254	U	41.7	U	81.7	105	69.4	64.8 J	80.1	U	69.4
AROCLOR 1260	U	41.7	U	81.7	23.7 J	69.4	22.5 J	80.1	U	69.4
AROCLOR 1268	U	41.7	U	81.7	U	69.4	U	80.1	U	69.4

Table 1.3 (cont) Results of the Analysis for PCBs in Soil
WA # 0-201 Ringwood Biological Sampling
(Results are Based on Dry Weight)

Method: REAC SOP 1801

Sample No.	0-0201-0028		0-0201-0029		0-0201-0030		0-0201-0031	
Location	Sed 3-AD		Sed 3-B		Sed 3-C		Sed 4-A	
% Solid	54		78		81		77	
Analyte	Result µg/kg	RL µg/kg	Result µg/kg	RL µg/kg	Result µg/kg	RL µg/kg	Result µg/kg	RL µg/kg
AROCLOR 1016	U	77.2	U	53.4	U	51.4	U	54.1
AROCLOR 1221	U	154.0	U	107	U	103	U	108
AROCLOR 1232	U	77.2	U	53.4	U	51.4	U	54.1
AROCLOR 1242	U	77.2	U	53.4	U	51.4	U	54.1
AROCLOR 1248	U	77.2	U	53.4	U	51.4	U	54.1
AROCLOR 1254	U	77.2	17.8 J	53.4	U	51.4	U	54.1
AROCLOR 1260	U	77.2	U	53.4	U	51.4	U	54.1
AROCLOR 1268	U	77.2	U	53.4	U	51.4	U	54.1

Table 1.3 (cont) Results of the Analysis for PCBs in Soil
WA # 0-201 Ringwood Biological Sampling
(Results are Based on Dry Weight)

Method: REAC SOP 1801

Sample No.	0-0201-0033		0-0201-0034	
Location	Sed 4-C		Field Blank	
% Solid	49		100	
Analyte	Result µg/kg	RL µg/kg	Result µg/kg	RL µg/kg
AROCLOR 1016	U	85.0	U	41.7
AROCLOR 1221	U	170	U	83.3
AROCLOR 1232	U	85.0	U	41.7
AROCLOR 1242	U	85.0	U	41.7
AROCLOR 1248	U	85.0	U	41.7
AROCLOR 1254	U	85.0	U	41.7
AROCLOR 1260	U	85.0	U	41.7
AROCLOR 1268	U	85.0	U	41.7

Table 1.3 (cont) Results of the Analysis for PCBs in Soil
WA # 0-201 Ringwood Biological Sampling
(Results are Based on Dry Weight)

Method: REAC SOP 1801

Sample No.	SBLK101006		0-0201-0032	
Location	-		Sed 4-B	
% Solid	100		81	
Analyte	Result µg/kg	RL µg/kg	Result µg/kg	RL µg/kg
AROCLOR 1016	U	85.0	U	41.7
AROCLOR 1221	U	170	U	83.3
AROCLOR 1232	U	85.0	U	41.7
AROCLOR 1242	U	85.0	U	41.7
AROCLOR 1248	U	85.0	U	41.7
AROCLOR 1254	U	85.0	U	41.7
AROCLOR 1260	U	85.0	U	41.7
AROCLOR 1268	U	85.0	U	41.7

Table 1.4 Results of the Analysis for PCBs in Water
WA # 0-201 Ringwood Biological Sampling

Method: REAC SOP 1801

Sample No.	WBLK100206		0-0201-0035		0-0201-0036		0-0201-0037		0-0201-0038	
Location	-		Loc 1		Loc 3		Loc 3D		Loc 4	
Analyte	Result µg/L	RL µg/L	Result µg/L	RL µg/L	Result µg/L	RL µg/L	Result µg/L	RL µg/L	Result µg/L	RL µg/L
AROCLOR 1016	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250
AROCLOR 1221	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500
AROCLOR 1232	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250
AROCLOR 1242	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250
AROCLOR 1248	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250
AROCLOR 1254	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250
AROCLOR 1260	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250
AROCLOR 1268	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250

Table 1.4 (cont) Results of the Analysis for PCBs in Water
WA # 0-201 Ringwood Biological Sampling

Method: REAC SOP 1801

Sample No.	0-0201-0039	
Location	Field Blank	
% Solid		
Analyte	Result µg/L	RL µg/L
AROCLOR 1016	U	0.313
AROCLOR 1221	U	0.625
AROCLOR 1232	U	0.313
AROCLOR 1242	U	0.313
AROCLOR 1248	U	0.313
AROCLOR 1254	U	0.313
AROCLOR 1260	U	0.313
AROCLOR 1268	U	0.313

Table 1.5 Results of the Analysis for Metals in Soil
WA # 0-201 Ringwood Biological Sampling
Results Based on Dry Weight

Method REAC SOP 1811

Sample No.	Method Blank		0-0201-0001		0-0201-0002		0-0201-0003		0-0201-0004		0-0201-0005	
Location	Lab		1-1-4		1-1-9		1-2-4		1-3-5		1-4-2	
% Solids	NA		55		77		52		62		60	
Analyte	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg
Aluminum	U	20.0	13100	30.3	10800	24.7	11500	31.0	10800	30.7	15400	159
Antimony	U	1.40	U	2.12	U	1.73	U	2.17	U	2.15	U	11.1
Arsenic	U	1.50	6.83	2.27	7.80	1.86	7.85	2.33	4.77	2.30	U	11.9
Barium	U	0.400	111	J- 0.606	54.9	J- 0.495	49.3	J- 0.620	51.7	J- 0.614	124	J- 3.17
Beryllium	U	0.300	0.612	0.455	U	0.371	U	0.465	U	0.461	U	2.38
Cadmium	U	0.400	0.784	0.606	0.502	0.495	U	0.620	U	0.614	U	3.17
Calcium	U	9.90	3610	15.0	2380	12.2	3100	15.4	3250	15.2	8190	78.6
Chromium	U	0.500	23.5	0.758	13.0	0.618	18.3	0.775	11.5	0.768	18.0	3.97
Cobalt	U	0.400	5.35	J 0.606	4.22	0.495	5.89	0.620	4.87	0.614	10.1	3.17
Copper	U	0.400	27.9	0.606	18.1	0.495	21.8	0.620	14.5	0.614	29.0	3.17
Iron	U	15.0	20100	22.7	15500	18.6	21000	23.3	15600	23.0	27100	119
Lead	U	1.00	118	1.52	118	1.24	179	1.55	48.7	1.54	54.3	7.94
Magnesium	U	20.0	2210	30.3	1420	24.7	2050	31.0	1980	30.7	3730	159
Manganese	U	0.400	216	0.606	173	0.495	213	0.620	143	0.614	593	3.17
Nickel	U	0.600	17.4	J 0.909	11.5	0.742	13.2	0.931	11.2	0.922	23.3	4.76
Potassium	U	25.0	490	37.9	451	30.9	446	38.8	508	38.4	838	198
Selenium	U	1.30	U	1.97	U	1.61	U	2.02	U	2.00	U	10.3
Silver	U	0.500	U	0.758	U	0.618	U	0.775	U	0.768	U	3.97
Sodium	U	100	U	152	U	124	U	155	U	154	U	794
Thallium	U	1.70	U	J 2.58	U	J 2.10	U	J 2.64	U	J 2.61	U	J 13.5
Vanadium	U	0.400	46.6	0.606	36.5	0.495	56.1	0.620	31.0	0.614	47.6	3.17
Zinc	U	2.30	76.7	3.48	78.6	2.84	60.7	3.57	50.8	3.53	122	18.3

Table 1.5 (cont.) Results of the Analysis for Metals in Soil
WA # 0-201 Ringwood Biological Sampling
Results Based on Dry Weight

Method REAC SOP 1811

Sample No.	0-0201-0006		0-0201-0007		0-0201-0008		0-0201-0009		0-0201-0010		0-0201-0011	
Location	1-4-2D		2-1-3		2-2-3		2-2-15		2-3-4		2-3-8	
% Solids	60		94		89		81		87		78	
Analyte	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg
Aluminum	15200	159	9620	101	9760	107	17200	23.5	11200	109	11600	121
Antimony	U	11.1	U	7.09	U	7.49	U	1.65	23.8	7.66	U	8.47
Arsenic	U	11.9	U	7.60	U	8.03	4.08	1.76	17.9	8.21	14.4	9.07
Barium	125	J- 3.17	81.7	J- 2.03	395	J- 2.14	45.8	J- 0.470	1980	J- 2.19	121	J- 2.42
Beryllium	U	2.38	U	1.52	U	1.61	0.647	0.353	U	1.64	U	1.81
Cadmium	U	3.17	U	2.03	U	2.14	U	0.470	U	2.19	U	2.42
Calcium	8170	78.6	5920	50.2	5800	53.0	649	11.6	6770	54.2	12800	59.9
Chromium	17.6	3.97	19.9	2.53	31.9	2.68	17.5	0.588	85.5	2.74	21.3	3.02
Cobalt	10.1	3.17	13.5	2.03	12.4	2.14	7.38	0.470	15.3	2.19	13.5	J 2.42
Copper	28.9	3.17	76.8	2.03	36.3	2.14	16.9	0.470	68.2	2.19	49.2	2.42
Iron	27100	119	25800	76.0	24800	80.3	19500	17.6	28300	82.1	33700	90.7
Lead	53.7	7.94	47.3	5.07	533	5.35	12.3	1.18	2410	5.47	193	6.05
Magnesium	3650	159	5290	101	4340	107	2650	23.5	5830	109	5480	121
Manganese	594	3.17	454	2.03	504	2.14	235	0.470	543	2.19	491	2.42
Nickel	23.1	4.76	22.6	3.04	21.6	J 3.21	18.2	0.705	53.2	3.28	24.1	J 3.63
Potassium	841	198	1400	127	1560	134	693	29.4	1520	137	1600	151
Selenium	U	10.3	U	6.59	U	6.96	U	1.53	U	7.12	U	7.86
Silver	U	3.97	U	2.53	U	2.68	U	0.588	U	2.74	U	3.02
Sodium	U	794	U	507	U	535	U	118	U	547	U	605
Thallium	U	J 13.5	U	J 8.61	U	J 9.10	U	J 2.00	U	J 9.30	U	J 10.3
Vanadium	47.1	3.17	44.2	2.03	37.4	2.14	25.0	0.470	48.3	2.19	59.1	2.42
Zinc	123	18.3	108	11.7	85.2	12.3	57.6	2.70	271	12.6	435	13.9

Table 1.5 (cont.) Results of the Analysis for Metals in Soil
WA # 0-201 Ringwood Biological Sampling
Results Based on Dry Weight

Method REAC SOP 1811

Sample No.	0-0201-0012		0-0201-0013		0-0201-0014		0-0201-0015		0-0201-0016		0-0201-0017	
Location	3-1-3		3-1-3D		3-1-12		3-3-2		3-4-10		3-4-13	
% Solids	78		78		61		59		50		67	
Analyte	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg
Aluminum	10000	24.2	9700	24.4	14500	30.6	10100	28.0	16500	33.1	8710	28.4
Antimony	U	1.69	U	1.71	U	2.14	U	1.96	U	2.31	U	1.99
Arsenic	3.72	1.81	3.62	1.83	10.6	2.30	5.13	2.10	7.65	2.48	8.93	2.13
Barium	82.0 J-	0.484	78.7 J-	0.488	59.7 J-	0.613	126 J-	0.56	83.3 J-	0.661	38.4 J-	0.569
Beryllium	0.726	0.363	0.687	0.366	U	0.460	0.520	0.420	1.29	0.496	U	0.426
Cadmium	0.581	0.484	0.577	0.488	U	0.613	0.714	0.56	0.664	0.661	U	0.569
Calcium	2520	12.0	2550	12.1	1040	15.2	6070	13.9	3450	16.4	1650	14.1
Chromium	13.1	0.605	12.6	0.611	15.4	0.766	23.2	0.700	19.6	0.826	13.4	0.711
Cobalt	9.43	0.484	9.13	0.488	6.39	0.613	9.75	0.56	9.90	0.661	3.61	0.569
Copper	30.4	0.484	29.7	0.488	25.8	0.613	34.7	0.56	30.5	0.661	18.7	0.569
Iron	16100	18.1	14800	18.3	17700	23.0	18200	21.0	18000	24.8	13000	21.3
Lead	37.5	1.21	37.2	1.22	113	1.53	116	1.40	150	1.65	116	1.42
Magnesium	2030	24.2	1920	24.4	1610	30.6	3420	28.0	2070	33.1	1280	28.4
Manganese	889	0.484	872	0.488	601	0.613	570	0.56	1340	0.661	113	0.569
Nickel	13.9	0.726	13.3	0.733	13.3	0.919	15.8	0.840	16.5	0.992	9.00	0.853
Potassium	642	30.2	575	30.5	580	38.3	941	35.0	657	41.3	605	35.5
Selenium	U	1.57	U	1.59	U	1.99	U	1.82	U	2.15	U	1.85
Silver	U	0.605	U	0.611	U	0.766	U	0.700	U	0.826	U	0.711
Sodium	U	121	U	122	U	153	U	140	U	165	U	142
Thallium	U J	2.06	U J	2.08	U J	2.60	U J	2.38	U J	2.81	U J	2.42
Vanadium	31.4	0.484	29.7	0.488	46.0	0.613	27.3	0.56	48.1	0.661	42.1	0.569
Zinc	68.6	2.78	65.9	2.81	63.4	3.52	106	3.22	92.0	3.80	53.9	3.27

Table 1.5 (cont.) Results of the Analysis for Metals in Soil
WA # 0-201 Ringwood Biological Sampling
Results Based on Dry Weight

Method REAC SOP 1811

Sample No.	0-0201-0018		0-0201-0019		0-0201-0020	
Location	4-1-4		4-1-12		4-2-1	
% Solids	76		68		74	
Analyte	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg
Aluminum	14200	24.4	18200	27.5	8810	21.8
Antimony	U	1.71	U	1.92	U	1.53
Arsenic	5.60	1.83	5.08	2.06	2.84	1.63
Barium	56.3 J-	0.487	85.9 J-	0.55	42.5 J-	0.436
Beryllium	0.614	0.365	0.838	0.412	0.412	0.327
Cadmium	U	0.487	0.588	0.55	U	0.436
Calcium	1120	12.1	4060	13.6	2030	10.8
Chromium	19.3	0.609	27.1	0.687	15.0	0.545
Cobalt	7.54	0.487	8.26 J	0.550	6.66	0.436
Copper	15.3	0.487	17.9	0.550	16.0	0.436
Iron	18700	18.3	23000	20.6	14400	16.3
Lead	32.6	1.22	36.6	1.37	17.8	1.09
Magnesium	2440	24.4	2840	27.5	2460	21.8
Manganese	418	0.487	913	0.550	643	0.436
Nickel	14.7	0.731	19.0 J	0.825	14.8	0.654
Potassium	545	30.5	854	34.4	601	27.2
Selenium	U	1.58	U	1.79	U	1.42
Silver	U	0.609	U	0.687	U	0.545
Sodium	U	122	U	137	U	109
Thallium	U J	2.07	U J	2.34	U J	1.85
Vanadium	33.0	0.487	51.3	0.55	25.3	0.436
Zinc	61.1	2.80	79.3	3.16	48.3	2.51

Table 1.5 (cont.) Results of the Analysis for Metals in Soil
WA # 0-201 Ringwood Biological Sampling
Results Based on Dry Weight

Method REAC SOP 1811

Sample No.	Method Blank		0-0201-0021		0-0201-0022		0-0201-0023		0-0201-0024		0-0201-0025	
Location	Lab		4-2-10		4-3-6		Field Blank		Sed 1-A		Sed 1-B	
% Solids	NA		81		75		100		51		60	
Analyte	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg
Aluminum	U	20.0	10100	22.4	12000	22.6	40.7	20.0	13100	145	7360	20.8
Antimony	U	1.40	U	1.57	U	1.58	U	1.40	U	10.2	U	14.6
Arsenic	U	1.50	3.20	1.68	3.40	1.69	U	1.50	21.8	10.9	22.6	15.6
Barium	U	0.400	38.0 J+	0.449	43.9 J+	0.452	0.573 J+	0.400	70.1 J+	2.90	51.6 J+	4.17
Beryllium	U	0.300	0.469	0.337	0.516	0.339	U	0.300	U	2.18	U	3.12
Cadmium	U	0.400	U	0.449	U	0.452	U	0.400	U	2.90	U	4.17
Calcium	U	9.90	1570	11.1	1060	11.2	76.7	9.90	16700	71.9	18800	103
Chromium	U	0.500	16.4	0.561	19.5	0.565	U	0.500	17.5	3.63	16.2	5.21
Cobalt	U	0.400	6.14	0.449	7.72	0.452	U	0.400	10.7 J	2.9	8.89 J	4.17
Copper	U	0.400	16.3	0.449	18.2	0.452	U	0.400	19.3	2.90	23.3	4.17
Iron	U	15.0	16600	16.8	17600	16.9	52.8	15.0	29900	109	53000	156
Lead	U	1.00	26.3	1.12	15.0	1.13	U	1.00	30.3	7.26	26.1	10.4
Magnesium	U	20.0	2420	22.4	2790	22.6	U	20.0	4720	145	40.0	208
Manganese	U	0.400	340	0.449	455	0.452	3.42	0.400	395	2.90	344	4.17
Nickel	U	0.600	13.6	0.673	17.6	0.678	U	0.600	21.5 J	2.9	19.0	12.5
Potassium	U	25.0	639	28.1	752	28.2	U	25.0	726	182	470	260
Selenium	U	1.30	U	1.46	U	1.47	U	1.30	U	9.44	U	13.5
Silver	U	0.500	U	0.561	U	0.565	U	0.500	U	3.63	U	5.21
Sodium	U	100	U	112	U	113	U	100	U	726	U	1040
Thallium	U	1.70	U	1.91	U	1.92	U	1.70	U	12.3	U	17.7
Vanadium	U	0.400	30.3	0.449	29.7	0.452	U	0.400	50.1	2.90	60.8	4.17
Zinc	U	2.30	40.2 J+	2.58	43.7 J+	2.60	U	2.30	91.7 J+	16.7	83.4 J+	24.0

Table 1.5 (cont.) Results of the Analysis for Metals in Soil
WA # 0-201 Ringwood Biological Sampling
Results Based on Dry Weight

Method REAC SOP 1811

Sample No.	0-0201-0026		0-0201-0027		0-0201-0028		0-0201-0029		0-0201-0030		0-0201-0031	
Location	Sed 1-C		Sed 3-A		Sed 3-AD		Sed 3-B		Sed 3-C		Sed 4-A	
% Solids	52		60		54		78		81		77	
Analyte	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg
Aluminum	11000	271	9740	25.6	10500	28.5	6110	19.0	3120	17.4	5260	17.3
Antimony	U	19.0	U	1.79	U	1.99	U	1.33	U	1.22	U	1.21
Arsenic	U	20.4	2.79	1.92	3.19	2.14	2.41	1.42	1.58	1.30	1.62	1.30
Barium	82.3 J+	5.42	70.4 J+	0.513	91.4 J+	0.57	45.6 J+	0.380	17.9 J+	0.348	18.8 J+	0.346
Beryllium	U	4.06	0.805	0.385	0.878	0.427	0.384	0.285	0.376	0.261	0.286	0.260
Cadmium	U	5.42	U	0.513	U	0.57	U	0.380	U	0.348	U	0.346
Calcium	15800	134	1740 J+	12.7	1930 J+	14.1	603 J+	9.40	548 J+	8.61	2020 J+	8.57
Chromium	17.4	6.78	12.9	0.641	13.5	0.712	8.86	0.475	5.63	0.435	12.0	0.433
Cobalt	8.96	21.7	8.37	0.513	9.17	0.57	5.14	0.380	3.57	0.348	5.06	0.346
Copper	32.4	5.42	30.2	0.513	33.8	0.57	9.82	0.380	8.26	0.348	11.0	0.346
Iron	29500	203	16400	19.2	17000	21.4	12500	14.2	10300	13.0	12400	13.0
Lead	28.7	13.5	20.9	1.28	23.4	1.42	15.0	0.950	7.31	0.869	5.83	0.866
Magnesium	3810	271	1980	25.6	1960	28.5	2160	19.0	877	17.4	2410	17.3
Manganese	188	5.42	571	0.513	729	0.57	166	0.380	148	0.348	111	0.346
Nickel	19.5	8.12	13.5	0.769	14.4	0.855	8.76	0.57	5.20	0.522	10.7	0.519
Potassium	684	339	563	32.1	570	35.6	768	23.7	239	21.7	426	21.6
Selenium	U	17.60	U	1.67	U	1.85	U	1.23	U	1.13	U	1.13
Silver	U	6.78	U	0.641	U	0.712	U	0.475	U	0.435	U	0.433
Sodium	U	1350	U	128	U	142	U	95.0	U	86.9	91.4	86.6
Thallium	U	23.0	U	2.18	U	2.42	U	1.61	U	1.48	U	1.47
Vanadium	45.2	5.42	30.3	0.513	31.5	0.57	19.0	0.380	15.5	0.348	17.7	0.346

Zinc	102 J+ 31.2	51.8 J+ 2.95	56.4 J+ 3.28	27.3 J+ 2.18	26.0 J+ 2.00	40.8 J+ 1.99

Table 1.5 (cont.) Results of the Analysis for Metals in Soil
WA # 0-201 Ringwood Biological Sampling
Results Based on Dry Weight

Method REAC SOP 1811

Sample No.	0-0201-0032		0-0201-0033		0-0201-0034	
Location	Sed 4-B		Sed 4-C		Field Blank	
% Solids	81		49		100	
Analyte	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg
Aluminum	4330	16.9	9470	29.8	45.5	20.0
Antimony	U	1.18	U	2.09	U	1.40
Arsenic	2.77	1.27	2.72	2.23	U	1.50
Barium	38.5	0.338	44.1	0.596	0.594	0.400
Beryllium	0.289	0.254	0.456	0.447	U	0.300
Cadmium	U	0.338	U	0.596	U	0.400
Calcium	1360 J+	8.37	4450	14.7	313	9.90
Chromium	8.73	0.423	17.3	0.745	U	0.500
Cobalt	5.06	0.338	7.02	0.596	U	0.400
Copper	7.21	0.338	21.9	0.596	U	0.400
Iron	13200	12.7	14000	22.3	65.0	15.0
Lead	6.37	0.846	19.9	1.49	U	1.00
Magnesium	1770	16.9	3840	29.8	U	20.0
Manganese	1000	0.338	254	0.596	3.57	0.400
Nickel	8.72	0.507	17.4	0.894	U	0.600
Potassium	326	21.1	874	37.2	U	25.0
Selenium	U	1.10	U	1.94	U	1.30
Silver	U	0.423	U	0.745	U	0.500
Sodium	U	84.6	U	149	U	100
Thallium	U	1.44	U	2.53	U	1.70
Vanadium	15.5	0.338	34.0	0.596	U	0.400
Zinc	46.9	1.94	75.6	3.43	U	2.30

Table 1.6 Results of the Analysis for Metals in Water
WA # 0-201 Ringwood Biological Sampling

Method REAC SOP 1811/1818

Sample No.	Method Blank		0-0201-0035		0-0201-0036		0-0201-0037		0-0201-0038		0-0201-0039	
Location	Lab		Loc 1		Loc 3		Loc 3D		Loc 4		Field Blank	
Analyte	Result µg/L	RL µg/L	Result µg/L	RL µg/L	Result µg/L	RL µg/L	Result µg/L	RL µg/L	Result µg/L	RL µg/L	Result µg/L	RL µg/L
Aluminum	U	50.0	112	50.0	75.0	50.0	109	50.0	U	50.0	U	50.0
Antimony	U	14.0	U	14.0	U	14.0	U	14.0	U	14.0	U	14.0
Arsenic	U	16.0	U	16.0	U	16.0	U	16.0	U	16.0	U	16.0
Barium	U	2.00	7.57	2.00	9.12	2.00	9.53	2.00	6.17	2.00	U	2.00
Beryllium	U	2.00	U	2.00	U	2.00	U	2.00	U	2.00	U	2.00
Cadmium	U	3.00	U	3.00	U	3.00	U	3.00	U	3.00	U	3.00
Calcium	U	60.0	6950	60.0	4440	60.0	4490	60.0	11400	60.0	U	60.0
Chromium	U	3.00	U	3.00	U	3.00	U	3.00	U	3.00	U	3.00
Cobalt	U	3.00	U	3.00	U	3.00	U	3.00	U	3.00	U	3.00
Copper	U	4.00	U	4.00	U	4.00	U	4.00	U	4.00	U	4.00
Iron	U	25.0	249	25.0	72.0	25.0	103	25.0	161	25.0	U	25.0
Lead*	U	2.78	U	2.78	U	2.78	U	2.78	U	2.78	U	2.78
Magnesium	U	160	2130	160	1710	160	1730	160	3320	160	U	160
Manganese	U	2.00	54.3	2.00	6.31	2.00	9.03	2.00	37.1	2.00	U	2.00
Nickel	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Potassium	U	200	401	200	482	200	499	200	636	200	U	200
Selenium*	U	2.78	U	2.78	U	2.78	U	2.78	U	2.78	U	2.78
Silver	U	4.00	U	4.00	U	4.00	U	4.00	U	4.00	U	4.00
Sodium	U	1200	2700	1200	3130	1200	3150	1200	7770	1200	U	1200
Thallium	U	16.0	U	16.0	U	16.0	U	16.0	U	16.0	U	16.0
Vanadium	U	3.00	U	3.00	U	3.00	U	3.00	U	3.00	U	3.00
Zinc	U	6.00	20.7	6.00	U	6.00	U	6.00	U	6.00	U	6.00

* Analyzed by REAC SOP 1818 (graphite furnace)