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Appendix B

Soil Analytical Results

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engineers & scientists

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4A RAA4-E15 0-1 06/07/02	4A RAA4-G5 0-1 06/11/02	4A RAA4-G7 6-15 07/02/02	4A RAA4-G7 10-12 07/02/02	4A RAA4-G11 1-3 06/28/02
Volatile Organics						
1,1,1,2-Tetrachloroethane		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
1,1,1-Trichloroethane		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
1,1,2,2-Tetrachloroethane		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
1,1,2-Trichloroethane		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
1,1-Dichloroethane		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
1,1-Dichloroethene		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
1,2,3-Trichloropropane		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
1,2-Dibromo-3-chloropropane		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052) J
1,2-Dibromoethane		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
1,2-Dichloroethane		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
1,2-Dichloropropane		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
1,4-Dioxane		ND(0.11) J	ND(0.11)	NS	ND(0.12) J	ND(0.10)
2-Butanone		ND(0.011)	ND(0.011)	NS	ND(0.012)	ND(0.010)
2-Chloro-1,3-butadiene		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
2-Chloroethylvinylether		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
2-Hexanone		ND(0.011)	ND(0.011)	NS	ND(0.012)	ND(0.010)
3-Chloropropene		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
4-Methyl-2-pentanone		ND(0.011)	ND(0.011)	NS	ND(0.012)	ND(0.010)
Acetone		ND(0.021)	ND(0.023)	NS	ND(0.024)	ND(0.021)
Acetonitrile		ND(0.11)	ND(0.11)	NS	ND(0.12)	ND(0.10)
Acrolein		ND(0.11) J	ND(0.11)	NS	ND(0.12) J	ND(0.10) J
Acrylonitrile		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Benzene		ND(0.00530)	ND(0.0057)	NS	ND(0.00590)	ND(0.00520)
Bromodichloromethane		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Bromoform		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Bromomethane		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Carbon Disulfide		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Carbon Tetrachloride		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Chlorobenzene		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Chloroethane		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Chloroform		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Chloromethane		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
cis-1,3-Dichloropropene		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Dibromochloromethane		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Dibromomethane		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Dichlorodifluoromethane		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Ethyl Methacrylate		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Ethylbenzene		ND(0.00530)	ND(0.0057)	NS	ND(0.00590)	ND(0.00520)
Iodomethane		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Isobutanol		ND(0.11)	ND(0.11)	NS	ND(0.12)	ND(0.10)
Methacrylonitrile		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Methyl Methacrylate		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Methylene Chloride		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Propionitrile		ND(0.011)	ND(0.011)	NS	ND(0.012)	ND(0.010) J
Styrene		ND(0.00530)	ND(0.0057)	NS	ND(0.00590)	ND(0.00520)
Tetrachloroethene		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Toluene		ND(0.00530)	ND(0.0057)	NS	ND(0.00590)	ND(0.00520)
trans-1,2-Dichloroethene		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
trans-1,3-Dichloropropene		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
trans-1,4-Dichloro-2-butene		ND(0.0053)	ND(0.0057)	NS	ND(0.0059) J	ND(0.0052)
Trichloroethene		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Trichlorofluoromethane		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Vinyl Acetate		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Vinyl Chloride		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Xylenes (total)		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Averaging Area:	4A	4A	4A	4A	4A
Sample ID:	RAA4-E15	RAA4-G5	RAA4-G7	RAA4-G7	RAA4-G11
Sample Depth(Feet):	0-1	0-1	6-15	10-12	1-3
Date Collected:	06/07/02	06/11/02	07/02/02	07/02/02	06/28/02
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
1,2,4-Trichlorobenzene	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
1,2-Dichlorobenzene	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
1,2-Diphenylhydrazine	ND(0.35)	ND(0.61)	ND(0.43)	NS	NS
1,3,5-Trinitrobenzene	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
1,3-Dichlorobenzene	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
1,3-Dinitrobenzene	ND(0.710)	ND(0.760)	ND(0.790)	NS	NS
1,4-Dichlorobenzene	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
1,4-Naphthoquinone	ND(0.710)	ND(0.760)	ND(0.790)	NS	NS
1-Naphthylamine	ND(0.710)	ND(0.760)	ND(0.790)	NS	NS
2,3,4,6-Tetrachlorophenol	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
2,4,5-Trichlorophenol	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
2,4,6-Trichlorophenol	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
2,4-Dichlorophenol	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
2,4-Dimethylphenol	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
2,4-Dinitrophenol	ND(1.80)	ND(3.00)	ND(2.20)	NS	NS
2,4-Dinitrotoluene	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
2,6-Dichlorophenol	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
2,6-Dinitrotoluene	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
2-Acetylaminofluorene	ND(0.710)	ND(0.760)	ND(0.790)	NS	NS
2-Chloronaphthalene	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
2-Chlorophenol	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
2-Methylnaphthalene	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
2-Methylphenol	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
2-Naphthylamine	ND(0.710)	ND(0.760)	ND(0.790)	NS	NS
2-Nitroaniline	ND(1.80)	ND(3.00)	ND(2.20)	NS	NS
2-Nitrophenol	ND(0.710)	ND(0.760)	ND(0.790)	NS	NS
2-Picoline	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
3&4-Methylphenol	ND(0.710)	ND(0.760)	ND(0.790)	NS	NS
3,3'-Dichlorobenzidine	ND(0.710)	ND(1.20)	ND(0.86) J	NS	NS
3,3'-Dimethylbenzidine	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
3-Methylcholanthrene	ND(0.710)	ND(0.760)	ND(0.790)	NS	NS
3-Nitroaniline	ND(1.80)	ND(3.00)	ND(2.20)	NS	NS
4,6-Dinitro-2-methylphenol	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
4-Aminobiphenyl	ND(0.710)	ND(0.760)	ND(0.790)	NS	NS
4-Bromophenyl-phenylether	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
4-Chloro-3-Methylphenol	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
4-Chloroaniline	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
4-Chlorobenzilate	ND(0.710)	ND(0.760)	ND(0.790)	NS	NS
4-Chlorophenyl-phenylether	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
4-Nitroaniline	ND(1.8) J	ND(1.90)	ND(2.00)	NS	NS
4-Nitrophenol	ND(1.80)	ND(3.00)	ND(2.20)	NS	NS
4-Nitroquinoline-1-oxide	ND(0.710)	ND(0.760)	ND(0.790)	NS	NS
4-Phenylenediamine	ND(0.71) J	ND(0.76) J	ND(0.79) J	NS	NS
5-Nitro-o-toluidine	ND(0.710)	ND(0.760)	ND(0.790)	NS	NS
7,12-Dimethylbenz(a)anthracene	ND(0.710)	ND(0.760)	ND(0.790)	NS	NS
a,a'-Dimethylphenethylamine	ND(0.710)	ND(0.760)	ND(0.790)	NS	NS
Acenaphthene	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
Acenaphthylene	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
Acetophenone	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
Aniline	ND(0.350)	2.50	ND(0.430)	NS	NS
Anthracene	ND(0.350)	0.150 J	ND(0.430)	NS	NS
Aramite	ND(0.710)	ND(0.760)	ND(0.790)	NS	NS
Benzidine	ND(0.71) J	ND(1.2) J	ND(0.86) J	NS	NS
Benzo(a)anthracene	ND(0.350)	0.870	ND(0.430)	NS	NS
Benzo(a)pyrene	ND(0.350)	1.00	ND(0.430)	NS	NS
Benzo(b)fluoranthene	ND(0.350)	1.10	ND(0.430)	NS	NS
Benzo(g,h,i)perylene	ND(0.350)	0.980	ND(0.430)	NS	NS
Benzo(k)fluoranthene	ND(0.350)	0.960	ND(0.430)	NS	NS
Benzyl Alcohol	ND(0.710)	ND(1.20)	ND(0.860)	NS	NS
bis(2-Chloroethoxy)methane	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
bis(2-Chloroethyl)ether	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
bis(2-Chloroisopropyl)ether	ND(0.350)	ND(0.61) J	ND(0.430)	NS	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:				
	4A / RAA4-E15 / 0-1 / 06/07/02	4A / RAA4-G5 / 0-1 / 06/11/02	4A / RAA4-G7 / 6-15 / 07/02/02	4A / RAA4-G7 / 10-12 / 07/02/02	4A / RAA4-G11 / 1-3 / 06/28/02
Semivolatile Organics (continued)					
bis(2-Ethylhexyl)phthalate	ND(0.350)	0.590	ND(0.390)	NS	NS
Butylbenzylphthalate	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
Chrysene	ND(0.350)	1.10	ND(0.430)	NS	NS
Diallate	ND(0.710)	ND(0.760)	ND(0.790)	NS	NS
Dibenzo(a,h)anthracene	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
Dibenzofuran	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
Diethylphthalate	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
Dimethylphthalate	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
Di-n-Butylphthalate	ND(0.350)	0.270 J	ND(0.430)	NS	NS
Di-n-Octylphthalate	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
Diphenylamine	ND(0.35)	ND(0.61)	ND(0.43)	NS	NS
Ethyl Methanesulfonate	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
Fluoranthene	ND(0.350)	2.10	ND(0.430)	NS	NS
Fluorene	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
Hexachlorobenzene	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
Hexachlorobutadiene	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
Hexachlorocyclopentadiene	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
Hexachloroethane	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
Hexachlorophene	ND(0.71)	ND(1.2)	ND(0.86)	NS	NS
Hexachloropropene	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
Indeno(1,2,3-cd)pyrene	ND(0.350)	0.670	ND(0.430)	NS	NS
Isodrin	ND(0.35)	ND(0.61)	ND(0.43)	NS	NS
Isophorone	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
Isosafrole	ND(0.710)	ND(0.760)	ND(0.790)	NS	NS
Methapyrilene	ND(0.710)	ND(0.760)	ND(0.790)	NS	NS
Methyl Methanesulfonate	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
Naphthalene	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
Nitrobenzene	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
N-Nitrosodiethylamine	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
N-Nitrosodimethylamine	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
N-Nitroso-di-n-butylamine	ND(0.710)	ND(0.760)	ND(0.790)	NS	NS
N-Nitroso-di-n-propylamine	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
N-Nitrosodiphenylamine	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
N-Nitrosomethylethylamine	ND(0.710)	ND(0.760)	ND(0.790)	NS	NS
N-Nitrosomorpholine	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
N-Nitrosopiperidine	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
N-Nitrosopyrrolidine	ND(0.710)	ND(0.760)	ND(0.790)	NS	NS
o,o,o-Triethylphosphorothioate	ND(0.35)	ND(0.61)	ND(0.43)	NS	NS
o-Toluidine	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
p-Dimethylaminoazobenzene	ND(0.710)	ND(0.760)	ND(0.790)	NS	NS
Pentachlorobenzene	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
Pentachloroethane	ND(0.35)	ND(0.61)	ND(0.43)	NS	NS
Pentachloronitrobenzene	ND(0.710)	ND(0.760)	ND(0.790)	NS	NS
Pentachlorophenol	ND(1.80)	ND(3.00)	ND(2.20)	NS	NS
Phenacetin	ND(0.710)	ND(0.760)	ND(0.790)	NS	NS
Phenanthrene	ND(0.350)	0.930	ND(0.430)	NS	NS
Phenol	ND(0.350)	0.180 J	ND(0.430)	NS	NS
Pronamide	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
Pyrene	ND(0.350)	1.70	ND(0.430)	NS	NS
Pyridine	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
Safrole	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
Thionazin	ND(0.35)	ND(0.61)	ND(0.43)	NS	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Averaging Area:	4A	4A	4A	4A	4A
Sample ID:	RAA4-E15	RAA4-G5	RAA4-G7	RAA4-G7	RAA4-G11
Sample Depth(Feet):	0-1	0-1	6-15	10-12	1-3
Date Collected:	06/07/02	06/11/02	07/02/02	07/02/02	06/28/02
Furans					
2,3,7,8-TCDF	0.0000023 Y	0.000076 Y	0.00000015 J	NS	NS
TCDFs (total)	0.000030	0.00086 Q	0.00000025	NS	NS
1,2,3,7,8-PeCDF	0.0000015 JQ	0.000042	ND(0.00000026)	NS	NS
2,3,4,7,8-PeCDF	0.0000086 Q	0.00010	ND(0.00000026)	NS	NS
PeCDFs (total)	0.00014 Q	0.0015 QI	ND(0.00000026)	NS	NS
1,2,3,4,7,8-HxCDF	0.0000033	0.000079	ND(0.00000026)	NS	NS
1,2,3,6,7,8-HxCDF	0.0000033 Q	0.000053	ND(0.00000026)	NS	NS
1,2,3,7,8,9-HxCDF	0.00000098 J	0.000013	ND(0.00000026)	NS	NS
2,3,4,6,7,8-HxCDF	0.000011	0.00013	ND(0.00000026)	NS	NS
HxCDFs (total)	0.00017 Q	0.0018 I	ND(0.00000026)	NS	NS
1,2,3,4,6,7,8-HpCDF	0.0000084	0.00017	ND(0.00000010) X	NS	NS
1,2,3,4,7,8,9-HpCDF	0.0000010 J	0.000019	ND(0.00000026)	NS	NS
HpCDFs (total)	0.000023	0.00040	ND(0.00000026)	NS	NS
OCDF	0.0000044 J	0.00012	ND(0.00000053)	NS	NS
Dioxins					
2,3,7,8-TCDD	ND(0.00000014)	0.0000010	ND(0.00000011)	NS	NS
TCDDs (total)	ND(0.00000014)	0.000022 Q	ND(0.00000037)	NS	NS
1,2,3,7,8-PeCDD	ND(0.00000026)	ND(0.0000037) X	ND(0.00000026)	NS	NS
PeCDDs (total)	ND(0.00000026)	0.000035	ND(0.00000043)	NS	NS
1,2,3,4,7,8-HxCDD	ND(0.00000028) XQ	0.0000051	ND(0.00000026)	NS	NS
1,2,3,6,7,8-HxCDD	0.00000042 JQ	0.000010	ND(0.00000026)	NS	NS
1,2,3,7,8,9-HxCDD	0.00000027 JQ	0.0000075	ND(0.00000026)	NS	NS
HxCDDs (total)	0.0000033 Q	0.000098	0.00000011	NS	NS
1,2,3,4,6,7,8-HpCDD	0.0000032	0.00011	0.00000054 J	NS	NS
HpCDDs (total)	0.0000068	0.00023	0.0000010	NS	NS
OCDD	0.000020 J	0.00068	0.000016	NS	NS
Total TEQs (WHO TEFs)	0.0000069	0.000095	0.00000037	NS	NS
Inorganics					
Antimony	1.40 B	61.0	ND(6.00)	NS	NS
Arsenic	1.70	3.10	3.00	NS	NS
Barium	ND(20.0)	38.0	ND(20.0) J	NS	NS
Beryllium	0.120 B	0.150 B	ND(0.500)	NS	NS
Cadmium	ND(0.500)	0.610	ND(0.500)	NS	NS
Chromium	2.90	16.0	6.20	NS	NS
Cobalt	ND(5.00)	13.0 J	5.70 J	NS	NS
Copper	9.50	83.0	26.0	NS	NS
Cyanide	ND(0.110)	ND(0.110)	ND(0.120)	NS	NS
Lead	4.40 J	86.0	4.90	NS	NS
Mercury	ND(0.110)	0.120	ND(0.120)	NS	NS
Nickel	6.10	20.0	9.10	NS	NS
Selenium	ND(1.00)	ND(1.00) J	ND(1.00)	NS	NS
Silver	ND(1.00)	ND(1.00)	ND(1.00) J	NS	NS
Sulfide	36.0	33.0	24.0	NS	NS
Thallium	ND(1.10)	ND(1.70) J	ND(1.80) J	NS	NS
Tin	ND(10.0)	ND(10.0)	4.00 B	NS	NS
Vanadium	ND(5.00)	12.0	6.70	NS	NS
Zinc	21.0	1100	40.0 J	NS	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4A RAA4-G11 1-6 06/28/02	4A RAA4-G14 1-6 07/08/02	4A RAA4-G17 0-1 06/07/02	4A RAA4-H3 6-15 06/11/02	4A RAA4-H7 1-2 06/13/02
Volatile Organics						
1,1,1,2-Tetrachloroethane		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
1,1,1-Trichloroethane		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
1,1,2,2-Tetrachloroethane		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
1,1,2-Trichloroethane		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
1,1-Dichloroethane		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
1,1-Dichloroethene		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
1,2,3-Trichloropropane		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
1,2-Dibromo-3-chloropropane		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
1,2-Dibromoethane		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
1,2-Dichloroethane		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
1,2-Dichloropropane		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
1,4-Dioxane		NS	NS	NS	NS	ND(0.11) J [ND(0.11) J]
2-Butanone		NS	NS	NS	NS	ND(0.011) [ND(0.011)]
2-Chloro-1,3-butadiene		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
2-Chloroethylvinylether		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
2-Hexanone		NS	NS	NS	NS	ND(0.011) [ND(0.011)]
3-Chloropropene		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
4-Methyl-2-pentanone		NS	NS	NS	NS	ND(0.011) [ND(0.011)]
Acetone		NS	NS	NS	NS	ND(0.022) J [ND(0.022) J]
Acetonitrile		NS	NS	NS	NS	ND(0.11) [ND(0.11)]
Acrolein		NS	NS	NS	NS	ND(0.11) J [ND(0.11) J]
Acrylonitrile		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Benzene		NS	NS	NS	NS	ND(0.00550) [ND(0.00550)]
Bromodichloromethane		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Bromoform		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Bromomethane		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Carbon Disulfide		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Carbon Tetrachloride		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Chlorobenzene		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Chloroethane		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Chloroform		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Chloromethane		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
cis-1,3-Dichloropropene		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Dibromochloromethane		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Dibromomethane		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Dichlorodifluoromethane		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Ethyl Methacrylate		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Ethylbenzene		NS	NS	NS	NS	ND(0.00550) [ND(0.00550)]
Iodomethane		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Isobutanol		NS	NS	NS	NS	ND(0.11) [ND(0.11)]
Methacrylonitrile		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Methyl Methacrylate		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Methylene Chloride		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Propionitrile		NS	NS	NS	NS	ND(0.011) [ND(0.011)]
Styrene		NS	NS	NS	NS	ND(0.00550) [ND(0.00550)]
Tetrachloroethene		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Toluene		NS	NS	NS	NS	ND(0.00550) [ND(0.00550)]
trans-1,2-Dichloroethene		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
trans-1,3-Dichloropropene		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
trans-1,4-Dichloro-2-butene		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Trichloroethene		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Trichlorofluoromethane		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Vinyl Acetate		NS	NS	NS	NS	ND(0.0055) J [ND(0.0055) J]
Vinyl Chloride		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Xylenes (total)		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Averaging Area:	4A	4A	4A	4A	4A
Sample ID:	RAA4-G11	RAA4-G14	RAA4-G17	RAA4-H3	RAA4-H7
Sample Depth(Feet):	1-6	1-6	0-1	6-15	1-2
Date Collected:	06/28/02	07/08/02	06/07/02	06/11/02	06/13/02
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(1.00)	NS	NS	NS	NS
1,2,4-Trichlorobenzene	ND(1.00)	NS	NS	NS	NS
1,2-Dichlorobenzene	ND(1.00)	NS	NS	NS	NS
1,2-Diphenylhydrazine	ND(1.0)	NS	NS	NS	NS
1,3,5-Trinitrobenzene	ND(1.00)	NS	NS	NS	NS
1,3-Dichlorobenzene	ND(1.00)	NS	NS	NS	NS
1,3-Dinitrobenzene	ND(1.00)	NS	NS	NS	NS
1,4-Dichlorobenzene	ND(1.00)	NS	NS	NS	NS
1,4-Naphthoquinone	ND(1.00)	NS	NS	NS	NS
1-Naphthylamine	ND(1.00)	NS	NS	NS	NS
2,3,4,6-Tetrachlorophenol	ND(1.00)	NS	NS	NS	NS
2,4,5-Trichlorophenol	ND(1.00)	NS	NS	NS	NS
2,4,6-Trichlorophenol	ND(1.00)	NS	NS	NS	NS
2,4-Dichlorophenol	ND(1.00)	NS	NS	NS	NS
2,4-Dimethylphenol	ND(1.00)	NS	NS	NS	NS
2,4-Dinitrophenol	ND(5.20)	NS	NS	NS	NS
2,4-Dinitrotoluene	ND(1.00)	NS	NS	NS	NS
2,6-Dichlorophenol	ND(1.00)	NS	NS	NS	NS
2,6-Dinitrotoluene	ND(1.00)	NS	NS	NS	NS
2-Acetylaminofluorene	ND(1.00)	NS	NS	NS	NS
2-Chloronaphthalene	ND(1.00)	NS	NS	NS	NS
2-Chlorophenol	ND(1.00)	NS	NS	NS	NS
2-Methylnaphthalene	0.300 J	NS	NS	NS	NS
2-Methylphenol	ND(1.00)	NS	NS	NS	NS
2-Naphthylamine	ND(1.00)	NS	NS	NS	NS
2-Nitroaniline	ND(5.20)	NS	NS	NS	NS
2-Nitrophenol	ND(1.00)	NS	NS	NS	NS
2-Picoline	ND(1.00)	NS	NS	NS	NS
3&4-Methylphenol	ND(1.00)	NS	NS	NS	NS
3,3'-Dichlorobenzidine	ND(2.1) J	NS	NS	NS	NS
3,3'-Dimethylbenzidine	ND(1.00)	NS	NS	NS	NS
3-Methylcholanthrene	ND(1.00)	NS	NS	NS	NS
3-Nitroaniline	ND(5.20)	NS	NS	NS	NS
4,6-Dinitro-2-methylphenol	ND(1.00)	NS	NS	NS	NS
4-Aminobiphenyl	ND(1.00)	NS	NS	NS	NS
4-Bromophenyl-phenylether	ND(1.00)	NS	NS	NS	NS
4-Chloro-3-Methylphenol	ND(1.00)	NS	NS	NS	NS
4-Chloroaniline	ND(1.00)	NS	NS	NS	NS
4-Chlorobenzilate	ND(1.00)	NS	NS	NS	NS
4-Chlorophenyl-phenylether	ND(1.00)	NS	NS	NS	NS
4-Nitroaniline	ND(1.80)	NS	NS	NS	NS
4-Nitrophenol	ND(5.20)	NS	NS	NS	NS
4-Nitroquinoline-1-oxide	ND(1.00)	NS	NS	NS	NS
4-Phenylenediamine	ND(1.0) J	NS	NS	NS	NS
5-Nitro-o-toluidine	ND(1.00)	NS	NS	NS	NS
7,12-Dimethylbenz(a)anthracene	ND(1.00)	NS	NS	NS	NS
a,a'-Dimethylphenethylamine	ND(1.00)	NS	NS	NS	NS
Acenaphthene	1.60	NS	NS	NS	NS
Acenaphthylene	ND(1.00)	NS	NS	NS	NS
Acetophenone	ND(1.00)	NS	NS	NS	NS
Aniline	ND(1.00)	NS	NS	NS	NS
Anthracene	1.70	NS	NS	NS	NS
Aramite	ND(1.00)	NS	NS	NS	NS
Benzidine	ND(2.1) J	NS	NS	NS	NS
Benzo(a)anthracene	3.90	NS	NS	NS	NS
Benzo(a)pyrene	3.80	NS	NS	NS	NS
Benzo(b)fluoranthene	3.40	NS	NS	NS	NS
Benzo(g,h,i)perylene	1.80	NS	NS	NS	NS
Benzo(k)fluoranthene	4.00	NS	NS	NS	NS
Benzyl Alcohol	ND(2.10)	NS	NS	NS	NS
bis(2-Chloroethoxy)methane	ND(1.00)	NS	NS	NS	NS
bis(2-Chloroethyl)ether	ND(1.00)	NS	NS	NS	NS
bis(2-Chloroisopropyl)ether	ND(1.00)	NS	NS	NS	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:					
	Averaging Area:	4A	4A	4A	4A	4A
	Sample ID:	RAA4-G11	RAA4-G14	RAA4-G17	RAA4-H3	RAA4-H7
	Sample Depth(Feet):	1-6	1-6	0-1	6-15	1-2
Parameter	Date Collected:	06/28/02	07/08/02	06/07/02	06/11/02	06/13/02
Semivolatile Organics (continued)						
bis(2-Ethylhexyl)phthalate		ND(0.520)	NS	NS	NS	NS
Butylbenzylphthalate		ND(1.00)	NS	NS	NS	NS
Chrysene		4.40	NS	NS	NS	NS
Diallate		ND(1.00)	NS	NS	NS	NS
Dibenzo(a,h)anthracene		ND(1.00)	NS	NS	NS	NS
Dibenzofuran		0.660 J	NS	NS	NS	NS
Diethylphthalate		ND(1.00)	NS	NS	NS	NS
Dimethylphthalate		ND(1.00)	NS	NS	NS	NS
Di-n-Butylphthalate		ND(1.00)	NS	NS	NS	NS
Di-n-Octylphthalate		ND(1.00)	NS	NS	NS	NS
Diphenylamine		ND(1.0)	NS	NS	NS	NS
Ethyl Methanesulfonate		ND(1.00)	NS	NS	NS	NS
Fluoranthene		8.00	NS	NS	NS	NS
Fluorene		1.00 J	NS	NS	NS	NS
Hexachlorobenzene		ND(1.00)	NS	NS	NS	NS
Hexachlorobutadiene		ND(1.00)	NS	NS	NS	NS
Hexachlorocyclopentadiene		ND(1.00)	NS	NS	NS	NS
Hexachloroethane		ND(1.00)	NS	NS	NS	NS
Hexachlorophene		ND(2.1)	NS	NS	NS	NS
Hexachloropropene		ND(1.00)	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene		1.80	NS	NS	NS	NS
Isodrin		ND(1.0)	NS	NS	NS	NS
Isophorone		ND(1.00)	NS	NS	NS	NS
Isosafrole		ND(1.00)	NS	NS	NS	NS
Methapyrilene		ND(1.00)	NS	NS	NS	NS
Methyl Methanesulfonate		ND(1.00)	NS	NS	NS	NS
Naphthalene		1.80	NS	NS	NS	NS
Nitrobenzene		ND(1.00)	NS	NS	NS	NS
N-Nitrosodiethylamine		ND(1.00)	NS	NS	NS	NS
N-Nitrosodimethylamine		ND(1.00)	NS	NS	NS	NS
N-Nitroso-di-n-butylamine		ND(1.00)	NS	NS	NS	NS
N-Nitroso-di-n-propylamine		ND(1.00)	NS	NS	NS	NS
N-Nitrosodiphenylamine		ND(1.00)	NS	NS	NS	NS
N-Nitrosomethylethylamine		ND(1.00)	NS	NS	NS	NS
N-Nitrosomorpholine		ND(1.00)	NS	NS	NS	NS
N-Nitrosopiperidine		ND(1.00)	NS	NS	NS	NS
N-Nitrosopyrrolidine		ND(1.00)	NS	NS	NS	NS
o,o,o-Triethylphosphorothioate		ND(1.0)	NS	NS	NS	NS
o-Toluidine		ND(1.00)	NS	NS	NS	NS
p-Dimethylaminoazobenzene		ND(1.00)	NS	NS	NS	NS
Pentachlorobenzene		ND(1.00)	NS	NS	NS	NS
Pentachloroethane		ND(1.0)	NS	NS	NS	NS
Pentachloronitrobenzene		ND(1.00)	NS	NS	NS	NS
Pentachlorophenol		ND(5.20)	NS	NS	NS	NS
Phenacetin		ND(1.00)	NS	NS	NS	NS
Phenanthrene		10.0	NS	NS	NS	NS
Phenol		ND(1.00)	NS	NS	NS	NS
Pronamide		ND(1.00)	NS	NS	NS	NS
Pyrene		10.0	NS	NS	NS	NS
Pyridine		ND(1.00)	NS	NS	NS	NS
Safrole		ND(1.00)	NS	NS	NS	NS
Thionazin		ND(1.0)	NS	NS	NS	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:				
	4A RAA4-G11 1-6 06/28/02	4A RAA4-G14 1-6 07/08/02	4A RAA4-G17 0-1 06/07/02	4A RAA4-H3 6-15 06/11/02	4A RAA4-H7 1-2 06/13/02
Furans					
2,3,7,8-TCDF	0.0000038 Y	0.000016 Y	0.00023 Y	ND(0.00000021)	NS
TCDFs (total)	0.000023	0.00016	0.0034 QI	0.0000034	NS
1,2,3,7,8-PeCDF	0.0000013 J	0.0000078	0.00022	ND(0.00000020)	NS
2,3,4,7,8-PeCDF	0.0000031	0.000021	0.00073	ND(0.00000030)	NS
PeCDFs (total)	0.000030 Q	0.00023 I	0.012 QI	0.0000025 Q	NS
1,2,3,4,7,8-HxCDF	0.0000034	0.000016	0.00068	ND(0.00000033) X	NS
1,2,3,6,7,8-HxCDF	0.0000020 J	0.000012	0.00050	ND(0.00000029)	NS
1,2,3,7,8,9-HxCDF	0.00000074 J	0.0000021 J	0.000094	ND(0.00000027)	NS
2,3,4,6,7,8-HxCDF	0.0000039	0.000025	0.00096	ND(0.00000037)	NS
HxCDFs (total)	0.000043	0.00034	0.014	0.0000021	NS
1,2,3,4,6,7,8-HpCDF	0.0000060	0.000034	0.0013 EJ	0.00000096 J	NS
1,2,3,4,7,8,9-HpCDF	ND(0.00000096) X	0.0000043	0.00017	ND(0.00000027)	NS
HpCDFs (total)	0.0000065	0.000078	0.0025	0.0000011	NS
OCDF	0.0000050	0.000022	0.0014	0.00000057 J	NS
Dioxins					
2,3,7,8-TCDD	ND(0.00000015) X	ND(0.00000032) X	0.0000025	ND(0.00000011)	NS
TCDDs (total)	0.0000026	0.0000065	0.000056 Q	0.00000013	NS
1,2,3,7,8-PeCDD	0.00000024 J	0.00000096 J	ND(0.000036) X	ND(0.00000011) X	NS
PeCDDs (total)	0.0000038 Q	0.0000097	0.00013 Q	ND(0.00000057)	NS
1,2,3,4,7,8-HxCDD	0.00000046 J	0.00000082 J	0.000017	ND(0.00000012) X	NS
1,2,3,6,7,8-HxCDD	0.00000071 J	0.0000015 J	0.000026	ND(0.00000018)	NS
1,2,3,7,8,9-HxCDD	0.00000055 J	0.0000011 J	0.000021	0.00000017 J	NS
HxCDDs (total)	0.0000092	0.000021	0.00034	ND(0.00000053)	NS
1,2,3,4,6,7,8-HpCDD	0.0000026	0.0000074	0.00013	ND(0.0000012)	NS
HpCDDs (total)	0.0000053	0.000017	0.00026	0.0000026	NS
OCDD	0.000013	0.000086	0.00055	0.000017	NS
Total TEQs (WHO TEFs)	0.0000036	0.000020	0.00067	0.00000031	NS
Inorganics					
Antimony	ND(6.00)	NS	NS	ND(6.00)	NS
Arsenic	6.50	NS	NS	4.80	NS
Barium	55.0	NS	NS	35.0	NS
Beryllium	ND(0.500)	NS	NS	ND(0.500)	NS
Cadmium	ND(0.500)	NS	NS	ND(0.500)	NS
Chromium	7.80	NS	NS	11.0	NS
Cobalt	6.40 J	NS	NS	8.60 J	NS
Copper	81.0	NS	NS	36.0	NS
Cyanide	ND(0.100)	NS	NS	ND(0.130)	NS
Lead	100	NS	NS	41.0	NS
Mercury	0.200	NS	NS	ND(0.130)	NS
Nickel	11.0	NS	NS	19.0	NS
Selenium	ND(1.00) J	NS	NS	ND(1.00) J	NS
Silver	ND(1.00) J	NS	NS	ND(1.00)	NS
Sulfide	39.0	NS	NS	81.0	NS
Thallium	ND(1.60) J	NS	NS	ND(1.80)	NS
Tin	ND(12.0)	NS	NS	63.0	NS
Vanadium	6.00	NS	NS	15.0	NS
Zinc	180 J	NS	NS	72.0	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Averaging Area	4A	4A	4A	4A
Sample ID	RAA4-H7	RAA4-I3	RAA4-I5	RAA4-I5
Sample Depth(Feet)	1-6	0-1	6-15	8-10
Date Collected	06/13/02	06/24/02	07/03/02	07/03/02
Volatile Organics				
1,1,1,2-Tetrachloroethane	NS	ND(0.0060)	NS	ND(0.0069)
1,1,1-Trichloroethane	NS	ND(0.0060)	NS	ND(0.0069)
1,1,2,2-Tetrachloroethane	NS	ND(0.0060)	NS	ND(0.0069)
1,1,2-Trichloroethane	NS	ND(0.0060)	NS	ND(0.0069)
1,1-Dichloroethane	NS	ND(0.0060)	NS	ND(0.0069)
1,1-Dichloroethene	NS	ND(0.0060)	NS	ND(0.0069)
1,2,3-Trichloropropane	NS	ND(0.0060)	NS	ND(0.0069)
1,2-Dibromo-3-chloropropane	NS	ND(0.0060)	NS	ND(0.0069)
1,2-Dibromoethane	NS	ND(0.0060)	NS	ND(0.0069)
1,2-Dichloroethane	NS	ND(0.0060)	NS	ND(0.0069)
1,2-Dichloropropane	NS	ND(0.0060)	NS	ND(0.0069)
1,4-Dioxane	NS	ND(0.12) J	NS	ND(0.14) J
2-Butanone	NS	ND(0.012)	NS	ND(0.014)
2-Chloro-1,3-butadiene	NS	ND(0.0060)	NS	ND(0.0069)
2-Chloroethylvinylether	NS	ND(0.0060)	NS	ND(0.0069)
2-Hexanone	NS	ND(0.012)	NS	ND(0.014)
3-Chloropropene	NS	ND(0.0060)	NS	ND(0.0069)
4-Methyl-2-pentanone	NS	ND(0.012)	NS	ND(0.014)
Acetone	NS	ND(0.024)	NS	ND(0.028)
Acetonitrile	NS	ND(0.12)	NS	ND(0.14)
Acrolein	NS	ND(0.12) J	NS	ND(0.14) J
Acrylonitrile	NS	ND(0.0060)	NS	ND(0.0069)
Benzene	NS	ND(0.00600)	NS	ND(0.00690)
Bromodichloromethane	NS	ND(0.0060)	NS	ND(0.0069)
Bromoform	NS	ND(0.0060)	NS	ND(0.0069)
Bromomethane	NS	ND(0.0060)	NS	ND(0.0069)
Carbon Disulfide	NS	ND(0.0060)	NS	ND(0.0069)
Carbon Tetrachloride	NS	ND(0.0060)	NS	ND(0.0069)
Chlorobenzene	NS	ND(0.0060)	NS	ND(0.0069)
Chloroethane	NS	ND(0.0060)	NS	ND(0.0069)
Chloroform	NS	ND(0.0060)	NS	ND(0.0069)
Chloromethane	NS	ND(0.0060)	NS	ND(0.0069)
cis-1,3-Dichloropropene	NS	ND(0.0060)	NS	ND(0.0069)
Dibromochloromethane	NS	ND(0.0060)	NS	ND(0.0069)
Dibromomethane	NS	ND(0.0060)	NS	ND(0.0069)
Dichlorodifluoromethane	NS	ND(0.0060)	NS	ND(0.0069)
Ethyl Methacrylate	NS	ND(0.0060)	NS	ND(0.0069)
Ethylbenzene	NS	ND(0.00600)	NS	2.00
Iodomethane	NS	ND(0.0060)	NS	ND(0.0069)
Isobutanol	NS	ND(0.12)	NS	ND(0.14)
Methacrylonitrile	NS	ND(0.0060)	NS	ND(0.0069)
Methyl Methacrylate	NS	ND(0.0060)	NS	ND(0.0069)
Methylene Chloride	NS	ND(0.0060)	NS	ND(0.0069)
Propionitrile	NS	ND(0.012)	NS	ND(0.014)
Styrene	NS	ND(0.00600)	NS	ND(0.00690)
Tetrachloroethene	NS	ND(0.0060)	NS	ND(0.0069)
Toluene	NS	ND(0.00600)	NS	0.0190
trans-1,2-Dichloroethene	NS	ND(0.0060)	NS	ND(0.0069)
trans-1,3-Dichloropropene	NS	ND(0.0060)	NS	ND(0.0069)
trans-1,4-Dichloro-2-butene	NS	ND(0.0060)	NS	ND(0.0069) J
Trichloroethene	NS	ND(0.0060)	NS	ND(0.0069)
Trichlorofluoromethane	NS	ND(0.0060)	NS	ND(0.0069)
Vinyl Acetate	NS	ND(0.0060)	NS	ND(0.0069)
Vinyl Chloride	NS	ND(0.0060)	NS	ND(0.0069)
Xylenes (total)	NS	ND(0.0060)	NS	13

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4A RAA4-H7 1-6 06/13/02	4A RAA4-I3 0-1 06/24/02	4A RAA4-I5 6-15 07/03/02	4A RAA4-I5 8-10 07/03/02
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
1,2,4-Trichlorobenzene		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
1,2-Dichlorobenzene		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
1,2-Diphenylhydrazine		ND(0.37) [ND(0.35)]	ND(0.40)	ND(0.46)	NS
1,3,5-Trinitrobenzene		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
1,3-Dichlorobenzene		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
1,3-Dinitrobenzene		ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS
1,4-Dichlorobenzene		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
1,4-Naphthoquinone		ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS
1-Naphthylamine		ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS
2,3,4,6-Tetrachlorophenol		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
2,4,5-Trichlorophenol		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
2,4,6-Trichlorophenol		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
2,4-Dichlorophenol		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
2,4-Dimethylphenol		ND(0.370) [ND(0.360)]	ND(0.400)	0.410 J	NS
2,4-Dinitrophenol		ND(1.90) [ND(1.90)]	ND(2.00)	ND(2.40)	NS
2,4-Dinitrotoluene		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
2,6-Dichlorophenol		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
2,6-Dinitrotoluene		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
2-Acetylaminofluorene		ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS
2-Chloronaphthalene		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.46) J	NS
2-Chlorophenol		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
2-Methylnaphthalene		0.0840 J [ND(0.360)]	ND(0.400)	ND(0.460)	NS
2-Methylphenol		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
2-Naphthylamine		ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS
2-Nitroaniline		ND(1.90) [ND(1.90)]	ND(2.00)	ND(2.40)	NS
2-Nitrophenol		ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS
2-Picoline		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
3&4-Methylphenol		ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS
3,3'-Dichlorobenzidine		ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS
3,3'-Dimethylbenzidine		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
3-Methylcholanthrene		ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS
3-Nitroaniline		ND(1.90) [ND(1.90)]	ND(2.00)	ND(2.40)	NS
4,6-Dinitro-2-methylphenol		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
4-Aminobiphenyl		ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS
4-Bromophenyl-phenylether		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
4-Chloro-3-Methylphenol		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
4-Chloroaniline		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
4-Chlorobenzilate		ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS
4-Chlorophenyl-phenylether		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
4-Nitroaniline		ND(1.90) [ND(1.90)]	ND(2.00)	ND(2.40)	NS
4-Nitrophenol		ND(1.90) [ND(1.90)]	ND(2.00)	ND(2.40)	NS
4-Nitroquinoline-1-oxide		ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS
4-Phenylenediamine		ND(0.74) J [ND(0.73) J]	ND(0.81) J	ND(0.93) J	NS
5-Nitro-o-toluidine		ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS
7,12-Dimethylbenz(a)anthracene		ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS
a,a'-Dimethylphenethylamine		ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS
Acenaphthene		ND(0.370) [ND(0.360)]	0.220 J	ND(0.460)	NS
Acenaphthylene		0.650 [ND(0.360)]	ND(0.400)	ND(0.460)	NS
Acetophenone		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
Aniline		ND(0.370) [ND(0.360)]	1.90	ND(0.460)	NS
Anthracene		0.300 J [ND(0.360)]	0.410	ND(0.460)	NS
Aramite		ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS
Benzidine		ND(0.74) [ND(0.73)]	ND(0.81) J	ND(0.93) J	NS
Benzo(a)anthracene		2.0 J [0.35 J]	0.880	ND(0.460)	NS
Benzo(a)pyrene		2.9 J [0.46 J]	0.820	ND(0.460)	NS
Benzo(b)fluoranthene		2.5 J [0.50 J]	1.00	ND(0.460)	NS
Benzo(g,h,i)perylene		3.4 J [0.27 J]	0.340 J	ND(0.460)	NS
Benzo(k)fluoranthene		2.3 J [0.42 J]	0.740	ND(0.460)	NS
Benzyl Alcohol		ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS
bis(2-Chloroethoxy)methane		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
bis(2-Chloroethyl)ether		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
bis(2-Chloroisopropyl)ether		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4A RAA4-H7 1-6 06/13/02	4A RAA4-I3 0-1 06/24/02	4A RAA4-I5 6-15 07/03/02	4A RAA4-I5 8-10 07/03/02
Semivolatile Organics (continued)					
bis(2-Ethylhexyl)phthalate		ND(0.360) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
Butylbenzylphthalate		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
Chrysene		2.0 J [0.40 J]	0.930	ND(0.460)	NS
Dialiate		ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS
Dibenzo(a,h)anthracene		0.820 [ND(0.360)]	ND(0.400)	ND(0.460)	NS
Dibenzofuran		ND(0.370) [ND(0.360)]	0.110 J	ND(0.460)	NS
Diethylphthalate		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
Dimethylphthalate		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
Di-n-Butylphthalate		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
Di-n-Octylphthalate		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
Diphenylamine		ND(0.37) [ND(0.36)]	ND(0.40)	ND(0.46)	NS
Ethyl Methanesulfonate		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
Fluoranthene		2.5 J [0.55 J]	2.00	ND(0.460)	NS
Fluorene		ND(0.370) [ND(0.360)]	0.160 J	ND(0.460)	NS
Hexachlorobenzene		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
Hexachlorobutadiene		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
Hexachlorocyclopentadiene		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
Hexachloroethane		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.46) J	NS
Hexachlorophene		ND(0.74) [ND(0.73)]	ND(0.81)	ND(0.93)	NS
Hexachloropropene		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
Indeno(1,2,3-cd)pyrene		2.1 J [0.19 J]	0.270 J	ND(0.460)	NS
Isodrin		ND(0.37) [ND(0.36)]	ND(0.40)	ND(0.46)	NS
Isophorone		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
Isosafrole		ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS
Methapyrilene		ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS
Methyl Methanesulfonate		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
Naphthalene		0.250 J [ND(0.360)]	ND(0.400)	ND(0.460)	NS
Nitrobenzene		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
N-Nitrosodiethylamine		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
N-Nitrosodimethylamine		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
N-Nitroso-di-n-butylamine		ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS
N-Nitroso-di-n-propylamine		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
N-Nitrosodiphenylamine		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
N-Nitrosomethylethylamine		ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS
N-Nitrosomorpholine		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
N-Nitrosopiperidine		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
N-Nitrosopyrrolidine		ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS
o,o,o-Triethylphosphorothioate		ND(0.37) [ND(0.36)]	ND(0.40)	ND(0.46)	NS
o-Toluidine		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
p-Dimethylaminoazobenzene		ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS
Pentachlorobenzene		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
Pentachloroethane		ND(0.37) [ND(0.36)]	ND(0.40)	ND(0.46)	NS
Pentachloronitrobenzene		ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS
Pentachlorophenol		ND(1.90) [ND(1.90)]	ND(2.00)	ND(2.40)	NS
Phenacetin		ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS
Phenanthrene		0.73 J [0.19 J]	2.00	ND(0.460)	NS
Phenol		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
Pronamide		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
Pyrene		3.2 J [0.63 J]	3.00	ND(0.460)	NS
Pyridine		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
Safrole		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
Thionazin		ND(0.37) [ND(0.36)]	ND(0.40)	ND(0.46)	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4A RAA4-H7 1-6 06/13/02	4A RAA4-I3 0-1 06/24/02	4A RAA4-I5 6-15 07/03/02	4A RAA4-I5 8-10 07/03/02
Furans					
2,3,7,8-TCDF		0.00000018 J [ND(0.00000032) X]	0.000028 Y	ND(0.00000018)	NS
TCDFs (total)		0.0000020 [0.0000012]	0.00024	ND(0.00000018)	NS
1,2,3,7,8-PeCDF		0.00000012 J [ND(0.00000014) X]	0.000014	ND(0.00000012) X	NS
2,3,4,7,8-PeCDF		0.00000022 J [0.00000022 J]	0.000024	ND(0.00000015) X	NS
PeCDFs (total)		0.0000012 Q [0.0000016 Q]	0.00031 QI	0.00000050	NS
1,2,3,4,7,8-HxCDF		0.00000014 J [0.00000050 J]	0.000026	ND(0.00000032)	NS
1,2,3,6,7,8-HxCDF		ND(0.00000018) X [0.00000043 J]	0.000011	0.00000014 J	NS
1,2,3,7,8,9-HxCDF		ND(0.00000023) [ND(0.00000022)]	0.0000035	ND(0.00000032)	NS
2,3,4,6,7,8-HxCDF		ND(0.00000012) X [0.00000022 J]	0.000018	0.000000048 J	NS
HxCDFs (total)		0.00000058 J [0.0000021 J]	0.00028	0.00000019	NS
1,2,3,4,6,7,8-HpCDF		0.00000034 J [0.00000088 J]	0.000040	ND(0.00000018) X	NS
1,2,3,4,7,8,9-HpCDF		ND(0.00000023) [ND(0.00000023)]	0.0000068	ND(0.00000032)	NS
HpCDFs (total)		0.00000042 J [0.0000011 J]	0.000084	ND(0.00000032)	NS
OCDF		0.00000055 J [0.0000011 J]	0.000045	ND(0.00000064)	NS
Dioxins					
2,3,7,8-TCDD		ND(0.00000018) [ND(0.000000088)]	ND(0.00000038) X	ND(0.00000016)	NS
TCDDs (total)		ND(0.00000026) [0.00000071]	0.0000058	ND(0.00000040)	NS
1,2,3,7,8-PeCDD		ND(0.00000023) [ND(0.00000022)]	ND(0.0000012) X	ND(0.00000032)	NS
PeCDDs (total)		0.00000043 [ND(0.00000035)]	0.0000088	ND(0.00000052)	NS
1,2,3,4,7,8-HxCDD		ND(0.00000023) [ND(0.00000022)]	0.0000017 J	ND(0.00000032)	NS
1,2,3,6,7,8-HxCDD		ND(0.00000013) X [ND(0.00000022)]	0.0000022 J	ND(0.00000032)	NS
1,2,3,7,8,9-HxCDD		0.00000012 J [ND(0.00000022)]	0.0000018 J	ND(0.00000032)	NS
HxCDDs (total)		0.0000012 J [0.00000054 J]	0.000030	ND(0.00000034)	NS
1,2,3,4,6,7,8-HpCDD		0.0000016 J [ND(0.0000012) X]	0.000033	0.0000010 J	NS
HpCDDs (total)		0.0000036 J [0.0000011 J]	0.000063	0.0000023	NS
OCDD		0.000071 J [0.000036 J]	0.00030	0.000020	NS
Total TEQs (WHO TEFs)		0.00000044 [0.00000046]	0.000024	0.00000040	NS
Inorganics					
Antimony		1.00 B [ND(6.00)]	6.10	ND(6.00)	NS
Arsenic		6.30 [6.40]	5.60	2.90	NS
Barium		25.0 [28.0]	44.0	74.0	NS
Beryllium		ND(0.500) [ND(0.500)]	ND(0.500)	0.560	NS
Cadmium		ND(0.500) [0.160 B]	ND(0.500)	ND(0.500)	NS
Chromium		7.00 [7.20]	10.0	14.0	NS
Cobalt		6.40 [7.30]	6.60	9.40	NS
Copper		20.0 [21.0]	120	23.0	NS
Cyanide		ND(0.220) [ND(0.220)]	0.110 B	ND(0.140)	NS
Lead		76.0 [56.0]	46.0	13.0	NS
Mercury		0.280 J [ND(0.110) J]	0.390	0.0560 B	NS
Nickel		12.0 [13.0]	12.0	15.0	NS
Selenium		ND(1.00) J [ND(1.00) J]	ND(1.00)	ND(1.00)	NS
Silver		ND(1.00) [ND(1.00)]	ND(1.00)	ND(1.00)	NS
Sulfide		65.0 [75.0]	35.0	250	NS
Thallium		1.50 J [1.50 J]	ND(1.80)	1.80 B	NS
Tin		ND(10.0) [ND(10.0)]	ND(10.0)	ND(5.50)	NS
Vanadium		9.90 [9.00]	21.0	16.0	NS
Zinc		48.0 [40.0]	140	55.0	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:					
	Averaging Area:	4A	4A	4A	4A	4A
	Sample ID:	RAA4-I9	RAA4-I13	RAA4-I13	RAA4-I15	RAA4-K3
	Sample Depth(Feet):	0-1	0-1	6-15	0-1	1-6
Parameter	Date Collected:	06/17/02	07/02/02	07/02/02	04/25/02	06/11/02
Volatile Organics						
1,1,1,2-Tetrachloroethane		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
1,1,1-Trichloroethane		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
1,1,2,2-Tetrachloroethane		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
1,1,2-Trichloroethane		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
1,1-Dichloroethane		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
1,1-Dichloroethene		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
1,2,3-Trichloropropane		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
1,2-Dibromo-3-chloropropane		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
1,2-Dibromoethane		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
1,2-Dichloroethane		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
1,2-Dichloropropane		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
1,4-Dioxane		ND(0.11) J	ND(0.10) J	NS	ND(0.11) J	NS
2-Butanone		ND(0.011)	ND(0.010)	NS	ND(0.011)	NS
2-Chloro-1,3-butadiene		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
2-Chloroethylvinylether		ND(0.0057)	ND(0.0052)	NS	ND(0.0057) J	NS
2-Hexanone		ND(0.011)	ND(0.010)	NS	ND(0.011)	NS
3-Chloropropene		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
4-Methyl-2-pentanone		ND(0.011)	ND(0.010)	NS	ND(0.011)	NS
Acetone		ND(0.023)	ND(0.021)	NS	ND(0.023)	NS
Acetonitrile		ND(0.11)	ND(0.10)	NS	ND(0.11) J	NS
Acrolein		ND(0.11) J	ND(0.10) J	NS	ND(0.11) J	NS
Acrylonitrile		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
Benzene		ND(0.00570)	ND(0.00520)	NS	ND(0.00570)	NS
Bromodichloromethane		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
Bromoform		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
Bromomethane		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
Carbon Disulfide		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
Carbon Tetrachloride		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
Chlorobenzene		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
Chloroethane		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
Chloroform		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
Chloromethane		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
cis-1,3-Dichloropropene		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
Dibromochloromethane		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
Dibromomethane		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
Dichlorodifluoromethane		ND(0.0057)	ND(0.0052)	NS	ND(0.0057) J	NS
Ethyl Methacrylate		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
Ethylbenzene		ND(0.00570)	ND(0.00520)	NS	ND(0.00570)	NS
Iodomethane		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
Isobutanol		ND(0.11) J	ND(0.10)	NS	ND(0.11)	NS
Methacrylonitrile		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
Methyl Methacrylate		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
Methylene Chloride		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
Propionitrile		ND(0.011)	ND(0.010)	NS	ND(0.011)	NS
Styrene		ND(0.00570)	ND(0.00520)	NS	ND(0.00570)	NS
Tetrachloroethene		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
Toluene		ND(0.00570)	ND(0.00520)	NS	ND(0.00570)	NS
trans-1,2-Dichloroethene		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
trans-1,3-Dichloropropene		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
trans-1,4-Dichloro-2-butene		ND(0.0057)	ND(0.0052) J	NS	ND(0.0057)	NS
Trichloroethene		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
Trichlorofluoromethane		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
Vinyl Acetate		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
Vinyl Chloride		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
Xylenes (total)		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Averaging Area:	4A	4A	4A	4A	4A
Sample ID:	RAA4-I9	RAA4-I13	RAA4-I13	RAA4-I15	RAA4-K3
Sample Depth(Feet):	0-1	0-1	6-15	0-1	1-6
Date Collected:	06/17/02	07/02/02	07/02/02	04/25/02	06/11/02
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
1,2,4-Trichlorobenzene	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
1,2-Dichlorobenzene	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
1,2-Diphenylhydrazine	ND(7.4)	ND(0.38)	NS	ND(0.57)	ND(0.40)
1,3,5-Trinitrobenzene	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
1,3-Dichlorobenzene	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
1,3-Dinitrobenzene	ND(7.40)	ND(0.700)	NS	ND(0.760)	ND(0.790)
1,4-Dichlorobenzene	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
1,4-Naphthoquinone	ND(7.40)	ND(0.700)	NS	ND(0.760)	ND(0.790)
1-Naphthylamine	ND(7.40)	ND(0.700)	NS	ND(0.760)	ND(0.790)
2,3,4,6-Tetrachlorophenol	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
2,4,5-Trichlorophenol	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
2,4,6-Trichlorophenol	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
2,4-Dichlorophenol	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
2,4-Dimethylphenol	23.0	ND(0.380)	NS	4.00	ND(0.400)
2,4-Dinitrophenol	ND(37.0)	ND(1.90)	NS	ND(2.80)	ND(2.00)
2,4-Dinitrotoluene	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
2,6-Dichlorophenol	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
2,6-Dinitrotoluene	ND(7.40)	ND(0.380)	NS	ND(0.57) J	ND(0.400)
2-Acetylaminofluorene	ND(7.40)	ND(0.700)	NS	ND(0.760)	ND(0.790)
2-Chloronaphthalene	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
2-Chlorophenol	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
2-Methylnaphthalene	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
2-Methylphenol	15.0	ND(0.380)	NS	3.40	ND(0.400)
2-Naphthylamine	ND(7.40)	ND(0.700)	NS	ND(0.760)	ND(0.790)
2-Nitroaniline	ND(37.0)	ND(1.90)	NS	ND(2.80)	ND(2.00)
2-Nitrophenol	ND(7.40)	ND(0.700)	NS	ND(0.760)	ND(0.790)
2-Picoline	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
3&4-Methylphenol	28.0	ND(0.700)	NS	5.40	ND(0.790)
3,3'-Dichlorobenzidine	ND(15.0)	ND(0.76) J	NS	ND(1.10)	ND(0.790)
3,3'-Dimethylbenzidine	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
3-Methylcholanthrene	ND(7.40)	ND(0.700)	NS	ND(0.760)	ND(0.790)
3-Nitroaniline	ND(37.0)	ND(1.90)	NS	ND(2.80)	ND(2.00)
4,6-Dinitro-2-methylphenol	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
4-Aminobiphenyl	ND(7.40)	ND(0.700)	NS	ND(0.760)	ND(0.790)
4-Bromophenyl-phenylether	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
4-Chloro-3-Methylphenol	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
4-Chloroaniline	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
4-Chlorobenzilate	ND(7.40)	ND(0.700)	NS	ND(0.760)	ND(0.790)
4-Chlorophenyl-phenylether	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
4-Nitroaniline	ND(7.4) J	ND(1.80)	NS	ND(1.90)	ND(2.00)
4-Nitrophenol	ND(37.0)	ND(1.90)	NS	ND(2.80)	ND(2.00)
4-Nitroquinoline-1-oxide	ND(7.40)	ND(0.700)	NS	ND(0.760)	ND(0.790)
4-Phenylenediamine	ND(7.4) J	ND(0.70) J	NS	ND(0.76) J	ND(0.79) J
5-Nitro-o-toluidine	ND(7.40)	ND(0.700)	NS	ND(0.760)	ND(0.790)
7,12-Dimethylbenz(a)anthracene	ND(7.40)	ND(0.700)	NS	ND(0.760)	ND(0.790)
a,a'-Dimethylphenethylamine	ND(7.40)	ND(0.700)	NS	ND(0.760)	ND(0.790)
Acenaphthene	2.50 J	ND(0.380)	NS	0.420 J	ND(0.400)
Acenaphthylene	ND(7.40)	ND(0.380)	NS	0.150 J	ND(0.400)
Acetophenone	ND(7.40)	ND(0.380)	NS	0.470 J	ND(0.400)
Aniline	530	ND(0.380)	NS	66.0	ND(0.400)
Anthracene	6.10 J	ND(0.380)	NS	1.70	ND(0.400)
Aramite	ND(7.40)	ND(0.700)	NS	ND(0.760)	ND(0.790)
Benzidine	ND(15) J	ND(0.76) J	NS	ND(1.1)	ND(0.79) J
Benzo(a)anthracene	11.0	ND(0.380)	NS	6.00	ND(0.400)
Benzo(a)pyrene	10.0	ND(0.380)	NS	7.00	ND(0.400)
Benzo(b)fluoranthene	9.50	ND(0.380)	NS	6.30	ND(0.400)
Benzo(g,h,i)perylene	5.70 J	ND(0.380)	NS	5.20	ND(0.400)
Benzo(k)fluoranthene	8.20	ND(0.380)	NS	6.00	ND(0.400)
Benzyl Alcohol	ND(15) J	ND(0.760)	NS	ND(1.10)	ND(0.790)
bis(2-Chloroethoxy)methane	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
bis(2-Chloroethyl)ether	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
bis(2-Chloroisopropyl)ether	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.40) J

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4A RAA4-I9 0-1 06/17/02	4A RAA4-I13 0-1 07/02/02	4A RAA4-I13 6-15 07/02/02	4A RAA4-I15 0-1 04/25/02	4A RAA4-K3 1-6 06/11/02
Semivolatile Organics (continued)						
bis(2-Ethylhexyl)phthalate		ND(3.70)	ND(0.340)	NS	ND(0.370)	ND(0.390)
Butylbenzylphthalate		ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
Chrysene		9.10	ND(0.380)	NS	5.70	ND(0.400)
Dialiate		ND(7.40)	ND(0.700)	NS	ND(0.760)	ND(0.790)
Dibenzo(a,h)anthracene		ND(7.40)	ND(0.380)	NS	1.70	ND(0.400)
Dibenzofuran		ND(7.40)	ND(0.380)	NS	0.230 J	ND(0.400)
Diethylphthalate		ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
Dimethylphthalate		ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
Di-n-Butylphthalate		2.20 J	ND(0.380)	NS	0.470 J	ND(0.400)
Di-n-Octylphthalate		ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
Diphenylamine		ND(7.4)	ND(0.38)	NS	ND(0.57)	ND(0.40)
Ethyl Methanesulfonate		ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
Fluoranthene		24.0	ND(0.380)	NS	10.0	ND(0.400)
Fluorene		2.80 J	ND(0.380)	NS	0.530 J	ND(0.400)
Hexachlorobenzene		ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
Hexachlorobutadiene		ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
Hexachlorocyclopentadiene		ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
Hexachloroethane		ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
Hexachlorophene		ND(15)	ND(0.76)	NS	ND(1.1)	ND(0.79)
Hexachloropropene		ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
Indeno(1,2,3-cd)pyrene		5.00 J	ND(0.380)	NS	5.70	ND(0.400)
Isodrin		ND(7.4)	ND(0.38)	NS	ND(0.57)	ND(0.40)
Isophorone		ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
Isosafrole		ND(7.40)	ND(0.700)	NS	ND(0.760)	ND(0.790)
Methapyrilene		ND(7.40)	ND(0.700)	NS	ND(0.760)	ND(0.790)
Methyl Methanesulfonate		ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
Naphthalene		2.70 J	ND(0.380)	NS	0.320 J	ND(0.400)
Nitrobenzene		ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
N-Nitrosodiethylamine		ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
N-Nitrosodimethylamine		ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
N-Nitroso-di-n-butylamine		ND(7.40)	ND(0.700)	NS	ND(0.760)	ND(0.790)
N-Nitroso-di-n-propylamine		ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
N-Nitrosodiphenylamine		ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
N-Nitrosomethylethylamine		ND(7.40)	ND(0.700)	NS	ND(0.760)	ND(0.790)
N-Nitrosomorpholine		ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
N-Nitrosopiperidine		ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
N-Nitrosopyrrolidine		ND(7.40)	ND(0.700)	NS	ND(0.760)	ND(0.790)
o,o,o-Triethylphosphorothioate		ND(7.4)	ND(0.38)	NS	ND(0.57)	ND(0.40)
o-Toluidine		38.0	ND(0.380)	NS	ND(0.570)	ND(0.400)
p-Dimethylaminoazobenzene		ND(7.40)	ND(0.700)	NS	ND(0.760)	ND(0.790)
Pentachlorobenzene		ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
Pentachloroethane		ND(7.4)	ND(0.38)	NS	ND(0.57)	ND(0.40)
Pentachloronitrobenzene		ND(7.40)	ND(0.700)	NS	ND(0.760)	ND(0.790)
Pentachlorophenol		ND(37.0)	ND(1.90)	NS	ND(2.80)	ND(2.00)
Phenacetin		ND(7.40)	ND(0.700)	NS	ND(0.760)	ND(0.790)
Phenanthrene		25.0	ND(0.380)	NS	5.80	ND(0.400)
Phenol		73.0	ND(0.380)	NS	12 EJ	ND(0.400)
Pronamide		ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
Pyrene		29.0	ND(0.380)	NS	8.20	ND(0.400)
Pyridine		ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
Safrole		ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
Thionazin		ND(7.4)	ND(0.38)	NS	ND(0.57)	ND(0.40)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4A RAA4-I9 0-1 06/17/02	4A RAA4-I13 0-1 07/02/02	4A RAA4-I13 6-15 07/02/02	4A RAA4-I15 0-1 04/25/02	4A RAA4-K3 1-6 06/11/02
Furans						
2,3,7,8-TCDF		0.000079 Y	0.0000054 Y	0.0000026 Y	0.000019 Y	0.00000066 J
TCDFs (total)		0.00065 Q	0.000079 I	0.000024	0.00031	0.0000062
1,2,3,7,8-PeCDF		0.000049	0.0000041	0.0000014 J	0.0000056	ND(0.00000032)
2,3,4,7,8-PeCDF		0.000076	0.000017	0.0000027	0.000012	ND(0.00000041)
PeCDFs (total)		0.00065 QI	0.00017 I	0.000025	0.00041	0.0000049
1,2,3,4,7,8-HxCDF		0.000055	0.0000093	0.0000031	0.000025	0.00000050 J
1,2,3,6,7,8-HxCDF		0.000035	0.0000067	0.0000018 J	0.000012	ND(0.00000030)
1,2,3,7,8,9-HxCDF		0.0000074 Q	0.0000021 J	0.00000048 J	ND(0.0000051) X	0.000000067 J
2,3,4,6,7,8-HxCDF		0.000059	0.000014	0.0000024 J	0.000024	ND(0.00000034)
HxCDFs (total)		0.00078 Q	0.00018	0.000033	0.00040	0.0000033
1,2,3,4,6,7,8-HpCDF		0.000087	0.000016	0.0000044	0.000035	0.00000080 J
1,2,3,4,7,8,9-HpCDF		0.000012	0.0000029	0.00000084 J	0.0000042 J	ND(0.00000010) X
HpCDFs (total)		0.00019	0.000042	0.000010	0.000094	0.0000012
OCDF		0.000070	0.0000097	0.0000037 J	0.000039	0.00000083 J
Dioxins						
2,3,7,8-TCDD		0.00000061 JQ	0.00000016 J	ND(0.00000016) X	0.00000035 J	ND(0.000000098)
TCDDs (total)		0.000031 Q	0.0000015	0.00000046	0.0000052	0.00000013
1,2,3,7,8-PeCDD		ND(0.0000038) X	ND(0.00000057) X	ND(0.00000027)	0.0000011 J	ND(0.00000013) X
PeCDDs (total)		0.000038 Q	0.0000032	0.0000011	0.0000046	ND(0.00000042)
1,2,3,4,7,8-HxCDD		0.0000037	0.00000034 J	0.00000015 J	0.0000011 J	ND(0.000000073) X
1,2,3,6,7,8-HxCDD		0.000011	0.0000010 J	0.00000022 J	0.0000039 J	ND(0.00000011) X
1,2,3,7,8,9-HxCDD		0.0000066	0.00000065 J	ND(0.00000018) X	0.0000026 J	ND(0.00000011)
HxCDDs (total)		0.00010	0.000010	0.0000023	0.000060	ND(0.00000052)
1,2,3,4,6,7,8-HpCDD		0.000068	0.0000040	0.0000011 J	0.00011	ND(0.00000078)
HpCDDs (total)		0.00015	0.0000086	0.0000021	0.00089	0.0000016
OCDD		0.00042	0.000022	ND(0.0000058)	0.0011	0.0000099
Total TEQs (WHO TEFs)		0.000070	0.000013	0.0000028	0.000018	0.00000041
Inorganics						
Antimony		15.0	ND(6.00)	NS	6.60 J	ND(6.00)
Arsenic		6.50	3.50	NS	25.0 J	1.50 J
Barium		86.0	ND(20.0) J	NS	23.0 J	21.0
Beryllium		ND(0.500)	0.0990 B	NS	0.140 B	ND(0.500)
Cadmium		0.740	ND(0.500)	NS	0.530	ND(0.500)
Chromium		11.0	3.00	NS	7.20	9.00
Cobalt		8.70	24.0 J	NS	5.00	9.10 J
Copper		93.0 J	16.0	NS	97.0	19.0
Cyanide		0.280 J	ND(0.210)	NS	ND(0.110)	ND(0.120)
Lead		110	5.30	NS	50.0 J	15.0
Mercury		0.470	ND(0.100)	NS	0.540	ND(0.120)
Nickel		12.0	22.0	NS	10.0 J	15.0
Selenium		ND(1.00) J	ND(1.00)	NS	ND(1.00) J	ND(1.00) J
Silver		ND(1.00)	ND(1.00) J	NS	ND(1.00)	ND(1.00)
Sulfide		46.0 J	6.60	NS	27.0	34.0
Thallium		ND(1.70) J	ND(1.60) J	NS	ND(1.10) J	ND(1.80) J
Tin		ND(10.0)	ND(3.60)	NS	ND(10.0)	ND(4.00)
Vanadium		12.0	ND(5.00)	NS	9.30 J	9.40
Zinc		370 J	32.0 J	NS	130 J	60.0

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:					
	Averaging Area:	4A	4A	4A	4A	4A
	Sample ID:	RAA4-K3	RAA4-K11	RAA4-K11	RAA4-K15	RAA4-L8
	Sample Depth(Feet):	4-6	1-6	4-6	1-6	0-1
Parameter	Date Collected:	06/11/02	07/02/02	07/02/02	06/18/02	06/13/02
Volatile Organics						
1,1,1,2-Tetrachloroethane		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
1,1,1-Trichloroethane		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
1,1,2,2-Tetrachloroethane		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
1,1,2-Trichloroethane		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
1,1-Dichloroethane		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
1,1-Dichloroethene		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
1,2,3-Trichloropropane		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
1,2-Dibromo-3-chloropropane		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
1,2-Dibromoethane		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
1,2-Dichloroethane		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
1,2-Dichloropropane		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
1,4-Dioxane		ND(0.12) J	NS	ND(0.11) J	NS	ND(0.11) J
2-Butanone		ND(0.012)	NS	ND(0.011)	NS	ND(0.011)
2-Chloro-1,3-butadiene		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
2-Chloroethylvinylether		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
2-Hexanone		ND(0.012)	NS	ND(0.011)	NS	ND(0.011)
3-Chloropropene		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
4-Methyl-2-pentanone		ND(0.012)	NS	ND(0.011)	NS	ND(0.011)
Acetone		0.015 J	NS	ND(0.022)	NS	ND(0.023)
Acetonitrile		ND(0.12)	NS	ND(0.11)	NS	ND(0.11)
Acrolein		ND(0.12) J	NS	ND(0.11) J	NS	ND(0.11) J
Acrylonitrile		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
Benzene		ND(0.00590)	NS	ND(0.00550)	NS	ND(0.00570)
Bromodichloromethane		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
Bromoform		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
Bromomethane		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
Carbon Disulfide		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
Carbon Tetrachloride		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
Chlorobenzene		0.0031 J	NS	ND(0.0055)	NS	ND(0.0057)
Chloroethane		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
Chloroform		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
Chloromethane		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
cis-1,3-Dichloropropene		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
Dibromochloromethane		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
Dibromomethane		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
Dichlorodifluoromethane		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
Ethyl Methacrylate		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
Ethylbenzene		ND(0.00590)	NS	ND(0.00550)	NS	ND(0.00570)
Iodomethane		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
Isobutanol		ND(0.12)	NS	ND(0.11)	NS	ND(0.11) J
Methacrylonitrile		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
Methyl Methacrylate		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
Methylene Chloride		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
Propionitrile		ND(0.012)	NS	ND(0.011)	NS	ND(0.011)
Styrene		ND(0.00590)	NS	ND(0.00550)	NS	ND(0.00570)
Tetrachloroethene		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
Toluene		ND(0.00590)	NS	ND(0.00550)	NS	ND(0.00570)
trans-1,2-Dichloroethene		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
trans-1,3-Dichloropropene		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
trans-1,4-Dichloro-2-butene		ND(0.0059)	NS	ND(0.0055) J	NS	ND(0.0057)
Trichloroethene		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
Trichlorofluoromethane		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
Vinyl Acetate		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
Vinyl Chloride		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
Xylenes (total)		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:				
	4A / RAA4-K3 / 4-6 / 06/11/02	4A / RAA4-K11 / 1-6 / 07/02/02	4A / RAA4-K11 / 4-6 / 07/02/02	4A / RAA4-K15 / 1-6 / 06/18/02	4A / RAA4-L8 / 0-1 / 06/13/02
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	NS	ND(0.400)	NS	NS	ND(0.380)
1,2,4-Trichlorobenzene	NS	ND(0.400)	NS	NS	ND(0.380)
1,2-Dichlorobenzene	NS	ND(0.400)	NS	NS	ND(0.380)
1,2-Diphenylhydrazine	NS	ND(0.40)	NS	NS	ND(0.38)
1,3,5-Trinitrobenzene	NS	ND(0.400)	NS	NS	ND(0.380)
1,3-Dichlorobenzene	NS	ND(0.400)	NS	NS	ND(0.380)
1,3-Dinitrobenzene	NS	ND(0.740)	NS	NS	ND(0.760)
1,4-Dichlorobenzene	NS	ND(0.400)	NS	NS	ND(0.380)
1,4-Naphthoquinone	NS	ND(0.740)	NS	NS	ND(0.760)
1-Naphthylamine	NS	ND(0.740)	NS	NS	ND(0.760)
2,3,4,6-Tetrachlorophenol	NS	ND(0.400)	NS	NS	ND(0.380)
2,4,5-Trichlorophenol	NS	ND(0.400)	NS	NS	ND(0.380)
2,4,6-Trichlorophenol	NS	ND(0.400)	NS	NS	ND(0.380)
2,4-Dichlorophenol	NS	ND(0.400)	NS	NS	ND(0.380)
2,4-Dimethylphenol	NS	ND(0.400)	NS	NS	0.600
2,4-Dinitrophenol	NS	ND(2.00)	NS	NS	ND(1.90)
2,4-Dinitrotoluene	NS	ND(0.400)	NS	NS	ND(0.380)
2,6-Dichlorophenol	NS	ND(0.400)	NS	NS	ND(0.380)
2,6-Dinitrotoluene	NS	ND(0.400)	NS	NS	ND(0.380)
2-Acetylaminofluorene	NS	ND(0.740)	NS	NS	ND(0.760)
2-Chloronaphthalene	NS	ND(0.400)	NS	NS	ND(0.380)
2-Chlorophenol	NS	ND(0.400)	NS	NS	ND(0.380)
2-Methylnaphthalene	NS	ND(0.400)	NS	NS	ND(0.380)
2-Methylphenol	NS	ND(0.400)	NS	NS	0.360 J
2-Naphthylamine	NS	ND(0.740)	NS	NS	ND(0.760)
2-Nitroaniline	NS	ND(2.00)	NS	NS	ND(1.90)
2-Nitrophenol	NS	ND(0.740)	NS	NS	ND(0.760)
2-Picoline	NS	ND(0.400)	NS	NS	ND(0.380)
3&4-Methylphenol	NS	ND(0.740)	NS	NS	0.690 J
3,3'-Dichlorobenzidine	NS	ND(0.81) J	NS	NS	ND(0.760)
3,3'-Dimethylbenzidine	NS	ND(0.400)	NS	NS	ND(0.380)
3-Methylcholanthrene	NS	ND(0.740)	NS	NS	ND(0.760)
3-Nitroaniline	NS	ND(2.00)	NS	NS	ND(1.90)
4,6-Dinitro-2-methylphenol	NS	ND(0.400)	NS	NS	ND(0.380)
4-Aminobiphenyl	NS	ND(0.740)	NS	NS	ND(0.760)
4-Bromophenyl-phenylether	NS	ND(0.400)	NS	NS	ND(0.380)
4-Chloro-3-Methylphenol	NS	ND(0.400)	NS	NS	ND(0.380)
4-Chloroaniline	NS	ND(0.400)	NS	NS	ND(0.380)
4-Chlorobenzilate	NS	ND(0.740)	NS	NS	ND(0.760)
4-Chlorophenyl-phenylether	NS	ND(0.400)	NS	NS	ND(0.380)
4-Nitroaniline	NS	ND(1.90)	NS	NS	ND(1.90)
4-Nitrophenol	NS	ND(2.00)	NS	NS	ND(1.90)
4-Nitroquinoline-1-oxide	NS	ND(0.740)	NS	NS	ND(0.760)
4-Phenylenediamine	NS	ND(0.74) J	NS	NS	ND(0.76) J
5-Nitro-o-toluidine	NS	ND(0.740)	NS	NS	ND(0.760)
7,12-Dimethylbenz(a)anthracene	NS	ND(0.740)	NS	NS	ND(0.760)
a,a'-Dimethylphenethylamine	NS	ND(0.740)	NS	NS	ND(0.760)
Acenaphthene	NS	ND(0.400)	NS	NS	ND(0.380)
Acenaphthylene	NS	ND(0.400)	NS	NS	ND(0.380)
Acetophenone	NS	ND(0.400)	NS	NS	ND(0.380)
Aniline	NS	1.30	NS	NS	ND(0.380)
Anthracene	NS	ND(0.400)	NS	NS	ND(0.380)
Aramite	NS	ND(0.740)	NS	NS	ND(0.760)
Benzidine	NS	ND(0.81) J	NS	NS	ND(0.75)
Benzo(a)anthracene	NS	0.120 J	NS	NS	ND(0.380)
Benzo(a)pyrene	NS	0.160 J	NS	NS	ND(0.380)
Benzo(b)fluoranthene	NS	ND(0.400)	NS	NS	ND(0.380)
Benzo(g,h,i)perylene	NS	ND(0.400)	NS	NS	ND(0.380)
Benzo(k)fluoranthene	NS	ND(0.400)	NS	NS	ND(0.380)
Benzyl Alcohol	NS	ND(0.810)	NS	NS	ND(0.750)
bis(2-Chloroethoxy)methane	NS	ND(0.400)	NS	NS	ND(0.380)
bis(2-Chloroethyl)ether	NS	ND(0.400)	NS	NS	ND(0.380)
bis(2-Chloroisopropyl)ether	NS	ND(0.400)	NS	NS	ND(0.380)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4A RAA4-K3 4-6 06/11/02	4A RAA4-K11 1-6 07/02/02	4A RAA4-K11 4-6 07/02/02	4A RAA4-K15 1-6 06/18/02	4A RAA4-L8 0-1 06/13/02
Semivolatile Organics (continued)						
bis(2-Ethylhexyl)phthalate		NS	ND(0.360)	NS	NS	ND(0.380)
Butylbenzylphthalate		NS	ND(0.400)	NS	NS	ND(0.380)
Chrysene		NS	0.160 J	NS	NS	ND(0.380)
Diallate		NS	ND(0.740)	NS	NS	ND(0.760)
Dibenzo(a,h)anthracene		NS	ND(0.400)	NS	NS	ND(0.380)
Dibenzofuran		NS	ND(0.400)	NS	NS	ND(0.380)
Diethylphthalate		NS	ND(0.400)	NS	NS	ND(0.380)
Dimethylphthalate		NS	ND(0.400)	NS	NS	ND(0.380)
Di-n-Butylphthalate		NS	ND(0.400)	NS	NS	0.200 J
Di-n-Octylphthalate		NS	ND(0.400)	NS	NS	ND(0.380)
Diphenylamine		NS	ND(0.40)	NS	NS	ND(0.38)
Ethyl Methanesulfonate		NS	ND(0.400)	NS	NS	ND(0.380)
Fluoranthene		NS	0.220 J	NS	NS	ND(0.380)
Fluorene		NS	ND(0.400)	NS	NS	ND(0.380)
Hexachlorobenzene		NS	ND(0.400)	NS	NS	ND(0.380)
Hexachlorobutadiene		NS	ND(0.400)	NS	NS	ND(0.380)
Hexachlorocyclopentadiene		NS	ND(0.400)	NS	NS	ND(0.380)
Hexachloroethane		NS	ND(0.400)	NS	NS	ND(0.380)
Hexachlorophene		NS	ND(0.81)	NS	NS	ND(0.76)
Hexachloropropene		NS	ND(0.400)	NS	NS	ND(0.380)
Indeno(1,2,3-cd)pyrene		NS	ND(0.400)	NS	NS	ND(0.380)
Isodrin		NS	ND(0.40)	NS	NS	ND(0.38)
Isophorone		NS	ND(0.400)	NS	NS	ND(0.380)
Isosafrole		NS	ND(0.740)	NS	NS	ND(0.760)
Methapyrilene		NS	ND(0.740)	NS	NS	ND(0.760)
Methyl Methanesulfonate		NS	ND(0.400)	NS	NS	ND(0.380)
Naphthalene		NS	ND(0.400)	NS	NS	0.150 J
Nitrobenzene		NS	ND(0.400)	NS	NS	ND(0.380)
N-Nitrosodiethylamine		NS	ND(0.400)	NS	NS	ND(0.380)
N-Nitrosodimethylamine		NS	ND(0.400)	NS	NS	ND(0.380)
N-Nitroso-di-n-butylamine		NS	ND(0.740)	NS	NS	ND(0.760)
N-Nitroso-di-n-propylamine		NS	ND(0.400)	NS	NS	ND(0.380)
N-Nitrosodiphenylamine		NS	ND(0.400)	NS	NS	ND(0.380)
N-Nitrosomethylethylamine		NS	ND(0.740)	NS	NS	ND(0.760)
N-Nitrosomorpholine		NS	ND(0.400)	NS	NS	ND(0.380)
N-Nitrosopiperidine		NS	ND(0.400)	NS	NS	ND(0.380)
N-Nitrosopyrrolidine		NS	ND(0.740)	NS	NS	ND(0.760)
o,o,o-Triethylphosphorothioate		NS	ND(0.40)	NS	NS	ND(0.38)
o-Toluidine		NS	ND(0.400)	NS	NS	ND(0.380)
p-Dimethylaminoazobenzene		NS	ND(0.740)	NS	NS	ND(0.760)
Pentachlorobenzene		NS	ND(0.400)	NS	NS	ND(0.380)
Pentachloroethane		NS	ND(0.40)	NS	NS	ND(0.38)
Pentachloronitrobenzene		NS	ND(0.740)	NS	NS	ND(0.760)
Pentachlorophenol		NS	ND(2.00)	NS	NS	ND(1.90)
Phenacetin		NS	ND(0.740)	NS	NS	ND(0.760)
Phenanthrene		NS	0.130 J	NS	NS	ND(0.380)
Phenol		NS	ND(0.400)	NS	NS	0.780
Pronamide		NS	ND(0.400)	NS	NS	ND(0.380)
Pyrene		NS	0.220 J	NS	NS	ND(0.380)
Pyridine		NS	ND(0.400)	NS	NS	ND(0.380)
Safrole		NS	ND(0.400)	NS	NS	ND(0.380)
Thionazin		NS	ND(0.40)	NS	NS	ND(0.38)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4A / RAA4-K3 / 4-6 / 06/11/02	4A / RAA4-K11 / 1-6 / 07/02/02	4A / RAA4-K11 / 4-6 / 07/02/02	4A / RAA4-K15 / 1-6 / 06/18/02	4A / RAA4-L8 / 0-1 / 06/13/02
Furans						
2,3,7,8-TCDF		NS	ND(0.00000029) X	NS	0.0010 YEIJ [0.00080 YEIJ]	0.0000028 Y
TCDFs (total)		NS	0.0000031	NS	0.0075 QI [0.0065 QI]	0.000083
1,2,3,7,8-PeCDF		NS	0.00000021 J	NS	0.00040 Q [0.00027 Q]	ND(0.0000011)
2,3,4,7,8-PeCDF		NS	0.00000035 J	NS	0.0020 EJ [0.0016 EJ]	0.000016
PeCDFs (total)		NS	0.0000026 Q	NS	0.022 QI [0.016 QI]	0.00023 I
1,2,3,4,7,8-HxCDF		NS	0.00000032 J	NS	0.0027 EJ [0.0018 EJ]	ND(0.000010)
1,2,3,6,7,8-HxCDF		NS	0.00000030 J	NS	0.0014 EJ [0.00096]	0.0000035
1,2,3,7,8,9-HxCDF		NS	0.00000011 J	NS	0.00054 [0.00036]	ND(0.000011)
2,3,4,6,7,8-HxCDF		NS	0.00000031 J	NS	0.0023 EJ [0.0017 EJ]	0.000014
HxCDFs (total)		NS	0.0000022	NS	0.030 I [0.023]	0.00019
1,2,3,4,6,7,8-HpCDF		NS	0.00000095 J	NS	0.0023 EJ [0.0016 EJ]	0.000012
1,2,3,4,7,8,9-HpCDF		NS	0.000000095 J	NS	0.00070 J [0.00041 J]	0.0000011 J
HpCDFs (total)		NS	0.0000010	NS	0.0086 [0.0057]	0.000033
OCDF		NS	0.0000011 J	NS	0.0013 [0.00081]	0.0000055
Dioxins						
2,3,7,8-TCDD		NS	ND(0.00000010)	NS	0.0000024 [0.0000021]	ND(0.00000019)
TCDDs (total)		NS	0.00000014	NS	0.000051 Q [0.000042 Q]	ND(0.00000019)
1,2,3,7,8-PeCDD		NS	ND(0.000000095) X	NS	0.000025 [0.000018]	ND(0.0000016) X
PeCDDs (total)		NS	0.00000085	NS	0.000078 QJ [0.00014 QJ]	ND(0.00000023)
1,2,3,4,7,8-HxCDD		NS	ND(0.00000026)	NS	0.000030 [0.000022]	ND(0.00000034)
1,2,3,6,7,8-HxCDD		NS	ND(0.00000014) X	NS	0.000033 [0.000024]	ND(0.00000055) X
1,2,3,7,8,9-HxCDD		NS	0.00000013 J	NS	0.000025 [0.000018]	ND(0.00000031)
HxCDDs (total)		NS	0.0000012	NS	0.00039 [0.00030]	0.0000038
1,2,3,4,6,7,8-HpCDD		NS	0.00000072 J	NS	0.00022 [0.00016]	0.0000037
HpCDDs (total)		NS	0.0000012	NS	0.00042 [0.00032]	0.0000080
OCDD		NS	ND(0.0000049)	NS	0.00096 [0.00075]	0.000020
Total TEQs (WHO TEFs)		NS	0.00000045	NS	0.0019 [0.0014]	0.000012
Inorganics						
Antimony		NS	1.60 B	NS	NS	ND(6.00)
Arsenic		NS	7.90	NS	NS	16.0
Barium		NS	100 J	NS	NS	50.0
Beryllium		NS	ND(0.500)	NS	NS	ND(0.500)
Cadmium		NS	0.880	NS	NS	ND(0.500)
Chromium		NS	8.20	NS	NS	6.20
Cobalt		NS	10.0 J	NS	NS	5.30
Copper		NS	80.0	NS	NS	44.0
Cyanide		NS	ND(0.220)	NS	NS	ND(0.230)
Lead		NS	88.0	NS	NS	22.0
Mercury		NS	0.340	NS	NS	ND(0.110) J
Nickel		NS	20.0	NS	NS	11.0
Selenium		NS	ND(1.00)	NS	NS	ND(1.00) J
Silver		NS	ND(1.00) J	NS	NS	ND(1.00)
Sulfide		NS	140	NS	NS	90.0
Thallium		NS	ND(1.60) J	NS	NS	1.20 J
Tin		NS	ND(14.0)	NS	NS	ND(10.0)
Vanadium		NS	8.20	NS	NS	9.30
Zinc		NS	120 J	NS	NS	50.0

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	Averaging Area:	4A	4A	4A	4A	4B	4B
	Sample ID:	RAA4-M3	RAA4-M5	RAA4-M7	RAA4-O1	RAA4-1	RAA4-2
	Sample Depth(Feet):	0-1	0-1	0-1	0-1	0-1	6-8
	Date Collected:	06/11/02	04/25/02	07/03/02	04/25/02	01/30/01	01/24/01
Volatile Organics							
1,1,1,2-Tetrachloroethane		ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43)
1,1,1-Trichloroethane		ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43)
1,1,2,2-Tetrachloroethane		ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43)
1,1,2-Trichloroethane		ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43)
1,1-Dichloroethane		ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43)
1,1-Dichloroethene		ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43)
1,2,3-Trichloropropane		ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43)
1,2-Dibromo-3-chloropropane		ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43)
1,2-Dibromoethane		ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43)
1,2-Dichloroethane		ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43)
1,2-Dichloropropane		ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43)
1,4-Dioxane		ND(0.13) J	ND(0.11) J	ND(0.11)	ND(0.11) J	ND(0.20) J	ND(17) J
2-Butanone		ND(0.013)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.10)	ND(8.7)
2-Chloro-1,3-butadiene		ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43)
2-Chloroethylvinylether		ND(0.0064)	ND(0.0057) J	ND(0.0054)	ND(0.0055) J	ND(0.0069)	ND(0.43) J
2-Hexanone		ND(0.013)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.014)	ND(0.87)
3-Chloropropene		ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.014)	ND(0.87)
4-Methyl-2-pentanone		ND(0.013)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.014)	ND(0.87)
Acetone		ND(0.025)	ND(0.023)	ND(0.022)	ND(0.022)	ND(0.10)	ND(8.7)
Acetonitrile		ND(0.13)	ND(0.11) J	ND(0.11)	ND(0.11) J	ND(0.14) J	ND(8.7) J
Acrolein		ND(0.13) J	ND(0.11) J	ND(0.11)	ND(0.11) J	ND(0.14) J	ND(8.7) J
Acrylonitrile		ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.014)	ND(0.87)
Benzene		ND(0.00640)	ND(0.00570)	0.0050 J	ND(0.00550)	ND(0.00690)	0.570
Bromodichloromethane		ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43)
Bromoform		ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43)
Bromomethane		ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.014)	ND(0.87)
Carbon Disulfide		ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.010)	ND(0.87)
Carbon Tetrachloride		ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43)
Chlorobenzene		ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43)
Chloroethane		ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.014)	ND(0.87)
Chloroform		ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43)
Chloromethane		ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.014)	ND(0.87)
cis-1,3-Dichloropropene		ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43)
Dibromochloromethane		ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43)
Dibromomethane		ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43)
Dichlorodifluoromethane		ND(0.0064)	ND(0.0057) J	ND(0.0054)	ND(0.0056) J	ND(0.014)	ND(0.87) J
Ethyl Methacrylate		ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.014)	ND(0.87)
Ethylbenzene		ND(0.00640)	ND(0.00570)	ND(0.0054)	ND(0.00550)	ND(0.00690)	2.40
Iodomethane		ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43)
Isobutanol		ND(0.13)	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.28) J	ND(17) J
Methacrylonitrile		ND(0.0064) J	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.014)	ND(0.87)
Methyl Methacrylate		ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.014)	ND(0.87)
Methylene Chloride		ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43)
Propionitrile		ND(0.013)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.069) J	ND(4.3) J
Styrene		ND(0.00640)	ND(0.00570)	ND(0.0054)	ND(0.00550)	ND(0.00690)	ND(0.430)
Tetrachloroethene		ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43)
Toluene		ND(0.00640)	ND(0.00570)	0.13	ND(0.00550)	ND(0.00690)	2.80
trans-1,2-Dichloroethene		ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43)
trans-1,3-Dichloropropene		ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43)
trans-1,4-Dichloro-2-butene		ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.014)	ND(0.87)
Trichloroethene		ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43)
Trichlorofluoromethane		ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069) J	ND(0.43)
Vinyl Acetate		ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.014)	ND(0.87)
Vinyl Chloride		ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.014)	ND(0.87)
Xylenes (total)		ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	10

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4A RAA4-M3 0-1 06/11/02	4A RAA4-M5 0-1 04/25/02	4A RAA4-M7 0-1 07/03/02	4A RAA4-O1 0-1 04/25/02	4B RAA4-1 0-1 01/30/01	4B RAA4-2 6-8 01/24/01
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
1,2,4-Trichlorobenzene		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
1,2-Dichlorobenzene		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
1,2-Diphenylhydrazine		ND(0.42)	ND(0.50)	ND(0.36)	ND(0.37)	ND(4.6)	NS
1,3,5-Trinitrobenzene		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(9.20)	NS
1,3-Dichlorobenzene		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
1,3-Dinitrobenzene		ND(0.850)	ND(0.770)	ND(0.720)	ND(0.740)	ND(23.0)	NS
1,4-Dichlorobenzene		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
1,4-Naphthoquinone		ND(0.850)	ND(0.770)	ND(0.720)	ND(0.740)	ND(23.0)	NS
1-Naphthylamine		ND(0.850)	ND(0.770)	ND(0.720)	ND(0.740)	ND(23) J	NS
2,3,4,6-Tetrachlorophenol		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
2,4,5-Trichlorophenol		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
2,4,6-Trichlorophenol		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
2,4-Dichlorophenol		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
2,4-Dimethylphenol		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
2,4-Dinitrophenol		ND(2.20)	ND(2.50)	ND(1.80)	ND(1.90)	ND(23.0)	NS
2,4-Dinitrotoluene		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(23.0)	NS
2,6-Dichlorophenol		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
2,6-Dinitrotoluene		ND(0.420)	ND(0.50) J	ND(0.360)	ND(0.37) J	ND(4.60)	NS
2-Acetylaminofluorene		ND(0.850)	ND(0.770)	ND(0.720)	ND(0.740)	ND(9.20)	NS
2-Chloronaphthalene		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
2-Chlorophenol		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
2-Methylnaphthalene		ND(0.420)	ND(0.500)	0.160 J	ND(0.370)	ND(4.60)	NS
2-Methylphenol		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
2-Naphthylamine		ND(0.850)	ND(0.770)	ND(0.720)	ND(0.740)	ND(23.0)	NS
2-Nitroaniline		ND(2.20)	ND(2.50)	ND(1.80)	ND(1.90)	ND(23.0)	NS
2-Nitrophenol		ND(0.850)	ND(0.770)	ND(0.720)	ND(0.740)	ND(9.20)	NS
2-Picoline		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
3&4-Methylphenol		ND(0.850)	ND(0.770)	ND(0.720)	ND(0.740)	ND(9.20)	NS
3,3'-Dichlorobenzidine		ND(0.850)	ND(0.990)	ND(0.72) J	ND(0.740)	ND(23) J	NS
3,3'-Dimethylbenzidine		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(23.0)	NS
3-Methylcholanthrene		ND(0.850)	ND(0.770)	ND(0.720)	ND(0.740)	ND(9.20)	NS
3-Nitroaniline		ND(2.20)	ND(2.50)	ND(1.80)	ND(1.90)	ND(23.0)	NS
4,6-Dinitro-2-methylphenol		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
4-Aminobiphenyl		ND(0.850)	ND(0.770)	ND(0.720)	ND(0.740)	ND(9.20)	NS
4-Bromophenyl-phenylether		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
4-Chloro-3-Methylphenol		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
4-Chloroaniline		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(9.20)	NS
4-Chlorobenzilate		ND(0.850)	ND(0.770)	ND(0.720)	ND(0.740)	ND(23.0)	NS
4-Chlorophenyl-phenylether		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
4-Nitroaniline		ND(2.20)	ND(2.00)	ND(1.80)	ND(1.90)	ND(23.0)	NS
4-Nitrophenol		ND(2.20)	ND(2.50)	ND(1.80)	ND(1.90)	ND(23.0)	NS
4-Nitroquinoline-1-oxide		ND(0.850)	ND(0.770)	ND(0.720)	ND(0.740)	ND(23) J	NS
4-Phenylenediamine		ND(0.85) J	ND(0.77) J	ND(0.72) J	ND(0.74) J	ND(23.0)	NS
5-Nitro-o-toluidine		ND(0.850)	ND(0.770)	ND(0.720)	ND(0.740)	ND(23.0)	NS
7,12-Dimethylbenz(a)anthracene		ND(0.850)	ND(0.770)	ND(0.720)	ND(0.740)	ND(9.20)	NS
a,a'-Dimethylphenethylamine		ND(0.850)	ND(0.770)	ND(0.720)	ND(0.740)	ND(23.0)	NS
Acenaphthene		ND(0.420)	0.270 J	ND(0.360)	ND(0.370)	ND(4.60)	NS
Acenaphthylene		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	4.00 J	NS
Acetophenone		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
Aniline		5.50	8.60	0.230 J	0.370	ND(4.60)	NS
Anthracene		ND(0.420)	0.360 J	ND(0.360)	ND(0.370)	1.20 J	NS
Aramite		ND(0.850)	ND(0.770)	ND(0.720)	ND(0.740)	ND(9.2) J	NS
Benzidine		ND(0.85) J	ND(0.99)	ND(0.72) J	ND(0.74)	ND(9.2)	NS
Benzo(a)anthracene		0.0910 J	1.20	0.490	0.270 J	10.0	NS
Benzo(a)pyrene		0.110 J	1.40	0.740	0.370	11.0	NS
Benzo(b)fluoranthene		0.110 J	1.40	1.60	0.380	6.10	NS
Benzo(g,h,i)perylene		0.100 J	0.970	0.860	0.320 J	8.10	NS
Benzo(k)fluoranthene		0.120 J	1.40	0.790	0.290 J	7.80	NS
Benzyl Alcohol		ND(0.850)	ND(0.990)	ND(0.720)	ND(0.740)	ND(9.20)	NS
bis(2-Chloroethoxy)methane		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
bis(2-Chloroethyl)ether		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
bis(2-Chloroisopropyl)ether		ND(0.42) J	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area:	4A	4A	4A	4A	4B	4B
	Sample ID:	RAA4-M3	RAA4-M5	RAA4-M7	RAA4-O1	RAA4-1	RAA4-2
	Sample Depth(Feet):	0-1	0-1	0-1	0-1	0-1	6-8
	Date Collected:	06/11/02	04/25/02	07/03/02	04/25/02	01/30/01	01/24/01
Semivolatile Organics (continued)							
bis(2-Ethylhexyl)phthalate		ND(0.420)	ND(0.380)	ND(0.360)	ND(0.360)	ND(4.60)	NS
Butylbenzylphthalate		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(9.20)	NS
Chrysene		0.120 J	1.40	0.770	0.290 J	9.60	NS
Diallate		ND(0.850)	ND(0.770)	ND(0.720)	ND(0.740)	ND(9.20)	NS
Dibenzo(a,h)anthracene		ND(0.420)	ND(0.500)	0.360	ND(0.370)	ND(9.20)	NS
Dibenzofuran		ND(0.420)	0.110 J	ND(0.360)	ND(0.370)	ND(4.60)	NS
Diethylphthalate		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
Dimethylphthalate		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
Di-n-Butylphthalate		0.200 J	0.370 J	ND(0.360)	0.130 J	ND(4.60)	NS
Di-n-Octylphthalate		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
Diphenylamine		ND(0.42)	ND(0.50)	ND(0.36)	ND(0.37)	ND(4.6)	NS
Ethyl Methanesulfonate		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
Fluoranthene		0.170 J	2.50	0.720	0.570	12.0	NS
Fluorene		ND(0.420)	0.180 J	ND(0.360)	ND(0.370)	ND(4.60)	NS
Hexachlorobenzene		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
Hexachlorobutadiene		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(9.20)	NS
Hexachlorocyclopentadiene		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
Hexachloroethane		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
Hexachlorophene		ND(0.85)	ND(0.99)	ND(0.72)	ND(0.74)	ND(9.2) J	NS
Hexachloropropene		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.6) J	NS
Indeno(1,2,3-cd)pyrene		ND(0.420)	0.780	0.740	0.320 J	7.20 J	NS
Isodrin		ND(0.42)	ND(0.50)	ND(0.36)	ND(0.37)	ND(4.6)	NS
Isophorone		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
Isosafrole		ND(0.850)	ND(0.770)	ND(0.720)	ND(0.740)	ND(9.20)	NS
Methapyrilene		ND(0.850)	ND(0.770)	ND(0.720)	ND(0.740)	ND(23) J	NS
Methyl Methanesulfonate		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
Naphthalene		ND(0.420)	0.110 J	0.120 J	ND(0.370)	ND(4.60)	NS
Nitrobenzene		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
N-Nitrosodiethylamine		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
N-Nitrosodimethylamine		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(23.0)	NS
N-Nitroso-di-n-butylamine		ND(0.850)	ND(0.770)	ND(0.720)	ND(0.740)	ND(9.2) J	NS
N-Nitroso-di-n-propylamine		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(9.20)	NS
N-Nitrosodiphenylamine		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
N-Nitrosomethylethylamine		ND(0.850)	ND(0.770)	ND(0.720)	ND(0.740)	ND(4.60)	NS
N-Nitrosomorpholine		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.6) J	NS
N-Nitrosopiperidine		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
N-Nitrosopyrrolidine		ND(0.850)	ND(0.770)	ND(0.720)	ND(0.740)	ND(9.20)	NS
o,o,o-Triethylphosphorothioate		ND(0.42)	ND(0.50)	ND(0.36)	ND(0.37)	ND(4.6) J	NS
o-Toluidine		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
p-Dimethylaminoazobenzene		ND(0.850)	ND(0.770)	ND(0.720)	ND(0.740)	ND(23.0)	NS
Pentachlorobenzene		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(1.60)	NS
Pentachloroethane		ND(0.42)	ND(0.50)	ND(0.36)	ND(0.37)	ND(4.6) J	NS
Pentachloronitrobenzene		ND(0.850)	ND(0.770)	ND(0.720)	ND(0.740)	ND(23.0)	NS
Pentachlorophenol		ND(2.20)	ND(2.50)	ND(1.80)	ND(1.90)	ND(23.0)	NS
Phenacetin		ND(0.850)	ND(0.770)	ND(0.720)	ND(0.740)	ND(23.0)	NS
Phenanthrene		ND(0.420)	1.80	0.360 J	0.330 J	2.00 J	NS
Phenol		ND(0.420)	0.890	ND(0.360)	ND(0.370)	ND(4.60)	NS
Pronamide		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
Pyrene		0.150 J	2.60	0.690	0.430	22.0	NS
Pyridine		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.6) J	NS
Safrole		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
Thionazin		ND(0.42)	ND(0.50)	ND(0.36)	ND(0.37)	ND(4.6)	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	Averaging Area:	4A	4A	4A	4A	4B	4B
	Sample ID:	RAA4-M3	RAA4-M5	RAA4-M7	RAA4-O1	RAA4-1	RAA4-2
	Sample Depth(Feet):	0-1	0-1	0-1	0-1	0-1	6-8
	Date Collected:	06/11/02	04/25/02	07/03/02	04/25/02	01/30/01	01/24/01
Furans							
2,3,7,8-TCDF		0.000021 Y	0.000019 YJ	0.0000014 Y	0.00017 Y	0.000018	NS
TCDFs (total)		0.00021	0.00036 J	0.0000072	0.0022 SEJ	0.00012	NS
1,2,3,7,8-PeCDF		0.0000098	0.000069	0.00000062 J	0.000088	0.0000052	NS
2,3,4,7,8-PeCDF		0.000011	0.000014 J	0.00000075 J	0.00014	0.0000074	NS
PeCDFs (total)		0.00014	0.00061 J	0.0000061 Q	0.0056 SEJ	0.000084 Q	NS
1,2,3,4,7,8-HxCDF		0.000015	0.000037	0.00000080 J	0.00044	0.0000049	NS
1,2,3,6,7,8-HxCDF		0.0000080	0.000011	0.00000043 J	0.00027	0.0000030 J	NS
1,2,3,7,8,9-HxCDF		0.0000016 J	0.0000041 J	ND(0.00000026)	ND(0.00047) X	ND(0.00000079) X	NS
2,3,4,6,7,8-HxCDF		0.0000083	0.000017	0.00000053 J	0.00079	0.0000042	NS
HxCDFs (total)		0.00012	0.00036	0.0000060	0.0085 SEJ	0.000062	NS
1,2,3,4,6,7,8-HpCDF		0.000023	0.000031	0.0000014 J	0.0010	0.000018	NS
1,2,3,4,7,8,9-HpCDF		0.0000025 J	0.0000035 J	0.00000020 J	0.00010	0.0000011 J	NS
HpCDFs (total)		0.000038	0.000065	0.0000031	0.0027	0.000032	NS
OCDF		0.000020	0.000026	0.0000019 J	0.00039	0.000011	NS
Dioxins							
2,3,7,8-TCDD		ND(0.00000030) X	0.00000045 J	ND(0.00000015)	0.0000028	ND(0.00000034) X	NS
TCDDs (total)		0.000012	0.0000041 J	0.00000041	0.000038	0.00000082	NS
1,2,3,7,8-PeCDD		ND(0.0000014) X	ND(0.00000010) J	0.00000022 J	0.000016	0.00000043 J	NS
PeCDDs (total)		0.000010	ND(0.0000030) XJ	0.0000028 Q	0.000058	0.0000039 Q	NS
1,2,3,4,7,8-HxCDD		0.00000077 J	ND(0.00000020) J	0.00000031 J	0.000021	0.00000045 J	NS
1,2,3,6,7,8-HxCDD		0.0000012 J	ND(0.0000014) X	0.00000050 J	0.000030	0.00000078 J	NS
1,2,3,7,8,9-HxCDD		0.0000011 J	ND(0.0000020) X	0.00000068 J	0.000027	0.00000067 J	NS
HxCDDs (total)		0.000018	0.0000021 J	0.0000078	0.00030	0.0000089	NS
1,2,3,4,6,7,8-HpCDD		0.000013	0.000013	0.000011	0.00022	0.0000080	NS
HpCDDs (total)		0.000027	0.000027	0.000023	0.00051	0.000016	NS
OCDD		0.00014	0.000098	0.00022	0.00086	ND(0.000043)	NS
Total TEQs (WHO TEFs)		0.000013	0.000020	0.0000013	0.00030	0.0000081	NS
Inorganics							
Antimony		ND(6.00)	ND(6.00) J	0.890 B	1.40 J	ND(12.0)	NS
Arsenic		10.0	20.0 J	6.60	5.20 J	ND(21.0)	NS
Barium		44.0	40.0 J	73.0	69.0 J	ND(42.0)	NS
Beryllium		ND(0.500)	ND(0.500)	ND(0.500)	0.140 B	0.360	NS
Cadmium		ND(0.500)	2.30	ND(0.500)	0.590	ND(2.10)	NS
Chromium		19.0	16.0	7.00	7.40	9.90	NS
Cobalt		6.30	8.90	16.0	ND(5.00)	ND(10.0)	NS
Copper		160	130	42.0	85.0	39.0	NS
Cyanide		ND(0.130)	0.260 J	0.0770 B	ND(0.110)	5.40	NS
Lead		50.0	40.0 J	14.0	49.0 J	29.0	NS
Mercury		0.160	ND(0.110)	0.0660 B	0.310	ND(0.280)	NS
Nickel		22.0	15.0 J	10.0	11.0 J	21.0	NS
Selenium		ND(1.00) J	1.50 J	0.500 B	ND(1.00) J	ND(1.00) J	NS
Silver		ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	NS
Sulfide		45.0	77.0	520	60.0	20.0	NS
Thallium		ND(2.50)	ND(1.10) J	2.40	ND(1.10) J	ND(2.10)	NS
Tin		15.0	ND(11.0)	ND(4.10)	ND(10.0)	ND(62.0)	NS
Vanadium		28.0	34.0 J	12.0	6.80 J	14.0	NS
Zinc		96.0	86.0 J	33.0	110 J	55.0	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-2 6-15 01/24/01	4B RAA4-4 6-15 01/24/01	4B RAA4-4 12-14 01/24/01	4B RAA4-5 0-1 01/30/01	4B RAA4-8 0-1 01/30/01
Volatile Organics						
1,1,1,2-Tetrachloroethane		NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
1,1,1-Trichloroethane		NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
1,1,2,2-Tetrachloroethane		NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
1,1,2-Trichloroethane		NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
1,1-Dichloroethane		NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
1,1-Dichloroethene		NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
1,2,3-Trichloropropane		NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
1,2-Dibromo-3-chloropropane		NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
1,2-Dibromoethane		NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
1,2-Dichloroethane		NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
1,2-Dichloropropane		NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
1,4-Dioxane		NS	NS	ND(650) J	ND(0.20) J	ND(0.20) J [ND(0.20)]
2-Butanone		NS	NS	ND(320)	ND(0.10)	ND(0.10) [ND(0.10)]
2-Chloro-1,3-butadiene		NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
2-Chloroethylvinylether		NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
2-Hexanone		NS	NS	ND(32)	ND(0.013)	ND(0.013) [ND(0.016)]
3-Chloropropene		NS	NS	ND(32)	ND(0.013)	ND(0.013) [ND(0.016)]
4-Methyl-2-pentanone		NS	NS	ND(32)	ND(0.013)	ND(0.013) [ND(0.016)]
Acetone		NS	NS	ND(320)	ND(0.10)	ND(0.10) [ND(0.10)]
Acetonitrile		NS	NS	ND(320) J	ND(0.13) J	ND(0.13) J [ND(0.16)]
Acrolein		NS	NS	ND(320) J	ND(0.13) J	ND(0.13) J [ND(0.16)]
Acrylonitrile		NS	NS	ND(32)	ND(0.013)	ND(0.013) [ND(0.016)]
Benzene		NS	NS	100	ND(0.00670)	ND(0.00660) [ND(0.00800)]
Bromodichloromethane		NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
Bromoform		NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
Bromomethane		NS	NS	ND(32)	ND(0.013)	ND(0.013) [ND(0.016)]
Carbon Disulfide		NS	NS	ND(32)	ND(0.010)	ND(0.010) [ND(0.010)]
Carbon Tetrachloride		NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
Chlorobenzene		NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
Chloroethane		NS	NS	ND(32)	ND(0.013)	ND(0.013) [ND(0.016)]
Chloroform		NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
Chloromethane		NS	NS	ND(32)	ND(0.013)	ND(0.013) [ND(0.016)]
cis-1,3-Dichloropropene		NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
Dibromochloromethane		NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
Dibromomethane		NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
Dichlorodifluoromethane		NS	NS	ND(32)	ND(0.013)	ND(0.013) [ND(0.016)]
Ethyl Methacrylate		NS	NS	ND(32)	ND(0.013)	ND(0.013) [ND(0.016)]
Ethylbenzene		NS	NS	280	ND(0.00670)	ND(0.00660) [ND(0.00800)]
Iodomethane		NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
Isobutanol		NS	NS	ND(650) J	ND(0.27) J	ND(0.26) J [ND(0.32)]
Methacrylonitrile		NS	NS	ND(32)	ND(0.013)	ND(0.013) [ND(0.016)]
Methyl Methacrylate		NS	NS	ND(32)	ND(0.013)	ND(0.013) [ND(0.016)]
Methylene Chloride		NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
Propionitrile		NS	NS	ND(160) J	ND(0.067) J	ND(0.066) J [ND(0.080)]
Styrene		NS	NS	ND(16.0)	ND(0.00670)	ND(0.00660) [ND(0.00800)]
Tetrachloroethene		NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
Toluene		NS	NS	640	ND(0.00670)	ND(0.00660) [ND(0.00800)]
trans-1,2-Dichloroethene		NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
trans-1,3-Dichloropropene		NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
trans-1,4-Dichloro-2-butene		NS	NS	ND(32)	ND(0.013)	ND(0.013) [ND(0.016)]
Trichloroethene		NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
Trichlorofluoromethane		NS	NS	ND(16)	ND(0.0067) J	ND(0.0066) J [ND(0.0080)]
Vinyl Acetate		NS	NS	ND(32)	ND(0.013)	ND(0.013) [ND(0.016)]
Vinyl Chloride		NS	NS	ND(32)	ND(0.013)	ND(0.013) [ND(0.016)]
Xylenes (total)		NS	NS	450	ND(0.0067)	ND(0.013) [ND(0.016)]

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Averaging Area:	4B	4B	4B	4B	4B
Sample ID:	RAA4-2	RAA4-4	RAA4-4	RAA4-5	RAA4-8
Sample Depth(Feet):	6-15	6-15	12-14	0-1	0-1
Date Collected:	01/24/01	01/24/01	01/24/01	01/30/01	01/30/01
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
1,2,4-Trichlorobenzene	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
1,2-Dichlorobenzene	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
1,2-Diphenylhydrazine	ND(4.6)	ND(4.3)	NS	ND(8.9)	ND(4.3) [ND(5.3)]
1,3,5-Trinitrobenzene	ND(9.30)	ND(8.60)	NS	ND(18.0)	ND(8.70) [ND(10.0)]
1,3-Dichlorobenzene	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
1,3-Dinitrobenzene	ND(23.0)	ND(21.0)	NS	ND(44.0)	ND(22.0) [ND(26.0)]
1,4-Dichlorobenzene	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
1,4-Naphthoquinone	ND(23.0)	ND(21.0)	NS	ND(44.0)	ND(22.0) [ND(26.0)]
1-Naphthylamine	ND(23) J	ND(21) J	NS	ND(44) J	ND(22) J [ND(26) J]
2,3,4,6-Tetrachlorophenol	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
2,4,5-Trichlorophenol	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
2,4,6-Trichlorophenol	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
2,4-Dichlorophenol	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
2,4-Dimethylphenol	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
2,4-Dinitrophenol	ND(23.0)	ND(21.0)	NS	ND(44.0)	ND(22.0) [ND(26.0)]
2,4-Dinitrotoluene	ND(23.0)	ND(21.0)	NS	ND(44.0)	ND(22.0) [ND(26.0)]
2,6-Dichlorophenol	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
2,6-Dinitrotoluene	ND(4.6) J	ND(4.3) J	NS	ND(8.90)	ND(4.30) [ND(5.30)]
2-Acetylaminofluorene	ND(9.3) J	ND(8.6) J	NS	ND(18.0)	ND(8.70) [ND(10.0)]
2-Chloronaphthalene	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
2-Chlorophenol	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
2-Methylnaphthalene	130	330	NS	20.0	2.00 J [2.80 J]
2-Methylphenol	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
2-Naphthylamine	ND(23.0)	ND(21.0)	NS	ND(44.0)	ND(22.0) [ND(26.0)]
2-Nitroaniline	ND(23) J	ND(21) J	NS	ND(44.0)	ND(22.0) [ND(26.0)]
2-Nitrophenol	ND(9.30)	ND(8.60)	NS	ND(18.0)	ND(8.70) [ND(10.0)]
2-Picoline	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
3&4-Methylphenol	ND(9.30)	ND(8.60)	NS	ND(18.0)	ND(8.70) [ND(10.0)]
3,3'-Dichlorobenzidine	ND(23) J	ND(21) J	NS	ND(44) J	ND(22) J [ND(26) J]
3,3'-Dimethylbenzidine	ND(23) J	ND(21) J	NS	ND(44.0)	ND(22.0) [ND(26.0)]
3-Methylcholanthrene	ND(9.30)	ND(8.60)	NS	ND(18.0)	ND(8.70) [ND(10.0)]
3-Nitroaniline	ND(23.0)	ND(21.0)	NS	ND(44.0)	ND(22.0) [ND(26.0)]
4,6-Dinitro-2-methylphenol	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
4-Aminobiphenyl	ND(9.30)	ND(8.60)	NS	ND(18.0)	ND(8.70) [ND(10.0)]
4-Bromophenyl-phenylether	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
4-Chloro-3-Methylphenol	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
4-Chloroaniline	ND(9.30)	ND(8.60)	NS	ND(18.0)	ND(8.70) [ND(10.0)]
4-Chlorobenzilate	ND(23.0)	ND(21.0)	NS	ND(44.0)	ND(22.0) [ND(26.0)]
4-Chlorophenyl-phenylether	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
4-Nitroaniline	ND(23.0)	ND(21.0)	NS	ND(44.0)	ND(22.0) [ND(26.0)]
4-Nitrophenol	ND(23.0)	ND(21.0)	NS	ND(44.0)	ND(22.0) [ND(26.0)]
4-Nitroquinoline-1-oxide	ND(23) J	ND(21) J	NS	ND(44) J	ND(22) J [ND(26) J]
4-Phenylenediamine	ND(23.0)	ND(21.0)	NS	ND(44.0)	ND(22.0) [ND(26.0)]
5-Nitro-o-toluidine	ND(23.0)	ND(21.0)	NS	ND(44.0)	ND(22.0) [ND(26.0)]
7,12-Dimethylbenz(a)anthracene	ND(9.30)	ND(8.60)	NS	ND(18.0)	ND(8.70) [ND(10.0)]
a,a'-Dimethylphenethylamine	ND(23) J	ND(21) J	NS	ND(44.0)	ND(22.0) [ND(26.0)]
Acenaphthene	9.50	180	NS	8.00 J	2.70 J [ND(5.30)]
Acenaphthylene	56.0	150	NS	71.0	ND(4.30) [1.40 J]
Acetophenone	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
Aniline	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
Anthracene	58.0	290	NS	21.0	9.10 [1.80 J]
Aramite	ND(9.3) J	ND(8.6) J	NS	ND(18) J	ND(8.7) J [ND(10) J]
Benzidine	ND(9.3)	ND(8.6)	NS	ND(18)	ND(8.7) [ND(10)]
Benzo(a)anthracene	46.0	56.0	NS	63.0	15.0 [4.50 J]
Benzo(a)pyrene	30.0	50.0	NS	64.0	10.0 [3.10 J]
Benzo(b)fluoranthene	17.0	14.0	NS	40.0	6.70 [1.50 J]
Benzo(g,h,i)perylene	14.0	26.0	NS	81.0	7.80 [2.50 J]
Benzo(k)fluoranthene	22.0	30.0	NS	43.0	9.90 [2.80 J]
Benzyl Alcohol	ND(9.30)	ND(8.60)	NS	ND(18.0)	ND(8.70) [ND(10.0)]
bis(2-Chloroethoxy)methane	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
bis(2-Chloroethyl)ether	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
bis(2-Chloroisopropyl)ether	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-2 6-15 01/24/01	4B RAA4-4 6-15 01/24/01	4B RAA4-4 12-14 01/24/01	4B RAA4-5 0-1 01/30/01	4B RAA4-8 0-1 01/30/01
Semivolatile Organics (continued)						
bis(2-Ethylhexyl)phthalate		ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
Butylbenzylphthalate		ND(9.3) J	ND(8.6) J	NS	ND(18.0)	ND(8.70) [ND(10.0)]
Chrysene		38.0	55.0	NS	46.0	15.0 [5.00 J]
Diallate		ND(9.30)	ND(8.60)	NS	ND(18.0)	ND(8.70) [ND(10.0)]
Dibenzo(a,h)anthracene		ND(9.30)	ND(8.60)	NS	7.40 J	ND(8.70) [ND(10.0)]
Dibenzofuran		ND(4.60)	11.0	NS	2.00 J	2.40 J [ND(5.30)]
Diethylphthalate		ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
Dimethylphthalate		ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
Di-n-Butylphthalate		ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
Di-n-Octylphthalate		ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
Diphenylamine		ND(4.6)	ND(4.3)	NS	ND(8.9)	ND(4.3) [ND(5.3)]
Ethyl Methanesulfonate		ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
Fluoranthene		57.0	81.0	NS	110	29.0 [7.30]
Fluorene		40.0	160	NS	38.0	3.90 J [1.80 J]
Hexachlorobenzene		ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
Hexachlorobutadiene		ND(9.30)	ND(8.60)	NS	ND(18.0)	ND(8.70) [ND(10.0)]
Hexachlorocyclopentadiene		ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
Hexachloroethane		ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
Hexachlorophene		ND(9.3) J	ND(8.6) J	NS	ND(18) J	ND(8.7) J [ND(10) J]
Hexachloropropene		ND(4.6) J	ND(4.3) J	NS	ND(8.9) J	ND(4.3) J [ND(5.3) J]
Indeno(1,2,3-cd)pyrene		ND(9.30)	16.0	NS	55.0	6.70 J [1.50 J]
Isodrin		ND(4.6)	ND(4.3)	NS	ND(8.9)	ND(4.3) [ND(5.3)]
Isophorone		ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
Isosafrole		ND(9.30)	ND(8.60)	NS	ND(18.0)	ND(8.70) [ND(10.0)]
Methapyrilene		ND(23) J	ND(21) J	NS	ND(44) J	ND(22) J [ND(26) J]
Methyl Methanesulfonate		ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
Naphthalene		250	540	NS	6.90 J	3.70 J [4.50 J]
Nitrobenzene		ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
N-Nitrosodiethylamine		ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
N-Nitrosodimethylamine		ND(23.0)	ND(21.0)	NS	ND(44.0)	ND(22.0) [ND(26.0)]
N-Nitroso-di-n-butylamine		ND(9.30)	ND(8.60)	NS	ND(18) J	ND(8.7) J [ND(10) J]
N-Nitroso-di-n-propylamine		ND(9.30)	ND(8.60)	NS	ND(18.0)	ND(8.70) [ND(10.0)]
N-Nitrosodiphenylamine		ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
N-Nitrosomethylethylamine		ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
N-Nitrosomorpholine		ND(4.6) J	ND(4.3) J	NS	ND(8.9) J	ND(4.3) J [ND(5.3) J]
N-Nitrosopiperidine		ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
N-Nitrosopyrrolidine		ND(9.30)	ND(8.60)	NS	ND(18.0)	ND(8.70) [ND(10.0)]
o,o,o-Triethylphosphorothioate		ND(4.6)	ND(4.3)	NS	ND(8.9) J	ND(4.3) J [ND(5.3) J]
o-Toluidine		ND(4.6) J	ND(4.3) J	NS	ND(8.90)	ND(4.30) [ND(5.30)]
p-Dimethylaminoazobenzene		ND(23.0)	ND(21.0)	NS	ND(44.0)	ND(22.0) [ND(26.0)]
Pentachlorobenzene		ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
Pentachloroethane		ND(4.6)	ND(4.3)	NS	ND(8.9) J	ND(4.3) J [ND(5.3) J]
Pentachloronitrobenzene		ND(23) J	ND(21) J	NS	ND(44.0)	ND(22.0) [ND(26.0)]
Pentachlorophenol		ND(23.0)	ND(21.0)	NS	ND(44.0)	ND(22.0) [ND(26.0)]
Phenacetin		ND(23.0)	ND(21.0)	NS	ND(44.0)	ND(22.0) [ND(26.0)]
Phenanthrene		86.0	390	NS	150	36.0 [14.0]
Phenol		ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
Pronamide		ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
Pyrene		190	420	NS	140	28.0 [10.0]
Pyridine		ND(4.60)	ND(4.30)	NS	ND(8.9) J	ND(4.3) J [ND(5.3) J]
Safrole		ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
Thionazin		ND(4.6)	ND(4.3)	NS	ND(8.9)	ND(4.3) [ND(5.3)]

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B / RAA4-2 / 6-15 / 01/24/01	4B / RAA4-4 / 6-15 / 01/24/01	4B / RAA4-4 / 12-14 / 01/24/01	4B / RAA4-5 / 0-1 / 01/30/01	4B / RAA4-8 / 0-1 / 01/30/01
Furans						
2,3,7,8-TCDF		ND(0.000040)	ND(0.00014)	NS	0.000014	0.000044 [0.000032]
TCDFs (total)		ND(0.000040)	ND(0.00014)	NS	0.00016	0.00043 I [0.00033 I]
1,2,3,7,8-PeCDF		ND(0.000052)	ND(0.000095)	NS	0.0000069	0.000014 [0.000011]
2,3,4,7,8-PeCDF		ND(0.000051)	ND(0.000094)	NS	0.000027	0.000076 [0.000057]
PeCDFs (total)		ND(0.000052)	ND(0.000095)	NS	0.00026	0.0010 [0.00081]
1,2,3,4,7,8-HxCDF		0.000053 J	ND(0.00012)	NS	0.000014	0.000018 [0.000013]
1,2,3,6,7,8-HxCDF		0.000060 J	ND(0.00011)	NS	0.0000097	0.000031 [0.000025]
1,2,3,7,8,9-HxCDF		0.000064 J	ND(0.00013)	NS	0.0000039 J	0.0000078 [0.0000062]
2,3,4,6,7,8-HxCDF		0.000058 J	ND(0.00012)	NS	0.000021	0.00013 [0.000096]
HxCDFs (total)		0.00029	ND(0.00012)	NS	0.00028	0.0018 [0.0014]
1,2,3,4,6,7,8-HpCDF		0.00013 J	ND(0.000082)	NS	0.000042	0.00012 [0.000092]
1,2,3,4,7,8,9-HpCDF		ND(0.000075)	ND(0.000099)	NS	0.0000061	0.000011 [0.0000098]
HpCDFs (total)		0.00013	ND(0.000089)	NS	0.000092	0.00034 [0.00027]
OCDF		ND(0.00011) X	ND(0.000095)	NS	0.000032	0.000040 [0.000036]
Dioxins						
2,3,7,8-TCDD		ND(0.000042)	ND(0.00016)	NS	ND(0.0000011) X	ND(0.00000054) X [ND(0.00000043) X]
TCDDs (total)		ND(0.000042)	ND(0.00016)	NS	0.0000019	0.0000047 [0.0000057]
1,2,3,7,8-PeCDD		ND(0.000059)	ND(0.00018)	NS	0.0000021	0.0000014 [0.0000011 J]
PeCDDs (total)		ND(0.000059)	ND(0.00018)	NS	0.0000089	0.000013 [0.000012]
1,2,3,4,7,8-HxCDD		ND(0.000039)	ND(0.00015)	NS	0.0000016 J	0.0000013 J [0.0000012 J]
1,2,3,6,7,8-HxCDD		ND(0.000039)	ND(0.00015)	NS	0.0000028 J	0.0000021 J [0.0000018 J]
1,2,3,7,8,9-HxCDD		ND(0.000056) X	ND(0.00014)	NS	0.0000019 J	0.0000015 [0.0000012 J]
HxCDDs (total)		ND(0.000038)	ND(0.00014)	NS	0.000018	0.000025 [0.000022]
1,2,3,4,6,7,8-HpCDD		ND(0.000054)	ND(0.000078)	NS	0.000015	0.000027 [0.000020]
HpCDDs (total)		ND(0.000054)	ND(0.000078)	NS	0.000030	0.000053 [0.000040]
OCDD		0.00022 J	ND(0.00015) X	NS	0.000072	0.00011 [0.000080]
Total TEQs (WHO TEFs)		0.000099	0.00025	NS	0.000024	0.000066 [0.000049]
Inorganics						
Antimony		ND(12.0)	ND(12.0)	NS	ND(12.0)	ND(12.0) [ND(14.0)]
Arsenic		ND(21.0)	ND(15.0)	NS	ND(20.0)	ND(15.0) [ND(15.0)]
Barium		ND(42.0)	ND(30.0)	NS	ND(40.0)	40.0 [54.0]
Beryllium		0.300	0.260	NS	0.280	0.290 [0.370]
Cadmium		ND(2.10)	ND(1.90)	NS	ND(2.00)	ND(2.00) [ND(2.40)]
Chromium		12.0	7.70	NS	12.0	11.0 [13.0]
Cobalt		11.0	12.0	NS	ND(10.0)	11.0 [15.0]
Copper		33.0	25.0	NS	34.0	46.0 [51.0]
Cyanide		ND(1.00)	ND(1.00)	NS	9.20	ND(1.00) [ND(1.00)]
Lead		34.0 J	17.0 J	NS	34.0	44.0 [46.0]
Mercury		ND(0.280)	ND(0.260)	NS	ND(0.270)	0.300 [ND(0.320)]
Nickel		21.0	19.0	NS	14.0	19.0 [24.0]
Selenium		ND(1.00)	ND(0.970)	NS	ND(1.00) J	ND(0.990) J [ND(1.20) J]
Silver		ND(1.00)	ND(0.970)	NS	ND(1.00)	ND(0.990) [ND(1.20)]
Sulfide		160 J	770 J	NS	21.0	16.0 [ND(8.00)]
Thallium		ND(2.10)	ND(1.90)	NS	ND(2.00)	ND(2.00) [ND(2.40)]
Tin		ND(62.0)	ND(58.0)	NS	ND(60.0)	ND(59.0) [ND(72.0)]
Vanadium		11.0	ND(9.70)	NS	12.0	16.0 [19.0]
Zinc		91.0 J	54.0 J	NS	49.0	75.0 [97.0]

TABLE B-1
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PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-10 0-1 01/30/01	4B RAA4-13 0-1 01/30/01	4B RAA4-15 0-1 01/30/01	4B RAA4-16 6-15 01/24/01	4B RAA4-16 12-14 01/24/01	4B RAA4-17 0-1 01/29/01
Volatile Organics							
1,1,1,2-Tetrachloroethane		ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
1,1,1-Trichloroethane		ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
1,1,2,2-Tetrachloroethane		ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
1,1,2-Trichloroethane		ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
1,1-Dichloroethane		ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
1,1-Dichloroethene		ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
1,2,3-Trichloropropane		ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
1,2-Dibromo-3-chloropropane		ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
1,2-Dibromoethane		ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
1,2-Dichloroethane		ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
1,2-Dichloropropane		ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
1,4-Dioxane		ND(0.20) J	ND(0.20) J	ND(0.20) J	NS	ND(33) J	ND(0.20) J
2-Butanone		ND(0.10)	ND(0.10)	ND(0.10)	NS	ND(16)	ND(0.10)
2-Chloro-1,3-butadiene		ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
2-Chloroethylvinylether		ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
2-Hexanone		ND(0.015)	ND(0.017)	ND(0.014)	NS	ND(1.6)	ND(0.016)
3-Chloropropene		ND(0.015)	ND(0.017)	ND(0.014)	NS	ND(1.6)	ND(0.016)
4-Methyl-2-pentanone		ND(0.015)	ND(0.017)	ND(0.014)	NS	ND(1.6)	ND(0.016)
Acetone		ND(0.10)	ND(0.10)	ND(0.10)	NS	ND(16)	ND(0.10)
Acetonitrile		ND(0.15) J	ND(0.17) J	ND(0.14) J	NS	ND(16) J	ND(0.16)
Acrolein		ND(0.15) J	ND(0.17) J	ND(0.14) J	NS	ND(16) J	ND(0.16) J
Acrylonitrile		ND(0.015)	ND(0.017)	ND(0.014)	NS	ND(1.6)	ND(0.016)
Benzene		ND(0.00730)	ND(0.00830)	ND(0.00690)	NS	5.50	ND(0.00800)
Bromodichloromethane		ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
Bromoform		ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
Bromomethane		ND(0.015)	ND(0.017)	ND(0.014)	NS	ND(1.6)	ND(0.016)
Carbon Disulfide		ND(0.010)	ND(0.010)	ND(0.010)	NS	ND(1.6)	ND(0.010)
Carbon Tetrachloride		ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
Chlorobenzene		ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	0.66 J	ND(0.0080)
Chloroethane		ND(0.015)	ND(0.017)	ND(0.014)	NS	ND(1.6)	ND(0.016)
Chloroform		ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
Chloromethane		ND(0.015)	ND(0.017)	ND(0.014)	NS	ND(1.6)	ND(0.016)
cis-1,3-Dichloropropene		ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
Dibromochloromethane		ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
Dibromomethane		ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
Dichlorodifluoromethane		ND(0.015)	ND(0.017)	ND(0.014)	NS	ND(1.6)	ND(0.016)
Ethyl Methacrylate		ND(0.015)	ND(0.017)	ND(0.014)	NS	ND(1.6)	ND(0.016)
Ethylbenzene		ND(0.00730)	ND(0.00830)	ND(0.00690)	NS	21.0	ND(0.00800)
Iodomethane		ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
Isobutanol		ND(0.29) J	ND(0.33) J	ND(0.28) J	NS	ND(33) J	ND(0.32) J
Methacrylonitrile		ND(0.015)	ND(0.017)	ND(0.014)	NS	ND(1.6)	ND(0.016)
Methyl Methacrylate		ND(0.015)	ND(0.017)	ND(0.014)	NS	ND(1.6)	ND(0.016)
Methylene Chloride		ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
Propionitrile		ND(0.073) J	ND(0.083) J	ND(0.069) J	NS	ND(8.2) J	ND(0.080) J
Styrene		ND(0.00730)	ND(0.00830)	ND(0.00690)	NS	ND(0.820)	ND(0.00800)
Tetrachloroethene		ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
Toluene		ND(0.00730)	ND(0.00830)	ND(0.00690)	NS	27.0	ND(0.00800)
trans-1,2-Dichloroethene		ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
trans-1,3-Dichloropropene		ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
trans-1,4-Dichloro-2-butene		ND(0.015)	ND(0.017)	ND(0.014)	NS	ND(1.6)	ND(0.016)
Trichloroethene		ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
Trichlorofluoromethane		ND(0.0073) J	ND(0.0083) J	ND(0.0069) J	NS	ND(0.82)	ND(0.0080) J
Vinyl Acetate		ND(0.015)	ND(0.017)	ND(0.014)	NS	ND(1.6)	ND(0.016)
Vinyl Chloride		ND(0.015)	ND(0.017)	ND(0.014)	NS	ND(1.6)	ND(0.016)
Xylenes (total)		ND(0.015)	ND(0.0083)	ND(0.014)	NS	87	ND(0.0080)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-10 0-1 01/30/01	4B RAA4-13 0-1 01/30/01	4B RAA4-15 0-1 01/30/01	4B RAA4-16 6-15 01/24/01	4B RAA4-16 12-14 01/24/01	4B RAA4-17 0-1 01/29/01
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
1,2,4-Trichlorobenzene		ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
1,2-Dichlorobenzene		ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
1,2-Diphenylhydrazine		ND(0.48)	ND(5.5)	ND(0.88)	ND(5.0)	NS	ND(0.53)
1,3,5-Trinitrobenzene		ND(0.980)	ND(11.0)	ND(1.80)	ND(10.0)	NS	ND(1.10)
1,3-Dichlorobenzene		ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
1,3-Dinitrobenzene		ND(2.50)	ND(28.0)	ND(4.40)	ND(25.0)	NS	ND(2.70)
1,4-Dichlorobenzene		ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
1,4-Naphthoquinone		ND(2.50)	ND(28.0)	ND(4.40)	ND(25.0)	NS	ND(2.70)
1-Naphthylamine		ND(2.5) J	ND(28) J	ND(4.4) J	ND(25) J	NS	ND(2.70)
2,3,4,6-Tetrachlorophenol		ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
2,4,5-Trichlorophenol		ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
2,4,6-Trichlorophenol		ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
2,4-Dichlorophenol		ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
2,4-Dimethylphenol		ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
2,4-Dinitrophenol		ND(2.50)	ND(28.0)	ND(4.40)	ND(25.0)	NS	ND(2.70)
2,4-Dinitrotoluene		ND(2.50)	ND(28.0)	ND(4.40)	ND(25.0)	NS	ND(2.70)
2,6-Dichlorophenol		ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
2,6-Dinitrotoluene		ND(0.480)	ND(5.50)	ND(0.880)	ND(5.0) J	NS	ND(0.530)
2-Acetylaminofluorene		ND(0.980)	ND(11.0)	ND(1.80)	ND(10) J	NS	ND(1.10)
2-Chloronaphthalene		ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
2-Chlorophenol		ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
2-Methylnaphthalene		ND(0.480)	ND(5.50)	ND(0.880)	95.0	NS	ND(0.530)
2-Methylphenol		ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
2-Naphthylamine		ND(2.50)	ND(28.0)	ND(4.40)	ND(25.0)	NS	ND(2.70)
2-Nitroaniline		ND(2.50)	ND(28.0)	ND(4.40)	ND(25) J	NS	ND(2.70)
2-Nitrophenol		ND(0.980)	ND(11.0)	ND(1.80)	ND(10.0)	NS	ND(1.10)
2-Picoline		ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
3&4-Methylphenol		ND(0.980)	ND(11.0)	ND(1.80)	ND(10.0)	NS	ND(1.10)
3,3'-Dichlorobenzidine		ND(2.5) J	ND(28) J	ND(4.4) J	ND(25) J	NS	ND(2.7) J
3,3'-Dimethylbenzidine		ND(2.50)	ND(28.0)	ND(4.40)	ND(25) J	NS	ND(2.70)
3-Methylcholanthrene		ND(0.980)	ND(11.0)	ND(1.80)	ND(10.0)	NS	ND(1.10)
3-Nitroaniline		ND(2.50)	ND(28.0)	ND(4.40)	ND(25.0)	NS	ND(2.70)
4,6-Dinitro-2-methylphenol		ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
4-Aminobiphenyl		ND(0.980)	ND(11.0)	ND(1.80)	ND(10.0)	NS	ND(1.10)
4-Bromophenyl-phenylether		ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
4-Chloro-3-Methylphenol		ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
4-Chloroaniline		ND(0.980)	ND(11.0)	ND(1.80)	ND(10.0)	NS	ND(1.10)
4-Chlorobenzilate		ND(2.50)	ND(28.0)	ND(4.40)	ND(25.0)	NS	ND(2.70)
4-Chlorophenyl-phenylether		ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
4-Nitroaniline		ND(2.50)	ND(28.0)	ND(4.40)	ND(25.0)	NS	ND(2.70)
4-Nitrophenol		ND(2.50)	ND(28.0)	ND(4.40)	ND(25.0)	NS	ND(2.70)
4-Nitroquinoline-1-oxide		ND(2.5) J	ND(28) J	ND(4.4) J	ND(25) J	NS	ND(2.7) J
4-Phenylenediamine		ND(2.50)	ND(28.0)	ND(4.40)	ND(25.0)	NS	ND(2.70)
5-Nitro-o-toluidine		ND(2.50)	ND(28.0)	ND(4.40)	ND(25.0)	NS	ND(2.70)
7,12-Dimethylbenz(a)anthracene		ND(0.980)	ND(11.0)	ND(1.80)	ND(10.0)	NS	ND(1.10)
a,a'-Dimethylphenethylamine		ND(2.50)	ND(28.0)	ND(4.40)	ND(25) J	NS	ND(2.70)
Acenaphthene		ND(0.480)	ND(5.50)	ND(0.880)	8.60	NS	ND(0.530)
Acenaphthylene		ND(0.480)	4.80 J	ND(0.880)	36.0	NS	0.180 J
Acetophenone		ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
Aniline		ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
Anthracene		ND(0.480)	4.70 J	ND(0.880)	80.0	NS	ND(0.530)
Aramite		ND(0.98) J	ND(11) J	ND(1.8) J	ND(10) J	NS	ND(1.1) J
Benzidine		ND(0.98)	ND(11)	ND(1.8)	ND(10)	NS	ND(1.1) J
Benzo(a)anthracene		0.250 J	49.0	0.210 J	44.0	NS	0.280 J
Benzo(a)pyrene		ND(0.480)	38.0	ND(0.880)	37.0	NS	0.210 J
Benzo(b)fluoranthene		ND(0.480)	34.0	ND(0.880)	14.0	NS	0.170 J
Benzo(g,h,i)perylene		0.140 J	25.0	ND(0.880)	22.0	NS	0.270 J
Benzo(k)fluoranthene		ND(0.480)	35.0	ND(0.880)	26.0	NS	0.310 J
Benzyl Alcohol		ND(0.980)	ND(11.0)	ND(1.80)	ND(10.0)	NS	ND(1.10)
bis(2-Chloroethoxy)methane		ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
bis(2-Chloroethyl)ether		ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
bis(2-Chloroisopropyl)ether		ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.53) J

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:					
	4B / RAA4-10 / 0-1 / 01/30/01	4B / RAA4-13 / 0-1 / 01/30/01	4B / RAA4-15 / 0-1 / 01/30/01	4B / RAA4-16 / 6-15 / 01/24/01	4B / RAA4-16 / 12-14 / 01/24/01	4B / RAA4-17 / 0-1 / 01/29/01
Semivolatile Organics (continued)						
bis(2-Ethylhexyl)phthalate	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
Butylbenzylphthalate	ND(0.980)	ND(11.0)	ND(1.80)	ND(10) J	NS	ND(1.10)
Chrysene	0.280 J	43.0	0.340 J	40.0	NS	0.390 J
Diallate	ND(0.980)	ND(11.0)	ND(1.80)	ND(10.0)	NS	ND(1.10)
Dibenzo(a,h)anthracene	ND(0.980)	6.20 J	ND(1.80)	ND(10.0)	NS	ND(1.10)
Dibenzofuran	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
Diethylphthalate	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
Dimethylphthalate	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
Di-n-Butylphthalate	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
Di-n-Octylphthalate	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
Diphenylamine	ND(0.48)	ND(5.5)	ND(0.88)	ND(5.0)	NS	ND(0.53)
Ethyl Methanesulfonate	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
Fluoranthene	0.560	71.0	0.590 J	76.0	NS	0.290 J
Fluorene	ND(0.480)	ND(5.50)	ND(0.880)	64.0	NS	ND(0.530)
Hexachlorobenzene	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
Hexachlorobutadiene	ND(0.980)	ND(11.0)	ND(1.80)	ND(10.0)	NS	ND(1.10)
Hexachlorocyclopentadiene	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
Hexachloroethane	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
Hexachlorophene	ND(0.98) J	ND(11) J	ND(1.8) J	ND(10) J	NS	ND(1.1) J
Hexachloropropene	ND(0.48) J	ND(5.5) J	ND(0.88) J	ND(5.0) J	NS	ND(0.530)
Indeno(1,2,3-cd)pyrene	0.120 J	25.0	ND(1.80)	13.0	NS	ND(1.10)
Isodrin	ND(0.48)	ND(5.5)	ND(0.88)	ND(5.0)	NS	ND(0.53)
Isophorone	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
Isosafrole	ND(0.980)	ND(11.0)	ND(1.80)	ND(10.0)	NS	ND(1.10)
Methapyrilene	ND(2.5) J	ND(28) J	ND(4.4) J	ND(25) J	NS	ND(2.7) J
Methyl Methanesulfonate	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
Naphthalene	ND(0.480)	ND(5.50)	ND(0.880)	880	NS	ND(0.530)
Nitrobenzene	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
N-Nitrosodiethylamine	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
N-Nitrosodimethylamine	ND(2.40)	ND(28.0)	ND(4.40)	ND(25.0)	NS	ND(2.70)
N-Nitroso-di-n-butylamine	ND(0.98) J	ND(11) J	ND(1.8) J	ND(10.0)	NS	ND(1.1) J
N-Nitroso-di-n-propylamine	ND(0.980)	ND(11.0)	ND(1.80)	ND(10.0)	NS	ND(1.10)
N-Nitrosodiphenylamine	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
N-Nitrosomethylethylamine	ND(0.980)	ND(5.50)	ND(0.930)	ND(5.00)	NS	ND(1.10)
N-Nitrosomorpholine	ND(0.48) J	ND(5.5) J	ND(0.88) J	ND(5.0) J	NS	ND(0.53) J
N-Nitrosopiperidine	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
N-Nitrosopyrrolidine	ND(0.980)	ND(11.0)	ND(1.80)	ND(10.0)	NS	ND(1.10)
o,o,o-Triethylphosphorothioate	ND(0.48) J	ND(5.5) J	ND(0.88) J	ND(5.0)	NS	ND(0.53)
o-Toluidine	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.0) J	NS	ND(0.530)
p-Dimethylaminoazobenzene	ND(2.50)	ND(28.0)	ND(4.40)	ND(25.0)	NS	ND(2.70)
Pentachlorobenzene	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
Pentachloroethane	ND(0.48) J	ND(5.5) J	ND(0.88) J	ND(5.0)	NS	ND(0.53) J
Pentachloronitrobenzene	ND(2.50)	ND(28.0)	ND(4.40)	ND(25) J	NS	ND(2.7) J
Pentachlorophenol	ND(2.50)	ND(28.0)	ND(4.40)	ND(25.0)	NS	ND(2.70)
Phenacetin	ND(2.50)	ND(28.0)	ND(4.40)	ND(25.0)	NS	ND(2.70)
Phenanthrene	0.520	2.30 J	0.440 J	280	NS	0.260 J
Phenol	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
Pronamide	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
Pyrene	0.520	76.0	0.530 J	230	NS	0.810
Pyridine	ND(0.48) J	ND(5.5) J	ND(0.88) J	ND(5.00)	NS	ND(0.530)
Safrole	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
Thionazin	ND(0.48)	ND(5.5)	ND(0.88)	ND(5.0)	NS	ND(0.53)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Averaging Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	4B RAA4-10 0-1 01/30/01	4B RAA4-13 0-1 01/30/01	4B RAA4-15 0-1 01/30/01	4B RAA4-16 6-15 01/24/01	4B RAA4-16 12-14 01/24/01	4B RAA4-17 0-1 01/29/01
Furans						
2,3,7,8-TCDF	0.0000038	0.000032	0.00013	ND(0.000062)	NS	0.0000087
TCDFs (total)	0.000033	0.00034	0.0010	ND(0.000062)	NS	0.00012 I
1,2,3,7,8-PeCDF	0.0000013 J	0.000012	0.000031	ND(0.000059)	NS	0.0000038
2,3,4,7,8-PeCDF	0.0000024	0.00018	0.000049	ND(0.000058)	NS	0.000035
PeCDFs (total)	0.000024	0.0016 Q	0.00055 Q	ND(0.000058)	NS	0.00052
1,2,3,4,7,8-HxCDF	0.0000026	0.000017	0.000022	ND(0.000054)	NS	ND(0.0000076) X
1,2,3,6,7,8-HxCDF	0.0000013 J	0.000030	0.000016	ND(0.000050)	NS	0.000016
1,2,3,7,8,9-HxCDF	0.00000037 J	0.0000078	0.0000038	ND(0.000059)	NS	ND(0.0000033)
2,3,4,6,7,8-HxCDF	0.0000016 J	0.000089	0.000026	ND(0.000055)	NS	0.000063
HxCDFs (total)	0.000023	0.0011	0.00035	ND(0.000054)	NS	0.00086
1,2,3,4,6,7,8-HpCDF	ND(0.0000056)	0.000041	0.000042	ND(0.000092)	NS	0.000059
1,2,3,4,7,8,9-HpCDF	0.00000098 J	0.0000054	0.0000050	ND(0.00011)	NS	0.0000052
HpCDFs (total)	0.000012	0.00011	0.000091	ND(0.00010)	NS	0.00017
OCDF	0.000011	0.000030	0.000032	ND(0.00011)	NS	0.000016
Dioxins						
2,3,7,8-TCDD	ND(0.000000095)	ND(0.00000055) X	0.0000011	ND(0.000084)	NS	0.00000083
TCDDs (total)	0.00000030	0.0000012	0.000023	ND(0.000084)	NS	0.0000083
1,2,3,7,8-PeCDD	ND(0.000000070)	0.0000019 J	0.0000018 J	ND(0.000080)	NS	ND(0.0000011) X
PeCDDs (total)	ND(0.00000082)	0.000022 Q	0.000026 Q	ND(0.000080)	NS	0.000023
1,2,3,4,7,8-HxCDD	ND(0.000000097)	0.0000014 J	0.00000086 J	ND(0.000064)	NS	0.00000071 J
1,2,3,6,7,8-HxCDD	0.00000026	ND(0.0000035) X	0.0000018 J	ND(0.000063)	NS	ND(0.00000098) X
1,2,3,7,8,9-HxCDD	ND(0.00000011) X	0.0000020 J	0.0000011 J	ND(0.000058)	NS	0.00000071 J
HxCDDs (total)	0.0000012	0.000038 Q	0.000020	ND(0.000062)	NS	0.000031
1,2,3,4,6,7,8-HpCDD	ND(0.0000025)	0.000029	0.000017	ND(0.000077)	NS	0.000011
HpCDDs (total)	0.0000063	0.000056	0.000036	ND(0.000077)	NS	0.000022
OCDD	ND(0.000014)	0.00017	0.000094	ND(0.00012)	NS	0.000041
Total TEQs (WHO TEFs)	0.0000024	0.00011	0.000050	0.00012	NS	0.000029
Inorganics						
Antimony	ND(13.0)	ND(15.0)	ND(12.0)	ND(12.0)	NS	ND(14.0)
Arsenic	ND(15.0)	ND(25.0)	ND(15.0)	ND(15.0)	NS	ND(24.0)
Barium	97.0	ND(50.0)	38.0	36.0	NS	ND(48.0)
Beryllium	0.330	0.310	0.340	0.350	NS	0.430
Cadmium	ND(2.20)	ND(2.50)	ND(2.10)	ND(2.00)	NS	ND(2.40)
Chromium	15.0	11.0	16.0	9.80	NS	11.0
Cobalt	16.0	ND(12.0)	14.0	16.0	NS	ND(12.0)
Copper	78.0	35.0	41.0	36.0	NS	33.0
Cyanide	ND(1.00)	ND(1.00)	ND(1.00)	79.0	NS	ND(1.00)
Lead	76.0	37.0	46.0	13.0 J	NS	28.0
Mercury	ND(0.290)	ND(0.330)	ND(0.280)	ND(0.260)	NS	ND(0.320)
Nickel	30.0	20.0	25.0	27.0	NS	21.0
Selenium	ND(1.10) J	ND(1.20) J	ND(1.00) J	ND(0.980)	NS	ND(1.20) J
Silver	ND(1.10)	ND(1.20)	ND(1.00)	ND(0.980)	NS	ND(1.20)
Sulfide	25.0	ND(8.30)	ND(6.90)	1600 J	NS	23.0
Thallium	2.30	ND(2.50)	ND(2.10)	ND(2.00)	NS	ND(2.40)
Tin	ND(66.0)	ND(75.0)	ND(62.0)	ND(59.0)	NS	ND(72.0)
Vanadium	16.0	14.0	14.0	12.0	NS	16.0
Zinc	160	67.0	95.0	52.0 J	NS	63.0

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	Averaging Area:	4B	4B	4B	4B	4B	4B
	Sample ID:	RAA4-18	RAA4-18	RAA4-19	RAA4-19	RAA4-19	RAA4-21
	Sample Depth(Feet):	1-6	4-6	0-1	1-6	3-4	6-15
Parameter	Date Collected:	01/29/01	01/29/01	01/29/01	01/29/01	01/29/01	01/29/01
Volatile Organics							
1,1,1,2-Tetrachloroethane		NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
1,1,1-Trichloroethane		NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
1,1,2,2-Tetrachloroethane		NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
1,1,2-Trichloroethane		NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
1,1-Dichloroethane		NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
1,1-Dichloroethene		NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
1,2,3-Trichloropropane		NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
1,2-Dibromo-3-chloropropane		NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
1,2-Dibromoethane		NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
1,2-Dichloroethane		NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
1,2-Dichloropropane		NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
1,4-Dioxane		NS	ND(0.20) J	ND(0.20) J	NS	ND(0.20) J	NS
2-Butanone		NS	ND(0.10)	ND(0.10)	NS	ND(0.10)	NS
2-Chloro-1,3-buladiene		NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
2-Chloroethylvinylether		NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
2-Hexanone		NS	ND(0.011)	ND(0.014)	NS	ND(0.011)	NS
3-Chloropropene		NS	ND(0.011)	ND(0.014)	NS	ND(0.011)	NS
4-Methyl-2-pentanone		NS	ND(0.011)	ND(0.014)	NS	ND(0.011)	NS
Acetone		NS	ND(0.10)	ND(0.10)	NS	ND(0.10)	NS
Acetonitrile		NS	ND(0.11)	ND(0.14)	NS	ND(0.11)	NS
Acrolein		NS	ND(0.11) J	ND(0.14) J	NS	ND(0.11) J	NS
Acrylonitrile		NS	ND(0.011)	ND(0.014)	NS	ND(0.011)	NS
Benzene		NS	ND(0.00570)	ND(0.00720)	NS	ND(0.00540)	NS
Bromodichloromethane		NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
Bromoform		NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
Bromomethane		NS	ND(0.011)	ND(0.014)	NS	ND(0.011)	NS
Carbon Disulfide		NS	ND(0.010)	ND(0.010)	NS	ND(0.010)	NS
Carbon Tetrachloride		NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
Chlorobenzene		NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
Chloroethane		NS	ND(0.011)	ND(0.014)	NS	ND(0.011)	NS
Chloroform		NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
Chloromethane		NS	ND(0.011)	ND(0.014)	NS	ND(0.011)	NS
cis-1,3-Dichloropropene		NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
Dibromochloromethane		NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
Dibromomethane		NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
Dichlorodifluoromethane		NS	ND(0.011)	ND(0.014)	NS	ND(0.011)	NS
Ethyl Methacrylate		NS	ND(0.011)	ND(0.014)	NS	ND(0.011)	NS
Ethylbenzene		NS	ND(0.00570)	ND(0.00720)	NS	ND(0.00540)	NS
Iodomethane		NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
Isobutanol		NS	ND(0.23) J	ND(0.29) J	NS	ND(0.22) J	NS
Methacrylonitrile		NS	ND(0.011)	ND(0.014)	NS	ND(0.011)	NS
Methyl Methacrylate		NS	ND(0.011)	ND(0.014)	NS	ND(0.011)	NS
Methylene Chloride		NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
Propionitrile		NS	ND(0.057) J	ND(0.072) J	NS	ND(0.054) J	NS
Styrene		NS	ND(0.00570)	ND(0.00720)	NS	ND(0.00540)	NS
Tetrachloroethene		NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
Toluene		NS	ND(0.00570)	ND(0.00720)	NS	ND(0.00540)	NS
trans-1,2-Dichloroethene		NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
trans-1,3-Dichloropropene		NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
trans-1,4-Dichloro-2-butene		NS	ND(0.011)	ND(0.014)	NS	ND(0.011)	NS
Trichloroethene		NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
Trichlorofluoromethane		NS	ND(0.0057) J	ND(0.0072) J	NS	ND(0.0054) J	NS
Vinyl Acetate		NS	ND(0.011)	ND(0.014)	NS	ND(0.011)	NS
Vinyl Chloride		NS	ND(0.011)	ND(0.014)	NS	ND(0.011)	NS
Xylenes (total)		NS	ND(0.011)	ND(0.014)	NS	ND(0.011)	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	Averaging Area:	4B	4B	4B	4B	4B	4B
	Sample ID:	RAA4-18	RAA4-18	RAA4-19	RAA4-19	RAA4-19	RAA4-21
	Sample Depth(Feet):	1-6	4-6	0-1	1-6	3-4	6-15
Parameter	Date Collected:	01/29/01	01/29/01	01/29/01	01/29/01	01/29/01	01/29/01
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
1,2,4-Trichlorobenzene		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
1,2-Dichlorobenzene		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
1,2-Diphenylhydrazine		ND(0.38)	NS	ND(0.48)	ND(0.36)	NS	ND(0.55)
1,3,5-Trinitrobenzene		ND(0.760)	NS	ND(0.970)	ND(0.720)	NS	ND(1.10)
1,3-Dichlorobenzene		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
1,3-Dinitrobenzene		ND(1.90)	NS	ND(2.40)	ND(1.80)	NS	ND(2.80)
1,4-Dichlorobenzene		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
1,4-Naphthoquinone		ND(1.90)	NS	ND(2.40)	ND(1.80)	NS	ND(2.80)
1-Naphthylamine		ND(1.90)	NS	ND(2.40)	ND(1.80)	NS	ND(2.80)
2,3,4,6-Tetrachlorophenol		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
2,4,5-Trichlorophenol		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
2,4,6-Trichlorophenol		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
2,4-Dichlorophenol		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
2,4-Dimethylphenol		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
2,4-Dinitrophenol		ND(1.90)	NS	ND(2.4) J	ND(1.8) J	NS	ND(2.8) J
2,4-Dinitrotoluene		ND(1.90)	NS	ND(2.40)	ND(1.80)	NS	ND(2.80)
2,6-Dichlorophenol		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
2,6-Dinitrotoluene		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
2-Acetylaminofluorene		ND(0.760)	NS	ND(0.970)	ND(0.720)	NS	ND(1.10)
2-Chloronaphthalene		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
2-Chlorophenol		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
2-Methylnaphthalene		ND(0.380)	NS	0.0970 J	ND(0.360)	NS	ND(0.550)
2-Methylphenol		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
2-Naphthylamine		ND(1.90)	NS	ND(2.40)	ND(1.80)	NS	ND(2.80)
2-Nitroaniline		ND(1.90)	NS	ND(2.40)	ND(1.80)	NS	ND(2.80)
2-Nitrophenol		ND(0.760)	NS	ND(0.970)	ND(0.720)	NS	ND(1.10)
2-Picoline		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
3&4-Methylphenol		ND(0.760)	NS	ND(0.970)	ND(0.720)	NS	ND(1.10)
3,3'-Dichlorobenzidine		ND(1.9) J	NS	ND(2.40)	ND(1.80)	NS	ND(2.80)
3,3'-Dimethylbenzidine		ND(1.90)	NS	ND(2.40)	ND(1.80)	NS	ND(2.80)
3-Methylcholanthrene		ND(0.760)	NS	ND(0.970)	ND(0.720)	NS	ND(1.10)
3-Nitroaniline		ND(1.90)	NS	ND(2.40)	ND(1.80)	NS	ND(2.80)
4,6-Dinitro-2-methylphenol		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
4-Aminobiphenyl		ND(0.760)	NS	ND(0.970)	ND(0.720)	NS	ND(1.10)
4-Bromophenyl-phenylether		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
4-Chloro-3-Methylphenol		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
4-Chloroaniline		ND(0.760)	NS	ND(0.970)	ND(0.720)	NS	ND(1.10)
4-Chlorobenzilate		ND(1.90)	NS	ND(2.40)	ND(1.80)	NS	ND(2.80)
4-Chlorophenyl-phenylether		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
4-Nitroaniline		ND(1.90)	NS	ND(2.40)	ND(1.80)	NS	ND(2.80)
4-Nitrophenol		ND(1.90)	NS	ND(2.40)	ND(1.80)	NS	ND(2.80)
4-Nitroquinoline-1-oxide		ND(1.9) J	NS	ND(2.40)	ND(1.80)	NS	ND(2.80)
4-Phenylenediamine		ND(1.90)	NS	ND(2.40)	ND(1.80)	NS	ND(2.80)
5-Nitro-o-toluidine		ND(1.90)	NS	ND(2.40)	ND(1.80)	NS	ND(2.80)
7,12-Dimethylbenz(a)anthracene		ND(0.760)	NS	ND(0.970)	ND(0.720)	NS	ND(1.10)
a,a'-Dimethylphenethylamine		ND(1.90)	NS	ND(2.40)	ND(1.80)	NS	ND(2.80)
Acenaphthene		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
Acenaphthylene		ND(0.380)	NS	0.200 J	ND(0.360)	NS	ND(0.550)
Acetophenone		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
Aniline		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
Anthracene		ND(0.380)	NS	0.170 J	ND(0.360)	NS	ND(0.550)
Aramite		ND(0.76) J	NS	ND(0.97) J	ND(0.72) J	NS	ND(1.1) J
Benzidine		ND(0.76) J	NS	ND(0.97) J	ND(0.72) J	NS	ND(1.1) J
Benzo(a)anthracene		ND(0.380)	NS	0.570	ND(0.360)	NS	ND(0.550)
Benzo(a)pyrene		ND(0.380)	NS	0.580	ND(0.360)	NS	ND(0.550)
Benzo(b)fluoranthene		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
Benzo(g,h,i)perylene		ND(0.380)	NS	0.520	ND(0.360)	NS	ND(0.550)
Benzo(k)fluoranthene		ND(0.380)	NS	0.470 J	ND(0.360)	NS	ND(0.550)
Benzyl Alcohol		ND(0.760)	NS	ND(0.970)	ND(0.720)	NS	ND(1.10)
bis(2-Chloroethoxy)methane		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
bis(2-Chloroethyl)ether		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
bis(2-Chloroisopropyl)ether		ND(0.38) J	NS	ND(0.48) J	ND(0.36) J	NS	ND(0.55) J

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	Averaging Area:	4B	4B	4B	4B	4B	4B
	Sample ID:	RAA4-18	RAA4-18	RAA4-19	RAA4-19	RAA4-19	RAA4-21
	Sample Depth(Feet):	1-6	4-6	0-1	1-6	3-4	6-15
Parameter	Date Collected:	01/29/01	01/29/01	01/29/01	01/29/01	01/29/01	01/29/01
Semivolatile Organics (continued)							
bis(2-Ethylhexyl)phthalate		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
Butylbenzylphthalate		ND(0.760)	NS	ND(0.970)	ND(0.720)	NS	ND(1.10)
Chrysene		0.0880 J	NS	0.610	ND(0.360)	NS	ND(0.550)
Diallate		ND(0.760)	NS	ND(0.970)	ND(0.720)	NS	ND(1.10)
Dibenzo(a,h)anthracene		ND(0.760)	NS	ND(0.970)	ND(0.720)	NS	ND(1.10)
Dibenzofuran		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
Diethylphthalate		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
Dimethylphthalate		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
Di-n-Butylphthalate		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
Di-n-Octylphthalate		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
Diphenylamine		ND(0.38)	NS	ND(0.48)	ND(0.36)	NS	ND(0.55)
Ethyl Methanesulfonate		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
Fluoranthene		0.0820 J	NS	1.00	ND(0.360)	NS	ND(0.550)
Fluorene		ND(0.380)	NS	0.160 J	ND(0.360)	NS	ND(0.550)
Hexachlorobenzene		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
Hexachlorobutadiene		ND(0.760)	NS	ND(0.970)	ND(0.720)	NS	ND(1.10)
Hexachlorocyclopentadiene		ND(0.380)	NS	ND(0.48) J	ND(0.36) J	NS	ND(0.55) J
Hexachloroethane		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
Hexachlorophene		ND(0.76) J	NS	ND(0.97) J	ND(0.72) J	NS	ND(1.1) J
Hexachloropropene		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
Indeno(1,2,3-cd)pyrene		ND(0.760)	NS	0.400 J	ND(0.720)	NS	ND(1.10)
Isodrin		ND(0.38)	NS	ND(0.48)	ND(0.36)	NS	ND(0.55)
Isophorone		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
Isosafrole		ND(0.760)	NS	ND(0.970)	ND(0.720)	NS	ND(1.10)
Methapyrilene		ND(1.9) J	NS	ND(2.40)	ND(1.80)	NS	ND(2.80)
Methyl Methanesulfonate		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
Naphthalene		ND(0.380)	NS	0.200 J	ND(0.360)	NS	ND(0.550)
Nitrobenzene		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
N-Nitrosodiethylamine		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
N-Nitrosodimethylamine		ND(1.90)	NS	ND(2.40)	ND(1.80)	NS	ND(2.70)
N-Nitroso-di-n-butylamine		ND(0.76) J	NS	ND(0.97) J	ND(0.72) J	NS	ND(1.1) J
N-Nitroso-di-n-propylamine		ND(0.760)	NS	ND(0.970)	ND(0.720)	NS	ND(1.10)
N-Nitrosodiphenylamine		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
N-Nitrosomethylethylamine		ND(0.760)	NS	ND(0.970)	ND(0.720)	NS	ND(1.10)
N-Nitrosomorpholine		ND(0.38) J	NS	ND(0.48) J	ND(0.36) J	NS	ND(0.55) J
N-Nitrosopiperidine		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
N-Nitrosopyrrolidine		ND(0.760)	NS	ND(0.970)	ND(0.720)	NS	ND(1.10)
o,o,o-Triethylphosphorothioate		ND(0.38)	NS	ND(0.48) J	ND(0.36) J	NS	ND(0.55) J
o-Toluidine		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
p-Dimethylaminoazobenzene		ND(1.90)	NS	ND(2.40)	ND(1.80)	NS	ND(2.80)
Pentachlorobenzene		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
Pentachloroethane		ND(0.38) J	NS	ND(0.48)	ND(0.36)	NS	ND(0.55)
Pentachloronitrobenzene		ND(1.9) J	NS	ND(2.40)	ND(1.80)	NS	ND(2.80)
Pentachlorophenol		ND(1.90)	NS	ND(2.40)	ND(1.80)	NS	ND(2.80)
Phenacetin		ND(1.90)	NS	ND(2.40)	ND(1.80)	NS	ND(2.80)
Phenanthrene		ND(0.380)	NS	1.10	ND(0.360)	NS	0.120 J
Phenol		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
Pronamide		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
Pyrene		0.100 J	NS	1.10	ND(0.360)	NS	ND(0.550)
Pyridine		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
Safrole		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
Thionazin		ND(0.38)	NS	ND(0.48)	ND(0.36)	NS	ND(0.55)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	Averaging Area:	4B	4B	4B	4B	4B	4B
	Sample ID:	RAA4-18	RAA4-18	RAA4-19	RAA4-19	RAA4-19	RAA4-21
	Sample Depth(Feet):	1-6	4-6	0-1	1-6	3-4	6-15
Parameter	Date Collected:	01/29/01	01/29/01	01/29/01	01/29/01	01/29/01	01/29/01
Furans							
2,3,7,8-TCDF		ND(0.000010)	NS	0.000018	ND(0.000011)	NS	ND(0.000014)
TCDFs (total)		ND(0.000010)	NS	0.00016 i	ND(0.000011)	NS	ND(0.000014)
1,2,3,7,8-PeCDF		ND(0.000020)	NS	0.0000049	ND(0.000015)	NS	ND(0.000017)
2,3,4,7,8-PeCDF		ND(0.000019)	NS	0.0000080	ND(0.000015)	NS	ND(0.000017)
PeCDFs (total)		0.000042	NS	0.00011	ND(0.000015)	NS	ND(0.000017)
1,2,3,4,7,8-HxCDF		ND(0.00018)	NS	0.0000044	ND(0.0000094)	NS	ND(0.000012)
1,2,3,6,7,8-HxCDF		ND(0.00017)	NS	0.0000039	ND(0.0000088)	NS	ND(0.000011)
1,2,3,7,8,9-HxCDF		ND(0.00020)	NS	0.00000088 J	ND(0.000010)	NS	ND(0.000013)
2,3,4,6,7,8-HxCDF		ND(0.00018)	NS	0.0000077	ND(0.0000095)	NS	ND(0.000012)
HxCDFs (total)		0.000066	NS	0.00011	ND(0.0000095)	NS	ND(0.000012)
1,2,3,4,6,7,8-HpCDF		0.000021 J	NS	0.000012	ND(0.0000087)	NS	ND(0.000012)
1,2,3,4,7,8,9-HpCDF		ND(0.000053)	NS	0.0000014 J	ND(0.000010)	NS	ND(0.000014)
HpCDFs (total)		0.000021	NS	0.000028	ND(0.0000095)	NS	ND(0.000013)
OCDF		ND(0.000023)	NS	0.0000089	ND(0.000022)	NS	ND(0.000020)
Dioxins							
2,3,7,8-TCDD		ND(0.000016)	NS	ND(0.00000030) X	ND(0.000018)	NS	ND(0.000019)
TCDDs (total)		ND(0.000016)	NS	0.0000027	ND(0.000018)	NS	ND(0.000019)
1,2,3,7,8-PeCDD		ND(0.000026)	NS	ND(0.00000093) X	ND(0.000017)	NS	ND(0.000020)
PeCDDs (total)		ND(0.000026)	NS	0.0000034	ND(0.000017)	NS	ND(0.000020)
1,2,3,4,7,8-HxCDD		ND(0.000014)	NS	0.00000028 J	ND(0.000011)	NS	ND(0.000012)
1,2,3,6,7,8-HxCDD		ND(0.000014)	NS	0.00000050 J	ND(0.000011)	NS	ND(0.000012)
1,2,3,7,8,9-HxCDD		ND(0.000013)	NS	0.00000039 J	ND(0.000010)	NS	ND(0.000011)
HxCDDs (total)		ND(0.000014)	NS	0.0000051	ND(0.000011)	NS	ND(0.000012)
1,2,3,4,6,7,8-HpCDD		ND(0.000023)	NS	0.0000072	ND(0.000018)	NS	ND(0.000021)
HpCDDs (total)		ND(0.000023)	NS	0.000017	ND(0.000018)	NS	ND(0.000021)
OCDD		ND(0.000029)	NS	0.000057	ND(0.000027)	NS	ND(0.000036)
Total TEQs (WHO TEFs)		0.000066	NS	0.0000087	0.000026	NS	0.000029
Inorganics							
Antimony		ND(10.0)	NS	ND(13.0)	ND(9.70)	NS	ND(15.0)
Arsenic		ND(15.0)	NS	ND(15.0)	ND(15.0)	NS	ND(25.0)
Barium		32.0	NS	53.0	ND(30.0)	NS	76.0
Beryllium		0.290	NS	0.410	0.250	NS	0.680
Cadmium		ND(1.70)	NS	ND(2.20)	ND(1.60)	NS	ND(2.50)
Chromium		7.30	NS	11.0	6.90	NS	17.0
Cobalt		9.80	NS	ND(11.0)	8.20	NS	18.0
Copper		ND(17.0)	NS	54.0	17.0	NS	30.0
Cyanide		ND(1.00)	NS	ND(1.00)	ND(1.00)	NS	ND(1.00)
Lead		12.0	NS	60.0	8.40	NS	18.0
Mercury		ND(0.230)	NS	ND(0.290)	ND(0.220)	NS	ND(0.330)
Nickel		15.0	NS	22.0	14.0	NS	32.0
Selenium		ND(0.850) J	NS	ND(1.20) J	ND(0.810) J	NS	ND(1.20) J
Silver		ND(0.850)	NS	ND(1.10)	ND(0.810)	NS	ND(1.20)
Sulfide		13.0	NS	23.0	6.90	NS	16.0
Thallium		ND(1.70)	NS	ND(2.20)	ND(1.60)	NS	ND(2.50)
Tin		ND(51.0)	NS	ND(65.0)	ND(48.0)	NS	ND(74.0)
Vanadium		ND(8.50)	NS	24.0	ND(8.10)	NS	17.0
Zinc		48.0	NS	86.0	32.0	NS	88.0

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-21 12-14 01/29/01	4B RAA4-22 1-6 01/31/01	4B RAA4-22 4-6 01/31/01	4B RAA4-A33 0-1 05/16/02	4B RAA4-A34 1-6 05/16/02	4B RAA4-A35 0-1 05/16/02
Volatile Organics							
1,1,1,2-Tetrachloroethane		ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
1,1,1-Trichloroethane		ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
1,1,2,2-Tetrachloroethane		ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
1,1,2-Trichloroethane		ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
1,1-Dichloroethane		ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
1,1-Dichloroethene		ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
1,2,3-Trichloropropane		ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
1,2-Dibromo-3-chloropropane		ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
1,2-Dibromoethane		ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
1,2-Dichloroethane		ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
1,2-Dichloropropane		ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
1,4-Dioxane		ND(0.20) J	NS	ND(0.20) J	ND(0.12) J	NS	ND(0.11) J
2-Butanone		ND(0.10)	NS	ND(0.10)	ND(0.012)	NS	ND(0.011)
2-Chloro-1,3-butadiene		ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
2-Chloroethylvinylether		ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
2-Hexanone		ND(0.016)	NS	ND(0.014)	ND(0.012) J	NS	ND(0.011) J
3-Chloropropene		ND(0.016)	NS	ND(0.014)	ND(0.0061)	NS	ND(0.0056)
4-Methyl-2-pentanone		ND(0.016)	NS	ND(0.014)	ND(0.012)	NS	ND(0.011)
Acetone		ND(0.10)	NS	ND(0.10)	ND(0.024)	NS	ND(0.022)
Acetonitrile		ND(0.16)	NS	ND(0.14) J	ND(0.12) J	NS	ND(0.11) J
Acrolein		ND(0.16) J	NS	ND(0.14) J	ND(0.12) J	NS	ND(0.11) J
Acrylonitrile		ND(0.016)	NS	ND(0.014)	ND(0.0061)	NS	ND(0.0056)
Benzene		ND(0.00830)	NS	ND(0.00680)	ND(0.00610)	NS	ND(0.00560)
Bromodichloromethane		ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
Bromoform		ND(0.0083)	NS	ND(0.0068)	ND(0.0061) J	NS	ND(0.0056) J
Bromomethane		ND(0.016)	NS	ND(0.014)	ND(0.0061)	NS	ND(0.0056)
Carbon Disulfide		ND(0.010)	NS	ND(0.010)	ND(0.0061)	NS	ND(0.0056)
Carbon Tetrachloride		ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
Chlorobenzene		ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
Chloroethane		ND(0.016)	NS	ND(0.014)	ND(0.0061) J	NS	ND(0.0056) J
Chloroform		ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
Chloromethane		ND(0.016)	NS	ND(0.014)	ND(0.0061)	NS	ND(0.0056)
cis-1,3-Dichloropropene		ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
Dibromochloromethane		ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
Dibromomethane		ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
Dichlorodifluoromethane		ND(0.016)	NS	ND(0.014)	ND(0.0061)	NS	ND(0.0056)
Ethyl Methacrylate		ND(0.016)	NS	ND(0.014)	ND(0.0061)	NS	ND(0.0056)
Ethylbenzene		ND(0.00830)	NS	ND(0.00680)	ND(0.00610)	NS	ND(0.00560)
Iodomethane		ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
Isobutanol		ND(0.33) J	NS	ND(0.27) J	ND(0.12) J	NS	ND(0.11) J
Methacrylonitrile		ND(0.016)	NS	ND(0.014)	ND(0.0061)	NS	ND(0.0056)
Methyl Methacrylate		ND(0.016)	NS	ND(0.014)	ND(0.0061)	NS	ND(0.0056)
Methylene Chloride		ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
Propionitrile		ND(0.083) J	NS	ND(0.068) J	ND(0.012)	NS	ND(0.011)
Styrene		ND(0.00830)	NS	ND(0.00680)	ND(0.00610)	NS	ND(0.00560)
Tetrachloroethene		ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
Toluene		ND(0.00830)	NS	ND(0.00680)	ND(0.00610)	NS	ND(0.00560)
trans-1,2-Dichloroethene		ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
trans-1,3-Dichloropropene		ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
trans-1,4-Dichloro-2-butene		ND(0.016)	NS	ND(0.014)	ND(0.0061)	NS	ND(0.0056)
Trichloroethene		ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
Trichlorofluoromethane		ND(0.0083) J	NS	ND(0.0068) J	ND(0.0061)	NS	ND(0.0056)
Vinyl Acetate		ND(0.016)	NS	ND(0.014)	ND(0.0061)	NS	ND(0.0056)
Vinyl Chloride		ND(0.016)	NS	ND(0.014)	ND(0.0061)	NS	ND(0.0056)
Xylenes (total)		ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	Averaging Area:	4B	4B	4B	4B	4B	4B
	Sample ID:	RAA4-21	RAA4-22	RAA4-22	RAA4-A33	RAA4-A34	RAA4-A35
	Sample Depth(Feet):	12-14	1-6	4-6	0-1	1-6	0-1
	Date Collected:	01/29/01	01/31/01	01/31/01	05/16/02	05/16/02	05/16/02
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
1,2,4-Trichlorobenzene		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
1,2-Dichlorobenzene		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
1,2-Diphenylhydrazine		NS	ND(0.54)	NS	ND(0.41)	NS	ND(0.37)
1,3,5-Trinitrobenzene		NS	ND(1.10)	NS	ND(0.410)	NS	ND(0.370)
1,3-Dichlorobenzene		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
1,3-Dinitrobenzene		NS	ND(2.70)	NS	ND(0.820)	NS	ND(0.750)
1,4-Dichlorobenzene		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
1,4-Naphthoquinone		NS	ND(2.70)	NS	ND(0.820)	NS	ND(0.750)
1-Naphthylamine		NS	ND(2.7) J	NS	ND(0.820)	NS	ND(0.750)
2,3,4,6-Tetrachlorophenol		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
2,4,5-Trichlorophenol		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
2,4,6-Trichlorophenol		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
2,4-Dichlorophenol		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
2,4-Dimethylphenol		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
2,4-Dinitrophenol		NS	ND(2.70)	NS	ND(2.10)	NS	ND(1.90)
2,4-Dinitrotoluene		NS	ND(2.70)	NS	ND(0.410)	NS	ND(0.370)
2,6-Dichlorophenol		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
2,6-Dinitrotoluene		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
2-Acetylaminofluorene		NS	ND(1.10)	NS	ND(0.820)	NS	ND(0.750)
2-Chloronaphthalene		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
2-Chlorophenol		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
2-Methylnaphthalene		NS	ND(0.540)	NS	0.110 J	NS	ND(0.370)
2-Methylphenol		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
2-Naphthylamine		NS	ND(2.7) J	NS	ND(0.820)	NS	ND(0.750)
2-Nitroaniline		NS	ND(2.70)	NS	ND(2.10)	NS	ND(1.90)
2-Nitrophenol		NS	ND(1.10)	NS	ND(0.820)	NS	ND(0.750)
2-Picoline		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
3&4-Methylphenol		NS	ND(1.10)	NS	ND(0.820)	NS	ND(0.750)
3,3'-Dichlorobenzidine		NS	ND(2.7) J	NS	ND(0.82) J	NS	ND(0.75) J
3,3'-Dimethylbenzidine		NS	ND(2.70)	NS	ND(0.410)	NS	ND(0.370)
3-Methylcholanthrene		NS	ND(1.1) J	NS	ND(0.820)	NS	ND(0.750)
3-Nitroaniline		NS	ND(2.70)	NS	ND(2.10)	NS	ND(1.90)
4,6-Dinitro-2-methylphenol		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
4-Aminobiphenyl		NS	ND(1.1) J	NS	ND(0.820)	NS	ND(0.750)
4-Bromophenyl-phenylether		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
4-Chloro-3-Methylphenol		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
4-Chloroaniline		NS	ND(1.10)	NS	ND(0.410)	NS	ND(0.370)
4-Chlorobenzilate		NS	ND(2.70)	NS	ND(0.820)	NS	ND(0.750)
4-Chlorophenyl-phenylether		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
4-Nitroaniline		NS	ND(2.70)	NS	ND(2.10)	NS	ND(1.90)
4-Nitrophenol		NS	ND(2.70)	NS	ND(2.10)	NS	ND(1.90)
4-Nitroquinoline-1-oxide		NS	ND(2.7) J	NS	ND(0.820)	NS	ND(0.750)
4-Phenylenediamine		NS	ND(2.70)	NS	ND(0.82) J	NS	ND(0.75) J
5-Nitro-o-toluidine		NS	ND(2.70)	NS	ND(0.820)	NS	ND(0.750)
7,12-Dimethylbenz(a)anthracene		NS	ND(1.1) J	NS	ND(0.820)	NS	ND(0.750)
a,a'-Dimethylphenethylamine		NS	ND(2.70)	NS	ND(0.820)	NS	ND(0.750)
Acenaphthene		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
Acenaphthylene		NS	ND(0.540)	NS	0.720	NS	ND(0.370)
Acetophenone		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
Aniline		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
Anthracene		NS	0.140 J	NS	0.360 J	NS	ND(0.370)
Aramite		NS	ND(1.1) J	NS	ND(0.820)	NS	ND(0.750)
Benzidine		NS	ND(1.1)	NS	ND(0.82) J	NS	ND(0.75) J
Benzo(a)anthracene		NS	0.110 J	NS	1.20	NS	0.160 J
Benzo(a)pyrene		NS	0.110 J	NS	1.30	NS	0.170 J
Benzo(b)fluoranthene		NS	ND(0.540)	NS	0.680	NS	0.160 J
Benzo(g,h,i)perylene		NS	ND(0.540)	NS	1.00	NS	0.120 J
Benzo(k)fluoranthene		NS	ND(0.540)	NS	0.950	NS	0.130 J
Benzyl Alcohol		NS	ND(1.10)	NS	ND(0.820)	NS	ND(0.750)
bis(2-Chloroethoxy)methane		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
bis(2-Chloroethyl)ether		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
bis(2-Chloroisopropyl)ether		NS	ND(0.54) J	NS	ND(0.410)	NS	ND(0.370)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-21 12-14 01/29/01	4B RAA4-22 1-6 01/31/01	4B RAA4-22 4-6 01/31/01	4B RAA4-A33 0-1 05/16/02	4B RAA4-A34 1-6 05/16/02	4B RAA4-A35 0-1 05/16/02
Semivolatile Organics (continued)							
bis(2-Ethylhexyl)phthalate		NS	ND(0.540)	NS	ND(0.400)	NS	ND(0.370)
Butylbenzylphthalate		NS	ND(1.10)	NS	ND(0.410)	NS	ND(0.370)
Chrysene		NS	0.110 J	NS	1.30	NS	0.170 J
Diallate		NS	ND(1.10)	NS	ND(0.820)	NS	ND(0.750)
Dibenzo(a,h)anthracene		NS	ND(1.10)	NS	ND(0.410)	NS	ND(0.370)
Dibenzofuran		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
Diethylphthalate		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
Dimethylphthalate		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
Di-n-Butylphthalate		NS	ND(0.540)	NS	0.180 J	NS	ND(0.370)
Di-n-Octylphthalate		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
Dipnenylamine		NS	ND(0.54)	NS	ND(0.41)	NS	ND(0.37)
Ethyl Methanesulfonate		NS	ND(0.54) J	NS	ND(0.410)	NS	ND(0.370)
Fluoranthene		NS	0.310 J	NS	1.80	NS	0.290 J
Fluorene		NS	ND(0.540)	NS	0.150 J	NS	ND(0.370)
Hexachlorobenzene		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
Hexachlorobutadiene		NS	ND(1.10)	NS	ND(0.410)	NS	ND(0.370)
Hexachlorocyclopentadiene		NS	ND(0.54) J	NS	ND(0.410)	NS	ND(0.370)
Hexachloroethane		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
Hexachlorophene		NS	ND(1.1) J	NS	ND(0.82)	NS	ND(0.75)
Hexachloropropene		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
Indeno(1,2,3-cd)pyrene		NS	ND(1.10)	NS	0.680	NS	ND(0.370)
Isodrin		NS	ND(0.54)	NS	ND(0.41)	NS	ND(0.37)
Isophorone		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
Isosafrole		NS	ND(1.10)	NS	ND(0.820)	NS	ND(0.750)
Methapyrilene		NS	ND(2.7) J	NS	ND(0.820)	NS	ND(0.750)
Methyl Methanesulfonate		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
Naphthalene		NS	0.520 J	NS	0.250 J	NS	ND(0.370)
Nitrobenzene		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
N-Nitrosodiethylamine		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
N-Nitrosodimethylamine		NS	ND(2.70)	NS	ND(0.410)	NS	ND(0.370)
N-Nitroso-di-n-butylamine		NS	ND(1.10)	NS	ND(0.820)	NS	ND(0.750)
N-Nitroso-di-n-propylamine		NS	ND(1.10)	NS	ND(0.410)	NS	ND(0.370)
N-Nitrosodiphenylamine		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
N-Nitrosomethylethylamine		NS	ND(0.910)	NS	ND(0.820)	NS	ND(0.750)
N-Nitrosomorpholine		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
N-Nitrosopiperidine		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
N-Nitrosopyrrolidine		NS	ND(1.10)	NS	ND(0.820)	NS	ND(0.750)
o,o,o-Triethylphosphorothioate		NS	ND(0.54) J	NS	ND(0.41)	NS	ND(0.37)
o-Toluidine		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
p-Dimethylaminoazobenzene		NS	ND(2.70)	NS	ND(0.820)	NS	ND(0.750)
Pentachlorobenzene		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
Pentachloroethane		NS	ND(0.54)	NS	ND(0.41)	NS	ND(0.37)
Pentachloronitrobenzene		NS	ND(2.70)	NS	ND(0.820)	NS	ND(0.750)
Pentachlorophenol		NS	ND(2.70)	NS	ND(2.10)	NS	ND(1.90)
Phenacetin		NS	ND(2.70)	NS	ND(0.820)	NS	ND(0.750)
Phenanthrene		NS	0.540	NS	1.50	NS	0.150 J
Phenol		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
Pronamide		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
Pyrene		NS	0.330 J	NS	2.30	NS	0.240 J
Pyridine		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
Safrole		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
Thionazin		NS	ND(0.54)	NS	ND(0.41)	NS	ND(0.37)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-21 12-14 01/29/01	4B RAA4-22 1-6 01/31/01	4B RAA4-22 4-6 01/31/01	4B RAA4-A33 0-1 05/16/02	4B RAA4-A34 1-6 05/16/02	4B RAA4-A35 0-1 05/16/02
Furans							
2,3,7,8-TCDF		NS	ND(0.000014)	NS	0.000023	0.000022	0.0000052
TCDFs (total)		NS	ND(0.000014)	NS	0.00013	0.00016 I	0.000034
1,2,3,7,8-PeCDF		NS	ND(0.000020)	NS	0.0000078	0.0000063	0.0000023
2,3,4,7,8-PeCDF		NS	ND(0.000020)	NS	0.000024	0.000021	0.0000055
PeCDFs (total)		NS	ND(0.000020)	NS	0.00021 QI	0.00022 QI	0.000068 Q
1,2,3,4,7,8-HxCDF		NS	ND(0.000062)	NS	0.000014	0.000012	0.0000054
1,2,3,6,7,8-HxCDF		NS	ND(0.000058)	NS	0.0000087	0.0000084	0.0000029
1,2,3,7,8,9-HxCDF		NS	ND(0.000068)	NS	0.0000031	0.0000020 J	0.0000018 J
2,3,4,6,7,8-HxCDF		NS	ND(0.000063)	NS	0.000019	0.000017	0.0000081
HxCDFs (total)		NS	ND(0.0052)	NS	0.00032	0.00023	0.00010
1,2,3,4,6,7,8-HpCDF		NS	ND(0.000040)	NS	0.00022	0.000051	0.000016
1,2,3,4,7,8,9-HpCDF		NS	ND(0.000048)	NS	0.0000042	0.0000036	0.0000029
HpCDFs (total)		NS	ND(0.000044)	NS	0.00040	0.00011	0.000042
OCDF		NS	ND(0.000038)	NS	0.00017	0.000052	0.000034
Dioxins							
2,3,7,8-TCDD		NS	ND(0.000020)	NS	0.00000073	0.00000037 J	ND(0.00000021) X
TCDDs (total)		NS	ND(0.000020)	NS	0.0000038	0.0000039	0.00000029
1,2,3,7,8-PeCDD		NS	ND(0.00021)	NS	0.0000020 J	ND(0.0000011) X	ND(0.00000047) X
PeCDDs (total)		NS	ND(0.00021)	NS	0.000015 Q	0.0000067 Q	0.0000019 Q
1,2,3,4,7,8-HxCDD		NS	ND(0.000084)	NS	0.0000025 J	0.0000010 J	0.00000053 J
1,2,3,6,7,8-HxCDD		NS	ND(0.000083)	NS	0.0000084	0.0000026	0.0000012 J
1,2,3,7,8,9-HxCDD		NS	ND(0.000076)	NS	0.0000054	0.0000017 J	0.00000077 J
HxCDDs (total)		NS	ND(0.000081)	NS	0.000070	0.000022	0.000010 Q
1,2,3,4,6,7,8-HpCDD		NS	ND(0.000080)	NS	0.00012	0.000038	0.000025
HpCDDs (total)		NS	ND(0.000080)	NS	0.00020	0.000080	0.000050
OCDD		NS	ND(0.000040)	NS	0.00084	0.00033	0.00024
Total TEQs (WHO TEFs)		NS	0.00015	NS	0.000027	0.000019	0.0000063
Inorganics							
Antimony		NS	ND(12.0)	NS	ND(6.00)	NS	1.50 B
Arsenic		NS	ND(20.0)	NS	5.10	NS	4.40
Barium		NS	ND(40.0)	NS	34.0	NS	30.0
Beryllium		NS	0.310	NS	ND(0.500)	NS	ND(0.500)
Cadmium		NS	ND(2.00)	NS	ND(0.500)	NS	ND(0.500)
Chromium		NS	13.0	NS	13.0	NS	5.20
Cobalt		NS	16.0	NS	6.90	NS	5.30
Copper		NS	32.0	NS	39.0	NS	21.0
Cyanide		NS	ND(1.00)	NS	0.500	NS	0.220
Lead		NS	21.0	NS	86.0	NS	24.0
Mercury		NS	ND(0.270)	NS	0.300	NS	0.0770 B
Nickel		NS	27.0	NS	13.0	NS	8.90
Selenium		NS	ND(1.00) J	NS	ND(1.00)	NS	ND(1.00)
Silver		NS	ND(1.00)	NS	ND(1.00)	NS	ND(1.00)
Sulfide		NS	ND(6.80)	NS	23.0	NS	25.0
Thallium		NS	ND(2.00)	NS	ND(1.20) J	NS	ND(1.10) J
Tin		NS	ND(61.0)	NS	ND(5.20)	NS	ND(4.50)
Vanadium		NS	11.0	NS	13.0	NS	6.50
Zinc		NS	75.0	NS	75.0	NS	42.0

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Averaging Area	4B	4B	4B	4B	4B	4B
Sample ID	RAA4-B29	RAA4-B34	RAA4-B34	RAA4-B35	RAA4-C27	RAA4-C29
Sample Depth(Feet)	0-1	1-3	1-6	0-1	0-1	1-6
Date Collected	05/20/02	05/16/02	05/16/02	05/15/02	04/22/02	05/21/02
Volatile Organics						
1,1,1,2-Tetrachloroethane	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
1,1,1-Trichloroethane	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
1,1,2,2-Tetrachloroethane	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
1,1,2-Trichloroethane	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
1,1-Dichloroethane	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
1,1-Dichloroethene	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
1,2,3-Trichloropropane	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
1,2-Dibromo-3-chloropropane	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
1,2-Dibromoethane	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
1,2-Dichloroethane	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
1,2-Dichloropropane	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
1,4-Dioxane	ND(0.12)	ND(0.13) J	NS	ND(0.13) J	ND(0.11) J	NS
2-Butanone	ND(0.012)	ND(0.013)	NS	ND(0.013)	ND(0.011)	NS
2-Chloro-1,3-butadiene	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
2-Chloroethylvinylether	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
2-Hexanone	ND(0.012) J	ND(0.013) J	NS	ND(0.013) J	ND(0.011)	NS
3-Chloropropene	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
4-Methyl-2-pentanone	ND(0.012)	ND(0.013)	NS	ND(0.013)	ND(0.011)	NS
Acetone	ND(0.024)	ND(0.026)	NS	0.014 J	0.012 J	NS
Acetonitrile	ND(0.12)	ND(0.13)	NS	ND(0.13) J	ND(0.11) J	NS
Acrolein	ND(0.12)	ND(0.13) J	NS	ND(0.13) J	ND(0.11) J	NS
Acrylonitrile	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
Benzene	ND(0.00600)	ND(0.00640)	NS	ND(0.00640)	ND(0.00570)	NS
Bromodichloromethane	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
Bromoform	ND(0.0060) J	ND(0.0064) J	NS	ND(0.0064) J	ND(0.0057)	NS
Bromomethane	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
Carbon Disulfide	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
Carbon Tetrachloride	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
Chlorobenzene	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
Chloroethane	ND(0.0060) J	ND(0.0064) J	NS	ND(0.0064) J	ND(0.0057)	NS
Chloroform	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
Chloromethane	ND(0.0060) J	ND(0.0064) J	NS	ND(0.0064)	ND(0.0057)	NS
cis-1,3-Dichloropropene	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
Dibromochloromethane	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
Dibromomethane	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
Dichlorodifluoromethane	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
Ethyl Methacrylate	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
Ethylbenzene	ND(0.00600)	ND(0.00640)	NS	ND(0.00640)	ND(0.00570)	NS
Iodomethane	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
Isobutanol	ND(0.12)	ND(0.13) J	NS	ND(0.13)	ND(0.11) J	NS
Methacrylonitrile	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
Methyl Methacrylate	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
Methylene Chloride	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
Propionitrile	ND(0.012)	ND(0.013)	NS	ND(0.013)	ND(0.011)	NS
Styrene	ND(0.00600)	ND(0.00640)	NS	ND(0.00640)	ND(0.00570)	NS
Tetrachloroethene	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
Toluene	ND(0.00600)	ND(0.00640)	NS	ND(0.00640)	ND(0.00570)	NS
trans-1,2-Dichloroethene	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
trans-1,3-Dichloropropene	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
trans-1,4-Dichloro-2-butene	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
Trichloroethene	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
Trichlorofluoromethane	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	0.0076	NS
Vinyl Acetate	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
Vinyl Chloride	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
Xylenes (total)	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	0.016	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-B29 0-1 05/20/02	4B RAA4-B34 1-3 05/16/02	4B RAA4-B34 1-6 05/16/02	4B RAA4-B35 0-1 05/15/02	4B RAA4-C27 0-1 04/22/02	4B RAA4-C29 1-6 05/21/02
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
1,2,4-Trichlorobenzene		ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
1,2-Dichlorobenzene		ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
1,2-Diphenylhydrazine		ND(0.40)	NS	ND(0.43)	ND(0.42)	ND(0.46)	ND(0.38)
1,3,5-Trinitrobenzene		ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
1,3-Dichlorobenzene		ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
1,3-Dinitrobenzene		ND(0.800)	NS	ND(0.860)	ND(0.860)	0.920	ND(0.770)
1,4-Dichlorobenzene		ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
1,4-Naphthoquinone		ND(0.800)	NS	ND(0.860)	ND(0.860)	ND(0.770)	ND(0.770)
1-Naphthylamine		ND(0.800)	NS	ND(0.860)	ND(0.860)	ND(0.770)	ND(0.770)
2,3,4,6-Tetrachlorophenol		ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
2,4,5-Trichlorophenol		ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
2,4,6-Trichlorophenol		ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
2,4-Dichlorophenol		ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
2,4-Dimethylphenol		ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
2,4-Dinitrophenol		ND(2.00)	NS	ND(2.20)	ND(2.20)	ND(2.30)	ND(1.90)
2,4-Dinitrotoluene		ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
2,6-Dichlorophenol		ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
2,6-Dinitrotoluene		ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.46) J	ND(0.380)
2-Acetylaminofluorene		ND(0.800)	NS	ND(0.860)	ND(0.860)	ND(0.770)	ND(0.770)
2-Chloronaphthalene		ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
2-Chlorophenol		ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
2-Methylnaphthalene		1.90	NS	1.00	0.0980 J	0.110 J	0.260 J
2-Methylphenol		0.110 J	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
2-Naphthylamine		ND(0.800)	NS	ND(0.860)	ND(0.860)	ND(0.770)	ND(0.770)
2-Nitroaniline		ND(2.00)	NS	ND(2.20)	ND(2.20)	ND(2.30)	ND(1.9) J
2-Nitrophenol		ND(0.800)	NS	ND(0.860)	ND(0.860)	ND(0.770)	ND(0.770)
2-Picoline		ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
3&4-Methylphenol		ND(0.800)	NS	ND(0.860)	ND(0.860)	ND(0.770)	ND(0.770)
3,3'-Dichlorobenzidine		ND(0.800)	NS	ND(0.86) J	ND(0.86) J	ND(0.920)	ND(0.770)
3,3'-Dimethylbenzidine		ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
3-Methylcholanthrene		ND(0.800)	NS	ND(0.860)	ND(0.860)	ND(0.770)	ND(0.770)
3-Nitroaniline		ND(2.00)	NS	ND(2.20)	ND(2.20)	ND(2.30)	ND(1.90)
4,6-Dinitro-2-methylphenol		ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
4-Aminobiphenyl		ND(0.800)	NS	ND(0.860)	ND(0.860)	ND(0.770)	ND(0.770)
4-Bromophenyl-phenylether		ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
4-Chloro-3-Methylphenol		ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
4-Chloroaniline		0.100 J	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
4-Chlorobenzilate		ND(0.800)	NS	ND(0.860)	ND(0.860)	ND(0.770)	ND(0.770)
4-Chlorophenyl-phenylether		ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
4-Nitroaniline		ND(2.00)	NS	ND(2.20)	ND(2.20)	ND(1.90)	ND(1.90)
4-Nitrophenol		ND(2.00)	NS	ND(2.20)	ND(2.20)	ND(2.30)	ND(1.90)
4-Nitroquinoline-1-oxide		ND(0.800)	NS	ND(0.860)	ND(0.860)	ND(0.770)	ND(0.770)
4-Phenylenediamine		ND(0.80) J	NS	ND(0.86) J	ND(0.86) J	ND(0.77) J	ND(0.77) J
5-Nitro-o-toluidine		ND(0.800)	NS	ND(0.860)	ND(0.860)	ND(0.770)	ND(0.770)
7,12-Dimethylbenz(a)anthracene		ND(0.800)	NS	ND(0.860)	ND(0.860)	ND(0.770)	ND(0.770)
a,a'-Dimethylphenethylamine		ND(0.800)	NS	ND(0.860)	ND(0.860)	ND(0.770)	ND(0.770)
Acenaphthene		ND(0.400)	NS	0.210 J	ND(0.420)	ND(0.460)	ND(0.380)
Acenaphthylene		1.00	NS	0.920	0.190 J	1.00	4.00
Acetophenone		ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
Aniline		ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
Anthracene		0.680	NS	0.720	0.230 J	0.830	1.80
Aramite		ND(0.800)	NS	ND(0.860)	ND(0.860)	ND(0.770)	ND(0.770)
Benzidine		ND(0.80)	NS	ND(0.86) J	ND(0.86) J	ND(0.92) J	ND(0.77)
Benzo(a)anthracene		3.80	NS	1.20	0.650	3.50	7.90
Benzo(a)pyrene		5.8 J	NS	1.10	0.720	3.60	20.0
Benzo(b)fluoranthene		3.9 J	NS	0.480	0.440	2.10	18.0
Benzo(g,h,i)perylene		5.2 J	NS	0.670	0.460	2.20	24.0
Benzo(k)fluoranthene		4.8 J	NS	0.760	0.660	2.30	17.0
Benzyl Alcohol		ND(0.80) J	NS	ND(0.86) J	ND(0.860)	ND(0.920)	ND(0.770)
bis(2-Chloroethoxy)methane		ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
bis(2-Chloroethyl)ether		ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
bis(2-Chloroisopropyl)ether		ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:					
	4B / RAA4-B29 / 0-1 / 05/20/02	4B / RAA4-B34 / 1-3 / 05/16/02	4B / RAA4-B34 / 1-6 / 05/16/02	4B / RAA4-B35 / 0-1 / 05/15/02	4B / RAA4-C27 / 0-1 / 04/22/02	4B / RAA4-C29 / 1-6 / 05/21/02
Semivolatile Organics (continued)						
bis(2-Ethylhexyl)phthalate	ND(0.390)	NS	ND(0.420)	ND(0.420)	ND(0.380)	ND(0.380)
Butylbenzylphthalate	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
Chrysene	3.50	NS	1.40	0.700	4.00	8.20
Dialiate	ND(0.800)	NS	ND(0.860)	ND(0.860)	ND(0.770)	ND(0.770)
Dibenzo(a,h)anthracene	0.640	NS	ND(0.430)	ND(0.420)	0.880	7.6 J
Dibenzofuran	0.150 J	NS	0.130 J	ND(0.420)	ND(0.460)	0.220 J
Diethylphthalate	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
Dimethylphthalate	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
Di-n-Butylphthalate	ND(0.400)	NS	ND(0.430)	ND(0.420)	0.280 J	ND(0.380)
Di-n-Octylphthalate	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
Diphenylamine	ND(0.40)	NS	ND(0.43)	ND(0.42)	ND(0.46)	ND(0.38)
Ethyl Methanesulfonate	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
Fluoranthene	7.50	NS	2.10	1.10	5.20	10.0
Fluorene	0.870	NS	1.10	ND(0.420)	0.350 J	0.850
Hexachlorobenzene	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
Hexachlorobutadiene	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
Hexachlorocyclopentadiene	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
Hexachloroethane	ND(0.40) J	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.38) J
Hexachlorophene	ND(0.80)	NS	ND(0.86)	ND(0.86)	ND(0.92)	ND(0.77)
Hexachloropropene	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
Indeno(1,2,3-cd)pyrene	4.9 J	NS	0.590	ND(0.420)	2.10	19.0
Isodrin	ND(0.40)	NS	ND(0.43)	ND(0.42)	ND(0.46)	ND(0.38)
Isophorone	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
Isosafrole	ND(0.800)	NS	ND(0.860)	ND(0.860)	ND(0.770)	ND(0.770)
Methapyriiene	ND(0.800)	NS	ND(0.860)	ND(0.860)	ND(0.770)	ND(0.770)
Methyl Methanesulfonate	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
Naphthalene	3.80	NS	1.40	0.240 J	0.220 J	0.460
Nitrobenzene	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
N-Nitrosodiethylamine	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
N-Nitrosodimethylamine	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
N-Nitroso-di-n-butylamine	ND(0.800)	NS	ND(0.860)	ND(0.860)	ND(0.770)	ND(0.770)
N-Nitroso-di-n-propylamine	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
N-Nitrosodiphenylamine	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
N-Nitrosomethylethylamine	ND(0.800)	NS	ND(0.860)	ND(0.860)	ND(0.770)	ND(0.770)
N-Nitrosomorpholine	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
N-Nitrosopiperidine	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
N-Nitrosopyrrolidine	ND(0.800)	NS	ND(0.860)	ND(0.860)	ND(0.770)	ND(0.770)
o,o,o-Triethylphosphorothioate	ND(0.40)	NS	ND(0.43)	ND(0.42)	ND(0.46)	ND(0.38)
o-Toluidine	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
p-Dimethylaminoazobenzene	ND(0.800)	NS	ND(0.860)	ND(0.860)	ND(0.770)	ND(0.770)
Pentachlorobenzene	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
Pentachloroethane	ND(0.40)	NS	ND(0.43)	ND(0.42)	ND(0.46)	ND(0.38)
Pentachloronitrobenzene	ND(0.800)	NS	ND(0.860)	ND(0.860)	ND(0.770)	ND(0.770)
Pentachlorophenol	ND(2.00)	NS	ND(2.20)	ND(2.20)	ND(2.30)	ND(1.90)
Phenacetin	ND(0.800)	NS	ND(0.860)	ND(0.860)	ND(0.770)	ND(0.770)
Phenanthrene	6.80	NS	4.60	0.760	4.70	8.20
Phenol	0.620	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
Pronamide	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
Pyrene	11.0	NS	2.80	1.50	7.90	15.0
Pyridine	ND(0.400)	NS	1.40	ND(0.420)	ND(0.460)	ND(0.380)
Safrole	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
Thionazin	ND(0.40)	NS	ND(0.43)	ND(0.42)	ND(0.46)	ND(0.38)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	Averaging Area:	4B	4B	4B	4B	4B	4B
	Sample ID:	RAA4-B29	RAA4-B34	RAA4-B34	RAA4-B35	RAA4-C27	RAA4-C29
	Sample Depth(Feet):	0-1	1-3	1-6	0-1	0-1	1-6
Parameter	Date Collected:	05/20/02	05/16/02	05/16/02	05/15/02	04/22/02	05/21/02
Furans							
2,3,7,8-TCDF		0.000037	NS	0.000042	0.0000097	0.000069 Y	0.000072
TCDFs (total)		0.00030	NS	0.00034	0.000067	0.00065 X	0.00042
1,2,3,7,8-PeCDF		0.000014 J	NS	0.0000099 J	0.0000032	0.000037	0.000018 J
2,3,4,7,8-PeCDF		0.000029 J	NS	0.000014 J	0.0000094	0.000031 Q	0.000027
PeCDFs (total)		0.00031	NS	0.00014	0.00011 Q	0.00069 X	0.00032 Q
1,2,3,4,7,8-HxCDF		0.000019 J	NS	0.0000091 J	0.0000073 J	0.000085	0.000019 J
1,2,3,6,7,8-HxCDF		0.000015 J	NS	0.0000059 J	0.0000042 J	0.000034	0.000010 J
1,2,3,7,8,9-HxCDF		ND(0.0000034) X	NS	ND(0.0000020) X	0.0000012 J	ND(0.000018) X	0.0000026 J
2,3,4,6,7,8-HxCDF		0.000033 J	NS	0.000011 J	0.0000083	0.000040	0.000015 J
HxCDFs (total)		0.00042	NS	0.00014	0.00012 QJ	0.00067	0.00022
1,2,3,4,6,7,8-HpCDF		0.000068	NS	0.000040 J	0.000051 J	0.00012	0.000042
1,2,3,4,7,8,9-HpCDF		0.0000056 J	NS	0.0000036 J	0.0000028	0.000019	0.0000042 J
HpCDFs (total)		0.00014	NS	0.000079	0.000092 J	0.00026	0.000087
OCDF		0.000055 J	NS	0.000022 J	0.000036	0.00018	0.000024 J
Dioxins							
2,3,7,8-TCDD		ND(0.0000030)	NS	ND(0.0000025)	0.0000072	0.0000012	ND(0.0000011)
TCDDs (total)		ND(0.0000061)	NS	ND(0.0000050)	0.000058	0.000011 Q	0.000014
1,2,3,7,8-PeCDD		ND(0.0000026) X	NS	ND(0.0000016) X	0.0000026	0.0000030 J	0.0000099 J
PeCDDs (total)		0.0000080	NS	0.0000018	0.000074 Q	0.0000080	0.000065 Q
1,2,3,4,7,8-HxCDD		ND(0.000011)	NS	ND(0.0000093)	0.00000072 J	0.0000020 J	0.0000080 J
1,2,3,6,7,8-HxCDD		0.0000061 J	NS	ND(0.0000093)	0.0000027	0.0000068	0.000026
1,2,3,7,8,9-HxCDD		0.0000045 J	NS	ND(0.0000093)	0.0000026	0.0000068	0.000030
HxCDDs (total)		0.000031	NS	0.0000077	0.00012 Q	0.000041	0.00028
1,2,3,4,6,7,8-HpCDD		0.000065	NS	0.000012 J	0.000028	0.000070	0.00028
HpCDDs (total)		0.00012	NS	0.000022	0.000055	0.00014	0.00051
OCDD		0.00030	NS	0.000060 J	0.00018	0.00024	0.00042
Total TEQs (WHO TEFs)		0.000032	NS	0.000018	0.000019	0.000049	0.000046
Inorganics							
Antimony		ND(6.00)	NS	1.20 B	ND(6.00)	1.70 B	ND(6.00)
Arsenic		6.50	NS	9.00	5.30	9.70	30.0
Barium		44.0	NS	23.0	41.0	59.0	40.0
Beryllium		ND(0.500)	NS	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)
Cadmium		0.590	NS	ND(0.500)	ND(0.500)	0.630	0.520
Chromium		8.80	NS	14.0	18.0	11.0	10.0
Cobalt		6.50	NS	11.0	8.30	8.60	6.90
Copper		61.0	NS	37.0	32.0	73.0	52.0
Cyanide		2.00	NS	3.00	0.600	1.40	1.40
Lead		440	NS	110	36.0	96.0	94.0 J
Mercury		0.360	NS	ND(0.130)	ND(0.130)	0.230 J	0.470
Nickel		15.0	NS	18.0	14.0	19.0	20.0
Selenium		ND(1.00) J	NS	ND(1.00)	ND(1.00)	ND(1.00)	8.40 J
Silver		ND(1.00)	NS	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide		29.0	NS	33.0	8.20	92.0	84.0
Thallium		ND(1.80)	NS	ND(1.30) J	ND(1.30) J	ND(1.10) J	ND(1.70)
Tin		4.70 B	NS	ND(4.40)	ND(10.0)	ND(10.0)	ND(10.0)
Vanadium		19.0	NS	9.60	14.0	19.0	17.0
Zinc		87.0	NS	66.0	83.0	100	54.0 J

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Averaging Area:	4B	4B	4B	4B	4B	4B
Sample ID:	RAA4-C29	RAA4-C31	RAA4-C33	RAA4-C35	RAA4-C35	RAA4-C36
Sample Depth(Feet):	4-6	0-1	0-1	6-15	13-15	0-1
Date Collected:	05/21/02	05/20/02	05/20/02	05/17/02	05/17/02	05/15/02
Volatile Organics						
1,1,1,2-Tetrachloroethane	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
1,1,1-Trichloroethane	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
1,1,2,2-Tetrachloroethane	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
1,1,2-Trichloroethane	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
1,1-Dichloroethane	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
1,1-Dichloroethene	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
1,2,3-Trichloropropane	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
1,2-Dibromo-3-chloropropane	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
1,2-Dibromoethane	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
1,2-Dichloroethane	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
1,2-Dichloropropane	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
1,4-Dioxane	ND(0.11) J	ND(0.11)	ND(0.11)	NS	ND(0.13) J	ND(0.11) J
2-Butanone	ND(0.011)	ND(0.011)	ND(0.011)	NS	ND(0.013)	ND(0.011)
2-Chloro-1,3-butadiene	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
2-Chloroethylvinylether	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
2-Hexanone	ND(0.011) J	ND(0.011) J	ND(0.011) J	NS	ND(0.013) J	ND(0.011) J
3-Chloropropene	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
4-Methyl-2-pentanone	ND(0.011)	ND(0.011)	ND(0.011)	NS	ND(0.013)	ND(0.011)
Acetone	ND(0.023)	ND(0.023)	ND(0.022)	NS	ND(0.025)	ND(0.022)
Acetonitrile	ND(0.11) J	ND(0.11)	ND(0.11)	NS	ND(0.13)	ND(0.11) J
Acrolein	ND(0.11) J	ND(0.11)	ND(0.11)	NS	ND(0.13) J	ND(0.11) J
Acrylonitrile	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
Benzene	ND(0.00570)	ND(0.00570)	ND(0.00550)	NS	ND(0.00640)	ND(0.00550)
Bromodichloromethane	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
Bromoform	ND(0.0057) J	ND(0.0057) J	ND(0.0055) J	NS	ND(0.0064) J	ND(0.0055) J
Bromomethane	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
Carbon Disulfide	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
Carbon Tetrachloride	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
Chlorobenzene	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
Chloroethane	ND(0.0057) J	ND(0.0057) J	ND(0.0055) J	NS	ND(0.0064) J	ND(0.0055) J
Chloroform	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
Chloromethane	ND(0.0057) J	ND(0.0057) J	ND(0.0055) J	NS	ND(0.0064) J	ND(0.0055)
cis-1,3-Dichloropropene	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
Dibromochloromethane	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
Dibromomethane	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
Dichlorodifluoromethane	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
Ethyl Methacrylate	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
Ethylbenzene	ND(0.00570)	ND(0.00570)	ND(0.00550)	NS	ND(0.00640)	ND(0.00550)
Iodomethane	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
Isobutanol	ND(0.11)	ND(0.11)	ND(0.11)	NS	ND(0.13) J	ND(0.11)
Methacrylonitrile	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
Methyl Methacrylate	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
Methylene Chloride	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
Propionitrile	ND(0.011)	ND(0.011)	ND(0.011)	NS	ND(0.013)	ND(0.011)
Styrene	ND(0.00570)	ND(0.00570)	ND(0.00550)	NS	ND(0.00640)	ND(0.00550)
Tetrachloroethene	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
Toluene	ND(0.00570)	ND(0.00570)	ND(0.00550)	NS	ND(0.00640)	ND(0.00550)
trans-1,2-Dichloroethene	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
trans-1,3-Dichloropropene	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
trans-1,4-Dichloro-2-butene	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
Trichloroethene	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
Trichlorofluoromethane	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
Vinyl Acetate	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
Vinyl Chloride	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
Xylenes (total)	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-C29 4-6 05/21/02	4B RAA4-C31 0-1 05/20/02	4B RAA4-C33 0-1 05/20/02	4B RAA4-C35 6-15 05/17/02	4B RAA4-C35 13-15 05/17/02	4B RAA4-C36 0-1 05/15/02
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
1,2,4-Trichlorobenzene		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
1,2-Dichlorobenzene		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
1,2-Diphenylhydrazine		NS	ND(0.38)	ND(0.73)	ND(0.42)	NS	ND(0.37)
1,3,5-Trinitrobenzene		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
1,3-Dichlorobenzene		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
1,3-Dinitrobenzene		NS	ND(0.760)	ND(0.730)	ND(0.850)	NS	ND(0.740)
1,4-Dichlorobenzene		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
1,4-Naphthoquinone		NS	ND(0.760)	ND(0.730)	ND(0.850)	NS	ND(0.740)
1-Naphthylamine		NS	ND(0.760)	ND(0.730)	ND(0.850)	NS	ND(0.740)
2,3,4,6-Tetrachlorophenol		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
2,4,5-Trichlorophenol		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
2,4,6-Trichlorophenol		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
2,4-Dichlorophenol		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
2,4-Dimethylphenol		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
2,4-Dinitrophenol		NS	ND(1.90)	ND(3.60)	ND(2.20)	NS	ND(1.90)
2,4-Dinitrotoluene		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
2,6-Dichlorophenol		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
2,6-Dinitrotoluene		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
2-Acetylaminofluorene		NS	ND(0.760)	ND(0.730)	ND(0.850)	NS	ND(0.740)
2-Chloronaphthalene		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
2-Chlorophenol		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
2-Methylnaphthalene		NS	0.110 J	0.850	ND(0.420)	NS	0.200 J
2-Methylphenol		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
2-Naphthylamine		NS	ND(0.760)	ND(0.730)	ND(0.850)	NS	ND(0.740)
2-Nitroaniline		NS	ND(1.90)	ND(3.60)	ND(2.20)	NS	ND(1.90)
2-Nitrophenol		NS	ND(0.760)	ND(0.730)	ND(0.850)	NS	ND(0.740)
2-Picoline		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
3&4-Methylphenol		NS	ND(0.760)	ND(0.730)	ND(0.850)	NS	ND(0.740)
3,3'-Dichlorobenzidine		NS	ND(0.760)	ND(1.40)	ND(0.85) J	NS	ND(0.74) J
3,3'-Dimethylbenzidine		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
3-Methylcholanthrene		NS	ND(0.760)	ND(0.730)	ND(0.850)	NS	ND(0.740)
3-Nitroaniline		NS	ND(1.90)	ND(3.60)	ND(2.20)	NS	ND(1.90)
4,6-Dinitro-2-methylphenol		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
4-Aminobiphenyl		NS	ND(0.760)	ND(0.730)	ND(0.850)	NS	ND(0.740)
4-Bromophenyl-phenylether		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
4-Chloro-3-Methylphenol		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
4-Chloroaniline		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
4-Chlorobenzilate		NS	ND(0.760)	ND(0.730)	ND(0.850)	NS	ND(0.740)
4-Chlorophenyl-phenylether		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
4-Nitroaniline		NS	ND(1.90)	ND(1.80)	ND(2.20)	NS	ND(1.90)
4-Nitrophenol		NS	ND(1.90)	ND(3.60)	ND(2.20)	NS	ND(1.90)
4-Nitroquinoline-1-oxide		NS	ND(0.760)	ND(0.730)	ND(0.850)	NS	ND(0.740)
4-Phenylenediamine		NS	ND(0.76) J	ND(0.73) J	ND(0.85) J	NS	ND(0.74) J
5-Nitro-o-toluidine		NS	ND(0.760)	ND(0.730)	ND(0.850)	NS	ND(0.740)
7,12-Dimethylbenz(a)anthracene		NS	ND(0.760)	ND(0.730)	ND(0.850)	NS	ND(0.740)
a,a'-Dimethylphenethylamine		NS	ND(0.760)	ND(0.730)	ND(0.850)	NS	ND(0.740)
Acenaphthene		NS	ND(0.380)	0.680 J	0.110 J	NS	0.150 J
Acenaphthylene		NS	ND(0.380)	0.700 J	0.320 J	NS	1.70
Acetophenone		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	0.180 J
Aniline		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
Anthracene		NS	0.220 J	1.40	0.180 J	NS	0.230 J
Aramite		NS	ND(0.760)	ND(0.730)	ND(0.850)	NS	ND(0.740)
Benzidine		NS	ND(0.76)	ND(1.4)	ND(0.85) J	NS	ND(0.74) J
Benzo(a)anthracene		NS	0.810	3.00	0.510	NS	0.680
Benzo(a)pyrene		NS	1.00	2.30	0.540	NS	0.810
Benzo(b)fluoranthene		NS	1.00	1.70	ND(0.420)	NS	0.610
Benzo(g,h,i)perylene		NS	1.10	1.90	0.370 J	NS	1.20
Benzo(k)fluoranthene		NS	0.800	2.10	0.440	NS	0.730
Benzyl Alcohol		NS	ND(0.76) J	ND(1.4) J	ND(0.85) J	NS	ND(0.740)
bis(2-Chloroethoxy)methane		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
bis(2-Chloroethyl)ether		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
bis(2-Chloroisopropyl)ether		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-C29 4-6 05/21/02	4B RAA4-C31 0-1 05/20/02	4B RAA4-C33 0-1 05/20/02	4B RAA4-C35 6-15 05/17/02	4B RAA4-C35 13-15 05/17/02	4B RAA4-C36 0-1 05/15/02
Semivolatile Organics (continued)							
bis(2-Ethylhexyl)phthalate		NS	ND(0.370)	ND(0.360)	ND(0.420)	NS	ND(0.360)
Butylbenzylphthalate		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
Chrysene		NS	1.00	2.90	0.500	NS	0.720
Dialate		NS	ND(0.760)	ND(0.730)	ND(0.850)	NS	ND(0.740)
Dibenzo(a,h)anthracene		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
Dibenzofuran		NS	ND(0.380)	0.400 J	ND(0.420)	NS	ND(0.370)
Diethylphthalate		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
Dimethylphthalate		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
Di-n-Butylphthalate		NS	0.160 J	ND(0.730)	ND(0.420)	NS	0.200 J
Di-n-Octylphthalate		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
Diphenylamine		NS	ND(0.38)	ND(0.73)	ND(0.42)	NS	ND(0.37)
Ethyl Methanesulfonate		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
Fluoranthene		NS	1.10	5.40	0.770	NS	1.10
Fluorene		NS	ND(0.380)	1.80	0.110 J	NS	ND(0.370)
Hexachlorobenzene		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
Hexachlorobutadiene		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
Hexachlorocyclopentadiene		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
Hexachloroethane		NS	ND(0.38) J	ND(0.73) J	ND(0.420)	NS	ND(0.370)
Hexachlorophene		NS	ND(0.76)	ND(1.4)	ND(0.85)	NS	ND(0.74)
Hexachloropropene		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
Indeno(1,2,3-cd)pyrene		NS	0.810	1.50	ND(0.420)	NS	0.850
Isodrin		NS	ND(0.38)	ND(0.73)	ND(0.42)	NS	ND(0.37)
Isophorone		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
Isosafrole		NS	ND(0.760)	ND(0.730)	ND(0.850)	NS	ND(0.740)
Methapyrilene		NS	ND(0.760)	ND(0.730)	ND(0.850)	NS	ND(0.740)
Methyl Methanesulfonate		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
Naphthalene		NS	0.280 J	2.00	ND(0.420)	NS	0.280 J
Nitrobenzene		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
N-Nitrosodiethylamine		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
N-Nitrosodimethylamine		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
N-Nitroso-di-n-butylamine		NS	ND(0.760)	ND(0.730)	ND(0.850)	NS	ND(0.740)
N-Nitroso-di-n-propylamine		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
N-Nitrosodiphenylamine		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
N-Nitrosomethylethylamine		NS	ND(0.760)	ND(0.730)	ND(0.850)	NS	ND(0.740)
N-Nitrosomorpholine		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
N-Nitrosopiperidine		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
N-Nitrosopyrrolidine		NS	ND(0.760)	ND(0.730)	ND(0.850)	NS	ND(0.740)
o,o,o-Triethylphosphorothioate		NS	ND(0.38)	ND(0.73)	ND(0.42)	NS	ND(0.37)
o-Toluidine		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
p-Dimethylaminoazobenzene		NS	ND(0.760)	ND(0.730)	ND(0.850)	NS	ND(0.740)
Pentachlorobenzene		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
Pentachloroethane		NS	ND(0.38)	ND(0.73)	ND(0.42)	NS	ND(0.37)
Pentachloronitrobenzene		NS	ND(0.760)	ND(0.730)	ND(0.850)	NS	ND(0.740)
Pentachlorophenol		NS	ND(1.90)	ND(3.60)	ND(2.20)	NS	ND(1.90)
Phenacetin		NS	ND(0.760)	ND(0.730)	ND(0.850)	NS	ND(0.740)
Phenanthrene		NS	0.680	10.0	0.340 J	NS	0.600
Phenol		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
Pronamide		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
Pyrene		NS	1.30	6.70	1.20	NS	1.10
Pyridine		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
Safrole		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
Thionazin		NS	ND(0.38)	ND(0.73)	ND(0.42)	NS	ND(0.37)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-C29 4-6 05/21/02	4B RAA4-C31 0-1 05/20/02	4B RAA4-C33 0-1 05/20/02	4B RAA4-C35 6-15 05/17/02	4B RAA4-C35 13-15 05/17/02	4B RAA4-C36 0-1 05/15/02
Furans							
2,3,7,8-TCDF		NS	0.000060	0.000033	NS	NS	0.000024
TCDFs (total)		NS	0.00048	0.00026	NS	NS	0.00017 I
1,2,3,7,8-PeCDF		NS	0.000028 J	0.000016 J	NS	NS	0.0000078
2,3,4,7,8-PeCDF		NS	0.000066	0.000037 J	NS	NS	0.000029
PeCDFs (total)		NS	0.00069	0.00036	NS	NS	0.00034 QI
1,2,3,4,7,8-HxCDF		NS	0.000072	0.000042 J	NS	NS	0.000032 J
1,2,3,6,7,8-HxCDF		NS	0.000035 J	0.000022 J	NS	NS	0.000012 J
1,2,3,7,8,9-HxCDF		NS	0.000012 J	0.000011 J	NS	NS	0.0000078
2,3,4,6,7,8-HxCDF		NS	0.000074	0.000034 J	NS	NS	0.000029
HxCDFs (total)		NS	0.00096	0.00046	NS	NS	0.00037 J
1,2,3,4,6,7,8-HpCDF		NS	0.00020	0.000059	NS	NS	0.000051 J
1,2,3,4,7,8,9-HpCDF		NS	0.000028 J	0.000011 J	NS	NS	0.000016
HpCDFs (total)		NS	0.00015	0.00013	NS	NS	0.00013 J
OCDF		NS	0.00030	0.000071 J	NS	NS	0.000083
Dioxins							
2,3,7,8-TCDD		NS	ND(0.0000021)	ND(0.0000024)	NS	NS	0.00000062
TCDDs (total)		NS	0.0000065	0.0000029	NS	NS	0.0000075
1,2,3,7,8-PeCDD		NS	ND(0.0000038) X	ND(0.0000023) X	NS	NS	ND(0.0000019) X
PeCDDs (total)		NS	0.0000068	0.0000050	NS	NS	0.000011 Q
1,2,3,4,7,8-HxCDD		NS	0.0000035 J	ND(0.0000016) X	NS	NS	0.0000015 J
1,2,3,6,7,8-HxCDD		NS	0.0000078 J	ND(0.0000039) X	NS	NS	0.0000029
1,2,3,7,8,9-HxCDD		NS	ND(0.0000045) X	0.0000026 J	NS	NS	0.0000017 J
HxCDDs (total)		NS	0.000053	0.0000068	NS	NS	0.000035 Q
1,2,3,4,6,7,8-HpCDD		NS	0.000058	0.000023 J	NS	NS	0.000025
HpCDDs (total)		NS	0.00011	0.000041	NS	NS	0.000050
OCDD		NS	0.00035	0.00010 J	NS	NS	0.00013
Total TEQs (WHO TEFs)		NS	0.000067	0.000037	NS	NS	0.000028
Inorganics							
Antimony		NS	ND(6.00)	ND(6.00)	NS	NS	1.40 B
Arsenic		NS	6.50	5.70	NS	NS	5.50
Barium		NS	54.0	34.0	NS	NS	26.0
Beryllium		NS	ND(0.500)	ND(0.500)	NS	NS	0.140 B
Cadmium		NS	0.550	ND(0.500)	NS	NS	ND(0.500)
Chromium		NS	13.0	11.0	NS	NS	11.0
Cobalt		NS	7.50	7.40	NS	NS	6.70
Copper		NS	40.0	48.0	NS	NS	56.0
Cyanide		NS	11.0	3.80	NS	NS	2.90
Lead		NS	85.0	33.0	NS	NS	52.0
Mercury		NS	0.680	0.0790 B	NS	NS	0.220
Nickel		NS	14.0	14.0	NS	NS	12.0
Selenium		NS	ND(1.00) J	ND(1.00) J	NS	NS	ND(1.00)
Silver		NS	ND(1.00)	ND(1.00)	NS	NS	ND(1.00)
Sulfide		NS	71.0	260	NS	NS	64.0
Thallium		NS	ND(1.70)	ND(1.60)	NS	NS	ND(1.10) J
Tin		NS	ND(10.0)	4.40 B	NS	NS	21.0
Vanadium		NS	13.0	12.0	NS	NS	11.0
Zinc		NS	73.0	56.0	NS	NS	ND(59.0)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Averaging Area:	4B	4B	4B	4B	4B
Sample ID:	RAA4-C36	RAA4-C36	RAA4-C36	RAA4-D21	RAA4-D23
Sample Depth(Feet):	1-6	3-5	6-15	0-1	1-6
Date Collected:	05/15/02	05/15/02	05/15/02	05/30/02	05/30/02
Volatile Organics					
1,1,1,2-Tetrachloroethane	NS	ND(0.0054)	NS	ND(0.0052)	NS
1,1,1-Trichloroethane	NS	ND(0.0054)	NS	ND(0.0052)	NS
1,1,2,2-Tetrachloroethane	NS	ND(0.0054)	NS	ND(0.0052)	NS
1,1,2-Trichloroethane	NS	ND(0.0054)	NS	ND(0.0052)	NS
1,1-Dichloroethane	NS	ND(0.0054)	NS	ND(0.0052)	NS
1,1-Dichloroethene	NS	ND(0.0054)	NS	ND(0.0052)	NS
1,2,3-Trichloropropane	NS	ND(0.0054)	NS	ND(0.0052)	NS
1,2-Dibromo-3-chloropropane	NS	ND(0.0054)	NS	ND(0.0052)	NS
1,2-Dibromoethane	NS	ND(0.0054)	NS	ND(0.0052)	NS
1,2-Dichloroethane	NS	ND(0.0054)	NS	ND(0.0052)	NS
1,2-Dichloropropane	NS	ND(0.0054)	NS	ND(0.0052)	NS
1,4-Dioxane	NS	ND(0.11) J	NS	ND(0.10) J	NS
2-Butanone	NS	ND(0.011)	NS	ND(0.010)	NS
2-Chloro-1,3-butadiene	NS	ND(0.0054)	NS	ND(0.0052)	NS
2-Chloroethylvinylether	NS	ND(0.0054)	NS	ND(0.0052)	NS
2-Hexanone	NS	ND(0.011) J	NS	ND(0.010)	NS
3-Chloropropene	NS	ND(0.0054)	NS	ND(0.0052)	NS
4-Methyl-2-pentanone	NS	ND(0.011)	NS	ND(0.010)	NS
Acetone	NS	ND(0.021)	NS	ND(0.021)	NS
Acetonitrile	NS	ND(0.11) J	NS	ND(0.10) J	NS
Acrolein	NS	ND(0.11) J	NS	ND(0.10) J	NS
Acrylonitrile	NS	ND(0.0054)	NS	ND(0.0052)	NS
Benzene	NS	ND(0.00540)	NS	ND(0.00520)	NS
Bromodichloromethane	NS	ND(0.0054)	NS	ND(0.0052)	NS
Bromoform	NS	ND(0.0054) J	NS	ND(0.0052)	NS
Bromomethane	NS	ND(0.0054)	NS	ND(0.0052)	NS
Carbon Disulfide	NS	ND(0.0054)	NS	ND(0.0052)	NS
Carbon Tetrachloride	NS	ND(0.0054)	NS	ND(0.0052)	NS
Chlorobenzene	NS	ND(0.0054)	NS	ND(0.0052)	NS
Chloroethane	NS	ND(0.0054) J	NS	ND(0.0052) J	NS
Chloroform	NS	ND(0.0054)	NS	ND(0.0052)	NS
Chloromethane	NS	ND(0.0054)	NS	ND(0.0052)	NS
cis-1,3-Dichloropropene	NS	ND(0.0054)	NS	ND(0.0052)	NS
Dibromochloromethane	NS	ND(0.0054)	NS	ND(0.0052)	NS
Dibromomethane	NS	ND(0.0054)	NS	ND(0.0052)	NS
Dichlorodifluoromethane	NS	ND(0.0054)	NS	ND(0.0052)	NS
Ethyl Methacrylate	NS	ND(0.0054)	NS	ND(0.0052)	NS
Ethylbenzene	NS	ND(0.00540)	NS	ND(0.00520)	NS
Iodomethane	NS	ND(0.0054)	NS	ND(0.0052)	NS
Isobutanol	NS	ND(0.11)	NS	ND(0.10)	NS
Methacrylonitrile	NS	ND(0.0054)	NS	ND(0.0052) J	NS
Methyl Methacrylate	NS	ND(0.0054)	NS	ND(0.0052)	NS
Methylene Chloride	NS	ND(0.0054)	NS	ND(0.0052)	NS
Propionitrile	NS	ND(0.011)	NS	ND(0.010)	NS
Styrene	NS	ND(0.00540)	NS	ND(0.00520)	NS
Tetrachloroethene	NS	ND(0.0054)	NS	ND(0.0052)	NS
Toluene	NS	ND(0.00540)	NS	ND(0.00520)	NS
trans-1,2-Dichloroethene	NS	ND(0.0054)	NS	ND(0.0052)	NS
trans-1,3-Dichloropropene	NS	ND(0.0054)	NS	ND(0.0052)	NS
trans-1,4-Dichloro-2-butene	NS	ND(0.0054)	NS	ND(0.0052)	NS
Trichloroethene	NS	ND(0.0054)	NS	ND(0.0052)	NS
Trichlorofluoromethane	NS	ND(0.0054)	NS	ND(0.0052)	NS
Vinyl Acetate	NS	ND(0.0054)	NS	ND(0.0052)	NS
Vinyl Chloride	NS	ND(0.0054)	NS	ND(0.0052)	NS
Xylenes (total)	NS	ND(0.0054)	NS	ND(0.0052)	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Averaging Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	4B RAA4-C36 1-6 05/15/02	4B RAA4-C36 3-5 05/15/02	4B RAA4-C36 6-15 05/15/02	4B RAA4-D21 0-1 05/30/02	4B RAA4-D23 1-6 05/30/02
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
1,2,4-Trichlorobenzene	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
1,2-Dichlorobenzene	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
1,2-Diphenylhydrazine	ND(0.36)	NS	NS	ND(0.35)	ND(0.37)
1,3,5-Trinitrobenzene	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
1,3-Dichlorobenzene	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
1,3-Dinitrobenzene	ND(0.720)	NS	NS	ND(0.700)	ND(0.740)
1,4-Dichlorobenzene	ND(0.360)	NS	NS	0.430	ND(0.370)
1,4-Naphthoquinone	ND(0.720)	NS	NS	ND(0.700)	ND(0.740)
1-Naphthylamine	ND(0.720)	NS	NS	ND(0.700)	ND(0.740)
2,3,4,6-Tetrachlorophenol	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
2,4,5-Trichlorophenol	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
2,4,6-Trichlorophenol	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
2,4-Dichlorophenol	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
2,4-Dimethylphenol	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
2,4-Dinitrophenol	ND(1.80)	NS	NS	ND(1.80)	ND(1.90)
2,4-Dinitrotoluene	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
2,6-Dichlorophenol	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
2,6-Dinitrotoluene	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
2-Acetylaminofluorene	ND(0.720)	NS	NS	ND(0.700)	ND(0.740)
2-Chloronaphthalene	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
2-Chlorophenol	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
2-Methylnaphthalene	0.190 J	NS	NS	ND(0.350)	ND(0.370)
2-Methylphenol	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
2-Naphthylamine	ND(0.720)	NS	NS	ND(0.700)	ND(0.740)
2-Nitroaniline	ND(1.80)	NS	NS	ND(1.8) J	ND(1.9) J
2-Nitrophenol	ND(0.720)	NS	NS	ND(0.700)	ND(0.740)
2-Picoline	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
3&4-Methylphenol	ND(0.720)	NS	NS	ND(0.700)	ND(0.740)
3,3'-Dichlorobenzidine	ND(0.72) J	NS	NS	ND(0.700)	ND(0.740)
3,3'-Dimethylbenzidine	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
3-Methylcholanthrene	ND(0.720)	NS	NS	ND(0.700)	ND(0.740)
3-Nitroaniline	ND(1.80)	NS	NS	ND(1.80)	ND(1.90)
4,6-Dinitro-2-methylphenol	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
4-Aminobiphenyl	ND(0.720)	NS	NS	ND(0.700)	ND(0.740)
4-Bromophenyl-phenylether	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
4-Chloro-3-Methylphenol	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
4-Chloroaniline	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
4-Chlorobenzilate	ND(0.720)	NS	NS	ND(0.700)	ND(0.740)
4-Chlorophenyl-phenylether	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
4-Nitroaniline	ND(1.80)	NS	NS	ND(1.80)	ND(1.90)
4-Nitrophenol	ND(1.80)	NS	NS	ND(1.80)	ND(1.90)
4-Nitroquinoline-1-oxide	ND(0.720)	NS	NS	ND(0.700)	ND(0.740)
4-Phenylenediamine	ND(0.72) J	NS	NS	ND(0.70) J	ND(0.74) J
5-Nitro-o-toluidine	ND(0.720)	NS	NS	ND(0.700)	ND(0.740)
7,12-Dimethylbenz(a)anthracene	ND(0.720)	NS	NS	ND(0.700)	ND(0.740)
a,a'-Dimethylphenethylamine	ND(0.720)	NS	NS	ND(0.709)	ND(0.740)
Acenaphthene	ND(0.360)	NS	NS	ND(0.350)	0.190 J
Acenaphthylene	0.310 J	NS	NS	ND(0.350)	ND(0.370)
Acetophenone	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
Aniline	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
Anthracene	ND(0.360)	NS	NS	ND(0.350)	0.940
Aramite	ND(0.720)	NS	NS	ND(0.700)	ND(0.740)
Benzidine	ND(0.72) J	NS	NS	ND(0.70)	ND(0.74)
Benzo(a)anthracene	0.190 J	NS	NS	0.190 J	2.00
Benzo(a)pyrene	0.310 J	NS	NS	0.170 J	1.50
Benzo(b)fluoranthene	0.280 J	NS	NS	0.130 J	1.10
Benzo(g,h,i)perylene	0.360	NS	NS	ND(0.350)	1.00
Benzo(k)fluoranthene	0.210 J	NS	NS	0.120 J	1.00
Benzyl Alcohol	ND(0.720)	NS	NS	ND(0.700)	ND(0.740)
bis(2-Chloroethoxy)methane	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
bis(2-Chloroethyl)ether	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
bis(2-Chloroisopropyl)ether	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Averaging Area:	4B	4B	4B	4B	4B
Sample ID:	RAA4-C36	RAA4-C36	RAA4-C36	RAA4-D21	RAA4-D23
Sample Depth(Feet):	1-6	3-5	6-15	0-1	1-6
Date Collected:	05/15/02	05/15/02	05/15/02	05/30/02	05/30/02
Semivolatile Organics (continued)					
bis(2-Ethylhexyl)phthalate	ND(0.350)	NS	NS	ND(0.350)	ND(0.370)
Butylbenzylphthalate	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
Chrysene	0.210 J	NS	NS	0.200 J	1.70
Diallate	ND(0.720)	NS	NS	ND(0.700)	ND(0.740)
Dibenzo(a,h)anthracene	ND(0.360)	NS	NS	ND(0.350)	0.280 J
Dibenzofuran	ND(0.360)	NS	NS	ND(0.350)	0.110 J
Diethylphthalate	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
Dimethylphthalate	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
Di-n-Butylphthalate	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
Di-n-Octylphthalate	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
Diphenylamine	ND(0.36)	NS	NS	ND(0.35)	ND(0.37)
Ethyl Methanesulfonate	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
Fluoranthene	0.180 J	NS	NS	0.400	3.40
Fluorene	ND(0.360)	NS	NS	ND(0.350)	0.270 J
Hexachlorobenzene	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
Hexachlorobutadiene	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
Hexachlorocyclopentadiene	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
Hexachloroethane	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
Hexachlorophene	ND(0.72)	NS	NS	ND(0.70)	ND(0.74)
Hexachloropropene	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
Indeno(1,2,3-cd)pyrene	0.310 J	NS	NS	0.110 J	0.900
Isodrin	ND(0.36)	NS	NS	ND(0.35)	ND(0.37)
Isophorone	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
Isosafrole	ND(0.720)	NS	NS	ND(0.700)	ND(0.740)
Methapyrilene	ND(0.720)	NS	NS	ND(0.700)	ND(0.740)
Methyl Methanesulfonate	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
Naphthalene	0.230 J	NS	NS	ND(0.350)	0.100 J
Nitrobenzene	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
N-Nitrosodiethylamine	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
N-Nitrosodimethylamine	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
N-Nitroso-di-n-butylamine	ND(0.720)	NS	NS	ND(0.700)	ND(0.740)
N-Nitroso-di-n-propylamine	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
N-Nitrosodiphenylamine	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
N-Nitrosomethylethylamine	ND(0.720)	NS	NS	ND(0.700)	ND(0.740)
N-Nitrosomorpholine	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
N-Nitrosopiperidine	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
N-Nitrosopyrrolidine	ND(0.720)	NS	NS	ND(0.700)	ND(0.740)
o,o,o-Triethylphosphorothioate	ND(0.36)	NS	NS	ND(0.35)	ND(0.37)
o-Toluidine	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
p-Dimethylaminoazobenzene	ND(0.720)	NS	NS	ND(0.700)	ND(0.740)
Pentachlorobenzene	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
Pentachloroethane	ND(0.36)	NS	NS	ND(0.35)	ND(0.37)
Pentachloronitrobenzene	ND(0.720)	NS	NS	ND(0.700)	ND(0.740)
Pentachlorophenol	ND(1.80)	NS	NS	ND(1.80)	ND(1.90)
Phenacetin	ND(0.720)	NS	NS	ND(0.700)	ND(0.740)
Phenanthrene	0.0810 J	NS	NS	0.210 J	2.70
Phenol	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
Pronamide	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
Pyrene	0.160 J	NS	NS	0.330 J	3.90
Pyridine	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
Safrole	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
Thionazin	ND(0.36)	NS	NS	ND(0.35)	ND(0.37)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B / RAA4-C36 / 1-6 / 05/15/02	4B / RAA4-C36 / 3-5 / 05/15/02	4B / RAA4-C36 / 6-15 / 05/15/02	4B / RAA4-D21 / 0-1 / 05/30/02	4B / RAA4-D23 / 1-6 / 05/30/02
Furans						
2,3,7,8-TCDF		0.0000011	NS	0.00000091	0.00000091 Y	ND(0.0000015)
TCDFs (total)		0.0000068	NS	0.0000086	0.000010	ND(0.0000015)
1,2,3,7,8-PeCDF		ND(0.00000029) X	NS	0.00000054 J	0.00000056 J	ND(0.00000094) X
2,3,4,7,8-PeCDF		0.00000050 J	NS	0.0000016 J	0.0000018 J	0.0000011 J
PeCDFs (total)		0.0000046	NS	0.000011 I	0.000025	0.0000044
1,2,3,4,7,8-HxCDF		0.00000034 J	NS	0.000012	ND(0.00000088) X	ND(0.0000010) X
1,2,3,6,7,8-HxCDF		ND(0.00000026) XJ	NS	0.0000017 J	0.0000010 J	0.0000010 J
1,2,3,7,8,9-HxCDF		ND(0.00000022)	NS	0.0000014 J	0.00000025 J	ND(0.0000026)
2,3,4,6,7,8-HxCDF		0.00000030 J	NS	0.0000015 J	0.0000027 J	0.00000082 J
HxCDFs (total)		0.0000034 J	NS	0.000030 I	0.000032	0.0000029
1,2,3,4,6,7,8-HpCDF		0.0000013 J	NS	0.000010	0.0000051 J	0.0000017 J
1,2,3,4,7,8,9-HpCDF		ND(0.00000022)	NS	0.0000076	0.00000038 J	ND(0.0000026)
HpCDFs (total)		0.0000013 J	NS	0.000033 I	0.0000055	0.0000017
OCDF		0.00000092 J	NS	0.000045	0.0000059 J	ND(0.0000014) X
Dioxins						
2,3,7,8-TCDD		ND(0.00000011)	NS	ND(0.00000011)	ND(0.00000023)	ND(0.0000021)
TCDDs (total)		0.00000075	NS	0.00000063	ND(0.00000039)	ND(0.0000033)
1,2,3,7,8-PeCDD		ND(0.00000022)	NS	0.00000025 J	ND(0.00000022) X	ND(0.0000026)
PeCDDs (total)		0.00000067	NS	0.0000028	0.00000060	ND(0.0000044)
1,2,3,4,7,8-HxCDD		ND(0.00000022)	NS	0.00000035 J	0.00000020 J	ND(0.0000026)
1,2,3,6,7,8-HxCDD		ND(0.00000022)	NS	0.00000064 J	0.00000037 J	ND(0.0000026)
1,2,3,7,8,9-HxCDD		ND(0.00000022)	NS	0.00000039 J	0.00000032 J	ND(0.0000026)
HxCDDs (total)		0.00000034	NS	0.0000081	0.0000027	ND(0.0000026)
1,2,3,4,6,7,8-HpCDD		0.00000096 J	NS	0.0000027	0.0000040 J	ND(0.0000030) X
HpCDDs (total)		0.0000018	NS	0.0000056	0.0000074	ND(0.0000026)
OCDD		0.0000047	NS	0.0000090	0.000027	0.000012 J
Total TEQs (WHO TEFs)		0.00000068	NS	0.0000032	0.0000019	0.0000038
Inorganics						
Antimony		1.00 B	NS	NS	ND(6.00)	1.30 B
Arsenic		13.0	NS	NS	3.90	7.60
Barium		110	NS	NS	ND(20.0)	130
Beryllium		ND(0.500)	NS	NS	ND(0.500)	ND(0.500)
Cadmium		ND(0.500)	NS	NS	0.100 B	ND(0.500)
Chromium		15.0	NS	NS	5.40	6.60
Cobalt		6.20	NS	NS	7.00	9.00
Copper		60.0	NS	NS	18.0	50.0
Cyanide		7.10	NS	NS	ND(0.100)	0.100 B
Lead		66.0	NS	NS	15.0 J	52.0 J
Mercury		ND(0.110)	NS	NS	ND(0.100)	0.130
Nickel		14.0	NS	NS	12.0	12.0
Selenium		ND(1.00)	NS	NS	ND(1.00)	ND(1.00)
Silver		ND(1.00)	NS	NS	ND(1.00)	ND(1.00)
Sulfide		55.0	NS	NS	24.0	18.0
Thallium		ND(1.10) J	NS	NS	ND(1.00) J	ND(1.10) J
Tin		ND(3.30)	NS	NS	ND(3.60)	ND(10.0)
Vanadium		7.30	NS	NS	7.80	6.80
Zinc		45.0	NS	NS	41.0	120

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Averaging Area:	4B	4B	4B	4B	4B	4B
Sample ID:	RAA4-D23	RAA4-D23	RAA4-D23	RAA4-D25	RAA4-D29	RAA4-D29
Sample Depth(Feet):	3-4	13-14	13-15	0-1	0-1	8-10
Date Collected:	05/30/02	05/30/02	05/30/02	04/24/02	04/23/02	04/23/02
Volatile Organics						
1,1,1,2-Tetrachloroethane	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
1,1,1-Trichloroethane	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
1,1,2,2-Tetrachloroethane	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
1,1,2-Trichloroethane	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
1,1-Dichloroethane	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
1,1-Dichloroethene	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
1,2,3-Trichloropropane	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
1,2-Dibromo-3-chloropropane	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
1,2-Dibromoethane	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
1,2-Dichloroethane	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
1,2-Dichloropropane	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
1,4-Dioxane	ND(0.13)	ND(0.11)	NS	ND(0.10) J	ND(0.11) J	ND(0.30) J
2-Butanone	ND(0.013)	ND(0.011)	NS	ND(0.010)	ND(0.011)	ND(0.030)
2-Chloro-1,3-butadiene	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
2-Chloroethylvinylether	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
2-Hexanone	ND(0.013)	ND(0.011)	NS	ND(0.010)	ND(0.011) J	ND(0.060) J
3-Chloropropene	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
4-Methyl-2-pentanone	ND(0.013)	ND(0.011)	NS	ND(0.010)	ND(0.011)	ND(0.060)
Acetone	ND(0.027)	0.011 J	NS	ND(0.021)	ND(0.022)	ND(0.060)
Acetonitrile	ND(0.13)	ND(0.11)	NS	ND(0.10)	ND(0.11) J	ND(0.60) J
Acrolein	ND(0.13)	ND(0.11)	NS	ND(0.10) J	ND(0.11) J	ND(0.60) J
Acrylonitrile	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
Benzene	ND(0.0067)	ND(0.0054)	NS	ND(0.00530)	ND(0.00540)	ND(0.0300)
Bromodichloromethane	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
Bromoform	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
Bromomethane	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
Carbon Disulfide	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
Carbon Tetrachloride	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
Chlorobenzene	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	1.2
Chloroethane	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
Chloroform	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
Chloromethane	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
cis-1,3-Dichloropropene	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
Dibromochloromethane	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
Dibromomethane	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
Dichlorodifluoromethane	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
Ethyl Methacrylate	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
Ethylbenzene	ND(0.0067)	ND(0.0054)	NS	ND(0.00530)	ND(0.00540)	ND(0.0300)
Iodomethane	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
Isobutanol	ND(0.13)	ND(0.11)	NS	ND(0.10)	ND(0.11) J	ND(0.60) J
Methacrylonitrile	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
Methyl Methacrylate	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
Methylene Chloride	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
Propionitrile	ND(0.013)	ND(0.011)	NS	ND(0.010)	ND(0.011)	ND(0.030)
Styrene	ND(0.0067)	ND(0.0054)	NS	ND(0.00530)	ND(0.00540)	ND(0.0300)
Tetrachloroethene	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
Toluene	ND(0.0067)	ND(0.0054)	NS	ND(0.00530)	ND(0.00540)	ND(0.0300)
trans-1,2-Dichloroethene	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
trans-1,3-Dichloropropene	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
trans-1,4-Dichloro-2-butene	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
Trichloroethene	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
Trichlorofluoromethane	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
Vinyl Acetate	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054) J	ND(0.030) J
Vinyl Chloride	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
Xylenes (total)	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-D23 3-4 05/30/02	4B RAA4-D23 13-14 05/30/02	4B RAA4-D23 13-15 05/30/02	4B RAA4-D25 0-1 04/24/02	4B RAA4-D29 0-1 04/23/02	4B RAA4-D29 8-10 04/23/02
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
1,2,4-Trichlorobenzene		NS	NS	ND(0.370)	ND(0.530)	0.280 J	NS
1,2-Dichlorobenzene		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
1,2-Diphenylhydrazine		NS	NS	ND(0.37)	ND(0.53)	ND(0.44)	NS
1,3,5-Trinitrobenzene		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
1,3-Dichlorobenzene		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
1,3-Dinitrobenzene		NS	NS	ND(0.750)	ND(0.710)	ND(0.730)	NS
1,4-Dichlorobenzene		NS	NS	0.0780 J	ND(0.530)	ND(0.440)	NS
1,4-Naphthoquinone		NS	NS	ND(0.750)	ND(0.710)	ND(0.730)	NS
1-Naphthylamine		NS	NS	ND(0.750)	ND(0.710)	ND(0.730)	NS
2,3,4,6-Tetrachlorophenol		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
2,4,5-Trichlorophenol		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
2,4,6-Trichlorophenol		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
2,4-Dichlorophenol		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
2,4-Dimethylphenol		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
2,4-Dinitrophenol		NS	NS	ND(1.90)	ND(2.60)	ND(2.20)	NS
2,4-Dinitrotoluene		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
2,6-Dichlorophenol		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
2,6-Dinitrotoluene		NS	NS	ND(0.370)	ND(0.53) J	ND(0.440)	NS
2-Acetylaminofluorene		NS	NS	ND(0.750)	ND(0.710)	ND(0.730)	NS
2-Chloronaphthalene		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
2-Chlorophenol		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
2-Methylnaphthalene		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
2-Methylphenol		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
2-Naphthylamine		NS	NS	ND(0.750)	ND(0.710)	ND(0.730)	NS
2-Nitroaniline		NS	NS	ND(1.9) J	ND(2.60)	ND(2.20)	NS
2-Nitrophenol		NS	NS	ND(0.750)	ND(0.710)	ND(0.730)	NS
2-Picoline		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
3&4-Methylphenol		NS	NS	ND(0.750)	ND(0.710)	ND(0.730)	NS
3,3'-Dichlorobenzidine		NS	NS	ND(0.750)	ND(1.00)	ND(0.870)	NS
3,3'-Dimethylbenzidine		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
3-Methylcholanthrene		NS	NS	ND(0.750)	ND(0.710)	ND(0.730)	NS
3-Nitroaniline		NS	NS	ND(1.90)	ND(2.60)	ND(2.20)	NS
4,6-Dinitro-2-methylphenol		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
4-Aminobiphenyl		NS	NS	ND(0.750)	ND(0.710)	ND(0.730)	NS
4-Bromophenyl-phenylether		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
4-Chloro-3-Methylphenol		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
4-Chloroaniline		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
4-Chlorobenzilate		NS	NS	ND(0.750)	ND(0.710)	ND(0.730)	NS
4-Chlorophenyl-phenylether		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
4-Nitroaniline		NS	NS	ND(1.90)	ND(1.80)	ND(1.80)	NS
4-Nitrophenol		NS	NS	ND(1.90)	ND(2.60)	ND(2.20)	NS
4-Nitroquinoline-1-oxide		NS	NS	ND(0.750)	ND(0.710)	ND(0.730)	NS
4-Phenylenediamine		NS	NS	ND(0.75) J	ND(0.71) J	ND(0.73) J	NS
5-Nitro-o-toluidine		NS	NS	ND(0.750)	ND(0.710)	ND(0.730)	NS
7,12-Dimethylbenz(a)anthracene		NS	NS	ND(0.750)	ND(0.710)	ND(0.730)	NS
a,a'-Dimethylphenethylamine		NS	NS	ND(0.750)	ND(0.710)	ND(0.730)	NS
Acenaphthene		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
Acenaphthylene		NS	NS	ND(0.370)	0.180 J	ND(0.440)	NS
Acetophenone		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
Aniline		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
Anthracene		NS	NS	ND(0.370)	ND(0.530)	0.120 J	NS
Aramite		NS	NS	ND(0.750)	ND(0.710)	ND(0.730)	NS
Benzidine		NS	NS	ND(0.75)	ND(1.0)	ND(0.87)	NS
Benzo(a)anthracene		NS	NS	ND(0.370)	ND(0.530)	0.490	NS
Benzo(a)pyrene		NS	NS	ND(0.370)	ND(0.530)	0.420 J	NS
Benzo(b)fluoranthene		NS	NS	ND(0.370)	0.190 J	0.270 J	NS
Benzo(g,h,i)perylene		NS	NS	ND(0.370)	0.220 J	0.230 J	NS
Benzo(k)fluoranthene		NS	NS	ND(0.370)	ND(0.530)	0.300 J	NS
Benzyl Alcohol		NS	NS	ND(0.750)	ND(1.00)	ND(0.870)	NS
bis(2-Chloroethoxy)methane		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
bis(2-Chloroethyl)ether		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
bis(2-Chloroisopropyl)ether		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-D23 3-4 05/30/02	4B RAA4-D23 13-14 05/30/02	4B RAA4-D23 13-15 05/30/02	4B RAA4-D25 0-1 04/24/02	4B RAA4-D29 0-1 04/23/02	4B RAA4-D29 8-10 04/23/02
Semivolatile Organics (continued)							
bis(2-Ethylhexyl)phthalate		NS	NS	ND(0.370)	ND(0.350)	0.770	NS
Butylbenzylphthalate		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
Chrysene		NS	NS	ND(0.370)	ND(0.530)	0.550	NS
Diallate		NS	NS	ND(0.750)	ND(0.710)	ND(0.730)	NS
Dibenzo(a,h)anthracene		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
Dibenzofuran		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
Diethylphthalate		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
Dimethylphthalate		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
Di-n-Butylphthalate		NS	NS	ND(0.370)	ND(0.530)	0.320 J	NS
Di-n-Octylphthalate		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
Diphenylamine		NS	NS	ND(0.37)	ND(0.53)	ND(0.44)	NS
Ethyl Methanesulfonate		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
Fluoranthene		NS	NS	ND(0.370)	ND(0.530)	0.780	NS
Fluorene		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
Hexachlorobenzene		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
Hexachlorobutadiene		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
Hexachlorocyclopentadiene		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
Hexachloroethane		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
Hexachlorophene		NS	NS	ND(0.75)	ND(1.0)	ND(0.87)	NS
Hexachloropropene		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
Indeno(1,2,3-cd)pyrene		NS	NS	ND(0.370)	ND(0.530)	0.190 J	NS
Isodrin		NS	NS	ND(0.37)	ND(0.53)	ND(0.44)	NS
Isophorone		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
Isosafrole		NS	NS	ND(0.750)	ND(0.710)	ND(0.730)	NS
Methapyrilene		NS	NS	ND(0.750)	ND(0.710)	ND(0.730)	NS
Methyl Methanesulfonate		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
Naphthalene		NS	NS	ND(0.370)	ND(0.530)	0.100 J	NS
Nitrobenzene		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
N-Nitrosodiethylamine		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
N-Nitrosodimethylamine		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
N-Nitroso-di-n-butylamine		NS	NS	ND(0.750)	ND(0.710)	ND(0.730)	NS
N-Nitroso-di-n-propylamine		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
N-Nitrosodiphenylamine		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
N-Nitrosomethylethylamine		NS	NS	ND(0.750)	ND(0.710)	ND(0.730)	NS
N-Nitrosomorpholine		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
N-Nitrosopiperidine		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
N-Nitrosopyrrolidine		NS	NS	ND(0.750)	ND(0.710)	ND(0.730)	NS
o,o,o-Triethylphosphorothioate		NS	NS	ND(0.37)	ND(0.53)	ND(0.44)	NS
o-Toluidine		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
p-Dimethylaminoazobenzene		NS	NS	ND(0.750)	ND(0.710)	ND(0.730)	NS
Pentachlorobenzene		NS	NS	ND(0.370)	ND(0.530)	0.200 J	NS
Pentachloroethane		NS	NS	ND(0.37)	ND(0.53)	ND(0.44)	NS
Pentachloronitrobenzene		NS	NS	ND(0.750)	ND(0.710)	ND(0.730)	NS
Pentachlorophenol		NS	NS	ND(1.90)	ND(2.60)	ND(2.20)	NS
Phenacetin		NS	NS	ND(0.750)	ND(0.710)	ND(0.730)	NS
Phenanthrene		NS	NS	ND(0.370)	ND(0.530)	0.480	NS
Phenol		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
Pronamide		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
Pyrene		NS	NS	ND(0.370)	ND(0.530)	1.40	NS
Pyridine		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
Safrole		NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
Thionazin		NS	NS	ND(0.37)	ND(0.53)	ND(0.44)	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-D23 3-4 05/30/02	4B RAA4-D23 13-14 05/30/02	4B RAA4-D23 13-15 05/30/02	4B RAA4-D25 0-1 04/24/02	4B RAA4-D29 0-1 04/23/02	4B RAA4-D29 8-10 04/23/02
Furans							
2,3,7,8-TCDF		NS	NS	NS	0.0000010 YB	0.00016 Y	NS
TCDFs (total)		NS	NS	NS	ND(0.000021) X	0.0011 X	NS
1,2,3,7,8-PeCDF		NS	NS	NS	ND(0.00000065)	0.00010	NS
2,3,4,7,8-PeCDF		NS	NS	NS	ND(0.00000091) X	0.00014	NS
PeCDFs (total)		NS	NS	NS	ND(0.000047) X	0.0014	NS
1,2,3,4,7,8-HxCDF		NS	NS	NS	0.0000022 JB	0.00044	NS
1,2,3,6,7,8-HxCDF		NS	NS	NS	0.0000011 JB	0.00016	NS
1,2,3,7,8,9-HxCDF		NS	NS	NS	ND(0.00000030)	ND(0.000018) X	NS
2,3,4,6,7,8-HxCDF		NS	NS	NS	ND(0.0000021) X	0.00012	NS
HxCDFs (total)		NS	NS	NS	ND(0.000030) X	0.0018	NS
1,2,3,4,6,7,8-HpCDF		NS	NS	NS	ND(0.0000032) X	0.00044	NS
1,2,3,4,7,8,9-HpCDF		NS	NS	NS	ND(0.00000070)	0.00011	NS
HpCDFs (total)		NS	NS	NS	ND(0.0000069) X	0.00097	NS
OCDF		NS	NS	NS	ND(0.0000030)	0.0011	NS
Dioxins							
2,3,7,8-TCDD		NS	NS	NS	ND(0.00000020)	0.0000016	NS
TCDDs (total)		NS	NS	NS	ND(0.00000020)	0.000015	NS
1,2,3,7,8-PeCDD		NS	NS	NS	ND(0.00000030)	ND(0.0000042) X	NS
PeCDDs (total)		NS	NS	NS	ND(0.0000021) X	0.0000034	NS
1,2,3,4,7,8-HxCDD		NS	NS	NS	ND(0.00000050)	0.0000033 J	NS
1,2,3,6,7,8-HxCDD		NS	NS	NS	ND(0.00000060)	0.0000098	NS
1,2,3,7,8,9-HxCDD		NS	NS	NS	ND(0.00000060)	0.000013	NS
HxCDDs (total)		NS	NS	NS	ND(0.00000060)	0.000068	NS
1,2,3,4,6,7,8-HpCDD		NS	NS	NS	ND(0.0000032) X	0.000078	NS
HpCDDs (total)		NS	NS	NS	0.0000046	0.00017	NS
OCDD		NS	NS	NS	0.000026	0.00043	NS
Total TEQs (WHO TEFs)		NS	NS	NS	0.0000012	0.00018	NS
Inorganics							
Antimony		NS	NS	NS	ND(6.00)	ND(6.00)	NS
Arsenic		NS	NS	NS	4.70	11.0	NS
Barium		NS	NS	NS	22.0	42.0	NS
Beryllium		NS	NS	NS	ND(0.500)	ND(0.500)	NS
Cadmium		NS	NS	NS	0.520	1.50	NS
Chromium		NS	NS	NS	6.20	44.0	NS
Cobalt		NS	NS	NS	6.20	9.40	NS
Copper		NS	NS	NS	15.0	170	NS
Cyanide		NS	NS	NS	ND(0.100)	0.760	NS
Lead		NS	NS	NS	14.0 J	100	NS
Mercury		NS	NS	NS	ND(0.100)	2.00	NS
Nickel		NS	NS	NS	12.0	45.0	NS
Selenium		NS	NS	NS	ND(1.00) J	ND(1.00)	NS
Silver		NS	NS	NS	ND(1.00)	ND(1.00)	NS
Sulfide		NS	NS	NS	8.40	78.0	NS
Thallium		NS	NS	NS	ND(1.00) J	ND(1.10) J	NS
Tin		NS	NS	NS	ND(10.0)	ND(14.0)	NS
Vanadium		NS	NS	NS	7.80	16.0	NS
Zinc		NS	NS	NS	41.0	140	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area:	4B	4B	4B	4B	4B	4B
	Sample ID:	RAA4-D31	RAA4-D33	RAA4-D34	RAA4-D34	RAA4-D34	RAA4-D35
	Sample Depth(Feet):	0-1	0-1	0-1	6-8	6-15	6-15
	Date Collected:	05/21/02	05/21/02	04/23/02	04/23/02	04/23/02	05/17/02
Volatile Organics							
1,1,1,2-Tetrachloroethane		NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
1,1,1-Trichloroethane		NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
1,1,2,2-Tetrachloroethane		NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
1,1,2-Trichloroethane		NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
1,1-Dichloroethane		NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
1,1-Dichloroethene		NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
1,2,3-Trichloropropane		NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
1,2-Dibromo-3-chloropropane		NS	ND(0.0057) J	ND(0.0057)	ND(0.0061)	NS	NS
1,2-Dibromoethane		NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
1,2-Dichloroethane		NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
1,2-Dichloropropane		NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
1,4-Dioxane		NS	ND(0.11) J	ND(0.11) J	ND(0.12) J	NS	NS
2-Butanone		NS	ND(0.011)	ND(0.011)	0.013	NS	NS
2-Chloro-1,3-butadiene		NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
2-Chloroethylvinylether		NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
2-Hexanone		NS	ND(0.011) J	ND(0.011) J	ND(0.012) J	NS	NS
3-Chloropropene		NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
4-Methyl-2-pentanone		NS	ND(0.011)	ND(0.011)	ND(0.012)	NS	NS
Acetone		NS	ND(0.023)	ND(0.023)	0.032	NS	NS
Acetonitrile		NS	ND(0.11) J	ND(0.11) J	ND(0.12) J	NS	NS
Acrolein		NS	ND(0.11) J	ND(0.11) J	ND(0.12) J	NS	NS
Acrylonitrile		NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
Benzene		NS	ND(0.00570)	ND(0.00570)	ND(0.00610)	NS	NS
Bromodichloromethane		NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
Bromoform		NS	ND(0.0057) J	ND(0.0057)	ND(0.0061)	NS	NS
Bromomethane		NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
Carbon Disulfide		NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
Carbon Tetrachloride		NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
Chlorobenzene		NS	ND(0.0057)	ND(0.0057)	0.018	NS	NS
Chloroethane		NS	ND(0.0057) J	ND(0.0057)	ND(0.0061)	NS	NS
Chloroform		NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
Chloromethane		NS	ND(0.0057) J	ND(0.0057)	ND(0.0061)	NS	NS
cis-1,3-Dichloropropene		NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
Dibromochloromethane		NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
Dibromomethane		NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
Dichlorodifluoromethane		NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
Ethyl Methacrylate		NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
Ethylbenzene		NS	ND(0.00570)	ND(0.00570)	0.00310 J	NS	NS
Iodomethane		NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
Isobutanol		NS	ND(0.11)	ND(0.11) J	ND(0.12) J	NS	NS
Methacrylonitrile		NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
Methyl Methacrylate		NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
Methylene Chloride		NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
Propionitrile		NS	ND(0.011)	ND(0.011)	ND(0.012)	NS	NS
Styrene		NS	ND(0.00570)	ND(0.00570)	ND(0.00610)	NS	NS
Tetrachloroethene		NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
Toluene		NS	ND(0.00570)	ND(0.00570)	ND(0.00610)	NS	NS
trans-1,2-Dichloroethene		NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
trans-1,3-Dichloropropene		NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
trans-1,4-Dichloro-2-butene		NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
Trichloroethene		NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
Trichlorofluoromethane		NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
Vinyl Acetate		NS	ND(0.0057)	ND(0.0057) J	ND(0.0061) J	NS	NS
Vinyl Chloride		NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
Xylenes (total)		NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-D31 0-1 05/21/02	4B RAA4-D33 0-1 05/21/02	4B RAA4-D34 0-1 04/23/02	4B RAA4-D34 6-8 04/23/02	4B RAA4-D34 6-15 04/23/02	4B RAA4-D35 6-15 05/17/02
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
1,2,4-Trichlorobenzene		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
1,2-Dichlorobenzene		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
1,2-Diphenylhydrazine		NS	ND(0.38)	ND(0.38)	NS	ND(0.41)	NS
1,3,5-Trinitrobenzene		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
1,3-Dichlorobenzene		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
1,3-Dinitrobenzene		NS	ND(0.760)	ND(0.760)	NS	ND(0.820)	NS
1,4-Dichlorobenzene		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
1,4-Naphthoquinone		NS	ND(0.760)	ND(0.760)	NS	ND(0.820)	NS
1-Naphthylamine		NS	ND(0.760)	ND(0.760)	NS	ND(0.820)	NS
2,3,4,6-Tetrachlorophenol		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
2,4,5-Trichlorophenol		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
2,4,6-Trichlorophenol		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
2,4-Dichlorophenol		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
2,4-Dimethylphenol		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
2,4-Dinitrophenol		NS	ND(1.90)	ND(1.90)	NS	ND(2.10)	NS
2,4-Dinitrotoluene		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
2,6-Dichlorophenol		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
2,6-Dinitrotoluene		NS	ND(0.380)	ND(0.380)	NS	ND(0.41) J	NS
2-Acetylaminofluorene		NS	ND(0.760)	ND(0.760)	NS	ND(0.820)	NS
2-Chloronaphthalene		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
2-Chlorophenol		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
2-Methylnaphthalene		NS	1.20	0.320 J	NS	3.40	NS
2-Methylphenol		NS	ND(0.380)	ND(0.380)	NS	0.260 J	NS
2-Naphthylamine		NS	ND(0.760)	ND(0.760)	NS	ND(0.820)	NS
2-Nitroaniline		NS	ND(1.9) J	ND(1.90)	NS	ND(2.10)	NS
2-Nitrophenol		NS	ND(0.760)	ND(0.760)	NS	ND(0.820)	NS
2-Picoline		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
3&4-Methylphenol		NS	ND(0.760)	ND(0.760)	NS	0.630 J	NS
3,3'-Dichlorobenzidine		NS	ND(0.760)	ND(0.760)	NS	ND(0.820)	NS
3,3'-Dimethylbenzidine		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
3-Methylcholanthrene		NS	ND(0.760)	ND(0.760)	NS	ND(0.820)	NS
3-Nitroaniline		NS	ND(1.90)	ND(1.90)	NS	ND(2.10)	NS
4,6-Dinitro-2-methylphenol		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
4-Aminobiphenyl		NS	ND(0.760)	ND(0.760)	NS	ND(0.820)	NS
4-Bromophenyl-phenylether		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
4-Chloro-3-Methylphenol		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
4-Chloroaniline		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
4-Chlorobenzilate		NS	ND(0.760)	ND(0.760)	NS	ND(0.820)	NS
4-Chlorophenyl-phenylether		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
4-Nitroaniline		NS	ND(1.90)	ND(1.90)	NS	ND(2.10)	NS
4-Nitrophenol		NS	ND(1.90)	ND(1.90)	NS	ND(2.10)	NS
4-Nitroquinoline-1-oxide		NS	ND(0.760)	ND(0.760)	NS	ND(0.820)	NS
4-Phenylenediamine		NS	ND(0.76) J	ND(0.76) J	NS	ND(0.82) J	NS
5-Nitro-o-toluidine		NS	ND(0.760)	ND(0.760)	NS	ND(0.820)	NS
7,12-Dimethylbenz(a)anthracene		NS	ND(0.760)	ND(0.760)	NS	ND(0.820)	NS
a,a'-Dimethylphenethylamine		NS	ND(0.760)	ND(0.760)	NS	ND(0.820)	NS
Acenaphthene		NS	0.0940 J	ND(0.380)	NS	0.650	NS
Acenaphthylene		NS	0.490	0.420	NS	1.60	NS
Acetophenone		NS	ND(0.380)	0.190 J	NS	0.220 J	NS
Aniline		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
Anthracene		NS	0.420	0.420	NS	4.00	NS
Aramite		NS	ND(0.760)	ND(0.760)	NS	ND(0.820)	NS
Benzidine		NS	ND(0.76)	ND(0.76)	NS	ND(0.82) J	NS
Benzo(a)anthracene		NS	2.00	1.30	NS	3.30	NS
Benzo(a)pyrene		NS	2.50	1.30	NS	2.00	NS
Benzo(b)fluoranthene		NS	1.90	1.70	NS	2.70	NS
Benzo(g,h,i)perylene		NS	2.20	1.60	NS	0.690	NS
Benzo(k)fluoranthene		NS	1.60	1.60	NS	1.80	NS
Benzyl Alcohol		NS	ND(0.760)	ND(0.760)	NS	ND(0.820)	NS
bis(2-Chloroethoxy)methane		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
bis(2-Chloroethyl)ether		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
bis(2-Chloroisopropyl)ether		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-D31 0-1 05/21/02	4B RAA4-D33 0-1 05/21/02	4B RAA4-D34 0-1 04/23/02	4B RAA4-D34 6-8 04/23/02	4B RAA4-D34 6-15 04/23/02	4B RAA4-D35 6-15 05/17/02
Semivolatile Organics (continued)							
bis(2-Ethylhexyl)phthalate		NS	ND(0.370)	ND(0.380)	NS	ND(0.400)	NS
Butylbenzylphthalate		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
Chrysene		NS	2.10	1.30	NS	2.80	NS
Diallate		NS	ND(0.760)	ND(0.760)	NS	ND(0.820)	NS
Dibenzo(a,h)anthracene		NS	0.600	0.660	NS	ND(0.410)	NS
Dibenzofuran		NS	0.0920 J	0.0980 J	NS	3.10	NS
Diethylphthalate		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
Dimethylphthalate		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
Di-n-Butylphthalate		NS	0.180 J	0.180 J	NS	ND(0.410)	NS
Di-n-Octylphthalate		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
Diphenylamine		NS	ND(0.38)	ND(0.38)	NS	ND(0.41)	NS
Ethyl Methanesulfonate		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
Fluoranthene		NS	1.80	2.00	NS	15.0	NS
Fluorene		NS	0.190 J	0.110 J	NS	3.20	NS
Hexachlorobenzene		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
Hexachlorobutadiene		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
Hexachlorocyclopentadiene		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
Hexachloroethane		NS	ND(0.38) J	ND(0.380)	NS	ND(0.410)	NS
Hexachlorophene		NS	ND(0.76)	ND(0.76)	NS	ND(0.82)	NS
Hexachloropropene		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
Indeno(1,2,3-cd)pyrene		NS	1.80	1.70	NS	0.700	NS
Isodrin		NS	ND(0.38)	ND(0.38)	NS	ND(0.41)	NS
Isophorone		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
Isosafrole		NS	ND(0.760)	ND(0.760)	NS	ND(0.820)	NS
Methapyrilene		NS	ND(0.760)	ND(0.760)	NS	ND(0.820)	NS
Methyl Methanesulfonate		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
Naphthalene		NS	2.40	1.20	NS	12.0	NS
Nitrobenzene		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
N-Nitrosodiethylamine		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
N-Nitrosodimethylamine		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
N-Nitroso-di-n-butylamine		NS	ND(0.760)	ND(0.760)	NS	ND(0.820)	NS
N-Nitroso-di-n-propylamine		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
N-Nitrosodiphenylamine		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
N-Nitrosomethylethylamine		NS	ND(0.760)	ND(0.760)	NS	ND(0.820)	NS
N-Nitrosomorpholine		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
N-Nitrosopiperidine		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
N-Nitrosopyrrolidine		NS	ND(0.760)	ND(0.760)	NS	ND(0.820)	NS
o,o,o-Triethylphosphorothioate		NS	ND(0.38)	ND(0.38)	NS	ND(0.41)	NS
o-Toluidine		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
p-Dimethylaminoazobenzene		NS	ND(0.760)	ND(0.760)	NS	ND(0.820)	NS
Pentachlorobenzene		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
Pentachloroethane		NS	ND(0.38)	ND(0.38)	NS	ND(0.41)	NS
Pentachloronitrobenzene		NS	ND(0.760)	ND(0.760)	NS	ND(0.820)	NS
Pentachlorophenol		NS	ND(1.90)	ND(1.90)	NS	ND(2.10)	NS
Phenacetin		NS	ND(0.760)	ND(0.760)	NS	ND(0.820)	NS
Phenanthrene		NS	1.60	1.30	NS	20.0	NS
Phenol		NS	ND(0.380)	0.0930 J	NS	0.710	NS
Pronamide		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
Pyrene		NS	5.40	2.80	NS	12.0	NS
Pyridine		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
Safrole		NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
Thionazin		NS	ND(0.38)	ND(0.38)	NS	ND(0.41)	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B / RAA4-D31 / 0-1 / 05/21/02	4B / RAA4-D33 / 0-1 / 05/21/02	4B / RAA4-D34 / 0-1 / 04/23/02	4B / RAA4-D34 / 6-8 / 04/23/02	4B / RAA4-D34 / 6-15 / 04/23/02	4B / RAA4-D35 / 6-15 / 05/17/02
Furans							
2,3,7,8-TCDF		0.000022	0.000055	0.000022 J	NS	0.000011 YB	0.0000018
TCDFs (total)		0.00012	0.00046	0.00024	NS	0.00014 X	0.000026 I
1,2,3,7,8-PeCDF		0.0000093 J	0.000017 J	0.0000096	NS	0.0000036 JB	0.0000020 J
2,3,4,7,8-PeCDF		0.000026	0.000033	0.000012 J	NS	0.0000058	0.0000074
PeCDFs (total)		0.00027	0.00034 Q	0.00021	NS	0.00025	0.000059 I
1,2,3,4,7,8-HxCDF		0.000021 J	0.000027 J	0.000029	NS	0.0000088	0.000045
1,2,3,6,7,8-HxCDF		0.000012 J	0.000016 J	0.000015	NS	0.000011	0.0000059
1,2,3,7,8,9-HxCDF		0.0000042 J	0.0000061 J	ND(0.0000023) X	NS	ND(0.0000030) X	0.0000067
2,3,4,6,7,8-HxCDF		0.000027	0.000029	0.000028 YJ	NS	0.000035	0.0000064
HxCDFs (total)		0.00036	0.00050	0.00046	NS	0.00054	0.00012 I
1,2,3,4,6,7,8-HpCDF		0.00011	0.00028	0.00022	NS	0.000041	0.000039
1,2,3,4,7,8,9-HpCDF		0.0000074 J	0.0000091 J	0.0000082	NS	0.0000031 J	0.000030
HpCDFs (total)		0.00023	0.00050	0.00039	NS	0.00010	0.00013
OCDF		0.000088	0.00014	0.00012	NS	0.000012	0.00017
Dioxins							
2,3,7,8-TCDD		ND(0.0000012) X	ND(0.0000023) X	0.00000092 JB	NS	ND(0.00000030)	0.00000026 J
TCDDs (total)		0.0000050	0.0000066	0.0000070	NS	0.0000023	0.0000060
1,2,3,7,8-PeCDD		ND(0.0000061) X	ND(0.0000025) X	0.0000013 J	NS	ND(0.00000030)	0.0000013 J
PeCDDs (total)		0.0000023	0.0000099 Q	0.0000049	NS	0.00000063	0.0000070
1,2,3,4,7,8-HxCDD		ND(0.0000016) X	0.0000020 J	0.0000011 J	NS	0.00000054 J	0.0000017 J
1,2,3,6,7,8-HxCDD		ND(0.0000038) X	0.0000068 J	0.0000033 J	NS	0.00000077 J	0.0000030
1,2,3,7,8,9-HxCDD		0.0000021 J	0.0000050 J	0.0000017 J	NS	ND(0.00000077) X	0.0000017 J
HxCDDs (total)		0.000019	0.000053	0.000019	NS	0.0000075	0.000033
1,2,3,4,6,7,8-HpCDD		0.000050	0.00011	0.000047	NS	0.0000065	0.000011
HpCDDs (total)		0.000099	0.00021	0.000092	NS	0.000012	0.000022
OCDD		0.00047	0.00084	0.00038	NS	0.000025	0.000031
Total TEQs (WHO TEFs)		0.000028	0.000039	0.000022	NS	0.000011	0.000013
Inorganics							
Antimony		NS	0.940 B	1.50 B	NS	ND(6.00)	NS
Arsenic		NS	7.50	6.60	NS	14.0	NS
Barium		NS	34.0	26.0	NS	59.0	NS
Beryllium		NS	ND(0.500)	ND(0.500)	NS	ND(0.500)	NS
Cadmium		NS	0.530	ND(0.500)	NS	0.800	NS
Chromium		NS	11.0	9.90	NS	17.0	NS
Cobalt		NS	8.20	6.60	NS	6.30	NS
Copper		NS	38.0	37.0	NS	92.0	NS
Cyanide		NS	1.40	5.30	NS	7.00	NS
Lead		NS	190 J	47.0	NS	180	NS
Mercury		NS	ND(0.110)	0.260	NS	0.490	NS
Nickel		NS	17.0	13.0	NS	20.0	NS
Selenium		NS	0.570 J	ND(1.00)	NS	1.10	NS
Silver		NS	ND(1.00)	ND(1.00)	NS	ND(1.00)	NS
Sulfide		NS	34.0	82.0	NS	400	NS
Thallium		NS	ND(1.70)	ND(1.10) J	NS	ND(1.20) J	NS
Tin		NS	4.50 B	ND(10.0)	NS	63.0	NS
Vanadium		NS	9.10	9.20	NS	17.0	NS
Zinc		NS	74.0 J	64.0	NS	220	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-E17 0-1 06/07/02	4B RAA4-E17 1-6 06/07/02	4B RAA4-E23 0-1 04/24/02	4B RAA4-E27 6-15 06/04/02	4B RAA4-E27 13-15 06/04/02	4B RAA4-E29 0-1 05/21/02
Volatile Organics							
1,1,1,2-Tetrachloroethane		ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)
1,1,1-Trichloroethane		ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)
1,1,2,2-Tetrachloroethane		ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)
1,1,2-Trichloroethane		ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)
1,1-Dichloroethane		ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)
1,1-Dichloroethene		ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)
1,2,3-Trichloropropane		ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)
1,2-Dibromo-3-chloropropane		ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)
1,2-Dibromoethane		ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)
1,2-Dichloroethane		ND(0.0055)	NS	ND(0.0053)	NS	0.069	ND(0.36)
1,2-Dichloropropane		ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)
1,4-Dioxane		ND(0.11) J	NS	ND(0.10) J	NS	ND(0.31) J	ND(14) J
2-Butanone		ND(0.011)	NS	ND(0.010)	NS	ND(0.031)	ND(7.2)
2-Chloro-1,3-butadiene		ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)
2-Chloroethylvinylether		ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)
2-Hexanone		ND(0.011)	NS	ND(0.010)	NS	ND(0.062)	ND(0.72)
3-Chloropropene		ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.72)
4-Methyl-2-pentanone		ND(0.011)	NS	ND(0.010)	NS	ND(0.062)	ND(0.72)
Acetone		0.031	NS	ND(0.021)	NS	0.066	ND(7.2) J
Acetonitrile		ND(0.11)	NS	ND(0.10)	NS	ND(0.62) J	ND(7.2) J
Acrolein		ND(0.11) J	NS	ND(0.10) J	NS	ND(0.62) J	ND(7.2) J
Acrylonitrile		ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.72) J
Benzene		ND(0.00550)	NS	ND(0.00530)	NS	ND(0.0310)	ND(0.360)
Bromodichloromethane		ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)
Bromoform		ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031) J	ND(0.36)
Bromomethane		ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.72)
Carbon Disulfide		ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.72)
Carbon Tetrachloride		ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)
Chlorobenzene		ND(0.0055)	NS	ND(0.0053)	NS	28	ND(0.36)
Chloroethane		ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031) J	ND(0.72)
Chloroform		ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)
Chloromethane		ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.72)
cis-1,3-Dichloropropene		ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)
Dibromochloromethane		ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)
Dibromomethane		ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)
Dichlorodifluoromethane		ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.72)
Ethyl Methacrylate		ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.72)
Ethylbenzene		ND(0.00550)	NS	ND(0.00530)	NS	0.480	5.80
Iodomethane		ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)
Isobutanol		ND(0.11)	NS	ND(0.10)	NS	ND(0.62)	ND(14)
Methacrylonitrile		ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.72)
Methyl Methacrylate		ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.72)
Methylene Chloride		ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)
Propionitrile		ND(0.011)	NS	ND(0.010)	NS	ND(0.031)	ND(3.6) J
Styrene		ND(0.00550)	NS	ND(0.00530)	NS	ND(0.0310)	ND(0.360)
Tetrachloroethene		ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)
Toluene		ND(0.00550)	NS	ND(0.00530)	NS	0.0320	ND(0.360)
trans-1,2-Dichloroethene		ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)
trans-1,3-Dichloropropene		ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)
trans-1,4-Dichloro-2-butene		ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.72)
Trichloroethene		ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)
Trichlorofluoromethane		ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)
Vinyl Acetate		ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.72)
Vinyl Chloride		ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.72)
Xylenes (total)		ND(0.0055)	NS	ND(0.0053)	NS	3.0	10

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Averaging Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	4B RAA4-E17 0-1 06/07/02	4B RAA4-E17 1-6 06/07/02	4B RAA4-E23 0-1 04/24/02	4B RAA4-E27 6-15 06/04/02	4B RAA4-E27 13-15 06/04/02	4B RAA4-E29 0-1 05/21/02
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
1,2,4-Trichlorobenzene	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	1.60
1,2-Dichlorobenzene	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
1,2-Diphenylhydrazine	ND(0.36)	NS	ND(0.35)	ND(1.4)	NS	ND(0.38)
1,3,5-Trinitrobenzene	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
1,3-Dichlorobenzene	ND(0.360)	NS	ND(0.350)	0.180 J	NS	ND(0.380)
1,3-Dinitrobenzene	ND(0.730)	NS	ND(0.710)	ND(1.40)	NS	ND(0.770)
1,4-Dichlorobenzene	ND(0.360)	NS	ND(0.350)	0.770 J	NS	1.90
1,4-Naphthoquinone	ND(0.730)	NS	ND(0.710)	ND(1.40)	NS	ND(0.770)
1-Naphthylamine	ND(0.730)	NS	ND(0.710)	ND(1.40)	NS	ND(0.770)
2,3,4,6-Tetrachlorophenol	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
2,4,5-Trichlorophenol	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
2,4,6-Trichlorophenol	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
2,4-Dichlorophenol	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
2,4-Dimethylphenol	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
2,4-Dinitrophenol	ND(1.80)	NS	ND(1.80)	ND(7.20)	NS	ND(1.90)
2,4-Dinitrotoluene	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
2,6-Dichlorophenol	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
2,6-Dinitrotoluene	ND(0.360)	NS	ND(0.35) J	ND(1.40)	NS	ND(0.380)
2-Acetylaminofluorene	ND(0.730)	NS	ND(0.710)	ND(1.40)	NS	ND(0.770)
2-Chloronaphthalene	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
2-Chlorophenol	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
2-Methylnaphthalene	ND(0.360)	NS	ND(0.350)	1.30 J	NS	190
2-Methylphenol	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
2-Naphthylamine	ND(0.730)	NS	ND(0.710)	ND(1.40)	NS	ND(0.770)
2-Nitroaniline	ND(1.80)	NS	ND(1.80)	ND(7.20)	NS	ND(1.9) J
2-Nitrophenol	ND(0.730)	NS	ND(0.710)	ND(1.40)	NS	ND(0.770)
2-Picoline	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
3&4-Methylphenol	ND(0.730)	NS	0.200 J	ND(1.40)	NS	ND(0.770)
3,3'-Dichlorobenzidine	ND(0.730)	NS	ND(0.710)	ND(2.90)	NS	ND(0.770)
3,3'-Dimethylbenzidine	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
3-Methylcholanthrene	ND(0.730)	NS	ND(0.710)	ND(1.40)	NS	ND(0.770)
3-Nitroaniline	ND(1.80)	NS	ND(1.80)	ND(7.20)	NS	ND(1.90)
4,6-Dinitro-2-methylphenol	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
4-Aminobiphenyl	ND(0.730)	NS	ND(0.710)	ND(1.40)	NS	ND(0.770)
4-Bromophenyl-phenylether	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
4-Chloro-3-Methylphenol	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
4-Chloroaniline	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
4-Chlorobenzilate	ND(0.730)	NS	ND(0.710)	ND(1.40)	NS	ND(0.770)
4-Chlorophenyl-phenylether	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
4-Nitroaniline	ND(1.8) J	NS	ND(1.80)	ND(2.10)	NS	ND(1.90)
4-Nitrophenol	ND(1.80)	NS	ND(1.80)	ND(7.20)	NS	ND(1.90)
4-Nitroquinoline-1-oxide	ND(0.730)	NS	ND(0.710)	ND(1.40)	NS	ND(0.770)
4-Phenylenediamine	ND(0.73) J	NS	ND(0.71) J	ND(1.4) J	NS	ND(0.77) J
5-Nitro-o-toluidine	ND(0.730)	NS	ND(0.710)	ND(1.40)	NS	ND(0.770)
7,12-Dimethylbenz(a)anthracene	ND(0.730)	NS	ND(0.710)	ND(1.40)	NS	ND(0.770)
a,a'-Dimethylphenethylamine	ND(0.730)	NS	ND(0.710)	ND(1.40)	NS	ND(0.770)
Acenaphthene	ND(0.360)	NS	ND(0.350)	9.10	NS	110
Acenaphthylene	ND(0.360)	NS	ND(0.350)	0.880 J	NS	12.0
Acetophenone	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
Aniline	ND(0.360)	NS	0.500	ND(1.40)	NS	ND(0.380)
Anthracene	ND(0.360)	NS	0.100 J	10.0	NS	61.0
Aramite	ND(0.730)	NS	ND(0.710)	ND(1.40)	NS	ND(0.770)
Benzidine	ND(0.73) J	NS	ND(0.71)	ND(1.4) J	NS	ND(0.77)
Benzo(a)anthracene	ND(0.360)	NS	0.220 J	7.20	NS	53.0
Benzo(a)pyrene	ND(0.360)	NS	0.400	5.40	NS	42.0
Benzo(b)fluoranthene	ND(0.360)	NS	0.350 J	2.70	NS	21.0
Benzo(g,h,i)perylene	ND(0.360)	NS	0.390	2.80	NS	24.0
Benzo(k)fluoranthene	ND(0.360)	NS	0.260 J	2.90	NS	27.0
Benzyl Alcohol	ND(0.730)	NS	ND(0.710)	ND(2.90)	NS	ND(0.770)
bis(2-Chloroethoxy)methane	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
bis(2-Chloroethyl)ether	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
bis(2-Chloroisopropyl)ether	ND(0.360)	NS	ND(0.350)	ND(2.9) J	NS	ND(0.380)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	Averaging Area:	4B	4B	4B	4B	4B	4B
	Sample ID:	RAA4-E17	RAA4-E17	RAA4-E23	RAA4-E27	RAA4-E27	RAA4-E29
	Sample Depth(Feet):	0-1	1-6	0-1	6-15	13-15	0-1
Parameter	Date Collected:	06/07/02	06/07/02	04/24/02	06/04/02	06/04/02	05/21/02
Semivolatile Organics (continued)							
bis(2-Ethylhexyl)phthalate		ND(0.360)	NS	ND(0.350)	ND(0.720)	NS	ND(0.380)
Butylbenzylphthalate		ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
Chrysene		ND(0.360)	NS	0.240 J	6.40	NS	47.0
Diallate		ND(0.730)	NS	ND(0.710)	ND(1.40)	NS	ND(0.770)
Dibenzo(a,h)anthracene		ND(0.360)	NS	ND(0.350)	0.940 J	NS	11.0
Dibenzofuran		ND(0.360)	NS	ND(0.350)	0.700 J	NS	ND(0.380)
Diethylphthalate		ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
Dimethylphthalate		ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
Di-n-Butylphthalate		ND(0.360)	NS	0.400	ND(1.40)	NS	ND(0.380)
Di-n-Octylphthalate		ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
Diphenylamine		ND(0.36)	NS	ND(0.35)	ND(1.4)	NS	ND(0.38)
Ethyl Methanesulfonate		ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
Fluoranthene		ND(0.360)	NS	0.480	9.90	NS	66.0
Fluorene		ND(0.360)	NS	ND(0.350)	7.20	NS	65.0
Hexachlorobenzene		ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
Hexachlorobutadiene		ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
Hexachlorocyclopentadiene		ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
Hexachloroethane		ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.38) J
Hexachlorophene		ND(0.73)	NS	ND(0.71)	ND(2.9)	NS	ND(0.77)
Hexachloropropene		ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
Indeno(1,2,3-cd)pyrene		ND(0.360)	NS	0.360	2.30	NS	21.0
Isodrin		ND(0.36)	NS	ND(0.35)	ND(1.4)	NS	ND(0.38)
Isophorone		ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
Isosafrole		ND(0.730)	NS	ND(0.710)	ND(1.40)	NS	ND(0.770)
Methapyrilene		ND(0.730)	NS	ND(0.710)	ND(1.40)	NS	ND(0.770)
Methyl Methanesulfonate		ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
Naphthalene		ND(0.360)	NS	ND(0.350)	2.50	NS	410
Nitrobenzene		ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
N-Nitrosodiethylamine		ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
N-Nitrosodimethylamine		ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
N-Nitroso-di-n-butylamine		ND(0.730)	NS	ND(0.710)	ND(1.40)	NS	ND(0.770)
N-Nitroso-di-n-propylamine		ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
N-Nitrosodiphenylamine		ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
N-Nitrosomethylethylamine		ND(0.730)	NS	ND(0.710)	ND(1.40)	NS	ND(0.770)
N-Nitrosomorpholine		ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
N-Nitrosopiperidine		ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
N-Nitrosopyrrolidine		ND(0.730)	NS	ND(0.710)	ND(1.40)	NS	ND(0.770)
o,o,o-Triethylphosphorothioate		ND(0.36)	NS	ND(0.35)	ND(1.4)	NS	ND(0.38)
o-Toluidine		ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
p-Dimethylaminoazobenzene		ND(0.730)	NS	ND(0.710)	ND(1.40)	NS	ND(0.770)
Pentachlorobenzene		ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
Pentachloroethane		ND(0.36)	NS	ND(0.35)	ND(1.4)	NS	ND(0.38)
Pentachloronitrobenzene		ND(0.730)	NS	ND(0.710)	ND(1.40)	NS	ND(0.770)
Pentachlorophenol		ND(1.80)	NS	ND(1.80)	ND(7.20)	NS	ND(1.90)
Phenacetin		ND(0.730)	NS	ND(0.710)	ND(1.40)	NS	ND(0.770)
Phenanthrene		ND(0.360)	NS	0.380	38.0	NS	190
Phenol		ND(0.360)	NS	0.260 J	ND(1.40)	NS	ND(0.380)
Pronamide		ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
Pyrene		ND(0.360)	NS	0.500	35.0	NS	120
Pyridine		ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
Safrole		ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
Thionazin		ND(0.36)	NS	ND(0.35)	ND(1.4)	NS	ND(0.38)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-E17 0-1 06/07/02	4B RAA4-E17 1-6 06/07/02	4B RAA4-E23 0-1 04/24/02	4B RAA4-E27 6-15 06/04/02	4B RAA4-E27 13-15 06/04/02	4B RAA4-E29 0-1 05/21/02
Furans							
2,3,7,8-TCDF		ND(0.00000015)	ND(0.00000011)	0.000018 Y	NS	NS	0.000068
TCDFs (total)		ND(0.00000014)	ND(0.00000011)	0.00020	NS	NS	0.00048 Q
1,2,3,7,8-PeCDF		ND(0.00000027)	ND(0.00000027)	0.0000071	NS	NS	0.000040
2,3,4,7,8-PeCDF		ND(0.00000027)	ND(0.00000027)	0.000012	NS	NS	0.00012
PeCDFs (total)		ND(0.00000034)	ND(0.00000027)	0.00048	NS	NS	0.00088 Q
1,2,3,4,7,8-HxCDF		ND(0.00000027)	ND(0.00000027)	0.000038	NS	NS	0.00018
1,2,3,6,7,8-HxCDF		ND(0.00000027)	ND(0.00000027)	0.000016	NS	NS	0.000059
1,2,3,7,8,9-HxCDF		ND(0.00000027)	ND(0.00000027)	ND(0.00012) X	NS	NS	0.000041
2,3,4,6,7,8-HxCDF		ND(0.00000027)	ND(0.00000027)	0.000026	NS	NS	0.000081
HxCDFs (total)		ND(0.00000027)	0.00000015	0.00094	NS	NS	0.0011
1,2,3,4,6,7,8-HpCDF		0.00000012 J	ND(0.00000014) X	0.000063	NS	NS	0.00018
1,2,3,4,7,8,9-HpCDF		ND(0.00000027)	ND(0.00000027)	ND(0.000011) X	NS	NS	0.000073
HpCDFs (total)		0.00000025	ND(0.00000027)	0.00013	NS	NS	0.00044
OCDF		ND(0.00000055)	ND(0.00000054)	ND(0.000045) X	NS	NS	0.00030
Dioxins							
2,3,7,8-TCDD		ND(0.00000011)	ND(0.00000011)	ND(0.00000047)	NS	NS	ND(0.00000080)
TCDDs (total)		ND(0.00000017)	ND(0.00000019)	0.0000057	NS	NS	0.000016
1,2,3,7,8-PeCDD		ND(0.00000027)	ND(0.00000027)	0.0000045 J	NS	NS	ND(0.00000081) X
PeCDDs (total)		ND(0.00000027)	ND(0.00000027)	0.000016	NS	NS	0.000040 Q
1,2,3,4,7,8-HxCDD		ND(0.00000027)	ND(0.00000027)	0.0000048 J	NS	NS	0.0000077 J
1,2,3,6,7,8-HxCDD		ND(0.00000027)	ND(0.00000027)	0.0000080	NS	NS	0.0000099 J
1,2,3,7,8,9-HxCDD		ND(0.00000027)	ND(0.00000027)	0.0000062	NS	NS	0.0000073 J
HxCDDs (total)		ND(0.00000033)	ND(0.00000035)	0.000040	NS	NS	0.00012
1,2,3,4,6,7,8-HpCDD		0.00000028 J	0.00000039 J	0.000045	NS	NS	0.000062
HpCDDs (total)		0.00000049	0.00000039	0.00011	NS	NS	0.00012
OCDD		ND(0.0000024)	0.0000025 J	0.00013	NS	NS	0.00023
Total TEQs (WHO TEFs)		0.00000037	0.00000037	0.000030	NS	NS	0.00011
Inorganics							
Antimony		ND(6.00)	NS	ND(6.00)	NS	NS	ND(6.00)
Arsenic		4.80	NS	2.40	NS	NS	6.80
Barium		21.0	NS	ND(20.0)	NS	NS	36.0
Beryllium		ND(0.500)	NS	0.140 B	NS	NS	ND(0.500)
Cadmium		ND(0.500)	NS	ND(0.500)	NS	NS	0.570
Chromium		8.20	NS	3.80	NS	NS	14.0
Cobalt		7.40	NS	ND(5.00)	NS	NS	5.40
Copper		26.0	NS	39.0	NS	NS	77.0
Cyanide		ND(0.110)	NS	0.100	NS	NS	3.40
Lead		11.0 J	NS	57.0 J	NS	NS	140 J
Mercury		ND(0.110)	NS	0.150	NS	NS	0.880
Nickel		12.0	NS	7.80	NS	NS	12.0
Selenium		ND(1.00)	NS	ND(1.00) J	NS	NS	0.790 J
Silver		ND(1.00)	NS	ND(1.00)	NS	NS	0.360 B
Sulfide		17.0	NS	24.0	NS	NS	24.0
Thallium		ND(1.10)	NS	ND(1.00) J	NS	NS	ND(1.70)
Tin		ND(3.40)	NS	ND(10.0)	NS	NS	14.0
Vanadium		8.00	NS	5.00	NS	NS	11.0
Zinc		44.0	NS	35.0	NS	NS	97.0 J

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Averaging Area:	4B	4B	4B	4B	4B	4B
Sample ID:	RAA4-E29	RAA4-E31	RAA4-E31	RAA4-E31	RAA4-E31	RAA4-E35
Sample Depth(Feet):	1-5	0-1	1-5	4-6	6-15	0-1
Parameter Date Collected:	05/21/02	04/24/02	04/24/02	04/24/02	04/24/02	05/17/02
Volatile Organics						
1,1,1,2-Tetrachloroethane	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
1,1,1-Trichloroethane	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
1,1,2,2-Tetrachloroethane	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
1,1,2-Trichloroethane	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
1,1-Dichloroethane	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
1,1-Dichloroethene	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
1,2,3-Trichloropropane	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
1,2-Dibromo-3-chloropropane	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
1,2-Dibromoethane	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
1,2-Dichloroethane	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
1,2-Dichloropropane	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
1,4-Dioxane	NS	ND(0.11) J	NS	ND(0.28) J	NS	ND(0.15) J
2-Butanone	NS	ND(0.011)	NS	ND(0.028)	NS	ND(0.015)
2-Chloro-1,3-butadiene	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
2-Chloroethylvinylether	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
2-Hexanone	NS	ND(0.011)	NS	ND(0.057)	NS	ND(0.015) J
3-Chloropropene	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
4-Methyl-2-pentanone	NS	ND(0.011)	NS	ND(0.057)	NS	ND(0.015)
Acetone	NS	ND(0.022)	NS	0.084	NS	ND(0.029)
Acetonitrile	NS	ND(0.11)	NS	ND(0.57)	NS	ND(0.15)
Acrolein	NS	ND(0.11) J	NS	ND(0.57) J	NS	ND(0.15) J
Acrylonitrile	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
Benzene	NS	ND(0.00560)	NS	0.170	NS	ND(0.00730)
Bromodichloromethane	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
Bromoform	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073) J
Bromomethane	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
Carbon Disulfide	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
Carbon Tetrachloride	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
Chlorobenzene	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
Chloroethane	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073) J
Chloroform	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
Chloromethane	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073) J
cis-1,3-Dichloropropene	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
Dibromochloromethane	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
Dibromomethane	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
Dichlorodifluoromethane	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
Ethyl Methacrylate	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
Ethylbenzene	NS	ND(0.00560)	NS	8.30	NS	ND(0.00730)
Iodomethane	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
Isobutanol	NS	ND(0.11)	NS	ND(0.57)	NS	ND(0.15) J
Methacrylonitrile	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
Methyl Methacrylate	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
Methylene Chloride	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
Propionitrile	NS	ND(0.011)	NS	ND(0.028)	NS	ND(0.015)
Styrene	NS	ND(0.00560)	NS	ND(0.0280)	NS	ND(0.00730)
Tetrachloroethene	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
Toluene	NS	ND(0.00560)	NS	0.180	NS	ND(0.00730)
trans-1,2-Dichloroethene	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
trans-1,3-Dichloropropene	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
trans-1,4-Dichloro-2-butene	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
Trichloroethene	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
Trichlorofluoromethane	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
Vinyl Acetate	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
Vinyl Chloride	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
Xylenes (total)	NS	ND(0.0056)	NS	8.6	NS	ND(0.0073)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-E29 1-6 05/21/02	4B RAA4-E31 0-1 04/24/02	4B RAA4-E31 1-6 04/24/02	4B RAA4-E31 4-6 04/24/02	4B RAA4-E31 6-15 04/24/02	4B RAA4-E35 0-1 05/17/02
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
1,2,4-Trichlorobenzene		NS	ND(0.370)	ND(0.380)	NS	NS	0.110 J
1,2-Dichlorobenzene		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
1,2-Diphenylhydrazine		NS	ND(0.37)	ND(0.38)	NS	NS	ND(0.49)
1,3,5-Trinitrobenzene		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
1,3-Dichlorobenzene		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
1,3-Dinitrobenzene		NS	ND(0.750)	ND(0.760)	NS	NS	ND(0.980)
1,4-Dichlorobenzene		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
1,4-Naphthoquinone		NS	ND(0.750)	ND(0.760)	NS	NS	ND(0.980)
1-Naphthylamine		NS	ND(0.750)	ND(0.760)	NS	NS	ND(0.980)
2,3,4,6-Tetrachlorophenol		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
2,4,5-Trichlorophenol		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
2,4,6-Trichlorophenol		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
2,4-Dichlorophenol		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
2,4-Dimethylphenol		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
2,4-Dinitrophenol		NS	ND(1.90)	ND(1.90)	NS	NS	ND(2.50)
2,4-Dinitrotoluene		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
2,6-Dichlorophenol		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
2,6-Dinitrotoluene		NS	ND(0.37) J	ND(0.38) J	NS	NS	ND(0.490)
2-Acetylaminofluorene		NS	ND(0.750)	ND(0.760)	NS	NS	ND(0.980)
2-Chloronaphthalene		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
2-Chlorophenol		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
2-Methylnaphthalene		NS	0.310 J	26.0	NS	NS	0.220 J
2-Methylphenol		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
2-Naphthylamine		NS	ND(0.750)	ND(0.760)	NS	NS	ND(0.980)
2-Nitroaniline		NS	ND(1.90)	ND(1.90)	NS	NS	ND(2.50)
2-Nitrophenol		NS	ND(0.750)	ND(0.760)	NS	NS	ND(0.980)
2-Picoline		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
3&4-Methylphenol		NS	ND(0.750)	ND(0.760)	NS	NS	ND(0.980)
3,3'-Dichlorobenzidine		NS	ND(0.750)	ND(0.760)	NS	NS	ND(0.98) J
3,3'-Dimethylbenzidine		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
3-Methylcholanthrene		NS	ND(0.750)	ND(0.760)	NS	NS	ND(0.980)
3-Nitroaniline		NS	ND(1.90)	ND(1.90)	NS	NS	ND(2.50)
4,6-Dinitro-2-methylphenol		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
4-Aminobiphenyl		NS	ND(0.750)	ND(0.760)	NS	NS	ND(0.980)
4-Bromophenyl-phenylether		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
4-Chloro-3-Methylphenol		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
4-Chloroaniline		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
4-Chlorobenzilate		NS	ND(0.750)	ND(0.760)	NS	NS	ND(0.980)
4-Chlorophenyl-phenylether		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
4-Nitroaniline		NS	ND(1.90)	ND(1.90)	NS	NS	ND(2.50)
4-Nitrophenol		NS	ND(1.90)	ND(1.90)	NS	NS	ND(2.50)
4-Nitroquinoline-1-oxide		NS	ND(0.750)	ND(0.760)	NS	NS	ND(0.980)
4-Phenylenediamine		NS	ND(0.75) J	ND(0.76) J	NS	NS	ND(0.98) J
5-Nitro-o-toluidine		NS	ND(0.750)	ND(0.760)	NS	NS	ND(0.980)
7,12-Dimethylbenz(a)anthracene		NS	ND(0.750)	ND(0.760)	NS	NS	ND(0.980)
a,a'-Dimethylphenethylamine		NS	ND(0.750)	ND(0.760)	NS	NS	ND(0.980)
Acenaphthene		NS	ND(0.370)	13.0	NS	NS	0.170 J
Acenaphthylene		NS	1.10	7.20	NS	NS	1.10
Acetophenone		NS	0.180 J	ND(0.380)	NS	NS	ND(0.490)
Aniline		NS	0.130 J	ND(0.380)	NS	NS	0.780
Anthracene		NS	0.480	8.90	NS	NS	0.920
Aramite		NS	ND(0.750)	ND(0.760)	NS	NS	ND(0.980)
Benzidine		NS	ND(0.75)	ND(0.76)	NS	NS	ND(0.98) J
Benzo(a)anthracene		NS	2.00	12.0	NS	NS	2.00
Benzo(a)pyrene		NS	2.60	19.0	NS	NS	2.10
Benzo(b)fluoranthene		NS	1.80	5.60	NS	NS	2.10
Benzo(g,h,i)perylene		NS	2.60	7.30	NS	NS	2.10
Benzo(k)fluoranthene		NS	1.80	5.60	NS	NS	1.50
Benzyl Alcohol		NS	ND(0.750)	ND(0.760)	NS	NS	ND(0.98) J
bis(2-Chloroethoxy)methane		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
bis(2-Chloroethyl)ether		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
bis(2-Chloroisopropyl)ether		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-E29 1-6 05/21/02	4B RAA4-E31 0-1 04/24/02	4B RAA4-E31 1-6 04/24/02	4B RAA4-E31 4-6 04/24/02	4B RAA4-E31 6-15 04/24/02	4B RAA4-E35 0-1 05/17/02
Semivolatile Organics (continued)							
bis(2-Ethylhexyl)phthalate		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.480)
Butylbenzylphthalate		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
Chrysene		NS	1.90	12.0	NS	NS	2.00
Diallate		NS	ND(0.750)	ND(0.760)	NS	NS	ND(0.980)
Dibenzo(a,h)anthracene		NS	0.750	2.50	NS	NS	0.420 J
Dibenzofuran		NS	ND(0.370)	0.750	NS	NS	0.150 J
Diethylphthalate		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
Dimethylphthalate		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
Di-n-Butylphthalate		NS	0.150 J	ND(0.380)	NS	NS	0.680
Di-n-Octylphthalate		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
Diphenylamine		NS	ND(0.37)	ND(0.38)	NS	NS	ND(0.49)
Ethyl Methanesulfonate		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
Fluoranthene		NS	2.00	18.0	NS	NS	3.50
Fluorene		NS	0.240 J	7.60	NS	NS	0.290 J
Hexachlorobenzene		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
Hexachlorobutadiene		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
Hexachlorocyclopentadiene		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
Hexachloroethane		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
Hexachlorophene		NS	ND(0.75)	ND(0.76)	NS	NS	ND(0.98)
Hexachloropropene		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
Indeno(1,2,3-cd)pyrene		NS	2.20	6.30	NS	NS	1.80
Isodrin		NS	ND(0.37)	ND(0.38)	NS	NS	ND(0.49)
Isophorone		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
Isosafrole		NS	ND(0.750)	ND(0.760)	NS	NS	ND(0.980)
Methapyrilene		NS	ND(0.750)	ND(0.760)	NS	NS	ND(0.980)
Methyl Methanesulfonate		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
Naphthalene		NS	0.560	51.0	NS	NS	0.510
Nitrobenzene		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
N-Nitrosodiethylamine		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
N-Nitrosodimethylamine		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
N-Nitroso-di-n-butylamine		NS	ND(0.750)	ND(0.760)	NS	NS	ND(0.980)
N-Nitroso-di-n-propylamine		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
N-Nitrosodiphenylamine		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
N-Nitrosomethylethylamine		NS	ND(0.750)	ND(0.760)	NS	NS	ND(0.980)
N-Nitrosomorpholine		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
N-Nitrosopiperidine		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
N-Nitrosopyrrolidine		NS	ND(0.750)	ND(0.760)	NS	NS	ND(0.980)
o,o,o-Triethylphosphorothioate		NS	ND(0.37)	ND(0.38)	NS	NS	ND(0.49)
o-Toluidine		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
p-Dimethylaminoazobenzene		NS	ND(0.750)	ND(0.760)	NS	NS	ND(0.980)
Pentachlorobenzene		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
Pentachloroethane		NS	ND(0.37)	ND(0.38)	NS	NS	ND(0.49)
Pentachloronitrobenzene		NS	ND(0.750)	ND(0.760)	NS	NS	ND(0.980)
Pentachlorophenol		NS	ND(1.90)	ND(1.90)	NS	NS	ND(2.50)
Phenacetin		NS	ND(0.750)	ND(0.760)	NS	NS	ND(0.980)
Phenanthrene		NS	1.50	26.0	NS	NS	2.50
Phenol		NS	0.110 J	ND(0.380)	NS	NS	0.510
Pronamide		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
Pyrene		NS	3.80	57.0	NS	NS	3.40
Pyridine		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
Safrole		NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
Thionazin		NS	ND(0.37)	ND(0.38)	NS	NS	ND(0.49)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:					
	4B / RAA4-E29 / 1-6 / 05/21/02	4B / RAA4-E31 / 0-1 / 04/24/02	4B / RAA4-E31 / 1-6 / 04/24/02	4B / RAA4-E31 / 4-6 / 04/24/02	4B / RAA4-E31 / 6-15 / 04/24/02	4B / RAA4-E35 / 0-1 / 05/17/02
Furans						
2,3,7,8-TCDF	0.00029	0.000064 Y	0.000027 Y	NS	0.000021 Y	0.0037
TCDFs (total)	0.0028 Q	0.00055	0.00025	NS	0.00026	0.018 I
1,2,3,7,8-PeCDF	0.00011	0.000023	0.0000052	NS	0.0000073 J	0.0026
2,3,4,7,8-PeCDF	0.00027	0.000021	0.0000079	NS	ND(0.0000085) XJ	0.0042
PeCDFs (total)	0.0031 Q	0.00047	0.00012	NS	0.000089 QJ	0.028 I
1,2,3,4,7,8-HxCDF	0.00034	0.000038	0.000017	NS	ND(0.0000071)	0.0018
1,2,3,6,7,8-HxCDF	0.00012	0.000019	0.0000060	NS	ND(0.000045) X	0.0012
1,2,3,7,8,9-HxCDF	0.000060	ND(0.0000087) X	0.0000058 B	NS	ND(0.0000088)	0.00041
2,3,4,6,7,8-HxCDF	0.00020	0.000021	0.0000074	NS	ND(0.0000069) J	0.0019
HxCDFs (total)	0.0030	0.00041	0.00016	NS	0.000051 J	0.018
1,2,3,4,6,7,8-HpCDF	0.00051	0.000048	0.000026	NS	ND(0.000047) X	0.0016
1,2,3,4,7,8,9-HpCDF	0.00018	0.0000060	ND(0.0000016)	NS	ND(0.000013) J	0.00026
HpCDFs (total)	0.0013	0.00010	0.000047	NS	0.000072 J	0.0034
OCDF	0.00076	0.000040	0.000034	NS	ND(0.000083) X	0.00046
Dioxins						
2,3,7,8-TCDD	0.000012	ND(0.00000053) X	ND(0.00000040)	NS	ND(0.0000030)	0.000021
TCDDs (total)	0.000089	0.000022	0.0000056	NS	0.0000048	0.000097
1,2,3,7,8-PeCDD	ND(0.000025) X	ND(0.0000023) X	ND(0.00000060)	NS	ND(0.0000033) X	0.000039 J
PeCDDs (total)	0.00016	0.0000096	ND(0.0000017) X	NS	0.000089 Q	0.00019
1,2,3,4,7,8-HxCDD	0.000022 J	0.0000021 JB	ND(0.0000011)	NS	ND(0.000010)	0.000024 J
1,2,3,6,7,8-HxCDD	0.000037 J	0.0000049 J	ND(0.0000012)	NS	ND(0.000011)	0.000032 J
1,2,3,7,8,9-HxCDD	0.000030 J	0.0000050 J	0.0000024 JB	NS	ND(0.000011)	0.000014 J
HxCDDs (total)	0.00048	0.000081	0.000015	NS	ND(0.000036) X	0.00023
1,2,3,4,6,7,8-HpCDD	0.00023	0.000051	0.000018	NS	0.000019	0.00025
HpCDDs (total)	0.00046	0.00010	0.000036	NS	0.000044	0.00049
OCDD	0.00092	0.00013	0.000057	NS	ND(0.000087) XJ	0.0016
Total TEQs (WHO TEFs)	0.00028	0.000030	0.000012	NS	0.000013	0.0032
Inorganics						
Antimony	NS	ND(6.00)	ND(6.00)	NS	NS	1.50 B
Arsenic	NS	11.0	6.10	NS	NS	6.90
Barium	NS	33.0	26.0	NS	NS	42.0
Beryllium	NS	ND(0.500)	ND(0.500)	NS	NS	ND(0.500)
Cadmium	NS	0.620	ND(0.500)	NS	NS	ND(0.500)
Chromium	NS	7.90	8.20	NS	NS	14.0
Cobalt	NS	5.30	6.80	NS	NS	8.50
Copper	NS	46.0	15.0	NS	NS	80.0
Cyanide	NS	1.60	1.00	NS	NS	4.80
Lead	NS	74.0 J	16.0 J	NS	NS	72.0
Mercury	NS	0.250	ND(0.110)	NS	NS	1.10
Nickel	NS	11.0	12.0	NS	NS	18.0
Selenium	NS	0.510 J	ND(1.00) J	NS	NS	ND(1.10)
Silver	NS	ND(1.00)	ND(1.00)	NS	NS	ND(1.10)
Sulfide	NS	23.0	68.0	NS	NS	42.0
Thallium	NS	ND(1.10) J	ND(1.10) J	NS	NS	ND(1.50) J
Tin	NS	ND(10.0)	ND(4.00)	NS	NS	33.0
Vanadium	NS	11.0	8.50	NS	NS	15.0
Zinc	NS	51.0	53.0	NS	NS	95.0

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-E35 6-15 05/17/02	4B RAA4-E35 10-12 05/17/02	4B RAA4-E36 0-1 04/23/02	4B RAA4-F19 0-1 06/18/02	4B RAA4-F19 1-5 06/18/02
Volatile Organics						
1,1,1,2-Tetrachloroethane		NS	ND(0.0073)	ND(0.0055)	NS	NS
1,1,1-Trichloroethane		NS	ND(0.0073)	ND(0.0055)	NS	NS
1,1,2,2-Tetrachloroethane		NS	ND(0.0073)	ND(0.0055)	NS	NS
1,1,2-Trichloroethane		NS	ND(0.0073)	ND(0.0055)	NS	NS
1,1-Dichloroethane		NS	ND(0.0073)	ND(0.0055)	NS	NS
1,1-Dichloroethene		NS	ND(0.0073)	ND(0.0055)	NS	NS
1,2,3-Trichloropropane		NS	ND(0.0073)	ND(0.0055)	NS	NS
1,2-Dibromo-3-chloropropane		NS	ND(0.0073)	ND(0.0055)	NS	NS
1,2-Dibromoethane		NS	ND(0.0073)	ND(0.0055)	NS	NS
1,2-Dichloroethane		NS	ND(0.0073)	ND(0.0055)	NS	NS
1,2-Dichloropropane		NS	ND(0.0073)	ND(0.0055)	NS	NS
1,4-Dioxane		NS	ND(0.14) J	ND(0.11) J	NS	NS
2-Butanone		NS	ND(0.014)	ND(0.011)	NS	NS
2-Chloro-1,3-butadiene		NS	ND(0.0073)	ND(0.0055)	NS	NS
2-Chloroethylvinylether		NS	ND(0.0073)	ND(0.0055)	NS	NS
2-Hexanone		NS	ND(0.014) J	ND(0.011) J	NS	NS
3-Chloropropene		NS	ND(0.0073)	ND(0.0055)	NS	NS
4-Methyl-2-pentanone		NS	ND(0.014)	ND(0.011)	NS	NS
Acetone		NS	ND(0.029)	ND(0.022)	NS	NS
Acetonitrile		NS	ND(0.14)	ND(0.11) J	NS	NS
Acrolein		NS	ND(0.14) J	ND(0.11) J	NS	NS
Acrylonitrile		NS	ND(0.0073)	ND(0.0055)	NS	NS
Benzene		NS	ND(0.00730)	ND(0.00550)	NS	NS
Bromodichloromethane		NS	ND(0.0073)	ND(0.0055)	NS	NS
Bromoform		NS	ND(0.0073) J	ND(0.0055)	NS	NS
Bromomethane		NS	ND(0.0073)	ND(0.0055)	NS	NS
Carbon Disulfide		NS	ND(0.0073)	ND(0.0055)	NS	NS
Carbon Tetrachloride		NS	ND(0.0073)	ND(0.0055)	NS	NS
Chlorobenzene		NS	0.0075	ND(0.0055)	NS	NS
Chloroethane		NS	ND(0.0073) J	ND(0.0055)	NS	NS
Chloroform		NS	ND(0.0073)	ND(0.0055)	NS	NS
Chloromethane		NS	ND(0.0073) J	ND(0.0055)	NS	NS
cis-1,3-Dichloropropene		NS	ND(0.0073)	ND(0.0055)	NS	NS
Dibromochloromethane		NS	ND(0.0073)	ND(0.0055)	NS	NS
Dibromomethane		NS	ND(0.0073)	ND(0.0055)	NS	NS
Dichlorodifluoromethane		NS	ND(0.0073)	ND(0.0055)	NS	NS
Ethyl Methacrylate		NS	ND(0.0073)	ND(0.0055)	NS	NS
Ethylbenzene		NS	ND(0.00730)	ND(0.00550)	NS	NS
Iodomethane		NS	ND(0.0073)	ND(0.0055)	NS	NS
Isobutanol		NS	ND(0.14) J	ND(0.11) J	NS	NS
Methacrylonitrile		NS	ND(0.0073)	ND(0.0055)	NS	NS
Methyl Methacrylate		NS	ND(0.0073)	ND(0.0055)	NS	NS
Methylene Chloride		NS	ND(0.0073)	ND(0.0055)	NS	NS
Propionitrile		NS	ND(0.014)	ND(0.011)	NS	NS
Styrene		NS	ND(0.00730)	ND(0.00550)	NS	NS
Tetrachloroethene		NS	ND(0.0073)	ND(0.0055)	NS	NS
Toluene		NS	ND(0.00730)	ND(0.00550)	NS	NS
trans-1,2-Dichloroethene		NS	ND(0.0073)	ND(0.0055)	NS	NS
trans-1,3-Dichloropropene		NS	ND(0.0073)	ND(0.0055)	NS	NS
trans-1,4-Dichloro-2-butene		NS	ND(0.0073)	ND(0.0055)	NS	NS
Trichloroethene		NS	ND(0.0073)	ND(0.0055)	NS	NS
Trichlorofluoromethane		NS	ND(0.0073)	ND(0.0055)	NS	NS
Vinyl Acetate		NS	ND(0.0073)	ND(0.0055) J	NS	NS
Vinyl Chloride		NS	ND(0.0073)	ND(0.0055)	NS	NS
Xylenes (total)		NS	ND(0.0073)	ND(0.0055)	NS	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B / RAA4-E35 / 6-15 / 05/17/02	4B / RAA4-E35 / 10-12 / 05/17/02	4B / RAA4-E36 / 0-1 / 04/23/02	4B / RAA4-F19 / 0-1 / 06/18/02	4B / RAA4-F19 / 1-6 / 06/18/02
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		ND(0.480)	NS	ND(0.480)	NS	NS
1,2,4-Trichlorobenzene		ND(0.480)	NS	ND(0.480)	NS	NS
1,2-Dichlorobenzene		ND(0.480)	NS	ND(0.480)	NS	NS
1,2-Diphenylhydrazine		ND(0.48)	NS	ND(0.48)	NS	NS
1,3,5-Trinitrobenzene		ND(0.480)	NS	ND(0.480)	NS	NS
1,3-Dichlorobenzene		ND(0.480)	NS	ND(0.480)	NS	NS
1,3-Dinitrobenzene		ND(0.970)	NS	ND(0.740)	NS	NS
1,4-Dichlorobenzene		0.120 J	NS	ND(0.480)	NS	NS
1,4-Naphthoquinone		ND(0.970)	NS	ND(0.740)	NS	NS
1-Naphthylamine		ND(0.970)	NS	ND(0.740)	NS	NS
2,3,4,6-Tetrachlorophenol		ND(0.480)	NS	ND(0.480)	NS	NS
2,4,5-Trichlorophenol		ND(0.480)	NS	ND(0.480)	NS	NS
2,4,6-Trichlorophenol		ND(0.480)	NS	ND(0.480)	NS	NS
2,4-Dichlorophenol		ND(0.480)	NS	ND(0.480)	NS	NS
2,4-Dimethylphenol		ND(0.480)	NS	ND(0.480)	NS	NS
2,4-Dinitrophenol		ND(2.50)	NS	ND(2.40)	NS	NS
2,4-Dinitrotoluene		ND(0.480)	NS	ND(0.480)	NS	NS
2,6-Dichlorophenol		ND(0.480)	NS	ND(0.480)	NS	NS
2,6-Dinitrotoluene		ND(0.480)	NS	ND(0.480)	NS	NS
2-Acetylaminofluorene		ND(0.970)	NS	ND(0.740)	NS	NS
2-Chloronaphthalene		ND(0.480)	NS	ND(0.480)	NS	NS
2-Chlorophenol		ND(0.480)	NS	ND(0.480)	NS	NS
2-Methylnaphthalene		ND(0.480)	NS	0.150 J	NS	NS
2-Methylphenol		ND(0.480)	NS	ND(0.480)	NS	NS
2-Naphthylamine		ND(0.970)	NS	ND(0.740)	NS	NS
2-Nitroaniline		ND(2.50)	NS	ND(2.40)	NS	NS
2-Nitrophenol		ND(0.970)	NS	ND(0.740)	NS	NS
2-Picoline		ND(0.480)	NS	ND(0.480)	NS	NS
3&4-Methylphenol		ND(0.970)	NS	ND(0.740)	NS	NS
3,3'-Dichlorobenzidine		ND(0.97) J	NS	ND(0.960)	NS	NS
3,3'-Dimethylbenzidine		ND(0.480)	NS	ND(0.480)	NS	NS
3-Methylcholanthrene		ND(0.970)	NS	ND(0.740)	NS	NS
3-Nitroaniline		ND(2.50)	NS	ND(2.40)	NS	NS
4,6-Dinitro-2-methylphenol		ND(0.480)	NS	ND(0.480)	NS	NS
4-Aminobiphenyl		ND(0.970)	NS	ND(0.740)	NS	NS
4-Bromophenyl-phenylether		ND(0.480)	NS	ND(0.480)	NS	NS
4-Chloro-3-Methylphenol		ND(0.480)	NS	ND(0.480)	NS	NS
4-Chloroaniline		ND(0.480)	NS	ND(0.480)	NS	NS
4-Chlorobenzilate		ND(0.970)	NS	ND(0.740)	NS	NS
4-Chlorophenyl-phenylether		ND(0.480)	NS	ND(0.480)	NS	NS
4-Nitroaniline		ND(2.50)	NS	ND(1.90)	NS	NS
4-Nitrophenol		ND(2.50)	NS	ND(2.40)	NS	NS
4-Nitroquinoline-1-oxide		ND(0.970)	NS	ND(0.740)	NS	NS
4-Phenylenediamine		ND(0.97) J	NS	ND(0.74) J	NS	NS
5-Nitro-o-toluidine		ND(0.970)	NS	ND(0.740)	NS	NS
7,12-Dimethylbenz(a)anthracene		ND(0.970)	NS	ND(0.740)	NS	NS
a,a'-Dimethylphenethylamine		ND(0.970)	NS	ND(0.740)	NS	NS
Acenaphthene		0.180 J	NS	ND(0.480)	NS	NS
Acenaphthylene		0.250 J	NS	0.690	NS	NS
Acetophenone		ND(0.480)	NS	0.210 J	NS	NS
Aniline		ND(0.480)	NS	0.700	NS	NS
Anthracene		ND(0.480)	NS	0.410 J	NS	NS
Aramite		ND(0.970)	NS	ND(0.740)	NS	NS
Benzidine		ND(0.97) J	NS	ND(0.96)	NS	NS
Benzo(a)anthracene		0.570	NS	1.60	NS	NS
Benzo(a)pyrene		0.640	NS	1.40	NS	NS
Benzo(b)fluoranthene		0.510	NS	1.40	NS	NS
Benzo(g,h,i)perylene		0.460 J	NS	1.50	NS	NS
Benzo(k)fluoranthene		0.440 J	NS	1.20	NS	NS
Benzyl Alcohol		ND(0.97) J	NS	ND(0.960)	NS	NS
bis(2-Chloroethoxy)methane		ND(0.480)	NS	ND(0.480)	NS	NS
bis(2-Chloroethyl)ether		ND(0.480)	NS	ND(0.480)	NS	NS
bis(2-Chloroisopropyl)ether		ND(0.480)	NS	ND(0.480)	NS	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-E35 6-15 05/17/02	4B RAA4-E35 10-12 05/17/02	4B RAA4-E36 0-1 04/23/02	4B RAA4-F19 0-1 06/18/02	4B RAA4-F19 1-6 06/18/02
Semivolatile Organics (continued)						
bis(2-Ethylhexyl)phthalate		ND(0.480)	NS	ND(0.360)	NS	NS
Butylbenzylphthalate		ND(0.480)	NS	ND(0.480)	NS	NS
Chrysene		0.620	NS	1.60	NS	NS
Diallate		ND(0.970)	NS	ND(0.740)	NS	NS
Dibenzo(a,h)anthracene		ND(0.480)	NS	0.430 J	NS	NS
Dibenzofuran		ND(0.480)	NS	ND(0.480)	NS	NS
Diethylphthalate		ND(0.480)	NS	ND(0.480)	NS	NS
Dimethylphthalate		ND(0.480)	NS	ND(0.480)	NS	NS
Di-n-Butylphthalate		ND(0.480)	NS	0.360 J	NS	NS
Di-n-Octylphthalate		ND(0.480)	NS	ND(0.480)	NS	NS
Diphenylamine		ND(0.48)	NS	ND(0.48)	NS	NS
Ethyl Methanesulfonate		ND(0.480)	NS	ND(0.480)	NS	NS
Fluoranthene		0.990	NS	2.50	NS	NS
Fluorene		0.150 J	NS	0.120 J	NS	NS
Hexachlorobenzene		ND(0.480)	NS	ND(0.480)	NS	NS
Hexachlorobutadiene		ND(0.480)	NS	ND(0.480)	NS	NS
Hexachlorocyclopentadiene		ND(0.480)	NS	ND(0.480)	NS	NS
Hexachloroethane		ND(0.480)	NS	ND(0.480)	NS	NS
Hexachlorophene		ND(0.97)	NS	ND(0.96)	NS	NS
Hexachloropropene		ND(0.480)	NS	ND(0.480)	NS	NS
Indeno(1,2,3-cd)pyrene		0.330 J	NS	1.20	NS	NS
Isodrin		ND(0.48)	NS	ND(0.48)	NS	NS
Isophorone		ND(0.480)	NS	ND(0.480)	NS	NS
Isosafrole		ND(0.970)	NS	ND(0.740)	NS	NS
Methapyrilene		ND(0.970)	NS	ND(0.740)	NS	NS
Methyl Methanesulfonate		ND(0.480)	NS	ND(0.480)	NS	NS
Naphthalene		0.110 J	NS	0.330 J	NS	NS
Nitrobenzene		ND(0.480)	NS	ND(0.480)	NS	NS
N-Nitrosodiethylamine		ND(0.480)	NS	ND(0.480)	NS	NS
N-Nitrosodimethylamine		ND(0.480)	NS	ND(0.480)	NS	NS
N-Nitroso-di-n-butylamine		ND(0.970)	NS	ND(0.740)	NS	NS
N-Nitroso-di-n-propylamine		ND(0.480)	NS	ND(0.480)	NS	NS
N-Nitrosodiphenylamine		ND(0.480)	NS	ND(0.480)	NS	NS
N-Nitrosomethylethylamine		ND(0.970)	NS	ND(0.740)	NS	NS
N-Nitrosomorpholine		ND(0.480)	NS	ND(0.480)	NS	NS
N-Nitrosopiperidine		ND(0.480)	NS	ND(0.480)	NS	NS
N-Nitrosopyrrolidine		ND(0.970)	NS	ND(0.740)	NS	NS
o,o,o-Triethylphosphorothioate		ND(0.48)	NS	ND(0.48)	NS	NS
o-Toluidine		ND(0.480)	NS	ND(0.480)	NS	NS
p-Dimethylaminoazobenzene		ND(0.970)	NS	ND(0.740)	NS	NS
Pentachlorobenzene		ND(0.480)	NS	ND(0.480)	NS	NS
Pentachloroethane		ND(0.48)	NS	ND(0.48)	NS	NS
Pentachloronitrobenzene		ND(0.970)	NS	ND(0.740)	NS	NS
Pentachlorophenol		ND(2.50)	NS	ND(2.40)	NS	NS
Phenacetin		ND(0.970)	NS	ND(0.740)	NS	NS
Phenanthrene		0.520	NS	1.20	NS	NS
Phenol		ND(0.480)	NS	0.410 J	NS	NS
Pronamide		ND(0.480)	NS	ND(0.480)	NS	NS
Pyrene		0.950	NS	2.80	NS	NS
Pyridine		ND(0.480)	NS	ND(0.480)	NS	NS
Safrole		ND(0.480)	NS	ND(0.480)	NS	NS
Thionazin		ND(0.48)	NS	ND(0.48)	NS	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area:	4B	4B	4B	4B	4B
	Sample ID:	RAA4-E35	RAA4-E35	RAA4-E36	RAA4-F19	RAA4-F19
	Sample Depth(Feet):	6-15	10-12	0-1	0-1	1-6
	Date Collected:	05/17/02	05/17/02	04/23/02	06/18/02	06/18/02
Furans						
2,3,7,8-TCDF		NS	NS	0.000069 Y	0.0000077 Y	0.00015 Y
TCDFs (total)		NS	NS	0.0019 EJ	0.000080 I	0.0014 QI
1,2,3,7,8-PeCDF		NS	NS	0.000039	0.0000050	0.000056 Q
2,3,4,7,8-PeCDF		NS	NS	0.00011	0.000028	0.00032
PeCDFs (total)		NS	NS	0.017 EJ	0.00044 QI	0.0065 QI
1,2,3,4,7,8-HxCDF		NS	NS	0.00022	0.000021	0.00014
1,2,3,6,7,8-HxCDF		NS	NS	0.00050	0.000015	0.00016
1,2,3,7,8,9-HxCDF		NS	NS	ND(0.00038) X	0.0000038	0.000034
2,3,4,6,7,8-HxCDF		NS	NS	0.0011	0.000041	0.00055
HxCDFs (total)		NS	NS	0.016 EJ	0.00060 I	0.0075
1,2,3,4,6,7,8-HpCDF		NS	NS	0.0016	0.000034	0.00046
1,2,3,4,7,8,9-HpCDF		NS	NS	0.000068	0.0000059 J	0.000052 J
HpCDFs (total)		NS	NS	0.0034	0.00011	0.0012
OCDF		NS	NS	0.00022	0.000018	0.00016
Dioxins						
2,3,7,8-TCDD		NS	NS	0.0000017 B	ND(0.00000012)	0.00000095
TCDDs (total)		NS	NS	0.000017 Q	0.00000046	0.000022 Q
1,2,3,7,8-PeCDD		NS	NS	0.0000088	0.00000058 J	0.0000057
PeCDDs (total)		NS	NS	0.000037	0.0000033	0.000050 Q
1,2,3,4,7,8-HxCDD		NS	NS	0.000015	0.00000062 J	0.0000072
1,2,3,6,7,8-HxCDD		NS	NS	0.000014	0.00000082 J	0.0000078
1,2,3,7,8,9-HxCDD		NS	NS	0.000012	0.00000064 J	0.0000063
HxCDDs (total)		NS	NS	0.00019	0.0000090	0.00011
1,2,3,4,6,7,8-HpCDD		NS	NS	0.00017	0.0000062	0.000053
HpCDDs (total)		NS	NS	0.00034	0.000013	0.00011
OCDD		NS	NS	0.00062 J	0.000028	0.00022
Total TEQs (WHO TEFs)		NS	NS	0.00030	0.000024	0.00028
Inorganics						
Antimony		NS	NS	ND(6.00)	NS	NS
Arsenic		NS	NS	11.0	NS	NS
Barium		NS	NS	41.0	NS	NS
Beryllium		NS	NS	ND(0.500)	NS	NS
Cadmium		NS	NS	1.20	NS	NS
Chromium		NS	NS	39.0	NS	NS
Cobalt		NS	NS	16.0	NS	NS
Copper		NS	NS	95.0	NS	NS
Cyanide		NS	NS	1.50	NS	NS
Lead		NS	NS	65.0	NS	NS
Mercury		NS	NS	0.340	NS	NS
Nickel		NS	NS	29.0	NS	NS
Selenium		NS	NS	1.30	NS	NS
Silver		NS	NS	ND(1.00)	NS	NS
Sulfide		NS	NS	55.0	NS	NS
Thallium		NS	NS	ND(1.10) J	NS	NS
Tin		NS	NS	ND(10.0)	NS	NS
Vanadium		NS	NS	16.0	NS	NS
Zinc		NS	NS	130	NS	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B / RAA4-F21 / 0-1 / 06/04/02	4B / RAA4-F21 / 6-15 / 06/04/02	4B / RAA4-F23 / 1-6 / 06/04/02
Volatile Organics				
1,1,1,2-Tetrachloroethane		ND(0.0053) [ND(0.0053)]	NS	NS
1,1,1-Trichloroethane		ND(0.0053) [ND(0.0053)]	NS	NS
1,1,2,2-Tetrachloroethane		ND(0.0053) [ND(0.0053)]	NS	NS
1,1,2-Trichloroethane		ND(0.0053) [ND(0.0053)]	NS	NS
1,1-Dichloroethane		ND(0.0053) [ND(0.0053)]	NS	NS
1,1-Dichloroethene		ND(0.0053) [ND(0.0053)]	NS	NS
1,2,3-Trichloropropane		ND(0.0053) [ND(0.0053)]	NS	NS
1,2-Dibromo-3-chloropropane		ND(0.0053) [ND(0.0053)]	NS	NS
1,2-Dibromoethane		ND(0.0053) [ND(0.0053)]	NS	NS
1,2-Dichloroethane		ND(0.0053) [ND(0.0053)]	NS	NS
1,2-Dichloropropane		ND(0.0053) [ND(0.0053)]	NS	NS
1,4-Dioxane		ND(0.11) J [ND(0.11) J]	NS	NS
2-Butanone		ND(0.011) [ND(0.011)]	NS	NS
2-Chloro-1,3-butadiene		ND(0.0053) [ND(0.0053)]	NS	NS
2-Chloroethylvinylether		ND(0.0053) [ND(0.0053)]	NS	NS
2-Hexanone		ND(0.011) [ND(0.011)]	NS	NS
3-Chloropropene		ND(0.0053) [ND(0.0053)]	NS	NS
4-Methyl-2-pentanone		ND(0.011) [ND(0.011)]	NS	NS
Acetone		ND(0.021) [ND(0.021)]	NS	NS
Acetonitrile		ND(0.11) J [ND(0.11) J]	NS	NS
Acrolein		ND(0.11) J [ND(0.11) J]	NS	NS
Acrylonitrile		ND(0.0053) [ND(0.0053)]	NS	NS
Benzene		ND(0.00530) [ND(0.00530)]	NS	NS
Bromodichloromethane		ND(0.0053) [ND(0.0053)]	NS	NS
Bromoform		ND(0.0053) J [ND(0.0053) J]	NS	NS
Bromomethane		ND(0.0053) [ND(0.0053)]	NS	NS
Carbon Disulfide		ND(0.0053) [ND(0.0053)]	NS	NS
Carbon Tetrachloride		ND(0.0053) [ND(0.0053)]	NS	NS
Chlorobenzene		ND(0.0053) [ND(0.0053)]	NS	NS
Chloroethane		ND(0.0053) J [ND(0.0053) J]	NS	NS
Chloroform		ND(0.0053) [ND(0.0053)]	NS	NS
Chloromethane		ND(0.0053) [ND(0.0053)]	NS	NS
cis-1,3-Dichloropropene		ND(0.0053) [ND(0.0053)]	NS	NS
Dibromochloromethane		ND(0.0053) [ND(0.0053)]	NS	NS
Dibromomethane		ND(0.0053) [ND(0.0053)]	NS	NS
Dichlorodifluoromethane		ND(0.0053) [ND(0.0053)]	NS	NS
Ethyl Methacrylate		ND(0.0053) [ND(0.0053)]	NS	NS
Ethylbenzene		ND(0.00530) [ND(0.00530)]	NS	NS
Iodomethane		ND(0.0053) [ND(0.0053)]	NS	NS
Isobutanol		ND(0.11) [ND(0.11)]	NS	NS
Methacrylonitrile		ND(0.0053) [ND(0.0053)]	NS	NS
Methyl Methacrylate		ND(0.0053) [ND(0.0053)]	NS	NS
Methylene Chloride		ND(0.0053) [ND(0.0053)]	NS	NS
Propionitrile		ND(0.011) [ND(0.011)]	NS	NS
Styrene		ND(0.00530) [ND(0.00530)]	NS	NS
Tetrachloroethene		ND(0.0053) [ND(0.0053)]	NS	NS
Toluene		ND(0.00530) [ND(0.00530)]	NS	NS
trans-1,2-Dichloroethene		ND(0.0053) [ND(0.0053)]	NS	NS
trans-1,3-Dichloropropene		ND(0.0053) [ND(0.0053)]	NS	NS
trans-1,4-Dichloro-2-butene		ND(0.0053) [ND(0.0053)]	NS	NS
Trichloroethene		ND(0.0053) [ND(0.0053)]	NS	NS
Trichlorofluoromethane		ND(0.0053) [ND(0.0053)]	NS	NS
Vinyl Acetate		ND(0.0053) [ND(0.0053)]	NS	NS
Vinyl Chloride		ND(0.0053) [ND(0.0053)]	NS	NS
Xylenes (total)		ND(0.0053) [ND(0.0053)]	NS	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-F21 0-1 06/04/02	4B RAA4-F21 6-15 06/04/02	4B RAA4-F23 1-6 06/04/02
Semivolatile Organics			
1,2,4,5-Tetrachlorobenzene	ND(0.350) [ND(0.360)]	NS	NS
1,2,4-Trichlorobenzene	ND(0.350) [ND(0.360)]	NS	NS
1,2-Dichlorobenzene	ND(0.350) [ND(0.360)]	NS	NS
1,2-Diphenylhydrazine	ND(0.35) [ND(0.36)]	NS	NS
1,3,5-Trinitrobenzene	ND(0.350) [ND(0.360)]	NS	NS
1,3-Dichlorobenzene	ND(0.350) [ND(0.360)]	NS	NS
1,3-Dinitrobenzene	ND(0.710) [ND(0.720)]	NS	NS
1,4-Dichlorobenzene	ND(0.350) [ND(0.360)]	NS	NS
1,4-Naphthoquinone	ND(0.710) [ND(0.720)]	NS	NS
1-Naphthylamine	ND(0.710) [ND(0.720)]	NS	NS
2,3,4,6-Tetrachlorophenol	ND(0.350) [ND(0.360)]	NS	NS
2,4,5-Trichlorophenol	ND(0.350) [ND(0.360)]	NS	NS
2,4,6-Trichlorophenol	ND(0.350) [ND(0.360)]	NS	NS
2,4-Dichlorophenol	ND(0.350) [ND(0.360)]	NS	NS
2,4-Dimethylphenol	ND(0.350) [ND(0.360)]	NS	NS
2,4-Dinitrophenol	ND(1.80) [ND(1.80)]	NS	NS
2,4-Dinitrotoluene	ND(0.350) [ND(0.360)]	NS	NS
2,6-Dichlorophenol	ND(0.350) [ND(0.360)]	NS	NS
2,6-Dinitrotoluene	ND(0.350) [ND(0.360)]	NS	NS
2-Acetylaminofluorene	ND(0.710) [ND(0.720)]	NS	NS
2-Chloronaphthalene	ND(0.350) [ND(0.360)]	NS	NS
2-Chlorophenol	ND(0.350) [ND(0.360)]	NS	NS
2-Methylnaphthalene	ND(0.350) [ND(0.360)]	NS	NS
2-Methylphenol	ND(0.350) [ND(0.360)]	NS	NS
2-Naphthylamine	ND(0.710) [ND(0.720)]	NS	NS
2-Nitroaniline	ND(1.80) [ND(1.80)]	NS	NS
2-Nitrophenol	ND(0.710) [ND(0.720)]	NS	NS
2-Picoline	ND(0.350) [ND(0.360)]	NS	NS
3&4-Methylphenol	ND(0.710) [ND(0.720)]	NS	NS
3,3'-Dichlorobenzidine	ND(0.71) J [ND(0.720)]	NS	NS
3,3'-Dimethylbenzidine	ND(0.350) [ND(0.360)]	NS	NS
3-Methylcholanthrene	ND(0.710) [ND(0.720)]	NS	NS
3-Nitroaniline	ND(1.80) [ND(1.80)]	NS	NS
4,6-Dinitro-2-methylphenol	ND(0.350) [ND(0.360)]	NS	NS
4-Aminobiphenyl	ND(0.710) [ND(0.720)]	NS	NS
4-Bromophenyl-phenylether	ND(0.350) [ND(0.360)]	NS	NS
4-Chloro-3-Methylphenol	ND(0.350) [ND(0.360)]	NS	NS
4-Chloroaniline	ND(0.350) [ND(0.360)]	NS	NS
4-Chlorobenzilate	ND(0.710) [ND(0.720)]	NS	NS
4-Chlorophenyl-phenylether	ND(0.350) [ND(0.360)]	NS	NS
4-Nitroaniline	ND(1.80) [ND(1.80)]	NS	NS
4-Nitrophenol	ND(1.80) [ND(1.80)]	NS	NS
4-Nitroquinoline-1-oxide	ND(0.710) [ND(0.720)]	NS	NS
4-Phenylenediamine	ND(0.71) J [ND(0.72) J]	NS	NS
5-Nitro-o-toluidine	ND(0.710) [ND(0.720)]	NS	NS
7,12-Dimethylbenz(a)anthracene	ND(0.710) [ND(0.720)]	NS	NS
a,a'-Dimethylphenethylamine	ND(0.710) [ND(0.720)]	NS	NS
Acenaphthene	ND(0.350) [ND(0.360)]	NS	NS
Acenaphthylene	ND(0.350) [ND(0.360)]	NS	NS
Acetophenone	ND(0.350) [ND(0.360)]	NS	NS
Aniline	ND(0.350) [ND(0.360)]	NS	NS
Anthracene	0.190 J [ND(0.350)]	NS	NS
Aramite	ND(0.710) [ND(0.720)]	NS	NS
Benzidine	ND(0.71) [ND(0.72)]	NS	NS
Benzo(a)anthracene	1.0 J [0.24 J]	NS	NS
Benzo(a)pyrene	0.88 J [0.25 J]	NS	NS
Benzo(b)fluoranthene	0.81 J [0.21 J]	NS	NS
Benzo(g,h,i)perylene	0.73 J [0.20 J]	NS	NS
Benzo(k)fluoranthene	0.79 J [0.19 J]	NS	NS
Benzyl Alcohol	ND(0.710) [ND(0.72) J]	NS	NS
bis(2-Chloroethoxy)methane	ND(0.350) [ND(0.360)]	NS	NS
bis(2-Chloroethyl)ether	ND(0.350) [ND(0.360)]	NS	NS
bis(2-Chloroisopropyl)ether	ND(0.350) [ND(0.360)]	NS	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B / RAA4-F21 / 0-1 / 06/04/02	4B / RAA4-F21 / 6-15 / 06/04/02	4B / RAA4-F23 / 1-6 / 06/04/02
Semivolatile Organics (continued)				
bis(2-Ethylhexyl)phthalate		ND(0.350) [ND(0.350)]	NS	NS
Butylbenzylphthalate		ND(0.350) [ND(0.360)]	NS	NS
Chrysene		0.90 J [0.22 J]	NS	NS
Dialiate		ND(0.710) [ND(0.720)]	NS	NS
Dibenzo(a,h)anthracene		0.230 J [ND(0.360)]	NS	NS
Dibenzofuran		ND(0.350) [ND(0.360)]	NS	NS
Diethylphthalate		ND(0.350) [ND(0.360)]	NS	NS
Dimethylphthalate		ND(0.350) [0.260 J]	NS	NS
Di-n-Butylphthalate		ND(0.350) [ND(0.360)]	NS	NS
Di-n-Octylphthalate		ND(0.350) [ND(0.360)]	NS	NS
Diphenylamine		ND(0.35) [ND(0.36)]	NS	NS
Ethyl Methanesulfonate		ND(0.350) [ND(0.360)]	NS	NS
Fluoranthene		2.1 J [0.52 J]	NS	NS
Fluorene		ND(0.350) [ND(0.360)]	NS	NS
Hexachlorobenzene		ND(0.350) [ND(0.360)]	NS	NS
Hexachlorobutadiene		ND(0.350) [ND(0.360)]	NS	NS
Hexachlorocyclopentadiene		ND(0.350) [ND(0.360)]	NS	NS
Hexachloroethane		ND(0.350) [ND(0.360)]	NS	NS
Hexachlorophene		ND(0.71) [ND(0.72)]	NS	NS
Hexachloropropene		ND(0.350) [ND(0.360)]	NS	NS
Indeno(1,2,3-cd)pyrene		0.660 [0.170 J]	NS	NS
Isodrin		ND(0.35) [ND(0.36)]	NS	NS
Isophorone		ND(0.350) [ND(0.360)]	NS	NS
Isosafrole		ND(0.710) [ND(0.720)]	NS	NS
Methapyrilene		ND(0.710) [ND(0.720)]	NS	NS
Methyl Methanesulfonate		ND(0.350) [ND(0.360)]	NS	NS
Naphthalene		ND(0.350) [ND(0.360)]	NS	NS
Nitrobenzene		ND(0.350) [ND(0.360)]	NS	NS
N-Nitrosodiethylamine		ND(0.350) [ND(0.360)]	NS	NS
N-Nitrosodimethylamine		ND(0.350) [ND(0.360)]	NS	NS
N-Nitroso-di-n-butylamine		ND(0.710) [ND(0.720)]	NS	NS
N-Nitroso-di-n-propylamine		ND(0.350) [ND(0.360)]	NS	NS
N-Nitrosodiphenylamine		ND(0.350) [ND(0.360)]	NS	NS
N-Nitrosomethylethylamine		ND(0.710) [ND(0.720)]	NS	NS
N-Nitrosomorpholine		ND(0.350) [ND(0.360)]	NS	NS
N-Nitrosopiperidine		ND(0.350) [ND(0.360)]	NS	NS
N-Nitrosopyrrolidine		ND(0.710) [ND(0.720)]	NS	NS
o,o,o-Triethylphosphorothioate		ND(0.35) [ND(0.36)]	NS	NS
o-Toluidine		ND(0.350) [ND(0.360)]	NS	NS
p-Dimethylaminoazobenzene		ND(0.710) [ND(0.720)]	NS	NS
Pentachlorobenzene		ND(0.350) [ND(0.360)]	NS	NS
Pentachloroethane		ND(0.35) [ND(0.36)]	NS	NS
Pentachloronitrobenzene		ND(0.710) [ND(0.720)]	NS	NS
Pentachlorophenol		ND(1.80) [ND(1.80)]	NS	NS
Phenacetin		ND(0.710) [ND(0.720)]	NS	NS
Phenanthrene		0.800 [ND(0.360)]	NS	NS
Phenol		ND(0.350) [ND(0.350)]	NS	NS
Pronamide		ND(0.350) [ND(0.360)]	NS	NS
Pyrene		1.9 J [0.44 J]	NS	NS
Pyridine		ND(0.350) [ND(0.360)]	NS	NS
Safrole		ND(0.350) [ND(0.360)]	NS	NS
Thionazin		ND(0.35) [ND(0.36)]	NS	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B / RAA4-F21 / 0-1 / 06/04/02	4B / RAA4-F21 / 6-15 / 06/04/02	4B / RAA4-F23 / 1-6 / 06/04/02
Furans				
2,3,7,8-TCDF		0.0000049 Y [0.0000054 Y]	0.000087 Y	0.00012 YI
TCDFs (total)		0.000039 [0.000046]	0.00079	0.0022 I
1,2,3,7,8-PeCDF		0.0000018 J [0.0000026 J]	0.000026	0.000047
2,3,4,7,8-PeCDF		0.0000044 [0.0000061]	0.000034	0.00039
PeCDFs (total)		0.000050 Q [0.000070 Q]	0.00038 I	0.0060 QI
1,2,3,4,7,8-HxCDF		0.0000032 [0.0000050]	0.000038	0.00047
1,2,3,6,7,8-HxCDF		0.0000021 J [0.0000037]	0.000020	0.00020
1,2,3,7,8,9-HxCDF		0.00000078 J [0.00000090 J]	0.0000046	0.000067
2,3,4,6,7,8-HxCDF		0.0000052 [0.0000072]	0.000026	0.00057
HxCDFs (total)		0.000067 [0.000096]	0.00037	0.0078 Q
1,2,3,4,6,7,8-HpCDF		0.0000067 [0.0000096]	0.000050	0.0010
1,2,3,4,7,8,9-HpCDF		0.0000010 J [0.0000011 J]	0.0000092	0.00026
HpCDFs (total)		0.000016 [0.000022]	0.00010	0.0028
OCDF		0.0000054 [0.0000076]	0.000060	0.0024
Dioxins				
2,3,7,8-TCDD		ND(0.00000018) X [ND(0.00000017) X]	0.00000065 J	ND(0.0000039) X
TCDDs (total)		0.00000036 [0.00000087]	0.000013	0.000055
1,2,3,7,8-PeCDD		ND(0.00000040) X [ND(0.00000031) X]	ND(0.0000012) X	ND(0.000036) X
PeCDDs (total)		0.0000013 Q [0.0000016 Q]	0.000012	0.00018 Q
1,2,3,4,7,8-HxCDD		ND(0.00000039) X [0.00000030 J]	0.00000090 J	0.000038
1,2,3,6,7,8-HxCDD		0.00000054 J [0.00000043 J]	0.0000012 J	0.000049
1,2,3,7,8,9-HxCDD		0.00000042 J [0.00000035 J]	0.00000095 J	0.000040
HxCDDs (total)		0.0000057 [0.0000058]	0.000017	0.00073 Q
1,2,3,4,6,7,8-HpCDD		0.0000044 [0.0000059]	0.0000071	0.00030
HpCDDs (total)		0.0000086 [0.000011]	0.000014	0.00066
OCDD		0.000028 [0.000041]	0.000028	0.0012
Total TEQs (WHO TEFs)		0.0000044 [0.0000059]	0.000038	0.00039
Inorganics				
Antimony		0.860 J [ND(6.00) J]	NS	NS
Arsenic		3.80 J [4.50 J]	NS	NS
Barium		36.0 J [22.0 J]	NS	NS
Beryllium		ND(0.500) J [ND(0.500) J]	NS	NS
Cadmium		ND(0.500) J [ND(0.500) J]	NS	NS
Chromium		5.20 J [5.70 J]	NS	NS
Cobalt		6.90 J [7.60 J]	NS	NS
Copper		29.0 [16.0]	NS	NS
Cyanide		ND(0.110) [ND(0.110)]	NS	NS
Lead		32.0 [15.0]	NS	NS
Mercury		0.0700 J [0.180 J]	NS	NS
Nickel		11.0 [12.0]	NS	NS
Selenium		ND(1.00) J [ND(1.00) J]	NS	NS
Silver		ND(1.00) [ND(1.00)]	NS	NS
Sulfide		12.0 [10.0]	NS	NS
Thallium		ND(1.10) [ND(1.10)]	NS	NS
Tin		ND(4.30) [ND(3.40)]	NS	NS
Vanadium		7.30 [6.60]	NS	NS
Zinc		48.0 J [41.0 J]	NS	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Averaging Area:	4B	4B	4B	4B	4B
Sample ID:	RAA4-F29	RAA4-F33	RAA4-F34	RAA4-F34	RAA4-F34
Sample Depth(Feet):	0-1	1-6	0-1	1-6	4-6
Date Collected:	05/22/02	05/28/02	05/28/02	05/28/02	05/28/02
Volatile Organics					
1,1,1,2-Tetrachloroethane	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
1,1,1-Trichloroethane	0.15 [0.15]	NS	ND(0.0064)	NS	ND(0.0057)
1,1,2,2-Tetrachloroethane	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
1,1,2-Trichloroethane	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
1,1-Dichloroethane	0.010 [0.011]	NS	ND(0.0064)	NS	ND(0.0057)
1,1-Dichloroethene	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
1,2,3-Trichloropropane	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
1,2-Dibromo-3-chloropropane	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
1,2-Dibromoethane	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
1,2-Dichloroethane	0.0058 [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
1,2-Dichloropropane	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
1,4-Dioxane	ND(0.10) J [ND(0.11) J]	NS	ND(0.13) J	NS	ND(0.11) J
2-Butanone	ND(0.010) [ND(0.011)]	NS	ND(0.013)	NS	ND(0.011)
2-Chloro-1,3-butadiene	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
2-Chloroethylvinylether	0.0046 J [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
2-Hexanone	ND(0.010) [ND(0.011)]	NS	ND(0.013)	NS	ND(0.011)
3-Chloropropene	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
4-Methyl-2-pentanone	ND(0.010) [ND(0.011)]	NS	ND(0.013)	NS	ND(0.011)
Acetone	0.0074 J [0.0079 J]	NS	ND(0.026)	NS	ND(0.023)
Acetonitrile	ND(0.10) J [ND(0.11) J]	NS	ND(0.13)	NS	ND(0.11)
Acrolein	ND(0.10) J [ND(0.11) J]	NS	ND(0.13) J	NS	ND(0.11) J
Acrylonitrile	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
Benzene	ND(0.00530) [ND(0.00540)]	NS	ND(0.00640)	NS	ND(0.00570)
Bromodichloromethane	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
Bromoform	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064) J	NS	ND(0.0057) J
Bromomethane	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
Carbon Disulfide	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
Carbon Tetrachloride	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
Chlorobenzene	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
Chloroethane	ND(0.0053) J [ND(0.0054) J]	NS	ND(0.0064) J	NS	ND(0.0057) J
Chloroform	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
Chloromethane	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
cis-1,3-Dichloropropene	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
Dibromochloromethane	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
Dibromomethane	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
Dichlorodifluoromethane	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
Ethyl Methacrylate	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
Ethylbenzene	ND(0.00530) [ND(0.00540)]	NS	ND(0.00640)	NS	ND(0.00570)
Iodomethane	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
Isobutanol	ND(0.10) [ND(0.11)]	NS	ND(0.13) J	NS	ND(0.11) J
Methacrylonitrile	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
Methyl Methacrylate	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
Methylene Chloride	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
Propionitrile	ND(0.010) [ND(0.011)]	NS	ND(0.013)	NS	ND(0.011)
Styrene	ND(0.00530) [ND(0.00540)]	NS	ND(0.00640)	NS	ND(0.00570)
Tetrachloroethene	0.82 J [0.43 J]	NS	ND(0.0064)	NS	ND(0.0057)
Toluene	ND(0.00530) [0.00460 J]	NS	ND(0.00640)	NS	ND(0.00570)
trans-1,2-Dichloroethene	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
trans-1,3-Dichloropropene	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
trans-1,4-Dichloro-2-butene	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
Trichloroethene	0.096 [0.10]	NS	ND(0.0064)	NS	ND(0.0057)
Trichlorofluoromethane	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
Vinyl Acetate	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064) J	NS	ND(0.0057) J
Vinyl Chloride	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
Xylenes (total)	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Averaging Area	4B	4B	4B	4B	4B
Sample ID:	RAA4-F29	RAA4-F33	RAA4-F34	RAA4-F34	RAA4-F34
Sample Depth(Feet):	0-1	1-6	0-1	1-6	4-6
Date Collected:	05/22/02	05/28/02	05/28/02	05/28/02	05/28/02
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	0.390 [0.600 J]	NS	ND(0.470)	ND(0.380)	NS
1,2,4-Trichlorobenzene	0.560 [1.50]	NS	ND(0.470)	ND(0.380)	NS
1,2-Dichlorobenzene	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
1,2-Diphenylhydrazine	ND(0.35) [ND(0.73)]	NS	ND(0.47)	ND(0.38)	NS
1,3,5-Trinitrobenzene	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
1,3-Dichlorobenzene	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
1,3-Dinitrobenzene	ND(0.710) [ND(0.730)]	NS	ND(0.860)	ND(0.760)	NS
1,4-Dichlorobenzene	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
1,4-Naphthoquinone	ND(0.710) [ND(0.730)]	NS	ND(0.860)	ND(0.760)	NS
1-Naphthylamine	ND(0.710) [ND(0.730)]	NS	ND(0.860)	ND(0.760)	NS
2,3,4,6-Tetrachlorophenol	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
2,4,5-Trichlorophenol	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
2,4,6-Trichlorophenol	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
2,4-Dichlorophenol	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
2,4-Dimethylphenol	0.120 J [0.220 J]	NS	ND(0.470)	ND(0.380)	NS
2,4-Dinitrophenol	ND(1.80) [ND(3.60)]	NS	ND(2.30)	ND(1.90)	NS
2,4-Dinitrotoluene	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
2,6-Dichlorophenol	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
2,6-Dinitrotoluene	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
2-Acetylaminofluorene	ND(0.710) [ND(0.730)]	NS	ND(0.860)	ND(0.760)	NS
2-Chloronaphthalene	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
2-Chlorophenol	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
2-Methylnaphthalene	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
2-Methylphenol	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
2-Naphthylamine	ND(0.710) [ND(0.730)]	NS	ND(0.860)	ND(0.760)	NS
2-Nitroaniline	ND(1.80) [ND(3.60)]	NS	ND(2.30)	ND(1.90)	NS
2-Nitrophenol	ND(0.710) [ND(0.730)]	NS	ND(0.860)	ND(0.760)	NS
2-Picoline	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
3&4-Methylphenol	0.160 J [0.250 J]	NS	ND(0.860)	ND(0.760)	NS
3,3'-Dichlorobenzidine	ND(0.710) [ND(1.40)]	NS	ND(0.94) J	ND(0.76) J	NS
3,3'-Dimethylbenzidine	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
3-Methylcholanthrene	ND(0.710) [ND(0.730)]	NS	ND(0.860)	ND(0.760)	NS
3-Nitroaniline	ND(1.80) [ND(3.60)]	NS	ND(2.30)	ND(1.90)	NS
4,6-Dinitro-2-methylphenol	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
4-Aminobiphenyl	ND(0.710) [ND(0.730)]	NS	ND(0.860)	ND(0.760)	NS
4-Bromophenyl-phenylether	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
4-Chloro-3-Methylphenol	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
4-Chloroaniline	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
4-Chlorobenzilate	ND(0.710) [ND(0.730)]	NS	ND(0.860)	ND(0.760)	NS
4-Chlorophenyl-phenylether	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
4-Nitroaniline	ND(1.80) [ND(1.80)]	NS	ND(2.20)	ND(1.90)	NS
4-Nitrophenol	ND(1.80) [ND(3.60)]	NS	ND(2.30)	ND(1.90)	NS
4-Nitroquinoline-1-oxide	ND(0.710) [ND(0.730)]	NS	ND(0.860)	ND(0.760)	NS
4-Phenylenediamine	ND(0.71) J [ND(0.73) J]	NS	ND(0.86) J	ND(0.76) J	NS
5-Nitro-o-toluidine	ND(0.710) [ND(0.730)]	NS	ND(0.860)	ND(0.760)	NS
7,12-Dimethylbenz(a)anthracene	ND(0.710) [ND(0.730)]	NS	ND(0.860)	ND(0.760)	NS
a,a'-Dimethylphenethylamine	ND(0.710) [ND(0.730)]	NS	ND(0.860)	ND(0.760)	NS
Acenaphthene	0.360 [0.730]	NS	ND(0.470)	ND(0.380)	NS
Acenaphthylene	0.0930 J [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
Acetophenone	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
Aniline	1.2 J [6.5 J]	NS	ND(0.470)	ND(0.380)	NS
Anthracene	0.610 [1.10]	NS	ND(0.470)	ND(0.380)	NS
Aramite	ND(0.710) [ND(0.730)]	NS	ND(0.860)	ND(0.760)	NS
Benzidine	ND(0.71) [ND(1.4)]	NS	ND(0.94) J	ND(0.76) J	NS
Benzo(a)anthracene	2.10 [3.90]	NS	0.0940 J	ND(0.380)	NS
Benzo(a)pyrene	2.40 [3.90]	NS	0.120 J	ND(0.380)	NS
Benzo(b)fluoranthene	2.20 [3.80]	NS	0.0970 J	ND(0.380)	NS
Benzo(g,h,i)perylene	2.40 [4.00]	NS	ND(0.470)	ND(0.380)	NS
Benzo(k)fluoranthene	1.70 [3.30]	NS	0.0670 J	ND(0.380)	NS
Benzyl Alcohol	ND(0.710) [ND(1.40)]	NS	ND(0.940)	ND(0.760)	NS
bis(2-Chloroethoxy)methane	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
bis(2-Chloroethyl)ether	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
bis(2-Chloroisopropyl)ether	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:					
	Averaging Area:	4B	4B	4B	4B	4B
	Sample ID:	RAA4-F29	RAA4-F33	RAA4-F34	RAA4-F34	RAA4-F34
	Sample Depth(Feet):	0-1	1-6	0-1	1-6	4-6
Parameter	Date Collected:	05/22/02	05/29/02	05/28/02	05/28/02	05/28/02
Semivolatile Organics (continued)						
bis(2-Ethylhexyl)phthalate		0.48 J [3.8 J]	NS	ND(0.420)	ND(0.370)	NS
Butylbenzylphthalate		ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
Chrysene		2.00 [3.80]	NS	ND(0.470)	ND(0.380)	NS
Dialfate		ND(0.710) [ND(0.730)]	NS	ND(0.860)	ND(0.760)	NS
Dibenzo(a,h)anthracene		0.640 [1.20]	NS	ND(0.470)	ND(0.380)	NS
Dibenzofuran		0.190 J [0.350 J]	NS	ND(0.470)	ND(0.380)	NS
Diethylphthalate		ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
Dimethylphthalate		ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
Di-n-Butylphthalate		0.350 J [0.580 J]	NS	ND(0.470)	ND(0.380)	NS
Di-n-Octylphthalate		ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
Diphenylamine		ND(0.35) [ND(0.73)]	NS	ND(0.47)	ND(0.38)	NS
Ethyl Methanesulfonate		ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
Fluoranthene		3.70 [6.90]	NS	0.190 J	ND(0.380)	NS
Fluorene		0.310 J [0.520 J]	NS	ND(0.470)	ND(0.380)	NS
Hexachlorobenzene		ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
Hexachlorobutadiene		ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
Hexachlorocyclopentadiene		ND(0.350) [ND(0.730)]	NS	ND(0.47) J	ND(0.38) J	NS
Hexachloroethane		ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
Hexachlorophene		ND(0.71) [ND(1.4)]	NS	ND(0.94)	ND(0.76)	NS
Hexachloropropene		ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
Indeno(1,2,3-cd)pyrene		2.30 [3.90]	NS	ND(0.470)	ND(0.380)	NS
Isodrin		ND(0.35) [ND(0.73)]	NS	ND(0.47)	ND(0.38)	NS
Isophorone		ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
Isosafrole		ND(0.710) [ND(0.730)]	NS	ND(0.860)	ND(0.760)	NS
Methapyrilene		ND(0.710) [ND(0.730)]	NS	ND(0.860)	ND(0.760)	NS
Methyl Methanesulfonate		ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
Naphthalene		0.120 J [0.230 J]	NS	ND(0.470)	ND(0.380)	NS
Nitrobenzene		ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
N-Nitrosodiethylamine		ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
N-Nitrosodimethylamine		ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
N-Nitroso-di-n-butylamine		ND(0.710) [ND(0.730)]	NS	ND(0.860)	ND(0.760)	NS
N-Nitroso-di-n-propylamine		ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
N-Nitrosodiphenylamine		ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
N-Nitrosomethylethylamine		ND(0.710) [ND(0.730)]	NS	ND(0.860)	ND(0.760)	NS
N-Nitrosomorpholine		ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
N-Nitrosopiperidine		ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
N-Nitrosopyrrolidine		ND(0.710) [ND(0.730)]	NS	ND(0.860)	ND(0.760)	NS
o,o,o-Triethylphosphorothioate		ND(0.35) [ND(0.73)]	NS	ND(0.47)	ND(0.38)	NS
o-Toluidine		ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
p-Dimethylaminoazobenzene		ND(0.710) [ND(0.730)]	NS	ND(0.860)	ND(0.760)	NS
Pentachlorobenzene		1.10 [1.80]	NS	ND(0.470)	ND(0.380)	NS
Pentachloroethane		ND(0.35) [ND(0.73)]	NS	ND(0.47)	ND(0.38)	NS
Pentachloronitrobenzene		ND(0.710) [ND(0.730)]	NS	ND(0.860)	ND(0.760)	NS
Pentachlorophenol		ND(1.80) [ND(3.60)]	NS	ND(2.30)	ND(1.90)	NS
Phenacetin		ND(0.710) [ND(0.730)]	NS	ND(0.860)	ND(0.760)	NS
Phenanthrene		2.80 [4.70]	NS	0.110 J	ND(0.380)	NS
Phenol		0.240 J [0.800]	NS	ND(0.470)	ND(0.380)	NS
Pronamide		ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
Pyrene		3.10 [6.10]	NS	0.140 J	ND(0.380)	NS
Pyridine		ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
Safrole		ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
Thionazin		ND(0.35) [ND(0.73)]	NS	ND(0.47)	ND(0.38)	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-F29 0-1 05/22/02	4B RAA4-F33 1-6 05/28/02	4B RAA4-F34 0-1 05/28/02	4B RAA4-F34 1-6 05/28/02	4B RAA4-F34 4-6 05/28/02
Furans						
2,3,7,8-TCDF		0.00074 [0.00065]	0.0000059 Y	0.00014 Y	0.0000028 Y	NS
TCDFs (total)		0.0046 I [0.0042]	0.000058	0.0012	0.000025	NS
1,2,3,7,8-PeCDF		0.00044 [0.00042]	0.0000021 J	0.000046	0.0000011 J	NS
2,3,4,7,8-PeCDF		0.00098 [0.00092]	0.0000024 J	0.000044	0.0000010 J	NS
PeCDFs (total)		0.010 QI [0.0088 QI]	0.000026	0.00056 I	0.000010	NS
1,2,3,4,7,8-HxCDF		0.0012 [0.00098]	0.0000018 J	0.000040	0.0000012 J	NS
1,2,3,6,7,8-HxCDF		0.00051 [0.00045]	0.0000010 J	0.000023	0.00000070 J	NS
1,2,3,7,8,9-HxCDF		0.00022 [0.00028]	ND(0.00000024) X	0.0000042 J	0.00000013 J	NS
2,3,4,6,7,8-HxCDF		0.0012 [0.0010]	0.0000012 J	0.000024	0.00000050 J	NS
HxCDFs (total)		0.016 [0.013 I]	0.000014	0.00033	0.0000071	NS
1,2,3,4,6,7,8-HpCDF		0.0024 [0.0017]	0.0000025 J	0.000056	0.0000016 J	NS
1,2,3,4,7,8,9-HpCDF		0.00043 [0.00029]	0.00000031 J	0.0000068 J	0.00000024 J	NS
HpCDFs (total)		0.0055 [0.0037]	0.0000044	0.000098	0.0000026	NS
OCDF		0.0037 J [0.0015 J]	0.0000021 J	0.000053	0.0000016 J	NS
Dioxins						
2,3,7,8-TCDD		0.0000052 [0.0000052 J]	ND(0.00000024)	0.0000013 J	ND(0.00000024)	NS
TCDDs (total)		0.000033 [0.000040]	0.00000038	0.000020	0.00000024	NS
1,2,3,7,8-PeCDD		ND(0.000013) X [ND(0.000012) X]	ND(0.00000030) X	ND(0.0000026) X	ND(0.00000060)	NS
PeCDDs (total)		0.000013 J [0.000024 QJ]	0.00000078	0.000019	0.00000036	NS
1,2,3,4,7,8-HxCDD		0.000013 J [0.000010 J]	ND(0.00000061)	0.0000013 J	ND(0.00000060)	NS
1,2,3,6,7,8-HxCDD		0.000022 J [0.000016 J]	ND(0.00000061)	0.0000020 J	ND(0.00000060)	NS
1,2,3,7,8,9-HxCDD		0.000011 J [0.0000086 J]	ND(0.00000061)	0.0000015 J	ND(0.00000060)	NS
HxCDDs (total)		0.00020 [0.00016]	0.00000049	0.000025	ND(0.00000060)	NS
1,2,3,4,6,7,8-HpCDD		0.00013 [0.00011]	0.00000094 J	0.000019	0.0000011 J	NS
HpCDDs (total)		0.00025 [0.00021]	0.0000018	0.000035	0.0000018	NS
OCDD		0.00045 [0.00042]	ND(0.0000046)	0.00018	0.000012	NS
Total TEQs (WHO TEFs)		0.00095 [0.00085]	0.0000027	0.000051	0.0000016	NS
Inorganics						
Antimony		6.00 [6.40]	NS	1.20 B	1.30 B	NS
Arsenic		3.50 [4.00]	NS	9.70	6.00	NS
Barium		32.0 [29.0]	NS	72.0	28.0	NS
Beryllium		ND(0.500) [ND(0.500)]	NS	0.570	ND(0.500)	NS
Cadmium		0.660 [0.890]	NS	0.180 B	ND(0.500)	NS
Chromium		15.0 J [16.0 J]	NS	31.0	7.70	NS
Cobalt		5.30 [7.60]	NS	11.0	9.70	NS
Copper		71.0 J [67.0 J]	NS	30.0	21.0	NS
Cyanide		0.150 [0.0960 B]	NS	0.160	ND(0.230)	NS
Lead		62.0 [60.0]	NS	38.0	10.0	NS
Mercury		3.90 [4.10]	NS	0.610	ND(0.110)	NS
Nickel		13.0 [22.0]	NS	16.0	13.0	NS
Selenium		ND(1.00) [ND(1.00)]	NS	ND(1.00)	ND(1.00)	NS
Silver		ND(1.00) [ND(1.00)]	NS	ND(1.00)	ND(1.00)	NS
Sulfide		17.0 J [17.0 J]	NS	33.0	33.0	NS
Thallium		ND(1.60) [ND(1.60)]	NS	ND(1.30) J	ND(1.10) J	NS
Tin		ND(10.0) [ND(10.0)]	NS	ND(10.0)	ND(10.0)	NS
Vanadium		11.0 [16.0]	NS	22.0	7.10	NS
Zinc		140 [150]	NS	84.0	45.0	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	Averaging Area:	4B	4B	4B	4B	4B	4B
	Sample ID:	RAA4-F35	RAA4-F35	RAA4-G21	RAA4-G27	RAA4-G31	RAA4-G33
	Sample Depth(Feet):	6-15	8-10	1-6	0-1	0-1	6-8
	Date Collected:	05/28/02	05/28/02	06/18/02	05/22/02	06/24/02	06/20/02
Volatile Organics							
1,1,1,2-Tetrachloroethane		NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058)
1,1,1-Trichloroethane		NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058)
1,1,2,2-Tetrachloroethane		NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058)
1,1,2-Trichloroethane		NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058)
1,1-Dichloroethane		NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058)
1,1-Dichloroethene		NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058)
1,2,3-Trichloropropane		NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058)
1,2-Dibromo-3-chloropropane		NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058)
1,2-Dibromoethane		NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058)
1,2-Dichloroethane		NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058)
1,2-Dichloropropane		NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058)
1,4-Dioxane		NS	ND(0.12) J	NS	ND(0.11) J	ND(0.12) J	ND(0.12) J
2-Butanone		NS	ND(0.012)	NS	ND(0.011)	ND(0.012)	ND(0.012)
2-Chloro-1,3-butadiene		NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058)
2-Chloroethylvinylether		NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058)
2-Hexanone		NS	ND(0.012)	NS	ND(0.011)	ND(0.012)	ND(0.012)
3-Chloropropene		NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058)
4-Methyl-2-pentanone		NS	ND(0.012)	NS	ND(0.011)	ND(0.012)	ND(0.012)
Acetone		NS	ND(0.023)	NS	ND(0.022)	ND(0.024)	ND(0.023)
Acetonitrile		NS	ND(0.12)	NS	ND(0.11) J	ND(0.12)	ND(0.12)
Acrolein		NS	ND(0.12) J	NS	ND(0.11) J	ND(0.12) J	ND(0.12) J
Acrylonitrile		NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058)
Benzene		NS	ND(0.00580)	NS	ND(0.00560)	ND(0.00610)	ND(0.00580)
Bromodichloromethane		NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058)
Bromoform		NS	ND(0.0058) J	NS	ND(0.0056)	ND(0.0061)	ND(0.0058)
Bromomethane		NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058)
Carbon Disulfide		NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058)
Carbon Tetrachloride		NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058)
Chlorobenzene		NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058)
Chloroethane		NS	ND(0.0058) J	NS	ND(0.0056) J	ND(0.0061)	ND(0.0058)
Chloroform		NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058)
Chloromethane		NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058)
cis-1,3-Dichloropropene		NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058)
Dibromochloromethane		NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058)
Dibromomethane		NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058)
Dichlorodifluoromethane		NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058)
Ethyl Methacrylate		NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058)
Ethylbenzene		NS	ND(0.00580)	NS	ND(0.00560)	ND(0.00610)	ND(0.00580)
Iodomethane		NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058)
Isobutanol		NS	ND(0.12) J	NS	ND(0.11)	ND(0.12)	ND(0.12)
Methacrylonitrile		NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058)
Methyl Methacrylate		NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058)
Methylene Chloride		NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058)
Propionitrile		NS	ND(0.012)	NS	ND(0.011)	ND(0.012)	ND(0.012)
Styrene		NS	ND(0.00580)	NS	ND(0.00560)	ND(0.00610)	ND(0.00580)
Tetrachloroethene		NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058)
Toluene		NS	ND(0.00580)	NS	0.00400 J	ND(0.00610)	ND(0.00580)
trans-1,2-Dichloroethene		NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058)
trans-1,3-Dichloropropene		NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058)
trans-1,4-Dichloro-2-butene		NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058)
Trichloroethene		NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058)
Trichlorofluoromethane		NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058)
Vinyl Acetate		NS	ND(0.0058) J	NS	ND(0.0056)	ND(0.0061)	ND(0.0058)
Vinyl Chloride		NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058)
Xylenes (total)		NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Averaging Area:	4B	4B	4B	4B	4B	4B
Sample ID:	RAA4-F35	RAA4-F35	RAA4-G21	RAA4-G27	RAA4-G31	RAA4-G33
Sample Depth(Feet):	6-15	6-10	1-6	0-1	0-1	6-8
Date Collected:	05/28/02	05/28/02	06/18/02	05/22/02	06/24/02	06/20/02
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
1,2,4-Trichlorobenzene	ND(0.390)	NS	NS	2.00	ND(0.410)	NS
1,2-Dichlorobenzene	ND(0.390)	NS	NS	1.00	ND(0.410)	NS
1,2-Diphenylhydrazine	ND(0.39)	NS	NS	ND(0.37)	ND(0.41)	NS
1,3,5-Trinitrobenzene	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
1,3-Dichlorobenzene	ND(0.390)	NS	NS	0.420	ND(0.410)	NS
1,3-Dinitrobenzene	ND(0.780)	NS	NS	ND(0.750)	ND(0.820)	NS
1,4-Dichlorobenzene	ND(0.390)	NS	NS	2.50	ND(0.410)	NS
1,4-Naphthoquinone	ND(0.780)	NS	NS	ND(0.750)	ND(0.820)	NS
1-Naphthylamine	ND(0.780)	NS	NS	ND(0.750)	ND(0.820)	NS
2,3,4,6-Tetrachlorophenol	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
2,4,5-Trichlorophenol	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
2,4,6-Trichlorophenol	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
2,4-Dichlorophenol	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
2,4-Dimethylphenol	ND(0.390)	NS	NS	0.370 J	ND(0.410)	NS
2,4-Dinitrophenol	ND(2.00)	NS	NS	ND(1.90)	ND(2.10)	NS
2,4-Dinitrotoluene	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
2,6-Dichlorophenol	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
2,6-Dinitrotoluene	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
2-Acetylaminofluorene	ND(0.780)	NS	NS	ND(0.750)	ND(0.820)	NS
2-Chloronaphthalene	ND(0.390)	NS	NS	0.0770 J	ND(0.410)	NS
2-Chlorophenol	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
2-Methylnaphthalene	0.160 J	NS	NS	ND(0.370)	ND(0.410)	NS
2-Methylphenol	ND(0.390)	NS	NS	0.590	ND(0.410)	NS
2-Naphthylamine	ND(0.780)	NS	NS	ND(0.750)	ND(0.820)	NS
2-Nitroaniline	ND(2.00)	NS	NS	ND(1.90)	ND(2.10)	NS
2-Nitrophenol	ND(0.780)	NS	NS	ND(0.750)	ND(0.820)	NS
2-Picoline	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
3&4-Methylphenol	ND(0.780)	NS	NS	0.500 J	ND(0.820)	NS
3,3'-Dichlorobenzidine	ND(0.78) J	NS	NS	ND(0.750)	ND(0.820)	NS
3,3'-Dimethylbenzidine	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
3-Methylcholanthrene	ND(0.780)	NS	NS	ND(0.750)	ND(0.820)	NS
3-Nitroaniline	ND(2.00)	NS	NS	ND(1.90)	ND(2.10)	NS
4,6-Dinitro-2-methylphenol	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
4-Aminobiphenyl	ND(0.780)	NS	NS	ND(0.750)	ND(0.820)	NS
4-Bromophenyl-phenylether	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
4-Chloro-3-Methylphenol	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
4-Chloroaniline	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
4-Chlorobenzilate	ND(0.780)	NS	NS	ND(0.750)	ND(0.820)	NS
4-Chlorophenyl-phenylether	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
4-Nitroaniline	ND(2.00)	NS	NS	ND(1.90)	ND(2.10)	NS
4-Nitrophenol	ND(2.00)	NS	NS	ND(1.90)	ND(2.10)	NS
4-Nitroquinoline-1-oxide	ND(0.780)	NS	NS	ND(0.750)	ND(0.820)	NS
4-Phenylenediamine	ND(0.78) J	NS	NS	ND(0.75) J	ND(0.82) J	NS
5-Nitro-o-toluidine	ND(0.780)	NS	NS	ND(0.750)	ND(0.820)	NS
7,12-Dimethylbenz(a)anthracene	ND(0.780)	NS	NS	ND(0.750)	ND(0.820)	NS
a,a'-Dimethylphenethylamine	ND(0.780)	NS	NS	ND(0.750)	ND(0.820)	NS
Acenaphthene	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
Acenaphthylene	0.800	NS	NS	0.0810 J	ND(0.410)	NS
Acetophenone	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
Aniline	ND(0.390)	NS	NS	14.0	ND(0.410)	NS
Anthracene	0.240 J	NS	NS	0.150 J	ND(0.410)	NS
Aramite	ND(0.780)	NS	NS	ND(0.750)	ND(0.820)	NS
Benzidine	ND(0.78) J	NS	NS	ND(0.75)	ND(0.82) J	NS
Benzo(a)anthracene	0.430	NS	NS	0.460	0.110 J	NS
Benzo(a)pyrene	0.900	NS	NS	0.690	0.130 J	NS
Benzo(b)fluoranthene	0.440	NS	NS	0.670	0.210 J	NS
Benzo(g,h,i)perylene	1.20	NS	NS	0.930	ND(0.410)	NS
Benzo(k)fluoranthene	0.470	NS	NS	0.600	ND(0.410)	NS
Benzyl Alcohol	ND(0.780)	NS	NS	ND(0.750)	ND(0.820)	NS
bis(2-Chloroethoxy)methane	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
bis(2-Chloroethyl)ether	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
bis(2-Chloroisopropyl)ether	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Averaging Area:	4B	4B	4B	4B	4B	4B
Sample ID:	RAA4-F35	RAA4-F35	RAA4-G21	RAA4-G27	RAA4-G31	RAA4-G33
Sample Depth(Feet):	6-15	8-10	1-6	0-1	0-1	6-8
Parameter / Date Collected:	05/28/02	05/28/02	06/18/02	05/22/02	06/24/02	06/20/02
Semivolatile Organics (continued)						
bis(2-Ethylhexyl)phthalate	ND(0.380)	NS	NS	1.80	ND(0.400)	NS
Butylbenzylphthalate	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
Chrysene	0.490	NS	NS	0.470	0.150 J	NS
Diallate	ND(0.780)	NS	NS	ND(0.750)	ND(0.820)	NS
Dibenzo(a,h)anthracene	ND(0.390)	NS	NS	0.240 J	ND(0.410)	NS
Dibenzofuran	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
Diethylphthalate	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
Dimethylphthalate	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
Di-n-Butylphthalate	ND(0.390)	NS	NS	1.20	ND(0.410)	NS
Di-n-Octylphthalate	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
Diphenylamine	ND(0.39)	NS	NS	0.11 J	ND(0.41)	NS
Ethyl Methanesulfonate	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
Fluoranthene	0.560	NS	NS	0.710	0.240 J	NS
Fluorene	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
Hexachlorobenzene	ND(0.390)	NS	NS	0.150 J	ND(0.410)	NS
Hexachlorobutadiene	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
Hexachlorocyclopentadiene	ND(0.39) J	NS	NS	ND(0.370)	ND(0.410)	NS
Hexachloroethane	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
Hexachlorophene	ND(0.78)	NS	NS	ND(0.75)	ND(0.82)	NS
Hexachloropropene	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
Indeno(1,2,3-cd)pyrene	0.760	NS	NS	0.840	ND(0.410)	NS
Isodrin	ND(0.39)	NS	NS	ND(0.37)	ND(0.41)	NS
Isophorone	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
Isosafrole	ND(0.780)	NS	NS	ND(0.750)	ND(0.820)	NS
Methapyrilene	ND(0.780)	NS	NS	ND(0.750)	ND(0.820)	NS
Methyl Methanesulfonate	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
Naphthalene	0.370 J	NS	NS	0.0800 J	ND(0.410)	NS
Nitrobenzene	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
N-Nitrosodiethylamine	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
N-Nitrosodimethylamine	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
N-Nitroso-di-n-butylamine	ND(0.780)	NS	NS	ND(0.750)	ND(0.820)	NS
N-Nitroso-di-n-propylamine	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
N-Nitrosodiphenylamine	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
N-Nitrosomethylethylamine	ND(0.780)	NS	NS	ND(0.750)	ND(0.820)	NS
N-Nitrosomorpholine	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
N-Nitrosopiperidine	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
N-Nitrosopyrrolidine	ND(0.780)	NS	NS	ND(0.750)	ND(0.820)	NS
o,o,o-Triethylphosphorothioate	ND(0.39)	NS	NS	ND(0.37)	ND(0.41)	NS
o-Toluidine	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
p-Dimethylaminoazobenzene	ND(0.780)	NS	NS	ND(0.750)	ND(0.820)	NS
Pentachlorobenzene	ND(0.390)	NS	NS	1.50	ND(0.410)	NS
Pentachloroethane	ND(0.39)	NS	NS	ND(0.37)	ND(0.41)	NS
Pentachloronitrobenzene	ND(0.780)	NS	NS	ND(0.750)	ND(0.820)	NS
Pentachlorophenol	ND(2.00)	NS	NS	ND(1.90)	ND(2.10)	NS
Phenacetin	ND(0.780)	NS	NS	ND(0.750)	ND(0.820)	NS
Phenanthrene	0.400	NS	NS	0.390	0.180 J	NS
Phenol	ND(0.390)	NS	NS	2.10	ND(0.410)	NS
Pronamide	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
Pyrene	0.860	NS	NS	0.600	0.320 J	NS
Pyridine	ND(0.390)	NS	NS	0.410	ND(0.410)	NS
Safrole	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
Thionazin	ND(0.39)	NS	NS	ND(0.37)	ND(0.41)	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-F35 6-15 05/28/02	4B RAA4-F35 8-10 05/28/02	4B RAA4-G21 1-6 06/18/02	4B RAA4-G27 0-1 05/22/02	4B RAA4-G31 0-1 06/24/02	4B RAA4-G33 6-8 06/20/02
Furans							
2,3,7,8-TCDF		ND(0.00000026)	NS	0.00011 YQ	0.00012	0.00025 Y	NS
TCDFs (total)		ND(0.00000026)	NS	0.00059	0.00096	0.0021	NS
1,2,3,7,8-PeCDF		ND(0.00000064)	NS	0.000044	0.00010	0.000098	NS
2,3,4,7,8-PeCDF		ND(0.00000064)	NS	0.00019	0.00030	0.000097	NS
PeCDFs (total)		ND(0.00000064)	NS	0.0017 QI	0.0022	0.00094 I	NS
1,2,3,4,7,8-HxCDF		ND(0.00000064)	NS	0.00025	0.00061	0.000095	NS
1,2,3,6,7,8-HxCDF		ND(0.00000064)	NS	0.00011	0.00018	0.000054	NS
1,2,3,7,8,9-HxCDF		ND(0.00000064)	NS	0.000048	0.00013	0.000011	NS
2,3,4,6,7,8-HxCDF		ND(0.00000064)	NS	0.00044	0.00023	0.000053	NS
HxCDFs (total)		ND(0.00000064)	NS	0.0055	0.0030	0.00070	NS
1,2,3,4,6,7,8-HpCDF		ND(0.00000015) X	NS	0.00046	0.00059	0.00011	NS
1,2,3,4,7,8,9-HpCDF		ND(0.00000064)	NS	0.00011 J	0.00022	0.000013	NS
HpCDFs (total)		ND(0.00000064)	NS	0.0012	0.0016	0.00019	NS
OCDF		ND(0.0000013)	NS	0.00064	0.0022	0.000082	NS
Dioxins							
2,3,7,8-TCDD		ND(0.00000026)	NS	0.0000055	ND(0.0000016) X	0.0000016	NS
TCDDs (total)		ND(0.00000048)	NS	0.000022	0.000015	0.000049	NS
1,2,3,7,8-PeCDD		ND(0.00000064)	NS	0.000016	ND(0.000037) X	ND(0.0000033) X	NS
PeCDDs (total)		ND(0.00000064)	NS	0.00012 Q	0.000023	0.000040	NS
1,2,3,4,7,8-HxCDD		ND(0.00000064)	NS	0.000026	ND(0.0000045) X	0.0000023 J	NS
1,2,3,6,7,8-HxCDD		ND(0.00000064)	NS	0.000033	0.0000081 J	0.0000032	NS
1,2,3,7,8,9-HxCDD		ND(0.00000064)	NS	0.000025	ND(0.0000053) X	0.0000024 J	NS
HxCDDs (total)		ND(0.00000064)	NS	0.00044	0.000079	0.000044	NS
1,2,3,4,6,7,8-HpCDD		0.00000028 J	NS	0.00025	0.00012	0.000020	NS
HpCDDs (total)		0.00000028	NS	0.00049	0.00023	0.000041	NS
OCDD		ND(0.0000018)	NS	0.0013	0.00073	0.000080	NS
Total TEQs (WHO TEFs)		0.00000087	NS	0.00023	0.00031	0.00011	NS
Inorganics							
Antimony		1.00 B	NS	NS	ND(6.00)	1.10 B	NS
Arsenic		3.20	NS	NS	11.0	11.0	NS
Barium		22.0	NS	NS	47.0	48.0	NS
Beryllium		ND(0.500)	NS	NS	ND(0.500)	ND(0.500)	NS
Cadmium		0.120 B	NS	NS	0.700	ND(0.500)	NS
Chromium		7.20	NS	NS	94.0 J	7.90	NS
Cobalt		6.80	NS	NS	6.80	ND(5.00)	NS
Copper		9.30	NS	NS	130 J	34.0	NS
Cyanide		ND(0.230)	NS	NS	0.250	0.270	NS
Lead		4.50	NS	NS	410	49.0	NS
Mercury		ND(0.120)	NS	NS	5.50	0.350	NS
Nickel		9.80	NS	NS	36.0	8.80	NS
Selenium		ND(1.00)	NS	NS	ND(1.00)	ND(1.00)	NS
Silver		ND(1.00)	NS	NS	ND(1.00)	ND(1.00)	NS
Sulfide		39.0	NS	NS	47.0 J	24.0	NS
Thallium		ND(1.20) J	NS	NS	ND(1.70)	ND(1.80)	NS
Tin		ND(3.60)	NS	NS	ND(12.0)	ND(10.0)	NS
Vanadium		7.90	NS	NS	37.0	19.0	NS
Zinc		50.0	NS	NS	230	66.0	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B / RAA4-G33 / 6-15 / 06/20/02	4B / RAA4-G34 / 0-1 / 06/24/02	4B / RAA4-H17 / 0-1 / 06/14/02	4B / RAA4-H17 / 1-6 / 06/14/02	4B / RAA4-H21 / 0-1 / 06/04/02	4B / RAA4-H27 / 0-1 / 04/24/02
Volatile Organics							
1,1,1,2-Tetrachloroethane		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
1,1,1-Trichloroethane		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	0.0038 J
1,1,2,2-Tetrachloroethane		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
1,1,2-Trichloroethane		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
1,1-Dichloroethane		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	0.039
1,1-Dichloroethene		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
1,2,3-Trichloropropane		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
1,2-Dibromo-3-chloropropane		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
1,2-Dibromoethane		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
1,2-Dichloroethane		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	0.0049 J
1,2-Dichloropropane		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
1,4-Dioxane		NS	ND(0.13) J	ND(0.11) J	NS	ND(0.12) J	ND(0.12) J
2-Butanone		NS	ND(0.013)	ND(0.011)	NS	ND(0.012)	ND(0.012)
2-Chloro-1,3-butadiene		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
2-Chloroethylvinylether		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
2-Hexanone		NS	ND(0.013)	ND(0.011)	NS	ND(0.012)	ND(0.012)
3-Chloropropene		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
4-Methyl-2-pentanone		NS	ND(0.013)	ND(0.011)	NS	ND(0.012)	ND(0.012)
Acetone		NS	ND(0.026)	ND(0.022)	NS	ND(0.024)	0.013 J
Acetonitrile		NS	ND(0.13)	ND(0.11)	NS	ND(0.12) J	ND(0.12)
Acrolein		NS	ND(0.13) J	ND(0.11) J	NS	ND(0.12) J	ND(0.12) J
Acrylonitrile		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
Benzene		NS	ND(0.00650)	ND(0.00550)	NS	ND(0.00590)	ND(0.00600)
Bromodichloromethane		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
Bromoform		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059) J	ND(0.0060)
Bromomethane		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
Carbon Disulfide		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
Carbon Tetrachloride		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
Chlorobenzene		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
Chloroethane		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059) J	ND(0.0060)
Chloroform		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
Chloromethane		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
cis-1,3-Dichloropropene		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
Dibromochloromethane		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
Dibromomethane		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
Dichlorodifluoromethane		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
Ethyl Methacrylate		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
Ethylbenzene		NS	ND(0.00650)	ND(0.00550)	NS	ND(0.00590)	ND(0.00600)
Iodomethane		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
Isobutanol		NS	ND(0.13)	ND(0.11) J	NS	ND(0.12)	ND(0.12)
Methacrylonitrile		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
Methyl Methacrylate		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
Methylene Chloride		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
Propionitrile		NS	ND(0.013)	ND(0.011)	NS	ND(0.012)	ND(0.012)
Styrene		NS	ND(0.00650)	ND(0.00550)	NS	ND(0.00590)	ND(0.00600)
Tetrachloroethene		NS	ND(0.0065)	ND(0.0055)	NS	0.082	ND(0.0060)
Toluene		NS	ND(0.00650)	ND(0.00550)	NS	ND(0.00590)	ND(0.00600)
trans-1,2-Dichloroethene		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
trans-1,3-Dichloropropene		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
trans-1,4-Dichloro-2-butene		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
Trichloroethene		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	0.0081
Trichlorofluoromethane		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
Vinyl Acetate		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
Vinyl Chloride		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
Xylenes (total)		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-G33 6-15 06/20/02	4B RAA4-G34 0-1 06/24/02	4B RAA4-H17 0-1 06/14/02	4B RAA4-H17 1-6 06/14/02	4B RAA4-H21 0-1 06/04/02	4B RAA4-H27 0-1 04/24/02
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
1,2,4-Trichlorobenzene		ND(0.390)	ND(0.430)	0.920	NS	ND(0.470)	NS
1,2-Dichlorobenzene		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
1,2-Diphenylhydrazine		ND(0.39)	ND(0.43)	ND(0.36)	NS	ND(0.47)	NS
1,3,5-Trinitrobenzene		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
1,3-Dichlorobenzene		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
1,3-Dinitrobenzene		ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0.790)	NS
1,4-Dichlorobenzene		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
1,4-Naphthoquinone		ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0.790)	NS
1-Naphthylamine		ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0.790)	NS
2,3,4,6-Tetrachlorophenol		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
2,4,5-Trichlorophenol		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
2,4,6-Trichlorophenol		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
2,4-Dichlorophenol		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
2,4-Dimethylphenol		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
2,4-Dinitrophenol		ND(2.00)	ND(2.20)	ND(1.90)	NS	ND(2.40)	NS
2,4-Dinitrotoluene		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
2,6-Dichlorophenol		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
2,6-Dinitrotoluene		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
2-Acetylaminofluorene		ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0.790)	NS
2-Chloronaphthalene		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
2-Chlorophenol		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
2-Methylnaphthalene		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
2-Methylphenol		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
2-Naphthylamine		ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0.790)	NS
2-Nitroaniline		ND(2.00)	ND(2.20)	ND(1.90)	NS	ND(2.40)	NS
2-Nitrophenol		ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0.790)	NS
2-Picoline		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
3&4-Methylphenol		ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0.790)	NS
3,3'-Dichlorobenzidine		ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0.950)	NS
3,3'-Dimethylbenzidine		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
3-Methylcholanthrene		ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0.790)	NS
3-Nitroaniline		ND(2.00)	ND(2.20)	ND(1.90)	NS	ND(2.40)	NS
4,6-Dinitro-2-methylphenol		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
4-Aminobiphenyl		ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0.790)	NS
4-Bromophenyl-phenylether		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
4-Chloro-3-Methylphenol		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
4-Chloroaniline		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
4-Chlorobenzilate		ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0.790)	NS
4-Chlorophenyl-phenylether		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
4-Nitroaniline		ND(2.00)	ND(2.20)	ND(1.90)	NS	ND(2.00)	NS
4-Nitrophenol		ND(2.00)	ND(2.20)	ND(1.90)	NS	ND(2.40)	NS
4-Nitroquinoline-1-oxide		ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0.790)	NS
4-Phenylenediamine		ND(0.78) J	ND(0.87) J	ND(0.73) J	NS	ND(0.79) J	NS
5-Nitro-o-toluidine		ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0.790)	NS
7,12-Dimethylbenz(a)anthracene		ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0.790)	NS
a,a'-Dimethylphenethylamine		ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0.790)	NS
Acenaphthene		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
Acenaphthylene		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
Acetophenone		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
Aniline		ND(0.390)	ND(0.430)	0.170 J	NS	ND(0.470)	NS
Anthracene		ND(0.390)	ND(0.430)	0.160 J	NS	ND(0.470)	NS
Aramite		ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0.790)	NS
Benzidine		ND(0.78) J	ND(0.87) J	ND(0.73)	NS	ND(0.95)	NS
Benzo(a)anthracene		ND(0.390)	0.0840 J	0.760	NS	0.240 J	NS
Benzo(a)pyrene		ND(0.390)	ND(0.430)	0.880	NS	0.240 J	NS
Benzo(b)fluoranthene		ND(0.390)	ND(0.430)	1.10	NS	0.230 J	NS
Benzo(g,h,i)perylene		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
Benzo(k)fluoranthene		ND(0.390)	ND(0.430)	0.690	NS	0.240 J	NS
Benzyl Alcohol		ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0.95) J	NS
bis(2-Chloroethoxy)methane		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
bis(2-Chloroethyl)ether		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
bis(2-Chloroisopropyl)ether		ND(0.390)	ND(0.430)	ND(0.36) J	NS	ND(0.470)	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-G33 6-15 06/20/02	4B RAA4-G34 0-1 06/24/02	4B RAA4-H17 0-1 06/14/02	4B RAA4-H17 1-6 06/14/02	4B RAA4-H21 0-1 06/04/02	4B RAA4-H27 0-1 04/24/02
Semivolatile Organics (continued)							
bis(2-Ethylhexyl)phthalate		ND(0.380)	ND(0.430)	ND(0.360)	NS	ND(0.390)	NS
Butylbenzylphthalate		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
Chrysene		ND(0.390)	0.0940 J	0.830	NS	0.290 J	NS
Diallate		ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0.790)	NS
Dibenzo(a,h)anthracene		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
Dibenzofuran		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
Diethylphthalate		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
Dimethylphthalate		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
Di-n-Butylphthalate		ND(0.390)	ND(0.430)	ND(0.360)	NS	0.350 J	NS
Di-n-Octylphthalate		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
Diphenylamine		ND(0.39)	ND(0.43)	ND(0.36)	NS	ND(0.47)	NS
Ethyl Methanesulfonate		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
Fluoranthene		ND(0.390)	0.220 J	0.990	NS	0.650	NS
Fluorene		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
Hexachlorobenzene		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
Hexachlorobutadiene		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
Hexachlorocyclopentadiene		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
Hexachloroethane		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
Hexachlorophene		ND(0.78)	ND(0.87)	ND(0.73)	NS	ND(0.95)	NS
Hexachloropropene		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
Indeno(1,2,3-cd)pyrene		ND(0.390)	ND(0.430)	0.620	NS	ND(0.470)	NS
Isodrin		ND(0.39)	ND(0.43)	ND(0.36)	NS	ND(0.47)	NS
Isophorone		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
Isosafrole		ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0.790)	NS
Methapyriiene		ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0.790)	NS
Methyl Methanesulfonate		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
Naphthalene		ND(0.390)	ND(0.430)	0.0740 J	NS	ND(0.470)	NS
Nitrobenzene		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
N-Nitrosodiethylamine		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
N-Nitrosodimethylamine		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
N-Nitroso-di-n-butylamine		ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0.790)	NS
N-Nitroso-di-n-propylamine		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
N-Nitrosodiphenylamine		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
N-Nitrosomethylethylamine		ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0.790)	NS
N-Nitrosomorpholine		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
N-Nitrosopiperidine		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
N-Nitrosopyrrolidine		ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0.790)	NS
o,o,o-Triethylphosphorothioate		ND(0.39)	ND(0.43)	ND(0.36)	NS	ND(0.47)	NS
o-Toluidine		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
p-Dimethylaminoazobenzene		ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0.790)	NS
Pentachlorobenzene		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
Pentachloroethane		ND(0.39)	ND(0.43)	ND(0.36)	NS	ND(0.47)	NS
Pentachloronitrobenzene		ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0.790)	NS
Pentachlorophenol		ND(2.00)	ND(2.20)	ND(1.90)	NS	ND(2.40)	NS
Phenacetin		ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0.790)	NS
Phenanthrene		ND(0.390)	0.170 J	0.730	NS	0.260 J	NS
Phenol		0.750	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
Pronamide		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
Pyrene		ND(0.390)	0.330 J	1.90	NS	0.49 J	NS
Pyridine		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
Safrole		ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
Thionazin		ND(0.39)	ND(0.43)	ND(0.36)	NS	ND(0.47)	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-G33 6-15 06/20/02	4B RAA4-G34 0-1 06/24/02	4B RAA4-H17 0-1 06/14/02	4B RAA4-H17 1-6 06/14/02	4B RAA4-H21 0-1 06/04/02	4B RAA4-H27 0-1 04/24/02
Furans							
2,3,7,8-TCDF		ND(0.00000044) X	0.00032 Y	0.00022 Y	0.0000043 Y	0.000027 Y	NS
TCDFs (total)		0.0000016	0.0025	0.0017 QI	0.000048 Q	0.00024 I	NS
1,2,3,7,8-PeCDF		0.00000015 J	0.000096	0.00016 Q	0.0000022 J	0.000012	NS
2,3,4,7,8-PeCDF		ND(0.00000019) X	0.00010	0.00028	0.0000072	0.000030	NS
PeCDFs (total)		0.00000092	0.0010 I	0.0027 QI	0.000092 QI	0.00048 QI	NS
1,2,3,4,7,8-HxCDF		0.00000017 J	0.000081	0.00039	0.0000051	0.000025	NS
1,2,3,6,7,8-HxCDF		ND(0.00000014) X	0.000044	0.00022	0.0000040	0.000019	NS
1,2,3,7,8,9-HxCDF		ND(0.00000024)	0.0000035	0.000074	0.0000010 J	0.0000043	NS
2,3,4,6,7,8-HxCDF		ND(0.00000011) X	0.000045	0.00019	0.0000068	0.000046	NS
HxCDFs (total)		0.00000079	0.00070	0.0025	0.000086	0.00061	NS
1,2,3,4,6,7,8-HpCDF		0.00000022 J	0.000096	0.00041	0.0000090	0.000060	NS
1,2,3,4,7,8,9-HpCDF		ND(0.00000024)	0.000012	0.00011	0.0000015 J	0.0000074	NS
HpCDFs (total)		0.00000064	0.00018	0.00082	0.000021	0.00014	NS
OCDF		0.00000071 J	0.000070	0.00036	0.0000079	0.000054	NS
Dioxins							
2,3,7,8-TCDD		ND(0.00000015)	0.0000021	ND(0.0000021)	ND(0.00000041)	0.00000084 J	NS
TCDDs (total)		ND(0.00000015)	0.000056	0.000052	0.0000027	0.0000052	NS
1,2,3,7,8-PeCDD		ND(0.00000024)	0.0000035	0.000013	ND(0.00000071) X	ND(0.0000024) X	NS
PeCDDs (total)		0.00000011	0.000046	0.00012 Q	0.0000060	0.0000072 Q	NS
1,2,3,4,7,8-HxCDD		ND(0.00000024)	0.0000020 J	0.000012	0.00000046 J	0.0000012 J	NS
1,2,3,6,7,8-HxCDD		ND(0.00000024)	0.0000030	0.000016	0.00000072 J	0.0000025 J	NS
1,2,3,7,8,9-HxCDD		ND(0.00000024)	0.0000023 J	0.000015	0.00000082 J	0.0000021 J	NS
HxCDDs (total)		0.00000010	0.000047	0.00023	0.000013	0.000029	NS
1,2,3,4,6,7,8-HpCDD		0.00000058 J	0.000023	0.000097	0.0000094	0.000027	NS
HpCDDs (total)		0.00000058	0.000049	0.00021	0.000022	0.000050	NS
OCDD		0.0000030 J	0.00011	0.00069	0.00030	0.00015	NS
Total TEQs (WHO TEFs)		0.00000036	0.00011	0.00028	0.0000068	0.000031	NS
Inorganics							
Antimony		ND(6.00)	ND(6.00)	7.80	NS	1.20 J	NS
Arsenic		4.80	14.0	46.0	NS	5.30 J	NS
Barium		22.0	76.0	71.0	NS	46.0 J	NS
Beryllium		ND(0.500)	ND(0.500)	ND(0.500) J	NS	ND(0.500) J	NS
Cadmium		ND(0.500) J	ND(0.500)	2.00	NS	0.610 J	NS
Chromium		8.90	11.0	51.0	NS	12.0 J	NS
Cobalt		8.90	5.40	11.0	NS	9.00 J	NS
Copper		21.0	53.0	680	NS	28.0	NS
Cyanide		ND(0.120)	0.300	0.190	NS	0.130	NS
Lead		7.60	78.0	290	NS	23.0	NS
Mercury		ND(0.120)	0.580	8.00	NS	1.10 J	NS
Nickel		16.0	15.0	50.0	NS	15.0	NS
Selenium		ND(1.00) J	0.910 B	ND(1.00) J	NS	0.640 J	NS
Silver		ND(1.00)	ND(1.00)	0.410 B	NS	ND(1.00)	NS
Sulfide		28.0	35.0	70.0	NS	9.50	NS
Thallium		ND(1.70) J	ND(1.90)	3.50 J	NS	ND(1.20)	NS
Tin		ND(10.0)	ND(10.0)	41.0	NS	ND(4.60)	NS
Vanadium		7.90	47.0	31.0	NS	14.0	NS
Zinc		43.0	96.0	440	NS	98.0 J	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-H27 1-6 10/18/02	4B RAA4-H27 4-6 10/18/02	4B RAA4-H29 0-1 05/22/02	4B RAA4-H31 1-6 06/20/02	4B RAA4-H31 4-6 06/20/02
Volatile Organics						
1,1,1,2-Tetrachloroethane		NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
1,1,1-Trichloroethane		NS	0.031	ND(0.0060)	NS	ND(0.0056)
1,1,2,2-Tetrachloroethane		NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
1,1,2-Trichloroethane		NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
1,1-Dichloroethane		NS	0.035 J	ND(0.0060)	NS	ND(0.0056)
1,1-Dichloroethene		NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
1,2,3-Trichloropropane		NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
1,2-Dibromo-3-chloropropane		NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
1,2-Dibromoethane		NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
1,2-Dichloroethane		NS	0.024	ND(0.0060)	NS	ND(0.0056)
1,2-Dichloropropane		NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
1,4-Dioxane		NS	ND(0.13)	ND(0.12) J	NS	ND(0.11) J
2-Butanone		NS	ND(0.013)	ND(0.012)	NS	ND(0.011)
2-Chloro-1,3-butadiene		NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
2-Chloroethylvinylether		NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
2-Hexanone		NS	ND(0.013)	ND(0.012)	NS	ND(0.011)
3-Chloropropene		NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
4-Methyl-2-pentanone		NS	ND(0.013)	ND(0.012)	NS	ND(0.011)
Acetone		NS	ND(0.027)	0.012 J	NS	ND(0.022)
Acetonitrile		NS	ND(0.13)	ND(0.12) J	NS	ND(0.11)
Acrolein		NS	ND(0.13) J	ND(0.12) J	NS	ND(0.11) J
Acrylonitrile		NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
Benzene		NS	ND(0.00670)	ND(0.00600)	NS	ND(0.00560)
Bromodichloromethane		NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
Bromoform		NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
Bromomethane		NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
Carbon Disulfide		NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
Carbon Tetrachloride		NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
Chlorobenzene		NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
Chloroethane		NS	ND(0.0067)	ND(0.0060) J	NS	ND(0.0056)
Chloroform		NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
Chloromethane		NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
cis-1,3-Dichloropropene		NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
Dibromochloromethane		NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
Dibromomethane		NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
Dichlorodifluoromethane		NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
Ethyl Methacrylate		NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
Ethylbenzene		NS	ND(0.00670)	ND(0.00600)	NS	ND(0.00560)
Iodomethane		NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
Isobutanol		NS	ND(0.13)	ND(0.12)	NS	ND(0.11)
Methacrylonitrile		NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
Methyl Methacrylate		NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
Methylene Chloride		NS	0.12 J	ND(0.0060)	NS	ND(0.0056)
Propionitrile		NS	ND(0.013)	ND(0.012)	NS	ND(0.011)
Styrene		NS	ND(0.00670)	ND(0.00600)	NS	ND(0.00560)
Tetrachloroethene		NS	0.028	ND(0.0060)	NS	ND(0.0056)
Toluene		NS	0.00400 J	ND(0.00600)	NS	ND(0.00560)
trans-1,2-Dichloroethene		NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
trans-1,3-Dichloropropene		NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
trans-1,4-Dichloro-2-butene		NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
Trichloroethene		NS	0.020	ND(0.0060)	NS	ND(0.0056)
Trichlorofluoromethane		NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
Vinyl Acetate		NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
Vinyl Chloride		NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
Xylenes (total)		NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-H27 1-6 10/18/02	4B RAA4-H27 4-6 10/18/02	4B RAA4-H29 0-1 05/22/02	4B RAA4-H31 1-6 06/20/02	4B RAA4-H31 4-6 06/20/02
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		0.99 J [1.7 J]	NS	0.240 J	ND(0.370)	NS
1,2,4-Trichlorobenzene		3.90 [5.90]	NS	0.780	ND(0.370)	NS
1,2-Dichlorobenzene		ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
1,2-Diphenylhydrazine		ND(0.44) [ND(0.46)]	NS	ND(0.40)	ND(0.37)	NS
1,3,5-Trinitrobenzene		ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
1,3-Dichlorobenzene		ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
1,3-Dinitrobenzene		ND(0.900) [ND(0.930)]	NS	ND(0.800)	ND(0.740)	NS
1,4-Dichlorobenzene		0.280 J [0.370 J]	NS	0.0860 J	ND(0.370)	NS
1,4-Naphthoquinone		ND(0.900) [ND(0.930)]	NS	ND(0.800)	ND(0.740)	NS
1-Naphthylamine		ND(0.900) [ND(0.930)]	NS	ND(0.800)	ND(0.740)	NS
2,3,4,6-Tetrachlorophenol		ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
2,4,5-Trichlorophenol		ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
2,4,6-Trichlorophenol		ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
2,4-Dichlorophenol		ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
2,4-Dimethylphenol		ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
2,4-Dinitrophenol		ND(2.30) [ND(2.40)]	NS	ND(2.00)	ND(1.90)	NS
2,4-Dinitrotoluene		ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
2,6-Dichlorophenol		ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
2,6-Dinitrotoluene		ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
2-Acetylaminofluorene		ND(0.900) [ND(0.930)]	NS	ND(0.800)	ND(0.740)	NS
2-Chloronaphthalene		ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
2-Chlorophenol		ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
2-Methylnaphthalene		0.41 J [0.87 J]	NS	ND(0.400)	ND(0.370)	NS
2-Methylphenol		ND(0.440) [0.160 J]	NS	ND(0.400)	ND(0.370)	NS
2-Naphthylamine		ND(0.900) [ND(0.930)]	NS	ND(0.800)	ND(0.740)	NS
2-Nitroaniline		ND(2.30) [ND(2.40)]	NS	ND(2.00)	ND(1.90)	NS
2-Nitrophenol		ND(0.900) [ND(0.930)]	NS	ND(0.800)	ND(0.740)	NS
2-Picoline		ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
3&4-Methylphenol		ND(0.900) [0.430 J]	NS	ND(0.800)	ND(0.740)	NS
3,3'-Dichlorobenzidine		ND(0.900) [ND(0.930)]	NS	ND(0.800)	ND(0.740)	NS
3,3'-Dimethylbenzidine		ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
3-Methylcholanthrene		ND(0.900) [ND(0.930)]	NS	ND(0.800)	ND(0.740)	NS
3-Nitroaniline		ND(2.30) [ND(2.40)]	NS	ND(2.00)	ND(1.90)	NS
4,6-Dinitro-2-methylphenol		ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
4-Aminobiphenyl		ND(0.900) [ND(0.930)]	NS	ND(0.800)	ND(0.740)	NS
4-Bromophenyl-phenylether		ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
4-Chloro-3-Methylphenol		ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
4-Chloroaniline		ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
4-Chlorobenzilate		ND(0.900) [ND(0.930)]	NS	ND(0.800)	ND(0.740)	NS
4-Chlorophenyl-phenylether		ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
4-Nitroaniline		ND(2.30) [ND(2.40)]	NS	ND(2.00)	ND(1.90)	NS
4-Nitrophenol		ND(2.3) J [ND(2.4) J]	NS	ND(2.00)	ND(1.90)	NS
4-Nitroquinoline-1-oxide		ND(0.900) [ND(0.930)]	NS	ND(0.800)	ND(0.740)	NS
4-Phenylenediamine		ND(0.90) J [ND(0.93) J]	NS	ND(0.80) J	ND(0.74) J	NS
5-Nitro-o-toluidine		ND(0.900) [ND(0.930)]	NS	ND(0.800)	ND(0.740)	NS
7,12-Dimethylbenz(a)anthracene		ND(0.900) [ND(0.930)]	NS	ND(0.800)	ND(0.740)	NS
a,a'-Dimethylphenethylamine		ND(0.900) [ND(0.930)]	NS	ND(0.800)	ND(0.740)	NS
Acenaphthene		0.670 [0.840]	NS	ND(0.400)	ND(0.370)	NS
Acenaphthylene		0.39 J [0.95 J]	NS	ND(0.400)	ND(0.370)	NS
Acetophenone		ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
Aniline		3.70 [4.40]	NS	0.670	ND(0.370)	NS
Anthracene		1.60 [2.30]	NS	ND(0.400)	ND(0.370)	NS
Aramite		ND(0.900) [ND(0.930)]	NS	ND(0.800)	ND(0.740)	NS
Benzidine		ND(0.90) J [ND(0.93) J]	NS	ND(0.80)	ND(0.74) J	NS
Benzo(a)anthracene		3.80 [5.80]	NS	0.180 J	ND(0.370)	NS
Benzo(a)pyrene		3.30 [4.70]	NS	0.210 J	ND(0.370)	NS
Benzo(b)fluoranthene		4.20 [4.90]	NS	0.240 J	ND(0.360)	NS
Benzo(g,h,i)perylene		1.80 [2.70]	NS	0.230 J	ND(0.370)	NS
Benzo(k)fluoranthene		1.40 [1.90]	NS	0.150 J	ND(0.370)	NS
Benzyl Alcohol		ND(0.900) [ND(0.930)]	NS	ND(0.800)	ND(0.740)	NS
bis(2-Chloroethoxy)methane		ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
bis(2-Chloroethyl)ether		ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
bis(2-Chloroisopropyl)ether		ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-H27 1-6 10/18/02	4B RAA4-H27 4-6 10/18/02	4B RAA4-H29 0-1 05/22/02	4B RAA4-H31 1-6 06/20/02	4B RAA4-H31 4-6 06/20/02
Semivolatile Organics (continued)						
bis(2-Ethylhexyl)phthalate		0.30 J [7.0 J]	NS	6.70	ND(0.370)	NS
Butylbenzylphthalate		ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
Chrysene		4.20 [6.40]	NS	0.160 J	ND(0.370)	NS
Diallate		ND(0.900) [ND(0.930)]	NS	ND(0.800)	ND(0.740)	NS
Dibenzo(a,h)anthracene		0.440 J [0.640]	NS	ND(0.400)	ND(0.370)	NS
Dibenzofuran		0.300 J [0.360 J]	NS	ND(0.400)	ND(0.370)	NS
Diethylphthalate		ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
Dimethylphthalate		ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
Di-n-Butylphthalate		ND(0.440) [ND(0.460)]	NS	0.510	ND(0.370)	NS
Di-n-Octylphthalate		ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
Diphenylamine		ND(0.44) [ND(0.46)]	NS	0.21 J	ND(0.37)	NS
Ethyl Methanesulfonate		ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
Fluoranthene		8.80 [12.0]	NS	0.210 J	ND(0.370)	NS
Fluorene		1.1 J [2.1 J]	NS	ND(0.400)	ND(0.370)	NS
Hexachlorobenzene		0.18 J [0.44 J]	NS	0.170 J	ND(0.370)	NS
Hexachlorobutadiene		ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
Hexachlorocyclopentadiene		ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
Hexachloroethane		ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
Hexachlorophene		ND(0.90) J [ND(0.93) J]	NS	ND(0.80)	ND(0.74)	NS
Hexachloropropene		ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
Indeno(1,2,3-cd)pyrene		1.40 [2.10]	NS	0.200 J	ND(0.370)	NS
Isodrin		ND(0.44) [ND(0.46)]	NS	ND(0.40)	ND(0.37)	NS
Isophorone		ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
Isosafrole		ND(0.900) [ND(0.930)]	NS	ND(0.800)	ND(0.740)	NS
Methapyrilene		ND(0.900) [ND(0.930)]	NS	ND(0.800)	ND(0.740)	NS
Methyl Methanesulfonate		ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
Naphthalene		0.490 [0.580]	NS	ND(0.400)	ND(0.370)	NS
Nitrobenzene		ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
N-Nitrosodiethylamine		ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
N-Nitrosodimethylamine		ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
N-Nitroso-di-n-butylamine		ND(0.900) [ND(0.930)]	NS	ND(0.800)	ND(0.740)	NS
N-Nitroso-di-n-propylamine		ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
N-Nitrosodiphenylamine		ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
N-Nitrosomethylethylamine		ND(0.900) [ND(0.930)]	NS	ND(0.800)	ND(0.740)	NS
N-Nitrosomorpholine		ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
N-Nitrosopiperidine		ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
N-Nitrosopyrrolidine		ND(0.900) [ND(0.930)]	NS	ND(0.800)	ND(0.740)	NS
o,o,o-Triethylphosphorothioate		ND(0.44) [ND(0.46)]	NS	ND(0.40)	ND(0.37)	NS
o-Toluidine		ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
p-Dimethylaminoazobenzene		ND(0.900) [ND(0.930)]	NS	ND(0.800)	ND(0.740)	NS
Pentachlorobenzene		4.3 J [9.2 J]	NS	1.20	ND(0.370)	NS
Pentachloroethane		ND(0.44) [ND(0.46)]	NS	ND(0.40)	ND(0.37)	NS
Pentachloronitrobenzene		ND(0.900) [ND(0.930)]	NS	ND(0.800)	ND(0.740)	NS
Pentachlorophenol		ND(2.30) [ND(2.40)]	NS	ND(2.00)	ND(1.90)	NS
Phenacetin		ND(0.900) [ND(0.930)]	NS	ND(0.800)	ND(0.740)	NS
Phenanthrene		10 J [17 J]	NS	0.170 J	ND(0.370)	NS
Phenol		0.340 J [0.360 J]	NS	0.700	ND(0.370)	NS
Pronamide		ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
Pyrene		13.0 [20.0]	NS	0.260 J	ND(0.370)	NS
Pyridine		ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
Safrole		ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
Thionazin		ND(0.44) [ND(0.46)]	NS	ND(0.40)	ND(0.37)	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-H27 1-6 10/18/02	4B RAA4-H27 4-6 10/18/02	4B RAA4-H29 0-1 05/22/02	4B RAA4-H31 1-6 06/20/02	4B RAA4-H31 4-6 06/20/02
Furans						
2,3,7,8-TCDF		0.0094 YEQIJ [0.0076 YEIJ]	NS	0.00069	0.00000055 J	NS
TCDFs (total)		0.050 QI [0.045 QI]	NS	0.0064	0.0000026	NS
1,2,3,7,8-PeCDF		0.0021 [0.0019]	NS	0.00063	0.00000020 J	NS
2,3,4,7,8-PeCDF		0.0063 [0.0060]	NS	0.0011	0.00000026 J	NS
PeCDFs (total)		0.056 QI [0.053 QI]	NS	0.0088	0.0000020	NS
1,2,3,4,7,8-HxCDF		0.0050 [0.0048]	NS	0.0020	ND(0.00000033) X	NS
1,2,3,6,7,8-HxCDF		0.0031 [0.0027]	NS	0.00094	ND(0.00000021) X	NS
1,2,3,7,8,9-HxCDF		0.00086 [0.00079]	NS	0.00027	ND(0.00000023)	NS
2,3,4,6,7,8-HxCDF		0.0054 [0.0056]	NS	0.00046	0.00000012 J	NS
HxCDFs (total)		0.065 I [0.069]	NS	0.0077	0.00000076	NS
1,2,3,4,6,7,8-HpCDF		0.0071 [0.0075]	NS	0.0017	0.00000041 J	NS
1,2,3,4,7,8,9-HpCDF		0.0017 [0.0016]	NS	0.00054	ND(0.00000023)	NS
HpCDFs (total)		0.018 [0.019]	NS	0.0037	0.00000041	NS
OCDF		0.0048 [0.0064]	NS	0.0049	0.00000070 J	NS
Dioxins						
2,3,7,8-TCDD		0.000052 [0.000056]	NS	0.0000062	ND(0.00000016)	NS
TCDDs (total)		0.00093 Q [0.00090]	NS	0.000099	ND(0.00000016)	NS
1,2,3,7,8-PeCDD		ND(0.00034) X [ND(0.00036) X]	NS	ND(0.000059) X	ND(0.00000023)	NS
PeCDDs (total)		0.0012 J [0.0026 J]	NS	0.00014	ND(0.00000023)	NS
1,2,3,4,7,8-HxCDD		0.00047 [0.00056]	NS	0.000013 J	ND(0.00000023)	NS
1,2,3,6,7,8-HxCDD		0.00050 [0.00062]	NS	0.000036	ND(0.00000023)	NS
1,2,3,7,8,9-HxCDD		0.00037 [0.00047]	NS	0.000023 J	ND(0.00000023)	NS
HxCDDs (total)		0.0065 [0.0077]	NS	0.00034	ND(0.00000023)	NS
1,2,3,4,6,7,8-HpCDD		0.0036 [0.0044]	NS	0.00071	ND(0.00000038) X	NS
HpCDDs (total)		0.0072 [0.0089]	NS	0.0013	0.00000027	NS
OCDD		0.010 [0.012]	NS	0.0049	0.0000022 J	NS
Total TEQs (WHO TEFs)		0.0061 [0.0058]	NS	0.0011	0.00000048	NS
Inorganics						
Antimony		12.0 [16.0]	NS	ND(6.00)	ND(6.00)	NS
Arsenic		14.0 [13.0]	NS	9.40	7.70	NS
Barium		240 [200]	NS	36.0	22.0	NS
Beryllium		ND(0.500) [ND(0.500)]	NS	ND(0.500)	ND(0.500)	NS
Cadmium		3.60 [4.50]	NS	ND(0.500)	ND(0.500) J	NS
Chromium		120 J [53 J]	NS	33.0 J	6.40	NS
Cobalt		23.0 [14.0]	NS	7.70	9.30	NS
Copper		3100 [5000]	NS	190 J	24.0	NS
Cyanide		ND(0.270) [0.19 J]	NS	ND(0.120)	ND(0.110)	NS
Lead		1600 [1900]	NS	180	7.70	NS
Mercury		7.40 [6.50]	NS	11.0	ND(0.110)	NS
Nickel		620 [490]	NS	31.0	15.0	NS
Selenium		ND(1.00) [ND(1.00)]	NS	0.590 B	ND(1.00) J	NS
Silver		0.660 B [ND(1.00)]	NS	ND(1.00)	ND(1.00)	NS
Sulfide		53.0 [78.0]	NS	19.0 J	30.0	NS
Thallium		ND(2.0) J [ND(2.1) J]	NS	ND(1.80)	ND(1.70) J	NS
Tin		64.0 [77.0]	NS	20.0 J	ND(10.0)	NS
Vanadium		3300 [2600]	NS	34.0	5.60	NS
Zinc		1100 J [1100 J]	NS	360	39.0	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Averaging Area:	4B	4B	4B	4B	4B
Sample ID:	RAA4-I19	RAA4-I19	RAA4-I21	RAA4-I23	RAA4-I23
Sample Depth(Feet):	6-15	13-15	0-1	0-1	6-15
Parameter Date Collected:	06/07/02	06/07/02	04/22/02	04/25/02	04/25/02
Volatile Organics					
1,1,1,2-Tetrachloroethane	NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
1,1,1-Trichloroethane	NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
1,1,2,2-Tetrachloroethane	NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
1,1,2-Trichloroethane	NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
1,1-Dichloroethane	NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
1,1-Dichloroethene	NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
1,2,3-Trichloropropane	NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
1,2-Dibromo-3-chloropropane	NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
1,2-Dibromoethane	NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
1,2-Dichloroethane	NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
1,2-Dichloropropane	NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
1,4-Dioxane	NS	ND(0.12) J	ND(0.12) J	ND(0.11) J	NS
2-Butanone	NS	ND(0.012)	ND(0.012)	ND(0.011)	NS
2-Chloro-1,3-butadiene	NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
2-Chloroethylvinylether	NS	ND(0.0058)	ND(0.0059)	ND(0.0057) J	NS
2-Hexanone	NS	ND(0.012)	ND(0.012)	ND(0.011)	NS
3-Chloropropene	NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
4-Methyl-2-pentanone	NS	ND(0.012)	ND(0.012)	ND(0.011)	NS
Acetone	NS	0.024	ND(0.023)	ND(0.023)	NS
Acetonitrile	NS	ND(0.12)	ND(0.12) J	ND(0.11) J	NS
Acrolein	NS	ND(0.12) J	ND(0.12) J	ND(0.11) J	NS
Acrylonitrile	NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
Benzene	NS	0.00350 J	ND(0.00590)	ND(0.00570)	NS
Bromodichloromethane	NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
Bromoform	NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
Bromomethane	NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
Carbon Disulfide	NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
Carbon Tetrachloride	NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
Chlorobenzene	NS	3.5	ND(0.0059)	ND(0.0057)	NS
Chloroethane	NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
Chloroform	NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
Chloromethane	NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
cis-1,3-Dichloropropene	NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
Dibromochloromethane	NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
Dibromomethane	NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
Dichlorodifluoromethane	NS	ND(0.0058)	ND(0.0059)	ND(0.0057) J	NS
Ethyl Methacrylate	NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
Ethylbenzene	NS	0.0120	ND(0.00590)	ND(0.00570)	NS
Iodomethane	NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
Isobutanol	NS	ND(0.12)	ND(0.12) J	ND(0.11)	NS
Methacrylonitrile	NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
Methyl Methacrylate	NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
Methylene Chloride	NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
Propionitrile	NS	ND(0.012)	ND(0.012)	ND(0.011)	NS
Styrene	NS	ND(0.00580)	ND(0.00590)	ND(0.00570)	NS
Tetrachloroethene	NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
Toluene	NS	ND(0.00580)	ND(0.00590)	ND(0.00570)	NS
trans-1,2-Dichloroethene	NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
trans-1,3-Dichloropropene	NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
trans-1,4-Dichloro-2-butene	NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
Trichloroethene	NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
Trichlorofluoromethane	NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
Vinyl Acetate	NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
Vinyl Chloride	NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
Xylenes (total)	NS	0.11	ND(0.0059)	0.020	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Averaging Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	4B RAA4-I19 6-15 06/07/02	4B RAA4-I19 13-15 06/07/02	4B RAA4-I21 0-1 04/22/02	4B RAA4-I23 0-1 04/25/02	4B RAA4-I23 6-15 04/25/02
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
1,2,4-Trichlorobenzene	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
1,2-Dichlorobenzene	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
1,2-Diphenylhydrazine	ND(0.37)	NS	ND(0.82)	ND(0.49)	ND(4.2) [ND(7.3)]
1,3,5-Trinitrobenzene	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
1,3-Dichlorobenzene	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
1,3-Dinitrobenzene	ND(0.740)	NS	ND(0.820)	ND(0.760)	ND(4.20) [ND(7.30)]
1,4-Dichlorobenzene	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
1,4-Naphthoquinone	ND(0.740)	NS	ND(0.820)	ND(0.760)	ND(4.20) [ND(7.30)]
1-Naphthylamine	ND(0.740)	NS	ND(0.820)	ND(0.760)	ND(4.20) [ND(7.30)]
2,3,4,6-Tetrachlorophenol	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
2,4,5-Trichlorophenol	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
2,4,6-Trichlorophenol	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
2,4-Dichlorophenol	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
2,4-Dimethylphenol	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
2,4-Dinitrophenol	ND(1.90)	NS	ND(4.10)	ND(2.40)	ND(21.0) [ND(36.0)]
2,4-Dinitrotoluene	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
2,6-Dichlorophenol	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
2,6-Dinitrotoluene	ND(0.370)	NS	ND(0.820)	ND(0.49) J	ND(4.2) J [ND(7.3) J]
2-Acetylaminofluorene	ND(0.740)	NS	ND(0.820)	ND(0.760)	ND(4.20) [ND(7.30)]
2-Chloronaphthalene	ND(0.370)	NS	ND(0.820)	ND(0.490)	12.0 [21.0]
2-Chlorophenol	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
2-Methylnaphthalene	1.70	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
2-Methylphenol	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [4.90 J]
2-Naphthylamine	ND(0.740)	NS	ND(0.820)	ND(0.760)	ND(4.20) [ND(7.30)]
2-Nitroaniline	ND(1.90)	NS	ND(4.10)	ND(2.40)	ND(21.0) [ND(36.0)]
2-Nitrophenol	ND(0.740)	NS	ND(0.820)	ND(0.760)	ND(4.20) [ND(7.30)]
2-Picoline	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
3&4-Methylphenol	ND(0.740)	NS	ND(0.820)	ND(0.760)	ND(4.20) [ND(7.30)]
3,3'-Dichlorobenzidine	ND(0.740)	NS	ND(1.60)	ND(0.980)	ND(8.40) [ND(14.0)]
3,3'-Dimethylbenzidine	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
3-Methylcholanthrene	ND(0.740)	NS	ND(0.820)	ND(0.760)	ND(4.20) [ND(7.30)]
3-Nitroaniline	ND(1.90)	NS	ND(4.10)	ND(2.40)	ND(21.0) [ND(36.0)]
4,6-Dinitro-2-methylphenol	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
4-Aminobiphenyl	ND(0.740)	NS	ND(0.820)	ND(0.760)	ND(4.20) [ND(7.30)]
4-Bromophenyl-phenylether	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
4-Chloro-3-Methylphenol	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
4-Chloroaniline	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
4-Chlorobenzilate	ND(0.740)	NS	ND(0.820)	ND(0.760)	ND(4.20) [ND(7.30)]
4-Chlorophenyl-phenylether	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
4-Nitroaniline	ND(1.9) J	NS	ND(2.00)	ND(1.90)	ND(4.20) [ND(7.30)]
4-Nitrophenol	ND(1.90)	NS	ND(4.10)	ND(2.40)	ND(21.0) [ND(36.0)]
4-Nitroquinoline-1-oxide	ND(0.740)	NS	ND(0.820)	ND(0.760)	ND(4.20) [ND(7.30)]
4-Phenylenediamine	ND(0.74) J	NS	ND(0.82) J	ND(0.76) J	ND(4.2) J [ND(7.3) J]
5-Nitro-o-toluidine	ND(0.740)	NS	ND(0.820)	ND(0.760)	ND(4.20) [ND(7.30)]
7,12-Dimethylbenz(a)anthracene	ND(0.740)	NS	ND(0.820)	ND(0.760)	ND(4.20) [ND(7.30)]
a,a'-Dimethylphenethylamine	ND(0.740)	NS	ND(0.820)	ND(0.760)	ND(4.20) [ND(7.30)]
Acenaphthene	2.60	NS	ND(0.820)	ND(0.490)	2.10 J [2.80 J]
Acenaphthylene	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
Acetophenone	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [2.00 J]
Aniline	ND(0.370)	NS	ND(0.820)	ND(0.490)	8.70 [13.0]
Anthracene	1.50	NS	ND(0.820)	0.120 J	0.860 J [ND(7.30)]
Aramite	ND(0.740)	NS	ND(0.820)	ND(0.760)	ND(4.20) [ND(7.30)]
Benzidine	ND(0.74) J	NS	ND(1.6)	ND(0.98)	ND(8.4) [ND(14)]
Benzo(a)anthracene	0.660	NS	0.190 J	0.610	ND(4.20) [1.60 J]
Benzo(a)pyrene	0.500	NS	ND(0.820)	0.640	ND(4.20) [ND(7.30)]
Benzo(b)fluoranthene	0.220 J	NS	ND(0.820)	0.490 J	ND(4.20) [ND(7.30)]
Benzo(g,h,i)perylene	ND(0.370)	NS	ND(0.820)	0.440 J	ND(4.20) [ND(7.30)]
Benzo(k)fluoranthene	0.290 J	NS	ND(0.820)	0.630	ND(4.20) [ND(7.30)]
Benzyl Alcohol	ND(0.740)	NS	ND(1.60)	ND(0.980)	ND(8.40) [ND(14.0)]
bis(2-Chloroethoxy)methane	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
bis(2-Chloroethyl)ether	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
bis(2-Chloroisopropyl)ether	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-I19 6-15 06/07/02	4B RAA4-I19 13-15 06/07/02	4B RAA4-I21 0-1 04/22/02	4B RAA4-I23 0-1 04/25/02	4B RAA4-I23 6-15 04/25/02
Semivolatile Organics (continued)						
bis(2-Ethylhexyl)phthalate		ND(0.360)	NS	ND(0.410)	ND(0.370)	ND(2.10) [17.0]
Butylbenzylphthalate		ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
Chrysene		0.580	NS	0.220 J	0.620	ND(4.20) [ND(7.30)]
Diallate		ND(0.740)	NS	ND(0.820)	ND(0.760)	ND(4.20) [ND(7.30)]
Dibenzo(a,h)anthracene		ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
Dibenzofuran		ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
Diethylphthalate		ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
Dimethylphthalate		ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
Di-n-Butylphthalate		ND(0.370)	NS	0.340 J	0.620	ND(4.20) [ND(7.30)]
Di-n-Octylphthalate		ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
Diphenylamine		ND(0.37)	NS	ND(0.82)	ND(0.49)	6.3 [13]
Ethyl Methanesulfonate		ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
Fluoranthene		1.90	NS	0.400 J	1.30	1.60 J [3.30 J]
Fluorene		1.40	NS	ND(0.820)	ND(0.490)	1.30 J [1.80 J]
Hexachlorobenzene		ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
Hexachlorobutadiene		ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
Hexachlorocyclopentadiene		ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
Hexachloroethane		ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
Hexachlorophene		ND(0.74)	NS	ND(1.6)	ND(0.98)	ND(8.4) [ND(14)]
Hexachloropropene		ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
Indeno(1,2,3-cd)pyrene		ND(0.370)	NS	ND(0.820)	0.380 J	ND(4.20) [ND(7.30)]
Isodrin		ND(0.37)	NS	ND(0.82)	ND(0.49)	ND(4.2) [ND(7.3)]
Isophorone		ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
Isosafrole		ND(0.740)	NS	ND(0.820)	ND(0.760)	ND(4.20) [ND(7.30)]
Methapyrilene		ND(0.740)	NS	ND(0.820)	ND(0.760)	ND(4.20) [ND(7.30)]
Methyl Methanesulfonate		ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
Naphthalene		0.220 J	NS	ND(0.820)	ND(0.490)	ND(4.20) [1.60 J]
Nitrobenzene		ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
N-Nitrosodiethylamine		ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
N-Nitrosodimethylamine		ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
N-Nitroso-di-n-butylamine		ND(0.740)	NS	ND(0.820)	ND(0.760)	ND(4.20) [ND(7.30)]
N-Nitroso-di-n-propylamine		ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
N-Nitrosodiphenylamine		ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
N-Nitrosomethylethylamine		ND(0.740)	NS	ND(0.820)	ND(0.760)	ND(4.20) [ND(7.30)]
N-Nitrosomorpholine		ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
N-Nitrosopiperidine		ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
N-Nitrosopyrrolidine		ND(0.740)	NS	ND(0.820)	ND(0.760)	ND(4.20) [ND(7.30)]
o,o,o-Triethylphosphorothioate		ND(0.37)	NS	ND(0.82)	ND(0.49)	ND(4.2) [ND(7.3)]
o-Toluidine		ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
p-Dimethylaminoazobenzene		ND(0.740)	NS	ND(0.820)	ND(0.760)	ND(4.20) [ND(7.30)]
Pentachlorobenzene		ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
Pentachloroethane		ND(0.37)	NS	ND(0.82)	ND(0.49)	ND(4.2) [ND(7.3)]
Pentachloronitrobenzene		ND(0.740)	NS	ND(0.820)	ND(0.760)	ND(4.20) [ND(7.30)]
Pentachlorophenol		ND(1.90)	NS	ND(4.10)	ND(2.40)	ND(21.0) [ND(36.0)]
Phenacetin		ND(0.740)	NS	ND(0.820)	ND(0.760)	ND(4.20) [ND(7.30)]
Phenanthrene		3.90	NS	0.200 J	0.480 J	ND(4.20) [3.90 J]
Phenol		ND(0.370)	NS	ND(0.820)	ND(0.490)	12.0 [40.0]
Pronamide		ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
Pyrene		2.00	NS	0.500 J	1.10	1.80 J [ND(7.30)]
Pyridine		ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
Safrole		ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
Thionazin		ND(0.37)	NS	ND(0.82)	ND(0.49)	ND(4.2) [ND(7.3)]

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area:	4B	4B	4B	4B	4B
	Sample ID:	RAA4-I19	RAA4-I19	RAA4-I21	RAA4-I23	RAA4-I23
	Sample Depth(Feet):	6-15	13-15	0-1	0-1	6-15
	Date Collected:	06/07/02	06/07/02	04/22/02	04/25/02	04/25/02
Furans						
2,3,7,8-TCDF		NS	NS	0.000056 Y	0.0010 Y	0.000046 Y [0.000057 Y]
TCDFs (total)		NS	NS	0.00054 QX	0.013	0.00080 EJ [0.00094 EJ]
1,2,3,7,8-PeCDF		NS	NS	0.000022 J	0.00052	ND(0.0000054) [ND(0.0000045)]
2,3,4,7,8-PeCDF		NS	NS	0.000061 Q	0.00062	ND(0.000034) X [0.000034]
PeCDFs (total)		NS	NS	0.0016 QX	0.0049EJ	0.00084 [0.00082]
1,2,3,4,7,8-HxCDF		NS	NS	0.000064	0.00072	0.000099 [0.00011]
1,2,3,6,7,8-HxCDF		NS	NS	0.000060	0.00032	0.000041 [0.000052]
1,2,3,7,8,9-HxCDF		NS	NS	ND(0.000010) X	ND(0.000062) X	ND(0.000044) X [ND(0.000064) X]
2,3,4,6,7,8-HxCDF		NS	NS	0.00011	0.00033	0.000057 [0.000059]
HxCDFs (total)		NS	NS	0.00087 X	0.0045	0.0011 [0.0012]
1,2,3,4,6,7,8-HpCDF		NS	NS	0.00012	0.00045	0.00015 [0.00014]
1,2,3,4,7,8,9-HpCDF		NS	NS	0.000013	0.000081	0.000032 [ND(0.000032) X]
HpCDFs (total)		NS	NS	0.00028	0.00095	0.00035 [0.00030]
OCDF		NS	NS	0.000052	0.00028	0.00023 [0.00020]
Dioxins						
2,3,7,8-TCDD		NS	NS	ND(0.0000015) X	0.0000053	ND(0.0000042) [ND(0.0000033)]
TCDDs (total)		NS	NS	0.0000039 Q	0.000033	0.000019 [ND(0.000027) X]
1,2,3,7,8-PeCDD		NS	NS	0.0000027 J	ND(0.0000068) X	ND(0.0000075) [ND(0.0000058)]
PeCDDs (total)		NS	NS	0.0000027 Q	0.0000076	6.4e-006 [ND(0.000034) XJ]
1,2,3,4,7,8-HxCDD		NS	NS	ND(0.0000020) X	ND(0.0000039) X	ND(0.000015) [ND(0.000010)]
1,2,3,6,7,8-HxCDD		NS	NS	0.0000048 J	0.0000095	ND(0.0000079) X [ND(0.000011)]
1,2,3,7,8,9-HxCDD		NS	NS	ND(0.0000039) X	0.0000068	ND(0.000015) [ND(0.000010)]
HxCDDs (total)		NS	NS	0.0000048	0.000024	0.000021 J [0.000039 J]
1,2,3,4,6,7,8-HpCDD		NS	NS	0.000046	0.000074	0.000066 [0.000074]
HpCDDs (total)		NS	NS	0.000092	0.00015	0.00013 [0.00015]
OCDD		NS	NS	0.00027	0.00025	0.00049 [0.00059]
Total TEQs (WHO TEFs)		NS	NS	0.000067	0.00059	0.000045 [0.000057]
Inorganics						
Antimony		NS	NS	6.70	1.60 J	1.50 J [1.70 J]
Arsenic		NS	NS	6.50	8.20 J	3.80 J [7.90 J]
Barium		NS	NS	40.0	57.0 J	36.0 J [44.0 J]
Beryllium		NS	NS	ND(0.500)	ND(0.500)	ND(0.500) [0.180 B]
Cadmium		NS	NS	0.740	0.620	0.840 [0.870]
Chromium		NS	NS	19.0	15.0	78.0 [9.60]
Cobalt		NS	NS	9.00	8.00	7.60 [ND(5.00)]
Copper		NS	NS	80.0	58.0	58.0 [140]
Cyanide		NS	NS	0.120	0.130 J	0.390 J [0.580 J]
Lead		NS	NS	48.0	42.0 J	360 J [74.0 J]
Mercury		NS	NS	0.340 J	0.220	19.0 [52.0]
Nickel		NS	NS	19.0	16.0 J	27.0 J [14.0 J]
Selenium		NS	NS	ND(1.00)	ND(1.00) J	ND(1.00) J [ND(1.00) J]
Silver		NS	NS	0.470 B	0.830 B	42.0 [3.40]
Sulfide		NS	NS	21.0	42.0	580 [400]
Thallium		NS	NS	ND(1.20) J	ND(1.10) J	ND(1.20) J [ND(1.30) J]
Tin		NS	NS	ND(10.0)	ND(10.0)	ND(10.0) [ND(16.0)]
Vanadium		NS	NS	13.0	10.0 J	8.70 J [8.40 J]
Zinc		NS	NS	260	98.0 J	260 J [130 J]

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B / RAA4-I23 / 10-12 / 04/25/02	4B / RAA4-I25 / 0-1 / 06/03/02	4B / RAA4-I25 / 8-10 / 06/03/02	4B / RAA4-K19 / 0-1 / 06/13/02	4B / RAA4-K19 / 6-15 / 06/13/02
Volatile Organics						
1,1,1,2-Tetrachloroethane		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
1,1,1-Trichloroethane		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
1,1,2,2-Tetrachloroethane		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
1,1,2-Trichloroethane		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
1,1-Dichloroethane		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
1,1-Dichloroethene		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
1,2,3-Trichloropropane		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
1,2-Dibromo-3-chloropropane		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
1,2-Dibromoethane		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
1,2-Dichloroethane		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
1,2-Dichloropropane		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
1,4-Dioxane		ND(0.12) J [ND(0.13) J]	ND(0.12) J	ND(0.30) J	ND(0.11) J	NS
2-Butanone		0.052 [ND(0.013)]	ND(0.012)	ND(0.030)	ND(0.011)	NS
2-Chloro-1,3-butadiene		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
2-Chloroethylvinylether		ND(0.0063) J [ND(0.0064) J]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
2-Hexanone		ND(0.012) [ND(0.013)]	ND(0.012)	ND(0.060)	ND(0.011)	NS
3-Chloropropene		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
4-Methyl-2-pentanone		ND(0.012) [ND(0.013)]	ND(0.012)	ND(0.060)	ND(0.011)	NS
Acetone		0.13 [ND(0.026)]	0.015 J	0.094	ND(0.022) J	NS
Acetonitrile		ND(0.12) J [ND(0.13) J]	ND(0.12) J	ND(0.60) J	ND(0.11)	NS
Acrolein		ND(0.12) J [ND(0.13) J]	ND(0.12) J	ND(0.60) J	ND(0.11) J	NS
Acrylonitrile		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
Benzene		0.0160 [ND(0.00640)]	ND(0.00600)	0.340	ND(0.00560)	NS
Bromodichloromethane		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
Bromoform		ND(0.0063) [ND(0.0064)]	ND(0.0060) J	ND(0.030) J	ND(0.0056)	NS
Bromomethane		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
Carbon Disulfide		0.0048 J [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
Carbon Tetrachloride		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
Chlorobenzene		10 [ND(0.0064)]	ND(0.0060)	11	ND(0.0056)	NS
Chloroethane		ND(0.0063) [ND(0.0064)]	ND(0.0060) J	ND(0.030) J	ND(0.0056)	NS
Chloroform		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
Chloromethane		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
cis-1,3-Dichloropropene		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
Dibromochloromethane		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
Dibromomethane		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
Dichlorodifluoromethane		ND(0.0063) J [ND(0.0064) J]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
Ethyl Methacrylate		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
Ethylbenzene		0.0150 [ND(0.00640)]	ND(0.00600)	0.0470	ND(0.00560)	NS
Iodomethane		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
Isobutanol		ND(0.12) [ND(0.13)]	ND(0.12)	ND(0.60)	ND(0.11)	NS
Methacrylonitrile		ND(0.0063) [ND(0.0064)]	ND(0.0060) J	ND(0.030) J	ND(0.0056)	NS
Methyl Methacrylate		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
Methylene Chloride		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
Propionitrile		ND(0.012) [ND(0.013)]	ND(0.012)	ND(0.030)	ND(0.011)	NS
Styrene		ND(0.00630) [ND(0.00640)]	ND(0.00600)	ND(0.0300)	ND(0.00560)	NS
Tetrachloroethene		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
Toluene		ND(0.00630) [ND(0.00640)]	ND(0.00600)	ND(0.0300)	ND(0.00560)	NS
trans-1,2-Dichloroethene		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
trans-1,3-Dichloropropene		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
trans-1,4-Dichloro-2-butene		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
Trichloroethene		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	0.0050 J	NS
Trichlorofluoromethane		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
Vinyl Acetate		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056) J	NS
Vinyl Chloride		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
Xylenes (total)		0.043 [ND(0.0064)]	ND(0.0060)	15	ND(0.0056)	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Averaging Area:	4B	4B	4B	4B	4B
Sample ID:	RAA4-I23	RAA4-I25	RAA4-I25	RAA4-K19	RAA4-K19
Sample Depth(Feet):	10-12	0-1	8-10	0-1	6-15
Date Collected:	04/25/02	06/03/02	06/03/02	06/13/02	06/13/02
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	NS	0.500 J	NS	ND(0.370)	ND(0.410)
1,2,4-Trichlorobenzene	NS	1.30	NS	0.170 J	ND(0.410)
1,2-Dichlorobenzene	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
1,2-Diphenylhydrazine	NS	ND(0.96)	NS	ND(0.37)	ND(0.41)
1,3,5-Trinitrobenzene	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
1,3-Dichlorobenzene	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
1,3-Dinitrobenzene	NS	ND(0.960)	NS	ND(0.750)	ND(0.820)
1,4-Dichlorobenzene	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
1,4-Naphthoquinone	NS	ND(0.960)	NS	ND(0.750)	ND(0.820)
1-Naphthylamine	NS	ND(0.960)	NS	ND(0.750)	ND(0.820)
2,3,4,6-Tetrachlorophenol	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
2,4,5-Trichlorophenol	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
2,4,6-Trichlorophenol	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
2,4-Dichlorophenol	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
2,4-Dimethylphenol	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
2,4-Dinitrophenol	NS	ND(4.80)	NS	ND(1.90)	ND(2.10)
2,4-Dinitrotoluene	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
2,6-Dichlorophenol	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
2,6-Dinitrotoluene	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
2-Acetylaminofluorene	NS	ND(0.960)	NS	ND(0.750)	ND(0.820)
2-Chloronaphthalene	NS	0.310 J	NS	ND(0.370)	ND(0.410)
2-Chlorophenol	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
2-Methylnaphthalene	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
2-Methylphenol	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
2-Naphthylamine	NS	ND(0.960)	NS	ND(0.750)	ND(0.820)
2-Nitroaniline	NS	ND(4.80)	NS	ND(1.90)	ND(2.10)
2-Nitrophenol	NS	ND(0.960)	NS	ND(0.750)	ND(0.820)
2-Picoline	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
3&4-Methylphenol	NS	ND(0.960)	NS	ND(0.750)	ND(0.820)
3,3'-Dichlorobenzidine	NS	ND(1.90)	NS	ND(0.750)	ND(0.820)
3,3'-Dimethylbenzidine	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
3-Methylcholanthrene	NS	ND(0.960)	NS	ND(0.750)	ND(0.820)
3-Nitroaniline	NS	ND(4.80)	NS	ND(1.90)	ND(2.10)
4,6-Dinitro-2-methylphenol	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
4-Aminobiphenyl	NS	ND(0.960)	NS	ND(0.750)	ND(0.820)
4-Bromophenyl-phenylether	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
4-Chloro-3-Methylphenol	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
4-Chloroaniline	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
4-Chlorobenzilate	NS	ND(0.960)	NS	0.440 J	ND(0.820)
4-Chlorophenyl-phenylether	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
4-Nitroaniline	NS	ND(2.00)	NS	ND(1.90)	ND(2.10)
4-Nitrophenol	NS	ND(4.80)	NS	ND(1.90)	ND(2.10)
4-Nitroquinoline-1-oxide	NS	ND(0.960)	NS	ND(0.750)	ND(0.820)
4-Phenylenediamine	NS	0.96 J	NS	ND(0.75) J	ND(0.82) J
5-Nitro-o-toluidine	NS	ND(0.960)	NS	ND(0.750)	ND(0.820)
7,12-Dimethylbenz(a)anthracene	NS	ND(0.960)	NS	ND(0.750)	ND(0.820)
a,a'-Dimethylphenethylamine	NS	ND(0.960)	NS	ND(0.750)	ND(0.820)
Acenaphthene	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
Acenaphthylene	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
Acetophenone	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
Aniline	NS	11.0	NS	2.90	ND(0.410)
Anthracene	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
Aramite	NS	ND(0.960)	NS	ND(0.750)	ND(0.820)
Benzidine	NS	ND(1.9)	NS	ND(0.75)	ND(0.82)
Benzo(a)anthracene	NS	ND(0.960)	NS	0.110 J	ND(0.410)
Benzo(a)pyrene	NS	ND(0.960)	NS	0.220 J	ND(0.410)
Benzo(b)fluoranthene	NS	ND(0.960)	NS	0.280 J	ND(0.410)
Benzo(g,h,i)perylene	NS	ND(0.960)	NS	0.240 J	ND(0.410)
Benzo(k)fluoranthene	NS	ND(0.960)	NS	0.180 J	ND(0.410)
Benzyl Alcohol	NS	1.9 J	NS	ND(0.750)	ND(0.820)
bis(2-Chloroethoxy)methane	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
bis(2-Chloroethyl)ether	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
bis(2-Chloroisopropyl)ether	NS	ND(0.960)	NS	ND(0.370)	ND(0.41) J

TABLE 8-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-I23 10-12 04/25/02	4B RAA4-I25 0-1 06/03/02	4B RAA4-I25 8-10 06/03/02	4B RAA4-K19 0-1 06/13/02	4B RAA4-K19 6-15 06/13/02
Semivolatile Organics (continued)						
bis(2-Ethylhexyl)phthalate		NS	0.930	NS	ND(0.370)	ND(0.400)
Butylbenzylphthalate		NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
Chrysene		NS	ND(0.960)	NS	0.250 J	ND(0.410)
Diallate		NS	ND(0.960)	NS	ND(0.750)	ND(0.820)
Dibenzo(a,h)anthracene		NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
Dibenzofuran		NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
Diethylphthalate		NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
Dimethylphthalate		NS	0.610 J	NS	ND(0.370)	ND(0.410)
Di-n-Butylphthalate		NS	1.80	NS	ND(0.370)	ND(0.410)
Di-n-Octylphthalate		NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
Diphenylamine		NS	1.1	NS	ND(0.37)	ND(0.41)
Ethyl Methanesulfonate		NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
Fluoranthene		NS	0.510 J	NS	0.170 J	ND(0.410)
Fluorene		NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
Hexachlorobenzene		NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
Hexachlorobutadiene		NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
Hexachlorocyclopentadiene		NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
Hexachloroethane		NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
Hexachlorophene		NS	ND(1.9)	NS	ND(0.75)	ND(0.82)
Hexachloropropene		NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
Indeno(1,2,3-cd)pyrene		NS	ND(0.960)	NS	0.180 J	ND(0.410)
Isodrin		NS	ND(0.96)	NS	ND(0.37)	ND(0.41)
Isophorone		NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
Isosafrole		NS	ND(0.960)	NS	ND(0.750)	ND(0.820)
Methapyrilene		NS	ND(0.960)	NS	ND(0.750)	ND(0.820)
Methyl Methanesulfonate		NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
Naphthalene		NS	ND(0.960)	NS	0.0980 J	ND(0.410)
Nitrobenzene		NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
N-Nitrosodiethylamine		NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
N-Nitrosodimethylamine		NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
N-Nitroso-di-n-butylamine		NS	ND(0.960)	NS	ND(0.750)	ND(0.820)
N-Nitroso-di-n-propylamine		NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
N-Nitrosodiphenylamine		NS	1.60	NS	ND(0.370)	ND(0.410)
N-Nitrosomethylethylamine		NS	ND(0.960)	NS	ND(0.750)	ND(0.820)
N-Nitrosomorpholine		NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
N-Nitrosopiperidine		NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
N-Nitrosopyrrolidine		NS	ND(0.960)	NS	ND(0.750)	ND(0.820)
o,o,o-Triethylphosphorothioate		NS	ND(0.96)	NS	ND(0.37)	ND(0.41)
o-Toluidine		NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
p-Dimethylaminoazobenzene		NS	ND(0.960)	NS	ND(0.750)	ND(0.820)
Pentachlorobenzene		NS	1.80	NS	ND(0.370)	ND(0.410)
Pentachloroethane		NS	ND(0.96)	NS	ND(0.37)	ND(0.41)
Pentachloronitrobenzene		NS	ND(0.960)	NS	ND(0.750)	ND(0.820)
Pentachlorophenol		NS	ND(4.80)	NS	ND(1.90)	ND(2.10)
Phenacetin		NS	ND(0.960)	NS	ND(0.750)	ND(0.820)
Phenanthrene		NS	ND(0.960)	NS	0.170 J	ND(0.410)
Phenol		NS	4.30	NS	0.0970 J	ND(0.410)
Pronamide		NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
Pyrene		NS	ND(0.960)	NS	0.580	ND(0.410)
Pyridine		NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
Safrole		NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
Thionazin		NS	ND(0.96)	NS	ND(0.37)	ND(0.41)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-I23 10-12 04/25/02	4B RAA4-I25 0-1 06/03/02	4B RAA4-I25 8-10 06/03/02	4B RAA4-K19 0-1 06/13/02	4B RAA4-K19 6-15 06/13/02
Furans						
2,3,7,8-TCDF		NS	0.00010 Y	NS	0.00031 Y	0.0000013 Y
TCDFs (total)		NS	0.00082 I	NS	0.0033 I	0.000021
1,2,3,7,8-PeCDF		NS	0.00010	NS	0.00018	0.00000092 J
2,3,4,7,8-PeCDF		NS	0.00014	NS	0.00044	0.0000018 J
PeCDFs (total)		NS	0.0015 I	NS	0.0060 QI	0.000017
1,2,3,4,7,8-HxCDF		NS	0.00028	NS	0.00038	0.0000016 J
1,2,3,6,7,8-HxCDF		NS	0.000096	NS	0.00024 I	0.0000011 J
1,2,3,7,8,9-HxCDF		NS	0.000034	NS	0.000063	0.00000025 J
2,3,4,6,7,8-HxCDF		NS	0.00013	NS	0.00035	0.00000098 J
HxCDFs (total)		NS	0.0020 I	NS	0.0049 I	0.000011
1,2,3,4,6,7,8-HpCDF		NS	0.00033	NS	0.00051	0.0000024 J
1,2,3,4,7,8,9-HpCDF		NS	0.000094	NS	0.000098	0.00000036 J
HpCDFs (total)		NS	0.00093	NS	0.0010	0.0000035
OCDF		NS	0.0011	NS	0.00029	0.0000013 J
Dioxins						
2,3,7,8-TCDD		NS	0.0000013	NS	0.0000052	ND(0.00000014)
TCDDs (total)		NS	0.000016	NS	0.000089	0.00000014
1,2,3,7,8-PeCDD		NS	ND(0.000032) X	NS	ND(0.000038) X	ND(0.00000024) X
PeCDDs (total)		NS	ND(0.0000021)	NS	0.00014	0.00000030
1,2,3,4,7,8-HxCDD		NS	0.0000050	NS	0.000018	0.00000011 J
1,2,3,6,7,8-HxCDD		NS	0.000025	NS	0.000033	0.00000019 J
1,2,3,7,8,9-HxCDD		NS	0.0000086	NS	0.000028	0.00000015 J
HxCDDs (total)		NS	0.00014	NS	0.00028	0.00000045
1,2,3,4,6,7,8-HpCDD		NS	0.00027	NS	0.00012	0.00000062 J
HpCDDs (total)		NS	0.00048	NS	0.00023	0.0000012
OCDD		NS	0.0021	NS	0.00032	0.0000018 J
Total TEQs (WHO TEFs)		NS	0.00017	NS	0.00040	0.0000017
Inorganics						
Antimony		NS	ND(6.00)	NS	11.0	ND(6.00)
Arsenic		NS	19.0	NS	21.0	2.30
Barium		NS	44.0	NS	220	30.0
Beryllium		NS	ND(0.500)	NS	ND(0.500)	ND(0.500)
Cadmium		NS	0.940	NS	5.20	ND(0.500)
Chromium		NS	44.0	NS	36.0	7.80
Cobalt		NS	8.10	NS	7.00	7.00
Copper		NS	210	NS	1200	8.90
Cyanide		NS	ND(0.240)	NS	ND(0.220)	ND(0.120)
Lead		NS	120	NS	2000	6.40
Mercury		NS	1.20	NS	6.00 J	ND(0.120) J
Nickel		NS	46.0	NS	65.0	11.0
Selenium		NS	0.700 B	NS	ND(1.00) J	ND(1.00) J
Silver		NS	ND(1.00)	NS	ND(1.00)	ND(1.00)
Sulfide		NS	15.0	NS	230	59.0
Thallium		NS	ND(1.20)	NS	2.50 J	1.10 J
Tin		NS	13.0	NS	100	ND(3.80)
Vanadium		NS	24.0	NS	11.0	8.40
Zinc		NS	240	NS	1400	40.0

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-K19 13-15 06/13/02	4B RAA4-K21 1-6 06/03/02	4B RAA4-K23 0-1 04/25/02	4B RAA4-K23 1-6 04/25/02	4B RAA4-K25 0-1 06/03/02	4B X-16 6-15 01/31/01
Volatile Organics							
1,1,1,2-Tetrachloroethane		ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
1,1,1-Trichloroethane		ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
1,1,2,2-Tetrachloroethane		ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
1,1,2-Trichloroethane		ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
1,1-Dichloroethane		ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
1,1-Dichloroethene		ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
1,2,3-Trichloropropane		ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
1,2-Dibromo-3-chloropropane		ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
1,2-Dibromoethane		ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
1,2-Dichloroethane		ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
1,2-Dichloropropane		ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
1,4-Dioxane		ND(0.12) J	NS	ND(0.11) J	NS	ND(0.10) J	NS
2-Butanone		ND(0.012)	NS	ND(0.011)	NS	ND(0.010)	NS
2-Chloro-1,3-butadiene		ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
2-Chloroethylvinylether		ND(0.0061)	NS	ND(0.0054) J	NS	ND(0.0053)	NS
2-Hexanone		ND(0.012)	NS	ND(0.011)	NS	ND(0.010)	NS
3-Chloropropene		ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
4-Methyl-2-pentanone		ND(0.012)	NS	ND(0.011)	NS	ND(0.010)	NS
Acetone		0.060 J	NS	0.021 J	NS	ND(0.021)	NS
Acetonitrile		ND(0.12)	NS	ND(0.11) J	NS	ND(0.10) J	NS
Acrolein		ND(0.12) J	NS	ND(0.11) J	NS	ND(0.10) J	NS
Acrylonitrile		ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
Benzene		ND(0.00610)	NS	ND(0.00540)	NS	ND(0.00530)	NS
Bromodichloromethane		ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
Bromoform		ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053) J	NS
Bromomethane		ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
Carbon Disulfide		ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
Carbon Tetrachloride		ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
Chlorobenzene		ND(0.0061)	NS	ND(0.0054) J	NS	ND(0.0053)	NS
Chloroethane		ND(0.0061)	NS	ND(0.0054) J	NS	ND(0.0053) J	NS
Chloroform		ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
Chloromethane		ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
cis-1,3-Dichloropropene		ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
Dibromochloromethane		ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
Dibromomethane		ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
Dichlorodifluoromethane		ND(0.0061)	NS	ND(0.0054) J	NS	ND(0.0053)	NS
Ethyl Methacrylate		ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
Ethylbenzene		ND(0.00610)	NS	ND(0.00540)	NS	ND(0.00530)	NS
Iodomethane		ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
Isobutanol		ND(0.12)	NS	ND(0.11)	NS	ND(0.10)	NS
Methacrylonitrile		ND(0.0061)	NS	ND(0.0054) J	NS	ND(0.0053) J	NS
Methyl Methacrylate		ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
Methylene Chloride		0.0041 J	NS	ND(0.0054)	NS	ND(0.0053)	NS
Propionitrile		ND(0.012)	NS	ND(0.011)	NS	ND(0.010)	NS
Styrene		ND(0.00610)	NS	ND(0.00540)	NS	ND(0.00530)	NS
Tetrachloroethene		ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
Toluene		0.0069 J	NS	ND(0.00540)	NS	ND(0.00530)	NS
trans-1,2-Dichloroethene		ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
trans-1,3-Dichloropropene		ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
trans-1,4-Dichloro-2-butene		ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
Trichloroethene		ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
Trichlorofluoromethane		ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
Vinyl Acetate		ND(0.0061) J	NS	ND(0.0054)	NS	ND(0.0053)	NS
Vinyl Chloride		ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
Xylenes (total)		ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Averaging Area:	4B	4B	4B	4B	4B	4B
Sample ID:	RAA4-K19	RAA4-K21	RAA4-K23	RAA4-K23	RAA4-K25	X-16
Sample Depth(Feet):	13-15	1-6	0-1	1-6	0-1	6-15
Parameter Date Collected:	06/13/02	06/03/02	04/25/02	04/25/02	06/03/02	01/31/01
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	NS	NS	ND(0.500)	NS	ND(0.810)	NS
1,2,4-Trichlorobenzene	NS	NS	0.140 J	NS	ND(0.810)	NS
1,2-Dichlorobenzene	NS	NS	ND(0.500)	NS	ND(0.810)	NS
1,2-Diphenylhydrazine	NS	NS	ND(0.50)	NS	ND(0.81)	NS
1,3,5-Trinitrobenzene	NS	NS	ND(0.500)	NS	ND(0.810)	NS
1,3-Dichlorobenzene	NS	NS	ND(0.500)	NS	ND(0.810)	NS
1,3-Dinitrobenzene	NS	NS	ND(0.720)	NS	ND(0.810)	NS
1,4-Dichlorobenzene	NS	NS	ND(0.500)	NS	ND(0.810)	NS
1,4-Naphthoquinone	NS	NS	ND(0.720)	NS	ND(0.810)	NS
1-Naphthylamine	NS	NS	ND(0.720)	NS	ND(0.810)	NS
2,3,4,6-Tetrachlorophenol	NS	NS	ND(0.500)	NS	ND(0.810)	NS
2,4,5-Trichlorophenol	NS	NS	ND(0.500)	NS	ND(0.810)	NS
2,4,6-Trichlorophenol	NS	NS	ND(0.500)	NS	ND(0.810)	NS
2,4-Dichlorophenol	NS	NS	ND(0.500)	NS	ND(0.810)	NS
2,4-Dimethylphenol	NS	NS	ND(0.500)	NS	ND(0.810)	NS
2,4-Dinitrophenol	NS	NS	ND(2.50)	NS	ND(4.10)	NS
2,4-Dinitrotoluene	NS	NS	ND(0.500)	NS	ND(0.810)	NS
2,6-Dichlorophenol	NS	NS	ND(0.500)	NS	ND(0.810)	NS
2,6-Dinitrotoluene	NS	NS	ND(0.50) J	NS	ND(0.810)	NS
2-Acetylaminofluorene	NS	NS	ND(0.720)	NS	ND(0.810)	NS
2-Chloronaphthalene	NS	NS	ND(0.500)	NS	ND(0.810)	NS
2-Chlorophenol	NS	NS	ND(0.500)	NS	ND(0.810)	NS
2-Methylnaphthalene	NS	NS	ND(0.500)	NS	ND(0.810)	NS
2-Methylphenol	NS	NS	ND(0.500)	NS	ND(0.810)	NS
2-Naphthylamine	NS	NS	ND(0.720)	NS	ND(0.810)	NS
2-Nitroaniline	NS	NS	ND(2.50)	NS	ND(4.10)	NS
2-Nitrophenol	NS	NS	ND(0.720)	NS	ND(0.810)	NS
2-Picoline	NS	NS	ND(0.500)	NS	ND(0.810)	NS
3&4-Methylphenol	NS	NS	ND(0.720)	NS	ND(0.810)	NS
3,3'-Dichlorobenzidine	NS	NS	ND(1.00)	NS	ND(1.60)	NS
3,3'-Dimethylbenzidine	NS	NS	ND(0.500)	NS	ND(0.810)	NS
3-Methylcholanthrene	NS	NS	ND(0.720)	NS	ND(0.810)	NS
3-Nitroaniline	NS	NS	ND(2.50)	NS	ND(4.10)	NS
4,6-Dinitro-2-methylphenol	NS	NS	ND(0.500)	NS	ND(0.810)	NS
4-Aminobiphenyl	NS	NS	ND(0.720)	NS	ND(0.810)	NS
4-Bromophenyl-phenylether	NS	NS	ND(0.500)	NS	ND(0.810)	NS
4-Chloro-3-Methylphenol	NS	NS	ND(0.500)	NS	ND(0.810)	NS
4-Chloroaniline	NS	NS	ND(0.500)	NS	ND(0.810)	NS
4-Chlorobenzilate	NS	NS	ND(0.720)	NS	ND(0.810)	NS
4-Chlorophenyl-phenylether	NS	NS	ND(0.500)	NS	ND(0.810)	NS
4-Nitroaniline	NS	NS	ND(1.80)	NS	ND(1.80)	NS
4-Nitrophenol	NS	NS	ND(2.50)	NS	ND(4.10)	NS
4-Nitroquinoline-1-oxide	NS	NS	ND(0.720)	NS	ND(0.810)	NS
4-Phenylenediamine	NS	NS	ND(0.72) J	NS	0.81 J	NS
5-Nitro-o-toluidine	NS	NS	ND(0.720)	NS	ND(0.810)	NS
7,12-Dimethylbenz(a)anthracene	NS	NS	ND(0.720)	NS	ND(0.810)	NS
a,a'-Dimethylphenethylamine	NS	NS	ND(0.720)	NS	ND(0.810)	NS
Acenaphthene	NS	NS	ND(0.500)	NS	ND(0.810)	NS
Acenaphthylene	NS	NS	ND(0.500)	NS	ND(0.810)	NS
Acetophenone	NS	NS	ND(0.500)	NS	ND(0.810)	NS
Aniline	NS	NS	0.440 J	NS	ND(0.810)	NS
Anthracene	NS	NS	ND(0.500)	NS	ND(0.810)	NS
Aramite	NS	NS	ND(0.720)	NS	ND(0.810)	NS
Benzidine	NS	NS	ND(1.0)	NS	ND(1.6)	NS
Benzo(a)anthracene	NS	NS	ND(0.500)	NS	ND(0.810)	NS
Benzo(a)pyrene	NS	NS	ND(0.500)	NS	ND(0.810)	NS
Benzo(b)fluoranthene	NS	NS	0.160 J	NS	ND(0.810)	NS
Benzo(g,h,i)perylene	NS	NS	ND(0.500)	NS	ND(0.810)	NS
Benzo(k)fluoranthene	NS	NS	0.190 J	NS	ND(0.810)	NS
Benzyl Alcohol	NS	NS	ND(1.00)	NS	1.6 J	NS
bis(2-Chloroethoxy)methane	NS	NS	ND(0.500)	NS	ND(0.810)	NS
bis(2-Chloroethyl)ether	NS	NS	ND(0.500)	NS	ND(0.810)	NS
bis(2-Chloroisopropyl)ether	NS	NS	ND(0.500)	NS	ND(0.810)	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	Averaging Area:	4B	4B	4B	4B	4B	4B
	Sample ID:	RAA4-K19	RAA4-K21	RAA4-K23	RAA4-K23	RAA4-K25	X-16
	Sample Depth(Feet):	13-15	1-6	0-1	1-6	0-1	6-15
Parameter	Date Collected:	06/13/02	06/03/02	04/25/02	04/25/02	06/03/02	01/31/01
Semivolatile Organics (continued)							
bis(2-Ethylhexyl)phthalate		NS	NS	ND(0.360)	NS	ND(0.410)	NS
Butylbenzylphthalate		NS	NS	ND(0.500)	NS	ND(0.810)	NS
Chrysene		NS	NS	0.210 J	NS	ND(0.810)	NS
Diallate		NS	NS	ND(0.720)	NS	ND(0.810)	NS
Dibenzo(a,h)anthracene		NS	NS	ND(0.500)	NS	ND(0.810)	NS
Dibenzofuran		NS	NS	ND(0.500)	NS	ND(0.810)	NS
Diethylphthalate		NS	NS	ND(0.500)	NS	ND(0.810)	NS
Dimethylphthalate		NS	NS	ND(0.500)	NS	ND(0.810)	NS
Di-n-Butylphthalate		NS	NS	ND(0.500)	NS	ND(0.810)	NS
Di-n-Octylphthalate		NS	NS	ND(0.500)	NS	ND(0.810)	NS
Diphenylamine		NS	NS	ND(0.50)	NS	ND(0.81)	NS
Ethyl Methanesulfonate		NS	NS	ND(0.500)	NS	ND(0.810)	NS
Fluoranthene		NS	NS	0.340 J	NS	0.540 J	NS
Fluorene		NS	NS	ND(0.500)	NS	ND(0.810)	NS
Hexachlorobenzene		NS	NS	ND(0.500)	NS	ND(0.810)	NS
Hexachlorobutadiene		NS	NS	ND(0.500)	NS	ND(0.810)	NS
Hexachlorocyclopentadiene		NS	NS	ND(0.500)	NS	ND(0.810)	NS
Hexachloroethane		NS	NS	ND(0.500)	NS	ND(0.810)	NS
Hexachlorophene		NS	NS	ND(1.0)	NS	ND(1.6)	NS
Hexachloropropene		NS	NS	ND(0.500)	NS	ND(0.810)	NS
Indeno(1,2,3-cd)pyrene		NS	NS	ND(0.500)	NS	ND(0.810)	NS
Isodrin		NS	NS	ND(0.50)	NS	ND(0.81)	NS
Isophorone		NS	NS	ND(0.500)	NS	ND(0.810)	NS
Isosafrole		NS	NS	ND(0.720)	NS	ND(0.810)	NS
Methapyrilene		NS	NS	ND(0.720)	NS	ND(0.810)	NS
Methyl Methanesulfonate		NS	NS	ND(0.500)	NS	ND(0.810)	NS
Naphthalene		NS	NS	ND(0.500)	NS	ND(0.810)	NS
Nitrobenzene		NS	NS	ND(0.500)	NS	ND(0.810)	NS
N-Nitrosodiethylamine		NS	NS	ND(0.500)	NS	ND(0.810)	NS
N-Nitrosodimethylamine		NS	NS	ND(0.500)	NS	ND(0.810)	NS
N-Nitroso-di-n-butylamine		NS	NS	ND(0.720)	NS	ND(0.810)	NS
N-Nitroso-di-n-propylamine		NS	NS	ND(0.500)	NS	ND(0.810)	NS
N-Nitrosodiphenylamine		NS	NS	ND(0.500)	NS	ND(0.810)	NS
N-Nitrosomethylethylamine		NS	NS	ND(0.720)	NS	ND(0.810)	NS
N-Nitrosomorpholine		NS	NS	ND(0.500)	NS	ND(0.810)	NS
N-Nitrosopiperidine		NS	NS	ND(0.500)	NS	ND(0.810)	NS
N-Nitrosopyrrolidine		NS	NS	ND(0.720)	NS	ND(0.810)	NS
o,o,o-Triethylphosphorothioate		NS	NS	ND(0.50)	NS	ND(0.81)	NS
o-Toluidine		NS	NS	ND(0.500)	NS	ND(0.810)	NS
p-Dimethylaminoazobenzene		NS	NS	ND(0.720)	NS	ND(0.810)	NS
Pentachlorobenzene		NS	NS	ND(0.500)	NS	ND(0.810)	NS
Pentachloroethane		NS	NS	ND(0.50)	NS	ND(0.81)	NS
Pentachloronitrobenzene		NS	NS	ND(0.720)	NS	ND(0.810)	NS
Pentachlorophenol		NS	NS	ND(2.50)	NS	ND(4.10)	NS
Phenacetin		NS	NS	ND(0.720)	NS	ND(0.810)	NS
Phenanthrene		NS	NS	0.290 J	NS	ND(0.810)	NS
Phenol		NS	NS	0.120 J	NS	ND(0.810)	NS
Pronamide		NS	NS	ND(0.500)	NS	ND(0.810)	NS
Pyrene		NS	NS	0.280 J	NS	0.420 J	NS
Pyridine		NS	NS	ND(0.500)	NS	ND(0.810)	NS
Safrole		NS	NS	ND(0.500)	NS	ND(0.810)	NS
Thionazin		NS	NS	ND(0.50)	NS	ND(0.81)	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-K19 13-15 06/13/02	4B RAA4-K21 1-6 06/03/02	4B RAA4-K23 0-1 04/25/02	4B RAA4-K23 1-6 04/25/02	4B RAA4-K25 0-1 06/03/02	4B X-16 6-15 01/31/01
Furans							
2,3,7,8-TCDF		NS	0.010 YEJ	0.000045 Y	0.00069 Y	0.000019 Y	ND(0.000015)
TCDFs (total)		NS	0.089 QJ	0.0012 EJ	0.012	0.00014	ND(0.000015)
1,2,3,7,8-PeCDF		NS	0.0040	0.000022	0.00038	0.000010	ND(0.000012)
2,3,4,7,8-PeCDF		NS	0.0095 EJ	0.000038	0.00055	0.000027	ND(0.000012)
PeCDFs (total)		NS	0.10 QI	0.0022	0.013	0.00026 I	ND(0.000012)
1,2,3,4,7,8-HxCDF		NS	0.014 EJ	ND(0.000012) X	0.0024	0.000031	ND(0.000052)
1,2,3,6,7,8-HxCDF		NS	0.0070	0.00014	0.00093	0.000012	ND(0.000049)
1,2,3,7,8,9-HxCDF		NS	0.0016	ND(0.000038) X	ND(0.0010) X	0.0000047	ND(0.000057)
2,3,4,6,7,8-HxCDF		NS	0.011 EJ	0.00011	0.00054	0.000022	ND(0.000053)
HxCDFs (total)		NS	0.17	0.0020	0.012	0.00029	ND(0.000022)
1,2,3,4,6,7,8-HpCDF		NS	0.019 EJ	0.00015	0.0025	0.000036	ND(0.000032)
1,2,3,4,7,8,9-HpCDF		NS	0.0042	0.000014	0.00049	0.0000086	ND(0.000038)
HpCDFs (total)		NS	0.043	0.00038	0.0051	0.000090	ND(0.000035)
OCDF		NS	0.027 EJ	0.000097	0.0053	0.00011	ND(0.000030)
Dioxins							
2,3,7,8-TCDD		NS	0.000070	ND(0.0000011) X	0.00017 J	ND(0.00000026) X	ND(0.000017)
TCDDs (total)		NS	0.0012 Q	0.0000071	0.00017	0.00000082	ND(0.000017)
1,2,3,7,8-PeCDD		NS	ND(0.00036) X	ND(0.0000030) X	0.000026	ND(0.0000080) X	ND(0.000017)
PeCDDs (total)		NS	0.0020 Q	0.0000037	0.000097	0.00000089	ND(0.000017)
1,2,3,4,7,8-HxCDD		NS	0.00070	0.0000024 J	0.000041	0.00000048 J	ND(0.000033)
1,2,3,6,7,8-HxCDD		NS	0.00053	0.0000055	0.000060	0.00000077 J	ND(0.000033)
1,2,3,7,8,9-HxCDD		NS	0.00039	0.0000051	0.000059	0.00000065 J	ND(0.000030)
HxCDDs (total)		NS	0.0070	0.000040	0.00030	0.0000086	ND(0.000032)
1,2,3,4,6,7,8-HpCDD		NS	0.0054	0.000055	0.00058	0.0000059	ND(0.000042)
HpCDDs (total)		NS	0.010	0.00013	0.0012	0.000013	ND(0.000042)
OCDD		NS	0.017	0.00054	0.0023	0.000038	ND(0.000037)
Total TEQs (WHO TEFs)		NS	0.010	0.000058	0.0010	0.000028	0.000037
Inorganics							
Antimony		NS	NS	1.20 J	NS	ND(6.00)	NS
Arsenic		NS	NS	3.50 J	NS	4.10	NS
Barium		NS	NS	33.0 J	NS	ND(20.0)	NS
Beryllium		NS	NS	ND(0.500)	NS	0.150 B	NS
Cadmium		NS	NS	1.10	NS	ND(0.500)	NS
Chromium		NS	NS	70.0	NS	6.00	NS
Cobalt		NS	NS	6.20	NS	7.20	NS
Copper		NS	NS	53.0	NS	17.0	NS
Cyanide		NS	NS	0.150 J	NS	ND(0.210)	NS
Lead		NS	NS	370 J	NS	10.0	NS
Mercury		NS	NS	ND(0.110)	NS	0.120	NS
Nickel		NS	NS	23.0 J	NS	12.0	NS
Selenium		NS	NS	ND(1.00) J	NS	ND(1.00)	NS
Silver		NS	NS	20.0	NS	ND(1.00)	NS
Sulfide		NS	NS	140	NS	8.20	NS
Thallium		NS	NS	ND(1.10) J	NS	ND(1.00)	NS
Tin		NS	NS	ND(15.0)	NS	ND(10.0)	NS
Vanadium		NS	NS	7.40 J	NS	5.50	NS
Zinc		NS	NS	240 J	NS	35.0	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area:	4B	4C	4C	4C	4C	4C
	Sample ID:	X-18	CRA-1	CRA-1	CRA-2	CRA-2	CRA-3
	Sample Depth(Feet):	6-15	5-14	6-8	2-4	2-5	0-2
	Date Collected:	02/01/01	01/17/01	01/17/01	01/17/01	01/17/01	04/27/01
Volatile Organics							
1,1,1,2-Tetrachloroethane		NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
1,1,1-Trichloroethane		NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
1,1,2,2-Tetrachloroethane		NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
1,1,2-Trichloroethane		NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
1,1-Dichloroethane		NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
1,1-Dichloroethene		NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
1,2,3-Trichloropropane		NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
1,2-Dibromo-3-chloropropane		NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
1,2-Dibromoethane		NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
1,2-Dichloroethane		NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
1,2-Dichloropropane		NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
1,4-Dioxane		NS	NS	ND(0.20) J	ND(0.20) J	NS	NS
2-Butanone		NS	NS	ND(0.10)	ND(0.10)	NS	NS
2-Chloro-1,3-butadiene		NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
2-Chloroethylvinylether		NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
2-Hexanone		NS	NS	ND(0.013) J	ND(0.014) J	NS	NS
3-Chloropropene		NS	NS	ND(0.013)	ND(0.014)	NS	NS
4-Methyl-2-pentanone		NS	NS	ND(0.013)	ND(0.014)	NS	NS
Acetone		NS	NS	ND(0.10)	ND(0.10)	NS	NS
Acetonitrile		NS	NS	ND(0.13)	ND(0.14)	NS	NS
Acrolein		NS	NS	ND(0.13) J	ND(0.14) J	NS	NS
Acrylonitrile		NS	NS	ND(0.013)	ND(0.014)	NS	NS
Benzene		NS	NS	ND(0.00640)	ND(0.00710)	NS	NS
Bromodichloromethane		NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
Bromoform		NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
Bromomethane		NS	NS	ND(0.013)	ND(0.014)	NS	NS
Carbon Disulfide		NS	NS	ND(0.010)	ND(0.010)	NS	NS
Carbon Tetrachloride		NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
Chlorobenzene		NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
Chloroethane		NS	NS	ND(0.013)	ND(0.014)	NS	NS
Chloroform		NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
Chloromethane		NS	NS	ND(0.013)	ND(0.014)	NS	NS
cis-1,3-Dichloropropene		NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
Dibromochloromethane		NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
Dibromomethane		NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
Dichlorodifluoromethane		NS	NS	ND(0.013)	ND(0.014)	NS	NS
Ethyl Methacrylate		NS	NS	ND(0.013)	ND(0.014)	NS	NS
Ethylbenzene		NS	NS	0.00370 J	ND(0.00710)	NS	NS
Iodomethane		NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
Isobutanol		NS	NS	ND(0.26) J	ND(0.28) J	NS	NS
Methacrylonitrile		NS	NS	ND(0.013)	ND(0.014)	NS	NS
Methyl Methacrylate		NS	NS	ND(0.013)	ND(0.014)	NS	NS
Methylene Chloride		NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
Propionitrile		NS	NS	ND(0.064) J	ND(0.071) J	NS	NS
Styrene		NS	NS	0.0100	ND(0.00710)	NS	NS
Tetrachloroethene		NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
Toluene		NS	NS	0.0046 J	ND(0.00710)	NS	NS
trans-1,2-Dichloroethene		NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
trans-1,3-Dichloropropene		NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
trans-1,4-Dichloro-2-butene		NS	NS	ND(0.013)	ND(0.014)	NS	NS
Trichloroethene		NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
Trichlorofluoromethane		NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
Vinyl Acetate		NS	NS	ND(0.013)	ND(0.014)	NS	NS
Vinyl Chloride		NS	NS	ND(0.013)	ND(0.014)	NS	NS
Xylenes (total)		NS	NS	0.025	ND(0.0071)	NS	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area:	4B	4C	4C	4C	4C	4C
	Sample ID:	X-18	CRA-1	CRA-1	CRA-2	CRA-2	CRA-3
	Sample Depth(Feet):	6-15	5-14	6-8	2-4	2-5	0-2
	Date Collected:	02/01/01	01/17/01	01/17/01	01/17/01	01/17/01	04/27/01
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		NS	ND(0.43) J	NS	NS	ND(0.47) J	ND(0.440) [ND(0.420)]
1,2,4-Trichlorobenzene		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
1,2-Dichlorobenzene		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
1,2-Diphenylhydrazine		NS	ND(0.43)	NS	NS	ND(0.47)	ND(0.44) [ND(0.42)]
1,3,5-Trinitrobenzene		NS	ND(0.860)	NS	NS	ND(0.950)	ND(0.870) [ND(0.840)]
1,3-Dichlorobenzene		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
1,3-Dinitrobenzene		NS	ND(2.20)	NS	NS	ND(2.40)	ND(2.20) [ND(2.10)]
1,4-Dichlorobenzene		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
1,4-Naphthoquinone		NS	ND(2.20)	NS	NS	ND(2.40)	ND(2.20) [ND(2.10)]
1-Naphthylamine		NS	ND(2.20)	NS	NS	ND(2.40)	ND(2.20) [ND(2.10)]
2,3,4,6-Tetrachlorophenol		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
2,4,5-Trichlorophenol		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
2,4,6-Trichlorophenol		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
2,4-Dichlorophenol		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
2,4-Dimethylphenol		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
2,4-Dinitrophenol		NS	ND(2.20)	NS	NS	ND(2.40)	ND(2.20) [ND(2.10)]
2,4-Dinitrotoluene		NS	ND(2.20)	NS	NS	ND(2.40)	ND(2.20) [ND(2.10)]
2,6-Dichlorophenol		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
2,6-Dinitrotoluene		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
2-Acetylaminofluorene		NS	ND(0.860)	NS	NS	ND(0.950)	ND(0.870) [ND(0.840)]
2-Chloronaphthalene		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
2-Chlorophenol		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
2-Methylnaphthalene		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
2-Methylphenol		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
2-Naphthylamine		NS	ND(2.20)	NS	NS	ND(2.40)	ND(2.20) [ND(2.10)]
2-Nitroaniline		NS	ND(2.20)	NS	NS	ND(2.40)	ND(2.20) [ND(2.10)]
2-Nitrophenol		NS	ND(0.860)	NS	NS	ND(0.950)	ND(0.870) [ND(0.840)]
2-Picoline		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
3&4-Methylphenol		NS	ND(0.860)	NS	NS	ND(0.950)	ND(0.870) [ND(0.840)]
3,3'-Dichlorobenzidine		NS	ND(2.20)	NS	NS	ND(2.40)	ND(2.20) [ND(2.10)]
3,3'-Dimethylbenzidine		NS	ND(2.20)	NS	NS	ND(2.40)	ND(2.20) [ND(2.10)]
3-Methylcholanthrene		NS	ND(0.860)	NS	NS	ND(0.950)	ND(0.870) [ND(0.840)]
3-Nitroaniline		NS	ND(2.20)	NS	NS	ND(2.40)	ND(2.20) [ND(2.10)]
4,6-Dinitro-2-methylphenol		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
4-Aminobiphenyl		NS	ND(0.860)	NS	NS	ND(0.950)	ND(0.870) [ND(0.840)]
4-Bromophenyl-phenylether		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
4-Chloro-3-Methylphenol		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
4-Chloroaniline		NS	ND(0.860)	NS	NS	ND(0.950)	ND(0.870) [ND(0.840)]
4-Chlorobenzilate		NS	ND(2.20)	NS	NS	ND(2.40)	ND(2.20) [ND(2.10)]
4-Chlorophenyl-phenylether		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
4-Nitroaniline		NS	ND(2.20)	NS	NS	ND(2.40)	ND(2.20) [ND(2.10)]
4-Nitrophenol		NS	ND(2.20)	NS	NS	ND(2.40)	ND(2.20) [ND(2.10)]
4-Nitroquinoline-1-oxide		NS	ND(2.2) J	NS	NS	ND(2.4) J	ND(2.20) [ND(2.10)]
4-Phenylenediamine		NS	ND(2.20)	NS	NS	ND(2.40)	ND(2.20) [ND(2.10)]
5-Nitro-o-toluidine		NS	ND(2.20)	NS	NS	ND(2.40)	ND(2.20) [ND(2.10)]
7,12-Dimethylbenz(a)anthracene		NS	ND(0.860)	NS	NS	ND(0.950)	ND(0.870) [ND(0.840)]
a,a'-Dimethylphenethylamine		NS	ND(2.20)	NS	NS	ND(2.40)	ND(2.20) [ND(2.10)]
Acenaphthene		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [0.630]
Acenaphthylene		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [0.440]
Acetophenone		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
Aniline		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
Anthracene		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [1.70]
Aramite		NS	ND(0.86) J	NS	NS	ND(0.95) J	ND(0.870) [ND(0.840)]
Benzidine		NS	ND(0.86)	NS	NS	ND(0.95)	ND(0.87) [ND(0.84)]
Benzo(a)anthracene		NS	ND(0.430)	NS	NS	ND(0.470)	0.600 [3.00]
Benzo(a)pyrene		NS	ND(0.430)	NS	NS	ND(0.470)	0.600 [2.80]
Benzo(b)fluoranthene		NS	ND(0.430)	NS	NS	ND(0.470)	0.540 [2.10]
Benzo(g,h,i)perylene		NS	ND(0.43) J	NS	NS	ND(0.47) J	ND(0.440) [1.90]
Benzo(k)fluoranthene		NS	ND(0.430)	NS	NS	ND(0.470)	0.510 [1.90]
Benzyl Alcohol		NS	ND(0.860)	NS	NS	ND(0.950)	ND(0.870) [ND(0.840)]
bis(2-Chloroethoxy)methane		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
bis(2-Chloroethyl)ether		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
bis(2-Chloroisopropyl)ether		NS	ND(0.43) J	NS	NS	ND(0.47) J	ND(0.440) [ND(0.420)]

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area:	4B	4C	4C	4C	4C	4C
	Sample ID:	X-18	CRA-1	CRA-1	CRA-2	CRA-2	CRA-3
	Sample Depth(Feet):	6-15	5-14	6-8	2-4	2-5	0-2
	Date Collected:	02/01/01	01/17/01	01/17/01	01/17/01	01/17/01	04/27/01
Semivolatile Organics (continued)							
bis(2-Ethylhexyl)phthalate		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
Butylbenzylphthalate		NS	ND(0.86) J	NS	NS	ND(0.95) J	ND(0.870) [ND(0.840)]
Chrysene		NS	ND(0.430)	NS	NS	ND(0.470)	0.540 [2.70]
Diallate		NS	ND(0.860)	NS	NS	ND(0.950)	ND(0.870) [ND(0.840)]
Dibenzo(a,h)anthracene		NS	ND(0.86) J	NS	NS	ND(0.95) J	ND(0.870) [ND(0.840)]
Dibenzofuran		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
Diethylphthalate		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
Dimethylphthalate		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
Di-n-Butylphthalate		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
Di-n-Octylphthalate		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
Diphenylamine		NS	ND(0.43)	NS	NS	ND(0.47)	ND(0.44) [ND(0.42)]
Ethyl Methanesulfonate		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
Fluoranthene		NS	ND(0.430)	NS	NS	ND(0.470)	1.20 [7.00]
Fluorene		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [0.840]
Hexachlorobenzene		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
Hexachlorobutadiene		NS	ND(0.860)	NS	NS	ND(0.950)	ND(0.870) [ND(0.840)]
Hexachlorocyclopentadiene		NS	ND(0.43) J	NS	NS	ND(0.47) J	ND(0.440) [ND(0.420)]
Hexachloroethane		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
Hexachlorophene		NS	ND(0.86) J	NS	NS	ND(0.95) J	ND(0.87) [ND(0.84)]
Hexachloropropene		NS	ND(0.43) J	NS	NS	ND(0.47) J	ND(0.440) [ND(0.420)]
Indeno(1,2,3-cd)pyrene		NS	ND(0.860)	NS	NS	ND(0.950)	ND(0.870) [2.10]
Isodrin		NS	ND(0.43)	NS	NS	ND(0.47)	ND(0.44) [ND(0.42)]
Isophorone		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
Isosafrole		NS	ND(0.860)	NS	NS	ND(0.950)	ND(0.870) [ND(0.840)]
Methapyrilene		NS	ND(2.20)	NS	NS	ND(2.40)	ND(2.20) [ND(2.10)]
Methyl Methanesulfonate		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
Naphthalene		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [0.830]
Nitrobenzene		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
N-Nitrosodiethylamine		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
N-Nitrosodimethylamine		NS	ND(2.10)	NS	NS	ND(2.40)	ND(2.20) [ND(2.10)]
N-Nitroso-di-n-butylamine		NS	ND(0.860)	NS	NS	ND(0.950)	ND(0.870) [ND(0.840)]
N-Nitroso-di-n-propylamine		NS	ND(0.860)	NS	NS	ND(0.950)	ND(0.870) [ND(0.840)]
N-Nitrosodiphenylamine		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
N-Nitrosomethylethylamine		NS	ND(0.860)	NS	NS	ND(0.950)	ND(0.840) [ND(0.840)]
N-Nitrosomorpholine		NS	ND(0.43) J	NS	NS	ND(0.47) J	ND(0.440) [ND(0.420)]
N-Nitrosopiperidine		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
N-Nitrosopyrrolidine		NS	ND(0.860)	NS	NS	ND(0.950)	ND(0.870) [ND(0.840)]
o,o,o-Triethylphosphorothioate		NS	ND(0.43)	NS	NS	ND(0.47)	ND(0.44) [ND(0.42)]
o-Toluidine		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
p-Dimethylaminoazobenzene		NS	ND(2.20)	NS	NS	ND(2.40)	ND(2.20) [ND(2.10)]
Pentachlorobenzene		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
Pentachloroethane		NS	ND(0.43)	NS	NS	ND(0.47)	ND(0.44) [ND(0.42)]
Pentachloronitrobenzene		NS	ND(2.20)	NS	NS	ND(2.40)	ND(2.20) [ND(2.10)]
Pentachlorophenol		NS	ND(2.20)	NS	NS	ND(2.40)	ND(2.20) [ND(2.10)]
Phenacetin		NS	ND(2.2) J	NS	NS	ND(2.4) J	ND(2.20) [ND(2.10)]
Phenanthrene		NS	ND(0.430)	NS	NS	ND(0.470)	0.640 [7.50]
Phenol		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
Pronamide		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
Pyrene		NS	ND(0.430)	NS	NS	ND(0.470)	0.880 [6.20]
Pyridine		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
Safrole		NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
Thionazin		NS	ND(0.43)	NS	NS	ND(0.47)	ND(0.44) [ND(0.42)]

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B X-18 6-15 02/01/01	4C CRA-1 5-14 01/17/01	4C CRA-1 6-8 01/17/01	4C CRA-2 2-4 01/17/01	4C CRA-2 2-5 01/17/01	4C CRA-3 0-2 04/27/01
Furans							
2,3,7,8-TCDF		ND(0.00040)	ND(0.0000098)	NS	NS	ND(0.000014)	NS
TCDFs (total)		ND(0.00040)	ND(0.0000098)	NS	NS	ND(0.000014)	NS
1,2,3,7,8-PeCDF		ND(0.0011)	ND(0.000014)	NS	NS	ND(0.000014)	NS
2,3,4,7,8-PeCDF		ND(0.0011)	ND(0.000013)	NS	NS	ND(0.000014)	NS
PeCDFs (total)		ND(0.0011)	ND(0.000014)	NS	NS	ND(0.000014)	NS
1,2,3,4,7,8-HxCDF		0.00039 J	ND(0.000017)	NS	NS	ND(0.000017)	NS
1,2,3,6,7,8-HxCDF		ND(0.00043) X	ND(0.000016)	NS	NS	ND(0.000020)	NS
1,2,3,7,8,9-HxCDF		0.00066 J	ND(0.000019)	NS	NS	ND(0.000016)	NS
2,3,4,6,7,8-HxCDF		0.00042 J	ND(0.000017)	NS	NS	ND(0.000014)	NS
HxCDFs (total)		0.0015	ND(0.000017)	NS	NS	ND(0.000014)	NS
1,2,3,4,6,7,8-HpCDF		0.00042 J	ND(0.0000096)	NS	NS	ND(0.000014)	NS
1,2,3,4,7,8,9-HpCDF		0.00041 J	ND(0.000012)	NS	NS	ND(0.000017)	NS
HpCDFs (total)		0.00083	ND(0.000010)	NS	NS	ND(0.000016)	NS
OCDF		0.0016 J	ND(0.000021)	NS	NS	ND(0.000024)	NS
Dioxins							
2,3,7,8-TCDD		ND(0.00032)	ND(0.000019)	NS	NS	ND(0.000012)	NS
TCDDs (total)		ND(0.00032)	ND(0.000019)	NS	NS	ND(0.000012)	NS
1,2,3,7,8-PeCDD		0.00049 J	ND(0.000020)	NS	NS	ND(0.000022)	NS
PeCDDs (total)		0.00049	ND(0.000020)	NS	NS	ND(0.000022)	NS
1,2,3,4,7,8-HxCDD		0.00041 J	ND(0.000013)	NS	NS	ND(0.000014)	NS
1,2,3,6,7,8-HxCDD		0.00047 J	ND(0.000013)	NS	NS	ND(0.000014)	NS
1,2,3,7,8,9-HxCDD		0.00052 J	ND(0.000019)	NS	NS	ND(0.000013)	NS
HxCDDs (total)		0.0014	ND(0.000013)	NS	NS	ND(0.000014)	NS
1,2,3,4,6,7,8-HpCDD		ND(0.00029)	ND(0.000016)	NS	NS	ND(0.000025)	NS
HpCDDs (total)		ND(0.00029)	ND(0.000016)	NS	NS	ND(0.000025)	NS
OCDD		ND(0.0014)	ND(0.000024)	NS	NS	ND(0.000039)	NS
Total TEQs (WHO TEFs)		0.0013	0.000029	NS	NS	0.000027	NS
Inorganics							
Antimony		NS	ND(12.0) J	NS	NS	ND(13.0) J	NS
Arsenic		NS	ND(19.0)	NS	NS	ND(21.0)	NS
Barium		NS	ND(38.0)	NS	NS	ND(43.0)	NS
Beryllium		NS	0.300	NS	NS	0.260	NS
Cadmium		NS	ND(1.90) J	NS	NS	ND(2.10) J	NS
Chromium		NS	9.20	NS	NS	12.0	NS
Cobalt		NS	12.0	NS	NS	15.0	NS
Copper		NS	26.0	NS	NS	39.0	NS
Cyanide		NS	ND(1.00)	NS	NS	ND(1.00)	NS
Lead		NS	14.0 J	NS	NS	12.0 J	NS
Mercury		NS	ND(0.260)	NS	NS	ND(0.280)	NS
Nickel		NS	17.0	NS	NS	26.0	NS
Selenium		NS	ND(0.960) J	NS	NS	ND(1.10) J	NS
Silver		NS	ND(0.960)	NS	NS	ND(1.10)	NS
Sulfide		NS	ND(6.40)	NS	NS	ND(7.10)	NS
Thallium		NS	ND(1.90) J	NS	NS	ND(2.10) J	NS
Tin		NS	ND(58.0)	NS	NS	ND(64.0)	NS
Vanadium		NS	ND(9.60)	NS	NS	ND(11.0)	NS
Zinc		NS	56.0 J	NS	NS	63.0 J	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4C CRA-3 5-14 01/17/01	4C CRA-3 10-12 01/17/01	4C CRA-5 0-2 01/18/01	4C CRA-6 2-5 01/18/01
Volatile Organics					
1,1,1,2-Tetrachloroethane		NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS
1,1,1-Trichloroethane		NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS
1,1,2,2-Tetrachloroethane		NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS
1,1,2-Trichloroethane		NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS
1,1-Dichloroethane		NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS
1,1-Dichloroethene		NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS
1,2,3-Trichloropropane		NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS
1,2-Dibromo-3-chloropropane		NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS
1,2-Dibromoethane		NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS
1,2-Dichloroethane		NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS
1,2-Dichloropropane		NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS
1,4-Dioxane		NS	ND(0.71) J [ND(0.64) J]	ND(0.20) J	NS
2-Butanone		NS	ND(0.10) [ND(0.10)]	ND(0.10)	NS
2-Chloro-1,3-butadiene		NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS
2-Chloroethylvinylether		NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS
2-Hexanone		NS	ND(0.071) J [ND(0.064) J]	ND(0.015)	NS
3-Chloropropene		NS	ND(0.071) [ND(0.064)]	ND(0.015)	NS
4-Methyl-2-pentanone		NS	ND(0.071) [ND(0.064)]	ND(0.015)	NS
Acetone		NS	ND(0.10) [ND(0.10)]	ND(0.10)	NS
Acetonitrile		NS	ND(0.71) [ND(0.64)]	ND(0.15)	NS
Acrolein		NS	ND(0.71) J [ND(0.64) J]	ND(0.15) J	NS
Acrylonitrile		NS	ND(0.071) [ND(0.064)]	ND(0.015)	NS
Benzene		NS	1.80 [1.80]	ND(0.00740)	NS
Bromodichloromethane		NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS
Bromoform		NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS
Bromomethane		NS	ND(0.071) [ND(0.064)]	ND(0.015)	NS
Carbon Disulfide		NS	ND(0.036) [ND(0.032)]	ND(0.010)	NS
Carbon Tetrachloride		NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS
Chlorobenzene		NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS
Chloroethane		NS	ND(0.071) [ND(0.064)]	ND(0.015)	NS
Chloroform		NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS
Chloromethane		NS	ND(0.071) [ND(0.064)]	ND(0.015)	NS
cis-1,3-Dichloropropene		NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS
Dibromochloromethane		NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS
Dibromomethane		NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS
Dichlorodifluoromethane		NS	ND(0.071) [ND(0.064)]	ND(0.015)	NS
Ethyl Methacrylate		NS	ND(0.071) [ND(0.064)]	ND(0.015)	NS
Ethylbenzene		NS	70.0 [62.0]	ND(0.00740)	NS
Iodomethane		NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS
Isobutanol		NS	ND(1.4) J [ND(1.3) J]	ND(0.30) J	NS
Methacrylonitrile		NS	ND(0.071) [ND(0.064)]	ND(0.015)	NS
Methyl Methacrylate		NS	ND(0.071) [ND(0.064)]	ND(0.015)	NS
Methylene Chloride		NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS
Propionitrile		NS	ND(0.36) J [ND(0.32) J]	ND(0.074) J	NS
Styrene		NS	140 [160]	ND(0.00740)	NS
Tetrachloroethene		NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS
Toluene		NS	60.0 [56.0]	ND(0.00740)	NS
trans-1,2-Dichloroethene		NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS
trans-1,3-Dichloropropene		NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS
trans-1,4-Dichloro-2-butene		NS	ND(0.071) [ND(0.064)]	ND(0.015)	NS
Trichloroethene		NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS
Trichlorofluoromethane		NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS
Vinyl Acetate		NS	ND(0.071) [ND(0.064)]	ND(0.015)	NS
Vinyl Chloride		NS	ND(0.071) [ND(0.064)]	ND(0.015)	NS
Xylenes (total)		NS	240 [250]	ND(0.0074)	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Averaging Area / Sample ID / Sample Depth(Feet) / Date Collected:	4C CRA-3 5-14 01/17/01	4C CRA-3 10-12 01/17/01	4C CRA-5 0-2 01/18/01	4C CRA-6 2-5 01/18/01
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(2.3) J [ND(2.1) J]	NS	ND(0.540)	ND(0.510)
1,2,4-Trichlorobenzene	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
1,2-Dichlorobenzene	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
1,2-Diphenylhydrazine	ND(2.3) [ND(2.1)]	NS	ND(0.54)	ND(0.51)
1,3,5-Trinitrobenzene	ND(4.70) [ND(4.2)]	NS	ND(1.10)	ND(1.00)
1,3-Dichlorobenzene	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
1,3-Dinitrobenzene	ND(12.0) [ND(10)]	NS	ND(2.70)	ND(2.60)
1,4-Dichlorobenzene	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
1,4-Naphthoquinone	ND(12.0) [ND(10)]	NS	ND(2.70)	ND(2.60)
1-Naphthylamine	ND(12.0) [ND(10)]	NS	ND(2.70)	ND(2.60)
2,3,4,6-Tetrachlorophenol	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
2,4,5-Trichlorophenol	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
2,4,6-Trichlorophenol	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
2,4-Dichlorophenol	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
2,4-Dimethylphenol	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
2,4-Dinitrophenol	ND(12.0) [ND(10)]	NS	ND(2.70)	ND(2.60)
2,4-Dinitrotoluene	ND(12.0) [ND(10)]	NS	ND(2.70)	ND(2.60)
2,6-Dichlorophenol	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
2,6-Dinitrotoluene	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
2-Acetylaminofluorene	ND(4.70) [ND(4.2)]	NS	ND(1.10)	ND(1.00)
2-Chloronaphthalene	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
2-Chlorophenol	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
2-Methylnaphthalene	290 [280]	NS	ND(0.540)	ND(0.510)
2-Methylphenol	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
2-Naphthylamine	ND(12.0) [ND(10)]	NS	ND(2.70)	ND(2.60)
2-Nitroaniline	ND(12.0) [ND(10)]	NS	ND(2.70)	ND(2.60)
2-Nitrophenol	ND(4.70) [ND(4.2)]	NS	ND(1.10)	ND(1.00)
2-Picoline	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
3&4-Methylphenol	ND(4.70) [ND(4.2)]	NS	ND(1.10)	ND(1.00)
3,3'-Dichlorobenzidine	ND(12.0) [ND(10)]	NS	ND(2.70)	ND(2.60)
3,3'-Dimethylbenzidine	ND(12.0) [ND(10)]	NS	ND(2.70)	ND(2.60)
3-Methylcholanthrene	ND(4.70) [ND(4.2)]	NS	ND(1.10)	ND(1.00)
3-Nitroaniline	ND(12.0) [ND(10)]	NS	ND(2.70)	ND(2.60)
4,6-Dinitro-2-methylphenol	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
4-Aminobiphenyl	ND(4.70) [ND(4.2)]	NS	ND(1.10)	ND(1.00)
4-Bromophenyl-phenylether	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
4-Chloro-3-Methylphenol	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
4-Chloroaniline	ND(4.70) [ND(4.2)]	NS	ND(1.1) J	ND(1.0) J
4-Chlorobenzilate	ND(12.0) [ND(10)]	NS	ND(2.70)	ND(2.60)
4-Chlorophenyl-phenylether	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
4-Nitroaniline	ND(12.0) [ND(10)]	NS	ND(2.70)	ND(2.60)
4-Nitrophenol	ND(12.0) [ND(10)]	NS	ND(2.70)	ND(2.60)
4-Nitroquinoline-1-oxide	ND(12) J [ND(10) J]	NS	ND(2.7) J	ND(2.6) J
4-Phenylenediamine	ND(12.0) [ND(10)]	NS	ND(2.70)	ND(2.60)
5-Nitro-o-toluidine	ND(12.0) [ND(10)]	NS	ND(2.70)	ND(2.60)
7,12-Dimethylbenz(a)anthracene	ND(4.70) [ND(4.2)]	NS	ND(1.10)	ND(1.00)
a,a'-Dimethylphenethylamine	ND(12.0) [ND(10)]	NS	ND(2.70)	ND(2.60)
Acenaphthene	15.0 [16]	NS	ND(0.540)	ND(0.510)
Acenaphthylene	43.0 [39]	NS	ND(0.540)	ND(0.510)
Acetophenone	ND(2.30) [ND(2.1)]	NS	ND(0.54) J	ND(0.51) J
Aniline	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
Anthracene	38.0 [36]	NS	ND(0.540)	ND(0.510)
Aramite	ND(4.7) J [ND(4.2) J]	NS	ND(1.1) J	ND(1.0) J
Benzidine	ND(4.7) [ND(4.2)]	NS	ND(1.1)	ND(1.0)
Benzo(a)anthracene	42.0 [38]	NS	ND(0.540)	ND(0.510)
Benzo(a)pyrene	49.0 [53]	NS	ND(0.540)	ND(0.510)
Benzo(b)fluoranthene	23.0 [24]	NS	ND(0.540)	ND(0.510)
Benzo(g,h,i)perylene	34 J [33 J]	NS	ND(0.540)	ND(0.510)
Benzo(k)fluoranthene	31.0 [27]	NS	ND(0.540)	ND(0.510)
Benzyl Alcohol	ND(4.70) [ND(4.2)]	NS	ND(1.10)	ND(1.00)
bis(2-Chloroethoxy)methane	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
bis(2-Chloroethyl)ether	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
bis(2-Chloroisopropyl)ether	ND(2.3) J [ND(2.1) J]	NS	ND(0.54) J	ND(0.51) J

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4C CRA-3 5-14 01/17/01	4C CRA-3 10-12 01/17/01	4C CRA-5 0-2 01/18/01	4C CRA-6 2-5 01/18/01
Semivolatile Organics (continued)					
bis(2-Ethylhexyl)phthalate		ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
Butylbenzylphthalate		ND(4.7) J [ND(4.2) J]	NS	ND(1.10)	ND(1.00)
Chrysene		39.0 [36]	NS	ND(0.540)	ND(0.510)
Diallate		ND(4.70) [ND(4.2)]	NS	ND(1.10)	ND(1.00)
Dibenzo(a,h)anthracene		6.5 J [5.5 J]	NS	ND(1.10)	ND(1.00)
Dibenzofuran		8.30 [8.0]	NS	ND(0.540)	ND(0.510)
Diethylphthalate		ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
Dimethylphthalate		ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
Di-n-Butylphthalate		ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
Di-n-Octylphthalate		ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
Diphenylamine		ND(2.3) [ND(2.1)]	NS	ND(0.54)	ND(0.51)
Ethyl Methanesulfonate		ND(2.30) [ND(2.1)]	NS	ND(0.54) J	ND(0.51) J
Fluoranthene		37.0 [33]	NS	ND(0.540)	ND(0.510)
Fluorene		47.0 [82]	NS	ND(0.540)	ND(0.510)
Hexachlorobenzene		ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
Hexachlorobutadiene		ND(4.70) [ND(4.2)]	NS	ND(1.10)	ND(1.00)
Hexachlorocyclopentadiene		ND(2.3) J [ND(2.1) J]	NS	ND(0.540)	ND(0.510)
Hexachloroethane		ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
Hexachlorophene		ND(4.7) J [ND(4.2) J]	NS	ND(1.1) J	ND(1.0) J
Hexachloropropene		ND(2.3) J [ND(2.1) J]	NS	ND(0.54) J	ND(0.51) J
Indeno(1,2,3-cd)pyrene		27.0 [27]	NS	ND(1.10)	ND(1.00)
Isodrin		ND(2.3) [ND(2.1)]	NS	ND(0.54)	ND(0.51)
Isophorone		ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
Isosafrole		ND(4.70) [ND(4.2)]	NS	ND(1.10)	ND(1.00)
Methapyrilene		ND(12.0) [ND(10)]	NS	ND(2.7) J	ND(2.6) J
Methyl Methanesulfonate		ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
Naphthalene		430 [420]	NS	ND(0.540)	ND(0.510)
Nitrobenzene		ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
N-Nitrosodiethylamine		ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
N-Nitrosodimethylamine		ND(12.0) [ND(10)]	NS	ND(2.70)	ND(2.60)
N-Nitroso-di-n-butylamine		ND(4.70) [ND(4.2)]	NS	ND(1.1) J	ND(1.0) J
N-Nitroso-di-n-propylamine		ND(4.70) [ND(4.2)]	NS	ND(1.10)	ND(1.00)
N-Nitrosodiphenylamine		ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
N-Nitrosomethylethylamine		ND(2.30) [ND(2.1)]	NS	ND(0.990)	ND(0.980)
N-Nitrosomorpholine		ND(2.3) J [ND(2.1) J]	NS	ND(0.540)	ND(0.510)
N-Nitrosopiperidine		ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
N-Nitrosopyrrolidine		ND(4.70) [ND(4.2)]	NS	ND(1.1) J	ND(1.0) J
o,o,o-Triethylphosphorothioate		ND(2.3) [ND(2.1)]	NS	ND(0.54)	ND(0.51)
o-Toluidine		ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
p-Dimethylaminoazobenzene		ND(12.0) [ND(10)]	NS	ND(2.70)	ND(2.60)
Pentachlorobenzene		ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
Pentachloroethane		ND(2.3) [ND(2.1)]	NS	ND(0.54)	ND(0.51)
Pentachloronitrobenzene		ND(12.0) [ND(10)]	NS	ND(2.7) J	ND(2.6) J
Pentachlorophenol		ND(12.0) [ND(10)]	NS	ND(2.70)	ND(2.60)
Phenacetin		ND(12) J [ND(10) J]	NS	ND(2.70)	ND(2.60)
Phenanthrene		230 [230]	NS	ND(0.540)	ND(0.510)
Phenol		ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
Pronamide		ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
Pyrene		200 [210]	NS	0.320 J	ND(0.510)
Pyridine		ND(2.30) [ND(2.1)]	NS	ND(0.54) J	ND(0.51) J
Safrole		ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
Thionazin		ND(2.3) [ND(2.1)]	NS	ND(0.54)	ND(0.51)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4C / CRA-3 / 5-14 / 01/17/01	4C / CRA-3 / 10-12 / 01/17/01	4C / CRA-5 / 0-2 / 01/18/01	4C / CRA-6 / 2-5 / 01/18/01
Furans					
2,3,7,8-TCDF		ND(0.000018) [ND(0.000038)]	NS	0.000011	ND(0.000026)
TCDFs (total)		ND(0.000018) [ND(0.000038)]	NS	0.000099	ND(0.000026)
1,2,3,7,8-PeCDF		ND(0.000032) [ND(0.000099)]	NS	0.0000026	ND(0.000031)
2,3,4,7,8-PeCDF		ND(0.000032) [ND(0.000098)]	NS	0.0000035	ND(0.000031)
PeCDFs (total)		ND(0.000032) [ND(0.000099)]	NS	0.000048	ND(0.000031)
1,2,3,4,7,8-HxCDF		ND(0.000014) [ND(0.000047)]	NS	0.0000025	ND(0.000021)
1,2,3,6,7,8-HxCDF		ND(0.000017) [ND(0.000044)]	NS	0.0000018 J	ND(0.000020)
1,2,3,7,8,9-HxCDF		ND(0.000015) [ND(0.000052)]	NS	ND(0.00000031)	ND(0.000023)
2,3,4,6,7,8-HxCDF		ND(0.000014) [ND(0.000048)]	NS	0.0000028	ND(0.000021)
HxCDFs (total)		ND(0.000014) [ND(0.000047)]	NS	0.000038	ND(0.000021)
1,2,3,4,6,7,8-HpCDF		ND(0.000017) [ND(0.000021)]	NS	0.0000079	ND(0.000023)
1,2,3,4,7,8,9-HpCDF		ND(0.000020) [ND(0.000025)]	NS	0.00000089 J	ND(0.000028)
HpCDFs (total)		ND(0.000018) [ND(0.000023)]	NS	0.000022	ND(0.000025)
OCDF		ND(0.000034) [ND(0.000039)]	NS	0.000018	ND(0.000048)
Dioxins					
2,3,7,8-TCDD		ND(0.000017) [ND(0.000031)]	NS	ND(0.00000023) X	ND(0.000026)
TCDDs (total)		ND(0.000017) [ND(0.000031)]	NS	0.0000011	ND(0.000029)
1,2,3,7,8-PeCDD		ND(0.000018) [ND(0.000063)]	NS	ND(0.00000027) X	ND(0.000037)
PeCDDs (total)		ND(0.000018) [ND(0.000063)]	NS	0.0000020	ND(0.000037)
1,2,3,4,7,8-HxCDD		ND(0.000014) [ND(0.000036)]	NS	0.00000023 J	ND(0.000027)
1,2,3,6,7,8-HxCDD		ND(0.000014) [ND(0.000036)]	NS	0.00000068 J	ND(0.000026)
1,2,3,7,8,9-HxCDD		0.000024 J [ND(0.000033)]	NS	0.00000039 J	ND(0.000024)
HxCDDs (total)		0.000024 [ND(0.000035)]	NS	0.0000053	ND(0.000026)
1,2,3,4,6,7,8-HpCDD		ND(0.000022) [ND(0.000030)]	NS	0.000012	ND(0.000035)
HpCDDs (total)		ND(0.000022) [ND(0.000030)]	NS	0.000023	ND(0.000035)
OCDD		ND(0.000044) [ND(0.000050)]	NS	0.000082	ND(0.000060)
Total TEQs (WHO TEFs)		0.000034 [0.000091]	NS	0.0000043	0.000050
Inorganics					
Antimony		ND(13.0) J [ND(11.0) J]	NS	ND(15.0)	ND(15.0)
Arsenic		ND(21.0) [ND(19.0)]	NS	ND(22.0)	ND(22.0)
Barium		49.0 [48.0]	NS	47.0	ND(44.0)
Beryllium		0.420 [0.340]	NS	ND(1.50)	ND(1.50)
Cadmium		ND(2.10) J [ND(1.90) J]	NS	ND(2.20)	ND(2.20)
Chromium		13.0 [12.0]	NS	12.0	9.60
Cobalt		12.0 [9.60]	NS	ND(15.0)	15.0
Copper		28.0 [21.0]	NS	41.0	41.0
Cyanide		ND(1.00) [ND(1.00)]	NS	ND(1.00)	ND(1.00)
Lead		24.0 J [23.0 J]	NS	ND(30.0)	ND(29.0)
Mercury		ND(0.280) [ND(0.250)]	NS	ND(0.300)	ND(0.290)
Nickel		24.0 [22.0]	NS	26.0	24.0
Selenium		ND(1.10) J [ND(0.950)]	NS	ND(1.50)	ND(1.50)
Silver		ND(1.10) [ND(0.950)]	NS	ND(3.00)	ND(2.90)
Sulfide		73.0 [71.0]	NS	12.0	ND(7.30)
Thallium		ND(2.10) J [ND(1.90)]	NS	ND(3.00)	ND(2.90)
Tin		ND(64.0) [ND(57.0)]	NS	ND(11.0)	ND(11.0)
Vanadium		ND(11.0) [9.60]	NS	ND(15.0)	ND(15.0)
Zinc		98.0 J [82.0 J]	NS	99.0	53.0

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4C / CRA-6 / 4-5 / 01/18/01	4C / CRA-7 / 0-2 / 01/18/01	4C / CRA-7 / 0-2 / 01/03/02	4C / CRA-8 / 2-4 / 01/22/01	4C / CRA-8 / 2-5 / 01/22/01	4C / CRA-9 / 5-14 / 01/22/01
Volatile Organics							
1,1,1,2-Tetrachloroethane		ND(0.0073)	ND(0.0072)	NS	ND(0.0061)	NS	NS
1,1,1-Trichloroethane		ND(0.0073)	ND(0.0072)	NS	ND(0.0061)	NS	NS
1,1,2,2-Tetrachloroethane		ND(0.0073)	ND(0.0072)	NS	ND(0.0061)	NS	NS
1,1,2-Trichloroethane		ND(0.0073)	ND(0.0072)	NS	ND(0.0061)	NS	NS
1,1-Dichloroethane		ND(0.0073)	ND(0.0072)	NS	ND(0.0061)	NS	NS
1,1-Dichloroethene		ND(0.0073)	ND(0.0072)	NS	ND(0.0061)	NS	NS
1,2,3-Trichloropropane		ND(0.0073)	ND(0.0072)	ND(0.0063)	ND(0.0061)	NS	NS
1,2-Dibromo-3-chloropropane		ND(0.0073)	ND(0.0072)	NS	ND(0.0061)	NS	NS
1,2-Dibromoethane		ND(0.0073)	ND(0.0072)	ND(0.0063)	ND(0.0061)	NS	NS
1,2-Dichloroethane		ND(0.0073)	ND(0.0072)	NS	ND(0.0061)	NS	NS
1,2-Dichloropropane		ND(0.0073)	ND(0.0072)	NS	ND(0.0061)	NS	NS
1,4-Dioxane		ND(0.20) J	ND(0.20) J	NS	ND(0.20) J	NS	NS
2-Butanone		ND(0.10)	ND(0.10)	NS	ND(0.10)	NS	NS
2-Chloro-1,3-butadiene		ND(0.0073)	ND(0.0072)	NS	ND(0.0061)	NS	NS
2-Chloroethylvinylether		ND(0.0073)	ND(0.0072)	NS	ND(0.0061)	NS	NS
2-Hexanone		ND(0.015)	ND(0.014)	NS	ND(0.012)	NS	NS
3-Chloropropene		ND(0.015)	ND(0.014)	NS	ND(0.012)	NS	NS
4-Methyl-2-pentanone		ND(0.015)	ND(0.014)	NS	ND(0.012)	NS	NS
Acetone		ND(0.10)	ND(0.10)	NS	ND(0.10)	NS	NS
Acetonitrile		ND(0.15)	ND(0.14)	NS	ND(0.12)	NS	NS
Acrolein		ND(0.15) J	ND(0.14) J	ND(0.13) J	ND(0.12) J	NS	NS
Acrylonitrile		ND(0.015)	ND(0.014)	NS	ND(0.012)	NS	NS
Benzene		ND(0.00730)	ND(0.00720)	NS	ND(0.00610)	NS	NS
Bromodichloromethane		ND(0.0073)	ND(0.0072)	NS	ND(0.0061)	NS	NS
Bromoform		ND(0.0073)	ND(0.0072)	NS	ND(0.0061)	NS	NS
Bromomethane		ND(0.015)	ND(0.014)	NS	ND(0.012)	NS	NS
Carbon Disulfide		ND(0.010)	ND(0.010)	NS	ND(0.010)	NS	NS
Carbon Tetrachloride		ND(0.0073)	ND(0.0072)	NS	ND(0.0061)	NS	NS
Chlorobenzene		ND(0.0073)	ND(0.0072)	NS	ND(0.0061)	NS	NS
Chloroethane		ND(0.015)	ND(0.014)	NS	ND(0.012)	NS	NS
Chloroform		ND(0.0073)	ND(0.0072)	NS	ND(0.0061)	NS	NS
Chloromethane		ND(0.015)	ND(0.014)	NS	ND(0.012)	NS	NS
cis-1,3-Dichloropropene		ND(0.0073)	ND(0.0072)	NS	ND(0.0061)	NS	NS
Dibromochloromethane		ND(0.0073)	ND(0.0072)	NS	ND(0.0061)	NS	NS
Dibromomethane		ND(0.0073)	ND(0.0072)	NS	ND(0.0061)	NS	NS
Dichlorodifluoromethane		ND(0.015)	ND(0.014)	NS	ND(0.012)	NS	NS
Ethyl Methacrylate		ND(0.015)	ND(0.014)	NS	ND(0.012)	NS	NS
Ethylbenzene		ND(0.00730)	ND(0.00720)	NS	ND(0.00610)	NS	NS
Iodomethane		ND(0.0073)	ND(0.0072)	NS	ND(0.0061)	NS	NS
Isobutanol		ND(0.29) J	ND(0.29) J	NS	ND(0.24) J	NS	NS
Methacrylonitrile		ND(0.015)	ND(0.014)	NS	ND(0.012)	NS	NS
Methyl Methacrylate		ND(0.015)	ND(0.014)	NS	ND(0.012)	NS	NS
Methylene Chloride		ND(0.0073)	ND(0.0072)	NS	ND(0.0061)	NS	NS
Propionitrile		ND(0.073) J	ND(0.072) J	NS	ND(0.061) J	NS	NS
Styrene		ND(0.00730)	ND(0.00720)	NS	ND(0.00610)	NS	NS
Tetrachloroethene		ND(0.0073)	ND(0.0072)	NS	ND(0.0061)	NS	NS
Toluene		ND(0.00730)	ND(0.00720)	NS	ND(0.00610)	NS	NS
trans-1,2-Dichloroethene		ND(0.0073)	ND(0.0072)	NS	ND(0.0061)	NS	NS
trans-1,3-Dichloropropene		ND(0.0073)	ND(0.0072)	NS	ND(0.0061)	NS	NS
trans-1,4-Dichloro-2-butene		ND(0.015)	ND(0.014)	ND(0.0063)	ND(0.012)	NS	NS
Trichloroethene		ND(0.0073)	ND(0.0072)	NS	ND(0.0061)	NS	NS
Trichlorofluoromethane		ND(0.0073)	ND(0.0072)	NS	ND(0.0061)	NS	NS
Vinyl Acetate		ND(0.015)	ND(0.014)	NS	ND(0.012)	NS	NS
Vinyl Chloride		ND(0.015)	ND(0.014)	NS	ND(0.012)	NS	NS
Xylenes (total)		ND(0.0073)	ND(0.014)	NS	ND(0.0061)	NS	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4C CRA-6 4-5 01/18/01	4C CRA-7 0-2 01/18/01	4C CRA-7 0-2 01/03/02	4C CRA-8 2-4 01/22/01	4C CRA-8 2-5 01/22/01	4C CRA-9 5-14 01/22/01
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
1,2,4-Trichlorobenzene		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
1,2-Dichlorobenzene		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
1,2-Diphenylhydrazine		NS	ND(0.48)	ND(0.42)	NS	ND(0.40)	ND(0.42)
1,3,5-Trinitrobenzene		NS	ND(0.970)	NS	NS	ND(0.810)	ND(0.850)
1,3-Dichlorobenzene		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
1,3-Dinitrobenzene		NS	ND(2.40)	ND(0.850)	NS	ND(2.10)	ND(2.20)
1,4-Dichlorobenzene		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
1,4-Naphthoquinone		NS	ND(2.40)	NS	NS	ND(2.10)	ND(2.20)
1-Naphthylamine		NS	ND(2.40)	NS	NS	ND(2.10)	ND(2.20)
2,3,4,6-Tetrachlorophenol		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
2,4,5-Trichlorophenol		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
2,4,6-Trichlorophenol		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
2,4-Dichlorophenol		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
2,4-Dimethylphenol		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
2,4-Dinitrophenol		NS	ND(2.40)	NS	NS	ND(2.10)	ND(2.20)
2,4-Dinitrotoluene		NS	ND(2.40)	NS	NS	ND(2.10)	ND(2.20)
2,6-Dichlorophenol		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
2,6-Dinitrotoluene		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
2-Acetylaminofluorene		NS	ND(0.970)	NS	NS	ND(0.810)	ND(0.850)
2-Chloronaphthalene		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
2-Chlorophenol		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
2-Methylnaphthalene		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
2-Methylphenol		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
2-Naphthylamine		NS	ND(2.40)	NS	NS	ND(2.10)	ND(2.20)
2-Nitroaniline		NS	ND(2.40)	ND(2.20)	NS	ND(2.10)	ND(2.20)
2-Nitrophenol		NS	ND(0.970)	NS	NS	ND(0.810)	ND(0.850)
2-Picoline		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
3&4-Methylphenol		NS	ND(0.970)	NS	NS	ND(0.810)	ND(0.850)
3,3'-Dichlorobenzidine		NS	ND(2.40)	ND(0.850)	NS	ND(2.10)	ND(2.20)
3,3'-Dimethylbenzidine		NS	ND(2.40)	ND(0.420)	NS	ND(2.1) J	ND(2.2) J
3-Methylcholanthrene		NS	ND(0.970)	NS	NS	ND(0.81) J	ND(0.85) J
3-Nitroaniline		NS	ND(2.40)	ND(2.20)	NS	ND(2.10)	ND(2.20)
4,6-Dinitro-2-methylphenol		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
4-Aminobiphenyl		NS	ND(0.970)	NS	NS	ND(0.810)	ND(0.850)
4-Bromophenyl-phenylether		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
4-Chloro-3-Methylphenol		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
4-Chloroaniline		NS	ND(0.97) J	NS	NS	ND(0.810)	ND(0.850)
4-Chlorobenzilate		NS	ND(2.40)	ND(0.850)	NS	ND(2.10)	ND(2.20)
4-Chlorophenyl-phenylether		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
4-Nitroaniline		NS	ND(2.40)	ND(0.850)	NS	ND(2.10)	ND(2.20)
4-Nitrophenol		NS	ND(2.40)	NS	NS	ND(2.1) J	ND(2.2) J
4-Nitroquinoline-1-oxide		NS	ND(2.4) J	NS	NS	ND(2.1) J	ND(2.2) J
4-Phenylenediamine		NS	ND(2.40)	NS	NS	ND(2.10)	ND(2.20)
5-Nitro-o-toluidine		NS	ND(2.40)	NS	NS	ND(2.10)	ND(2.20)
7,12-Dimethylbenz(a)anthracene		NS	ND(0.970)	ND(0.850)	NS	ND(0.810)	ND(0.850)
a,a'-Dimethylphenethylamine		NS	ND(2.40)	NS	NS	ND(2.10)	ND(2.20)
Acenaphthene		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
Acenaphthylene		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
Acetophenone		NS	ND(0.48) J	ND(0.420)	NS	ND(0.400)	ND(0.420)
Aniline		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
Anthracene		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
Aramite		NS	ND(0.97) J	NS	NS	ND(0.81) J	ND(0.85) J
Benzidine		NS	ND(0.97)	ND(0.85) J	NS	ND(0.81) J	ND(0.85) J
Benzo(a)anthracene		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
Benzo(a)pyrene		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
Benzo(b)fluoranthene		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
Benzo(g,h,i)perylene		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
Benzo(k)fluoranthene		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
Benzyl Alcohol		NS	ND(0.970)	NS	NS	ND(0.810)	ND(0.850)
bis(2-Chloroethoxy)methane		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
bis(2-Chloroethyl)ether		NS	ND(0.480)	ND(0.420)	NS	ND(0.400)	ND(0.420)
bis(2-Chloroisopropyl)ether		NS	ND(0.48) J	NS	NS	ND(0.40) J	ND(0.42) J

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4C / CRA-6 / 4-5 / 01/18/01	4C / CRA-7 / 0-2 / 01/18/01	4C / CRA-7 / 0-2 / 01/03/02	4C / CRA-8 / 2-4 / 01/22/01	4C / CRA-8 / 2-5 / 01/22/01	4C / CRA-9 / 5-14 / 01/22/01
Semivolatile Organics (continued)							
bis(2-Ethylhexyl)phthalate		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
Butylbenzylphthalate		NS	ND(0.970)	NS	NS	ND(0.810)	ND(0.850)
Chrysene		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
Diallate		NS	ND(0.970)	NS	NS	ND(0.810)	ND(0.850)
Dibenzo(a,h)anthracene		NS	ND(0.970)	NS	NS	ND(0.810)	ND(0.850)
Dibenzofuran		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
Diethylphthalate		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
Dimethylphthalate		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
Di-n-Butylphthalate		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
Di-n-Octylphthalate		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
Diphenylamine		NS	ND(0.48)	NS	NS	ND(0.40)	ND(0.42)
Ethyl Methanesulfonate		NS	ND(0.48) J	NS	NS	ND(0.400)	ND(0.420)
Fluoranthene		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
Fluorene		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
Hexachlorobenzene		NS	ND(0.480)	ND(0.420)	NS	ND(0.400)	ND(0.420)
Hexachlorobutadiene		NS	ND(0.970)	NS	NS	ND(0.810)	ND(0.850)
Hexachlorocyclopentadiene		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
Hexachloroethane		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
Hexachlorophene		NS	ND(0.97) J	NS	NS	ND(0.81) J	ND(0.85) J
Hexachloropropene		NS	ND(0.48) J	NS	NS	ND(0.40) J	ND(0.42) J
Indeno(1,2,3-cd)pyrene		NS	ND(0.970)	NS	NS	ND(0.810)	ND(0.850)
Isodrin		NS	ND(0.48)	NS	NS	ND(0.40)	ND(0.42)
Isophorone		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
Isosafrole		NS	ND(0.970)	NS	NS	ND(0.810)	ND(0.850)
Methapyrilene		NS	ND(2.4) J	NS	NS	ND(2.1) J	ND(2.2) J
Methyl Methanesulfonate		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
Naphthalene		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
Nitrobenzene		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
N-Nitrosodiethylamine		NS	ND(0.480)	ND(0.420)	NS	ND(0.400)	ND(0.420)
N-Nitrosodimethylamine		NS	ND(2.40)	ND(0.420)	NS	ND(2.00)	ND(2.10)
N-Nitroso-di-n-butylamine		NS	ND(0.97) J	ND(0.850)	NS	ND(0.810)	ND(0.850)
N-Nitroso-di-n-propylamine		NS	ND(0.970)	ND(0.420)	NS	ND(0.810)	ND(0.850)
N-Nitrosodiphenylamine		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
N-Nitrosomethylethylamine		NS	ND(0.970)	ND(0.850)	NS	ND(0.810)	ND(0.850)
N-Nitrosomorpholine		NS	ND(0.480)	NS	NS	ND(0.40) J	ND(0.42) J
N-Nitrosopiperidine		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
N-Nitrosopyrrolidine		NS	ND(0.97) J	ND(0.850)	NS	ND(0.810)	ND(0.850)
o,o,o-Triethylphosphorothioate		NS	ND(0.48)	NS	NS	ND(0.40)	ND(0.42)
o-Toluidine		NS	ND(0.480)	ND(0.420)	NS	ND(0.400)	ND(0.420)
p-Dimethylaminoazobenzene		NS	ND(2.40)	NS	NS	ND(2.1) J	ND(2.2) J
Pentachlorobenzene		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
Pentachloroethane		NS	ND(0.48)	NS	NS	ND(0.40)	ND(0.42)
Pentachloronitrobenzene		NS	ND(2.4) J	ND(0.850)	NS	ND(2.1) J	ND(2.2) J
Pentachlorophenol		NS	ND(2.40)	ND(2.20)	NS	ND(2.10)	ND(2.20)
Phenacetin		NS	ND(2.40)	NS	NS	ND(2.1) J	ND(2.2) J
Phenanthrene		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
Phenol		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
Pronamide		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
Pyrene		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
Pyridine		NS	ND(0.48) J	NS	NS	ND(0.400)	ND(0.420)
Safrole		NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
Thionazin		NS	ND(0.48)	NS	NS	ND(0.40)	ND(0.42)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4C / CRA-6 / 4-5 / 01/18/01	4C / CRA-7 / 0-2 / 01/18/01	4C / CRA-7 / 0-2 / 01/03/02	4C / CRA-8 / 2-4 / 01/22/01	4C / CRA-8 / 2-5 / 01/22/01	4C / CRA-9 / 5-14 / 01/22/01
Furans							
2,3,7,8-TCDF		NS	ND(0.00000058)	NS	NS	ND(0.0000093)	ND(0.000011)
TCDFs (total)		NS	0.0000056	NS	NS	ND(0.0000093)	ND(0.000011)
1,2,3,7,8-PeCDF		NS	ND(0.00000023)	NS	NS	ND(0.0000099)	ND(0.000013)
2,3,4,7,8-PeCDF		NS	0.00000052 J	NS	NS	ND(0.0000098)	ND(0.000013)
PeCDFs (total)		NS	0.0000050	NS	NS	ND(0.0000099)	ND(0.000013)
1,2,3,4,7,8-HxCDF		NS	0.00000025 J	NS	NS	ND(0.0000080)	ND(0.0000091)
1,2,3,6,7,8-HxCDF		NS	0.00000024 J	NS	NS	ND(0.0000075)	ND(0.0000084)
1,2,3,7,8,9-HxCDF		NS	ND(0.000000070)	NS	NS	ND(0.0000088)	ND(0.000010)
2,3,4,6,7,8-HxCDF		NS	0.00000042 J	NS	NS	ND(0.0000081)	ND(0.0000092)
HxCDFs (total)		NS	0.0000048	NS	NS	ND(0.0000081)	ND(0.0000091)
1,2,3,4,6,7,8-HpCDF		NS	0.00000095 J	NS	NS	ND(0.0000086)	ND(0.0000094)
1,2,3,4,7,8,9-HpCDF		NS	0.00000014 J	NS	NS	ND(0.000010)	ND(0.000011)
HpCDFs (total)		NS	0.0000026	NS	NS	ND(0.0000094)	ND(0.000010)
OCDF		NS	ND(0.0000022)	NS	NS	ND(0.000024)	ND(0.000028)
Dioxins							
2,3,7,8-TCDD		NS	ND(0.000000065)	NS	NS	ND(0.000012)	ND(0.000018)
TCDDs (total)		NS	0.00000018	NS	NS	ND(0.000012)	ND(0.000018)
1,2,3,7,8-PeCDD		NS	ND(0.000000098) X	NS	NS	ND(0.000014)	ND(0.000016)
PeCDDs (total)		NS	0.00000015	NS	NS	ND(0.000014)	ND(0.000016)
1,2,3,4,7,8-HxCDD		NS	ND(0.000000061)	NS	NS	ND(0.000010)	ND(0.000011)
1,2,3,6,7,8-HxCDD		NS	ND(0.00000015) X	NS	NS	ND(0.0000099)	ND(0.000011)
1,2,3,7,8,9-HxCDD		NS	ND(0.00000012) X	NS	NS	ND(0.0000091)	ND(0.000010)
HxCDDs (total)		NS	0.00000026	NS	NS	ND(0.0000097)	ND(0.000011)
1,2,3,4,6,7,8-HpCDD		NS	0.0000022 J	NS	NS	ND(0.000015)	ND(0.000018)
HpCDDs (total)		NS	0.0000044	NS	NS	ND(0.000015)	ND(0.000018)
OCDD		NS	0.000016	NS	NS	ND(0.000037)	ND(0.000036)
Total TEQs (WHO TEFs)		NS	0.00000053	NS	NS	0.000019	0.000025
Inorganics							
Antimony		NS	ND(14.0)	NS	NS	ND(11.0)	ND(11.0)
Arsenic		NS	16.0	NS	NS	ND(18.0)	ND(19.0)
Barium		NS	39.0	NS	NS	ND(36.0)	ND(38.0)
Beryllium		NS	ND(1.40)	NS	NS	0.180	0.320
Cadmium		NS	ND(2.20)	NS	NS	ND(1.80)	ND(1.90)
Chromium		NS	15.0	NS	NS	9.60	10.0
Cobalt		NS	26.0	NS	NS	13.0	11.0
Copper		NS	110	NS	NS	42.0	23.0
Cyanide		NS	ND(1.00)	NS	NS	ND(1.00)	ND(1.00)
Lead		NS	36.0	NS	NS	15.0	10.0
Mercury		NS	ND(0.290)	NS	NS	ND(0.240)	ND(0.250)
Nickel		NS	35.0	NS	NS	23.0	20.0
Selenium		NS	ND(1.40)	NS	NS	ND(0.910)	ND(0.950)
Silver		NS	ND(2.90)	NS	NS	ND(0.910)	ND(0.950)
Sulfide		NS	ND(7.20)	NS	NS	9.50	8.10
Thallium		NS	ND(2.90)	NS	NS	ND(1.80)	ND(1.90)
Tin		NS	ND(11.0)	NS	NS	ND(54.0)	ND(57.0)
Vanadium		NS	ND(14.0)	NS	NS	ND(9.10)	ND(9.50)
Zinc		NS	170	NS	NS	61.0	58.0

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4C / CRA-9 / 12-14 / 01/22/01	4C / CRA-10 / 2-5 / 01/22/01	4C / CRA-10 / 4-5 / 01/22/01	4C / CRA-11 / 0-2 / 01/23/01	4C / CRA-12 / 0-2 / 01/23/01	4C / CRA-13 / 5-14 / 01/23/01
Volatile Organics							
1,1,1,2-Tetrachloroethane		ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
1,1,1-Trichloroethane		ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
1,1,2,2-Tetrachloroethane		ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
1,1,2-Trichloroethane		ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
1,1-Dichloroethane		ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
1,1-Dichloroethene		ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
1,2,3-Trichloropropane		ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
1,2-Dibromo-3-chloropropane		ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
1,2-Dibromoethane		ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
1,2-Dichloroethane		ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
1,2-Dichloropropane		ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
1,4-Dioxane		ND(0.20) J	NS	ND(0.20) J	ND(0.20) J	ND(0.20) J	NS
2-Butanone		ND(0.10)	NS	ND(0.10)	ND(0.10)	ND(0.10)	NS
2-Chloro-1,3-butadiene		ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
2-Chloroethylvinylether		ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
2-Hexanone		ND(0.013)	NS	ND(0.013)	ND(0.014)	ND(0.014)	NS
3-Chloropropene		ND(0.013)	NS	ND(0.013)	ND(0.014)	ND(0.014)	NS
4-Methyl-2-pentanone		ND(0.013)	NS	ND(0.013)	ND(0.014)	ND(0.014)	NS
Acetone		ND(0.10)	NS	ND(0.10)	ND(0.10)	ND(0.10)	NS
Acetonitrile		ND(0.13)	NS	ND(0.13)	ND(0.14)	ND(0.14)	NS
Acrolein		ND(0.13) J	NS	ND(0.13) J	ND(0.14) J	ND(0.14) J	NS
Acrylonitrile		ND(0.013)	NS	ND(0.013)	ND(0.014)	ND(0.014)	NS
Benzene		ND(0.00640)	NS	ND(0.00670)	ND(0.00700)	ND(0.00690)	NS
Bromodichloromethane		ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
Bromoform		ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
Bromomethane		ND(0.013)	NS	ND(0.013)	ND(0.014)	ND(0.014)	NS
Carbon Disulfide		ND(0.010)	NS	ND(0.010)	ND(0.010)	ND(0.010)	NS
Carbon Tetrachloride		ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
Chlorobenzene		ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
Chloroethane		ND(0.013)	NS	ND(0.013)	ND(0.014)	ND(0.014)	NS
Chloroform		ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
Chloromethane		ND(0.013)	NS	ND(0.013)	ND(0.014)	ND(0.014)	NS
cis-1,3-Dichloropropene		ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
Dibromochloromethane		ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
Dibromomethane		ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
Dichlorodifluoromethane		ND(0.013)	NS	ND(0.013)	ND(0.014)	ND(0.014)	NS
Ethyl Methacrylate		ND(0.013)	NS	ND(0.013)	ND(0.014)	ND(0.014)	NS
Ethylbenzene		ND(0.00640)	NS	ND(0.00670)	ND(0.00700)	ND(0.00690)	NS
Iodomethane		ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
Isobutanol		ND(0.25) J	NS	ND(0.27) J	ND(0.28) J	ND(0.28) J	NS
Methacrylonitrile		ND(0.013)	NS	ND(0.013)	ND(0.014)	ND(0.014)	NS
Methyl Methacrylate		ND(0.013)	NS	ND(0.013)	ND(0.014)	ND(0.014)	NS
Methylene Chloride		ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
Propionitrile		ND(0.064) J	NS	ND(0.067) J	ND(0.070) J	ND(0.069) J	NS
Styrene		ND(0.00640)	NS	ND(0.00670)	ND(0.00700)	ND(0.00690)	NS
Tetrachloroethene		ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
Toluene		ND(0.00640)	NS	ND(0.00670)	ND(0.00700)	ND(0.00690)	NS
trans-1,2-Dichloroethene		ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
trans-1,3-Dichloropropene		ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
trans-1,4-Dichloro-2-butene		ND(0.013)	NS	ND(0.013)	ND(0.014)	ND(0.014)	NS
Trichloroethene		ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
Trichlorofluoromethane		ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
Vinyl Acetate		ND(0.013)	NS	ND(0.013)	ND(0.014)	ND(0.014)	NS
Vinyl Chloride		ND(0.013)	NS	ND(0.013)	ND(0.014)	ND(0.014)	NS
Xylenes (total)		ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.014)	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Averaging Area:	4C	4C	4C	4C	4C	4C
Sample ID:	CRA-9	CRA-10	CRA-10	CRA-11	CRA-12	CRA-13
Sample Depth(Feet):	12-14	2-5	4-5	0-2	0-2	5-14
Date Collected:	01/22/01	01/22/01	01/22/01	01/23/01	01/23/01	01/23/01
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
1,2,4-Trichlorobenzene	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
1,2-Dichlorobenzene	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
1,2-Diphenylhydrazine	NS	ND(0.44)	NS	ND(0.47)	ND(0.46)	ND(0.54)
1,3,5-Trinitrobenzene	NS	ND(0.900)	NS	ND(0.940)	ND(0.920)	ND(1.10)
1,3-Dichlorobenzene	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
1,3-Dinitrobenzene	NS	ND(2.30)	NS	ND(2.4) J	ND(2.3) J	ND(2.80)
1,4-Dichlorobenzene	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
1,4-Naphthoquinone	NS	ND(2.30)	NS	ND(2.40)	ND(2.30)	ND(2.80)
1-Naphthylamine	NS	ND(2.30)	NS	ND(2.40)	ND(2.30)	ND(2.8) J
2,3,4,6-Tetrachlorophenol	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
2,4,5-Trichlorophenol	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
2,4,6-Trichlorophenol	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
2,4-Dichlorophenol	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
2,4-Dimethylphenol	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
2,4-Dinitrophenol	NS	ND(2.30)	NS	ND(2.40)	ND(2.30)	ND(2.80)
2,4-Dinitrotoluene	NS	ND(2.30)	NS	ND(2.40)	ND(2.30)	ND(2.80)
2,6-Dichlorophenol	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
2,6-Dinitrotoluene	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.54) J
2-Acetylaminofluorene	NS	ND(0.900)	NS	ND(0.940)	ND(0.920)	ND(1.1) J
2-Chloronaphthalene	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
2-Chlorophenol	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
2-Methylnaphthalene	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
2-Methylphenol	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
2-Naphthylamine	NS	ND(2.30)	NS	ND(2.40)	ND(2.30)	ND(2.80)
2-Nitroaniline	NS	ND(2.30)	NS	ND(2.40)	ND(2.30)	ND(2.8) J
2-Nitrophenol	NS	ND(0.900)	NS	ND(0.940)	ND(0.920)	ND(1.10)
2-Picoline	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
3&4-Methylphenol	NS	ND(0.900)	NS	ND(0.940)	ND(0.920)	ND(1.10)
3,3'-Dichlorobenzidine	NS	ND(2.30)	NS	ND(2.40)	ND(2.30)	ND(2.8) J
3,3'-Dimethylbenzidine	NS	ND(2.3) J	NS	ND(2.4) J	ND(2.3) J	ND(2.8) J
3-Methylcholanthrene	NS	ND(0.90) J	NS	ND(0.94) J	ND(0.92) J	ND(1.10)
3-Nitroaniline	NS	ND(2.30)	NS	ND(2.40)	ND(2.30)	ND(2.80)
4,6-Dinitro-2-methylphenol	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
4-Aminobiphenyl	NS	ND(0.900)	NS	ND(0.94) J	ND(0.92) J	ND(1.10)
4-Bromophenyl-phenylether	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
4-Chloro-3-Methylphenol	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
4-Chloroaniline	NS	ND(0.900)	NS	ND(0.940)	ND(0.920)	ND(1.10)
4-Chlorobenzilate	NS	ND(2.30)	NS	ND(2.40)	ND(2.30)	ND(2.80)
4-Chlorophenyl-phenylether	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
4-Nitroaniline	NS	ND(2.30)	NS	ND(2.40)	ND(2.30)	ND(2.80)
4-Nitrophenol	NS	ND(2.3) J	NS	ND(2.40)	ND(2.30)	ND(2.80)
4-Nitroquinoline-1-oxide	NS	ND(2.3) J	NS	ND(2.4) J	ND(2.3) J	ND(2.8) J
4-Phenylenediamine	NS	ND(2.30)	NS	ND(2.40)	ND(2.30)	ND(2.80)
5-Nitro-o-toluidine	NS	ND(2.30)	NS	ND(2.40)	ND(2.30)	ND(2.80)
7,12-Dimethylbenz(a)anthracene	NS	ND(0.900)	NS	ND(0.940)	ND(0.920)	ND(1.10)
a,a'-Dimethylphenethylamine	NS	ND(2.30)	NS	ND(2.40)	ND(2.30)	ND(2.8) J
Acenaphthene	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
Acenaphthylene	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
Acetophenone	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
Aniline	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
Anthracene	NS	ND(0.440)	NS	0.100 J	ND(0.460)	ND(0.540)
Aramite	NS	ND(0.90) J	NS	ND(0.94) J	ND(0.92) J	ND(1.1) J
Benzidine	NS	ND(0.90) J	NS	ND(0.94) J	ND(0.92) J	ND(1.1)
Benzo(a)anthracene	NS	ND(0.440)	NS	0.560	ND(0.460)	ND(0.540)
Benzo(a)pyrene	NS	ND(0.440)	NS	0.490	ND(0.460)	ND(0.540)
Benzo(b)fluoranthene	NS	ND(0.440)	NS	0.600	ND(0.460)	ND(0.530)
Benzo(g,h,i)perylene	NS	ND(0.440)	NS	0.180 J	ND(0.460)	ND(0.540)
Benzo(k)fluoranthene	NS	ND(0.440)	NS	0.860	ND(0.460)	ND(0.540)
Benzyl Alcohol	NS	ND(0.900)	NS	ND(0.940)	ND(0.920)	ND(1.10)
bis(2-Chloroethoxy)methane	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
bis(2-Chloroethyl)ether	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
bis(2-Chloroisopropyl)ether	NS	ND(0.44) J	NS	ND(0.470)	ND(0.460)	ND(0.540)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	Averaging Area:	4C	4C	4C	4C	4C	4C
	Sample ID:	CRA-9	CRA-10	CRA-10	CRA-11	CRA-12	CRA-13
	Sample Depth(Feet):	12-14	2-5	4-5	0-2	0-2	5-14
	Date Collected:	01/22/01	01/22/01	01/22/01	01/23/01	01/23/01	01/23/01
Semivolatile Organics (continued)							
bis(2-Ethylhexyl)phthalate		NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
Butylbenzylphthalate		NS	ND(0.900)	NS	ND(0.94) J	ND(0.92) J	ND(1.1) J
Chrysene		NS	ND(0.440)	NS	1.10	ND(0.460)	ND(0.540)
Diallate		NS	ND(0.900)	NS	ND(0.940)	ND(0.920)	ND(1.10)
Dibenzo(a,h)anthracene		NS	ND(0.900)	NS	ND(0.940)	ND(0.920)	ND(1.10)
Dibenzofuran		NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
Diethylphthalate		NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
Dimethylphthalate		NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
Di-n-Butylphthalate		NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
Di-n-Octylphthalate		NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
Diphenylamine		NS	ND(0.44)	NS	ND(0.47)	ND(0.46)	ND(0.54)
Ethyl Methanesulfonate		NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
Fluoranthene		NS	ND(0.440)	NS	2.30	ND(0.460)	ND(0.540)
Fluorene		NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
Hexachlorobenzene		NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
Hexachlorobutadiene		NS	ND(0.900)	NS	ND(0.940)	ND(0.920)	ND(1.10)
Hexachlorocyclopentadiene		NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
Hexachloroethane		NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
Hexachlorophene		NS	ND(0.90) J	NS	ND(0.94) J	ND(0.92) J	ND(1.1) J
Hexachloropropene		NS	ND(0.44) J	NS	ND(0.470)	ND(0.460)	ND(0.54) J
Indeno(1,2,3-cd)pyrene		NS	ND(0.900)	NS	0.200 J	ND(0.920)	ND(1.10)
Isodrin		NS	ND(0.44)	NS	ND(0.47)	ND(0.46)	ND(0.54)
Isophorone		NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
Isosafrole		NS	ND(0.900)	NS	ND(0.940)	ND(0.920)	ND(1.10)
Methapyrilene		NS	ND(2.3) J	NS	ND(2.4) J	ND(2.3) J	ND(2.80)
Methyl Methanesulfonate		NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
Naphthalene		NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
Nitrobenzene		NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
N-Nitrosodiethylamine		NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
N-Nitrosodimethylamine		NS	ND(2.20)	NS	ND(2.30)	ND(2.20)	ND(2.70)
N-Nitroso-di-n-butylamine		NS	ND(0.900)	NS	ND(0.940)	ND(0.920)	ND(1.10)
N-Nitroso-di-n-propylamine		NS	ND(0.900)	NS	ND(0.940)	ND(0.920)	ND(1.10)
N-Nitrosodiphenylamine		NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
N-Nitrosomethylethylamine		NS	ND(0.900)	NS	ND(0.940)	ND(0.920)	ND(1.10)
N-Nitrosomorpholine		NS	ND(0.44) J	NS	ND(0.470)	ND(0.460)	ND(0.54) J
N-Nitrosopiperidine		NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
N-Nitrosopyrrolidine		NS	ND(0.900)	NS	ND(0.940)	ND(0.920)	ND(1.10)
o,o,o-Triethylphosphorothioate		NS	ND(0.44)	NS	ND(0.47)	ND(0.46)	ND(0.54)
o-Toluidine		NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
p-Dimethylaminoazobenzene		NS	ND(2.3) J	NS	ND(2.40)	ND(2.30)	ND(2.80)
Pentachlorobenzene		NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
Pentachloroethane		NS	ND(0.44)	NS	ND(0.47) J	ND(0.46) J	ND(0.54)
Pentachloronitrobenzene		NS	ND(2.3) J	NS	ND(2.40)	ND(2.30)	ND(2.8) J
Pentachlorophenol		NS	ND(2.30)	NS	ND(2.40)	ND(2.30)	ND(2.80)
Phenacetin		NS	ND(2.3) J	NS	ND(2.40)	ND(2.30)	ND(2.80)
Phenanthrene		NS	ND(0.440)	NS	0.670	ND(0.460)	ND(0.540)
Phenol		NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
Pronamide		NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
Pyrene		NS	ND(0.440)	NS	1.90	ND(0.460)	ND(0.540)
Pyridine		NS	ND(0.440)	NS	ND(0.47) J	ND(0.46) J	ND(0.540)
Safrole		NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
Thionazin		NS	ND(0.44)	NS	ND(0.47)	ND(0.46)	ND(0.54)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4C CRA-9 12-14 01/22/01	4C CRA-10 2-5 01/22/01	4C CRA-10 4-5 01/22/01	4C CRA-11 0-2 01/23/01	4C CRA-12 0-2 01/23/01	4C CRA-13 5-14 01/23/01
Furans							
2,3,7,8-TCDF		NS	ND(0.000011)	NS	0.000012	0.0000020	ND(0.000012)
TCDFs (total)		NS	ND(0.000011)	NS	0.000099 I	0.000014	ND(0.000012)
1,2,3,7,8-PeCDF		NS	ND(0.000015)	NS	0.0000033	0.00000064 J	ND(0.000017)
2,3,4,7,8-PeCDF		NS	ND(0.000015)	NS	0.000010	0.0000022 J	ND(0.000017)
PeCDFs (total)		NS	ND(0.000015)	NS	0.00012 I	0.000028	ND(0.000017)
1,2,3,4,7,8-HxCDF		NS	ND(0.0000084)	NS	0.0000042	0.0000011 J	ND(0.0000093)
1,2,3,6,7,8-HxCDF		NS	ND(0.0000078)	NS	0.0000037	0.00000098 J	ND(0.0000086)
1,2,3,7,8,9-HxCDF		NS	ND(0.0000092)	NS	ND(0.0000018)	ND(0.00000027)	ND(0.000010)
2,3,4,6,7,8-HxCDF		NS	ND(0.0000085)	NS	0.000010	0.0000023	ND(0.0000094)
HxCDFs (total)		NS	ND(0.0000084)	NS	0.00013	0.000031	ND(0.0000093)
1,2,3,4,6,7,8-HpCDF		NS	ND(0.0000097)	NS	0.000015	0.0000038	ND(0.000012)
1,2,3,4,7,8,9-HpCDF		NS	ND(0.000012)	NS	0.0000015 J	0.00000039 J	ND(0.000014)
HpCDFs (total)		NS	ND(0.000011)	NS	0.000037	0.0000081	ND(0.000013)
OCDF		NS	ND(0.000027)	NS	0.000013	0.0000037 J	ND(0.000029)
Dioxins							
2,3,7,8-TCDD		NS	ND(0.000014)	NS	ND(0.00000021) X	ND(0.00000013) X	ND(0.000021)
TCDDs (total)		NS	ND(0.000014)	NS	0.0000012 I	ND(0.00000029)	ND(0.000021)
1,2,3,7,8-PeCDD		NS	ND(0.000015)	NS	ND(0.0000020) X	ND(0.0000036) X	ND(0.000018)
PeCDDs (total)		NS	ND(0.000015)	NS	0.0000026	ND(0.00000054)	ND(0.000018)
1,2,3,4,7,8-HxCDD		NS	ND(0.000014)	NS	0.00000036 J	ND(0.000000087)	ND(0.000013)
1,2,3,6,7,8-HxCDD		NS	ND(0.000013)	NS	0.00000077 J	0.00000034 J	ND(0.000013)
1,2,3,7,8,9-HxCDD		NS	ND(0.000012)	NS	0.00000053 J	0.00000016 J	ND(0.000012)
HxCDDs (total)		NS	ND(0.000013)	NS	0.0000078	0.00000051	ND(0.000012)
1,2,3,4,6,7,8-HpCDD		NS	ND(0.000019)	NS	0.000011	0.0000021 J	ND(0.000021)
HpCDDs (total)		NS	ND(0.000019)	NS	0.000023	0.0000042	ND(0.000021)
OCDD		NS	ND(0.000035)	NS	0.000069	ND(0.000016)	ND(0.000036)
Total TEQs (WHO TEFs)		NS	0.000023	NS	0.0000098	0.0000038	0.000029
Inorganics							
Antimony		NS	ND(12.0) J	NS	ND(13.0) J	ND(12.0) J	ND(15.0) J
Arsenic		NS	ND(20.0)	NS	ND(21.0)	ND(15.0)	ND(24.0)
Barium		NS	ND(40.0)	NS	ND(42.0)	31.0	ND(49.0)
Beryllium		NS	0.270	NS	0.340	0.350	0.590
Cadmium		NS	ND(2.00)	NS	ND(2.10)	ND(2.10)	ND(2.40)
Chromium		NS	7.80	NS	10.0	12.0	11.0
Cobalt		NS	14.0	NS	14.0	14.0	13.0
Copper		NS	28.0	NS	47.0	58.0	34.0
Cyanide		NS	ND(1.00)	NS	ND(1.00)	ND(1.00)	ND(1.00)
Lead		NS	18.0 J	NS	64.0	21.0	16.0
Mercury		NS	ND(0.270)	NS	ND(0.280)	ND(0.280)	ND(0.330)
Nickel		NS	18.0	NS	25.0	25.0	21.0
Selenium		NS	ND(1.00) J	NS	ND(1.00)	ND(1.00)	ND(1.20)
Silver		NS	ND(1.00)	NS	ND(1.00)	ND(1.00)	ND(1.20)
Sulfide		NS	8.40	NS	9.00	13.0	ND(8.20)
Thallium		NS	ND(2.00)	NS	ND(2.10) J	ND(2.10) J	ND(2.40) J
Tin		NS	ND(60.0)	NS	ND(64.0)	ND(62.0)	ND(74.0)
Vanadium		NS	ND(10.0)	NS	ND(10.0)	11.0	ND(12.0)
Zinc		NS	53.0	NS	52.0	57.0	61.0

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	Averaging Area:	4C	4C	4C	4C	4C	4C
	Sample ID:	CRA-13	CRA-14	CRA-14	CRA-15	CRA-15	CRA-16
	Sample Depth(Feet):	10-12	0-2	0-2	5-14	6-8	0-2
Parameter	Date Collected:	01/23/01	01/19/01	01/03/02	01/19/01	01/19/01	01/19/01
Volatile Organics							
1,1,1,2-Tetrachloroethane		ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
1,1,1-Trichloroethane		ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
1,1,2,2-Tetrachloroethane		ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
1,1,2-Trichloroethane		ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
1,1-Dichloroethane		ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
1,1-Dichloroethene		ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
1,2,3-Trichloropropane		ND(0.0082)	ND(0.0064)	ND(0.0056)	NS	ND(0.0074)	ND(0.0067)
1,2-Dibromo-3-chloropropane		ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
1,2-Dibromoethane		ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
1,2-Dichloroethane		ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
1,2-Dichloropropane		ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
1,4-Dioxane		ND(0.20) J	ND(0.20) J	NS	NS	ND(0.20) J	ND(0.20) J
2-Butanone		ND(0.10)	ND(0.10)	NS	NS	ND(0.10)	ND(0.10)
2-Chloro-1,3-butadiene		ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
2-Chloroethylvinylether		ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
2-Hexanone		ND(0.016)	ND(0.013)	NS	NS	ND(0.015)	ND(0.013)
3-Chloropropene		ND(0.016)	ND(0.013)	NS	NS	ND(0.015)	ND(0.013)
4-Methyl-2-pentanone		ND(0.016)	ND(0.013)	NS	NS	ND(0.015)	ND(0.013)
Acetone		ND(0.10)	ND(0.10)	NS	NS	ND(0.10)	ND(0.10)
Acetonitrile		ND(0.16)	ND(0.13)	NS	NS	ND(0.15)	ND(0.13)
Acrolein		ND(0.16) J	ND(0.13) J	NS	NS	ND(0.15) J	ND(0.13) J
Acrylonitrile		ND(0.016)	ND(0.013)	NS	NS	ND(0.015)	ND(0.013)
Benzene		ND(0.00820)	ND(0.00640)	NS	NS	ND(0.00740)	ND(0.00670)
Bromodichloromethane		ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
Bromoform		ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
Bromomethane		ND(0.016)	ND(0.013)	NS	NS	ND(0.015)	ND(0.013)
Carbon Disulfide		ND(0.010)	ND(0.010)	NS	NS	ND(0.010)	ND(0.010)
Carbon Tetrachloride		ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
Chlorobenzene		ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
Chloroethane		ND(0.016)	ND(0.013)	NS	NS	ND(0.015)	ND(0.013)
Chloroform		ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
Chloromethane		ND(0.016)	ND(0.013)	NS	NS	ND(0.015)	ND(0.013)
cis-1,3-Dichloropropene		ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
Dibromochloromethane		ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
Dibromomethane		ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
Dichlorodifluoromethane		ND(0.016)	ND(0.013)	NS	NS	ND(0.015)	ND(0.013)
Ethyl Methacrylate		ND(0.016)	ND(0.013)	NS	NS	ND(0.015)	ND(0.013)
Ethylbenzene		ND(0.00820)	ND(0.00640)	NS	NS	ND(0.00740)	ND(0.00670)
Iodomethane		ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
Isobutanol		ND(0.33) J	ND(0.26) J	NS	NS	ND(0.30) J	ND(0.27) J
Methacrylonitrile		ND(0.016)	ND(0.013)	NS	NS	ND(0.015)	ND(0.013)
Methyl Methacrylate		ND(0.016)	ND(0.013)	NS	NS	ND(0.015)	ND(0.013)
Methylene Chloride		ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
Propionitrile		ND(0.082) J	ND(0.064) J	NS	NS	ND(0.074) J	ND(0.067) J
Styrene		ND(0.00820)	ND(0.00640)	NS	NS	ND(0.00740)	ND(0.00670)
Tetrachloroethene		ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
Toluene		ND(0.00820)	ND(0.00640)	NS	NS	ND(0.00740)	ND(0.00670)
trans-1,2-Dichloroethene		ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
trans-1,3-Dichloropropene		ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
trans-1,4-Dichloro-2-butene		ND(0.016)	ND(0.013)	NS	NS	ND(0.015)	ND(0.013)
Trichloroethene		ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
Trichlorofluoromethane		ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
Vinyl Acetate		ND(0.016)	ND(0.013)	NS	NS	ND(0.015)	ND(0.013)
Vinyl Chloride		ND(0.016)	ND(0.013)	NS	NS	ND(0.015)	ND(0.013)
Xylenes (total)		ND(0.0082)	ND(0.013)	NS	NS	ND(0.0074)	ND(0.013)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4C / CRA-13 / 10-12 / 01/23/01	4C / CRA-14 / 0-2 / 01/19/01	4C / CRA-14 / 0-2 / 01/03/02	4C / CRA-15 / 5-14 / 01/19/01	4C / CRA-15 / 6-8 / 01/19/01	4C / CRA-16 / 0-2 / 01/19/01
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
1,2,4-Trichlorobenzene		NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
1,2-Dichlorobenzene		NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
1,2-Diphenylhydrazine		NS	ND(2.1)	ND(0.37)	ND(0.50)	NS	ND(0.44)
1,3,5-Trinitrobenzene		NS	ND(4.10)	NS	ND(1.00)	NS	ND(0.900)
1,3-Dichlorobenzene		NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
1,3-Dinitrobenzene		NS	ND(10.0)	ND(0.750)	ND(2.50)	NS	ND(2.30)
1,4-Dichlorobenzene		NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
1,4-Naphthoquinone		NS	ND(10.0)	NS	ND(2.50)	NS	ND(2.30)
1-Naphthylamine		NS	ND(10.0)	NS	ND(2.50)	NS	ND(2.30)
2,3,4,6-Tetrachlorophenol		NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
2,4,5-Trichlorophenol		NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
2,4,6-Trichlorophenol		NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
2,4-Dichlorophenol		NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
2,4-Dimethylphenol		NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
2,4-Dinitrophenol		NS	ND(10.0)	NS	ND(2.50)	NS	ND(2.30)
2,4-Dinitrotoluene		NS	ND(10.0)	NS	ND(2.50)	NS	ND(2.30)
2,6-Dichlorophenol		NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
2,6-Dinitrotoluene		NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
2-Acetylaminofluorene		NS	ND(4.10)	NS	ND(1.00)	NS	ND(0.900)
2-Chloronaphthalene		NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
2-Chlorophenol		NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
2-Methylnaphthalene		NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
2-Methylphenol		NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
2-Naphthylamine		NS	ND(10.0)	NS	ND(2.50)	NS	ND(2.30)
2-Nitroaniline		NS	ND(10.0)	ND(1.90)	ND(2.50)	NS	ND(2.30)
2-Nitrophenol		NS	ND(4.10)	NS	ND(1.00)	NS	ND(0.900)
2-Picoline		NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
3&4-Methylphenol		NS	ND(4.10)	NS	ND(1.00)	NS	ND(0.900)
3,3'-Dichlorobenzidine		NS	ND(10.0)	ND(0.750)	ND(2.50)	NS	ND(2.30)
3,3'-Dimethylbenzidine		NS	ND(10) J	ND(0.370)	ND(2.5) J	NS	ND(2.30)
3-Methylcholanthrene		NS	ND(4.1) J	NS	ND(1.0) J	NS	ND(0.900)
3-Nitroaniline		NS	ND(10.0)	ND(1.90)	ND(2.50)	NS	ND(2.30)
4,6-Dinitro-2-methylphenol		NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
4-Aminobiphenyl		NS	ND(4.10)	NS	ND(1.00)	NS	ND(0.900)
4-Bromophenyl-phenylether		NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
4-Chloro-3-Methylphenol		NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
4-Chloroaniline		NS	ND(4.10)	NS	ND(1.00)	NS	ND(0.90) J
4-Chlorobenzilate		NS	ND(10.0)	ND(0.750)	ND(2.50)	NS	ND(2.30)
4-Chlorophenyl-phenylether		NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
4-Nitroaniline		NS	ND(10.0)	ND(0.750)	ND(2.50)	NS	ND(2.30)
4-Nitrophenol		NS	ND(10) J	NS	ND(2.5) J	NS	ND(2.30)
4-Nitroquinoline-1-oxide		NS	ND(10) J	NS	ND(2.5) J	NS	ND(2.3) J
4-Phenylenediamine		NS	ND(10.0)	NS	ND(2.50)	NS	ND(2.30)
5-Nitro-o-toluidine		NS	ND(10.0)	NS	ND(2.50)	NS	ND(2.30)
7,12-Dimethylbenz(a)anthracene		NS	ND(4.10)	ND(0.750)	ND(1.00)	NS	ND(0.900)
a,a'-Dimethylphenethylamine		NS	ND(10.0)	NS	ND(2.50)	NS	ND(2.30)
Acenaphthene		NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
Acenaphthylene		NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
Acetophenone		NS	ND(2.10)	0.160 J	ND(0.500)	NS	ND(0.44) J
Aniline		NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
Anthracene		NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
Aramite		NS	ND(4.1) J	NS	ND(1.0) J	NS	ND(0.90) J
Benzidine		NS	ND(4.1) J	ND(0.75) J	ND(1.0) J	NS	ND(0.90)
Benzo(a)anthracene		NS	ND(2.10)	NS	ND(0.500)	NS	0.330 J
Benzo(a)pyrene		NS	ND(2.10)	NS	ND(0.500)	NS	0.350 J
Benzo(b)fluoranthene		NS	ND(2.10)	NS	ND(0.500)	NS	0.230 J
Benzo(g,h,i)perylene		NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
Benzo(k)fluoranthene		NS	ND(2.10)	NS	ND(0.500)	NS	0.450
Benzyl Alcohol		NS	ND(4.10)	NS	ND(1.00)	NS	ND(0.900)
bis(2-Chloroethoxy)methane		NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
bis(2-Chloroethyl)ether		NS	ND(2.10)	ND(0.370)	ND(0.500)	NS	ND(0.440)
bis(2-Chloroisopropyl)ether		NS	ND(2.1) J	NS	ND(0.50) J	NS	ND(0.44) J

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	Averaging Area:	4C	4C	4C	4C	4C	4C
	Sample ID:	CRA-13	CRA-14	CRA-14	CRA-15	CRA-15	CRA-16
	Sample Depth(Feet):	10-12	0-2	0-2	5-14	6-8	0-2
Parameter	Date Collected:	01/23/01	01/19/01	01/03/02	01/19/01	01/19/01	01/19/01
Semivolatile Organics (continued)							
bis(2-Ethylhexyl)phthalate		NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
Butylbenzylphthalate		NS	ND(4.10)	NS	ND(1.00)	NS	ND(0.900)
Chrysene		NS	ND(2.10)	NS	ND(0.500)	NS	0.430 J
Diallate		NS	ND(4.10)	NS	ND(1.00)	NS	ND(0.900)
Dibenzo(a,h)anthracene		NS	ND(4.10)	NS	ND(1.00)	NS	ND(0.900)
Dibenzofuran		NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
Diethylphthalate		NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
Dimethylphthalate		NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
Di-n-Butylphthalate		NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
Di-n-Octylphthalate		NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
Diphenylamine		NS	ND(2.1)	NS	ND(0.50)	NS	ND(0.44)
Ethyl Methanesulfonate		NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.44) J
Fluoranthene		NS	ND(2.10)	NS	ND(0.500)	NS	0.660
Fluorene		NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
Hexachlorobenzene		NS	ND(2.10)	ND(0.370)	ND(0.500)	NS	ND(0.440)
Hexachlorobutadiene		NS	ND(4.10)	NS	ND(1.00)	NS	ND(0.900)
Hexachlorocyclopentadiene		NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
Hexachloroethane		NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
Hexachlorophene		NS	ND(4.1) J	NS	ND(1.0) J	NS	ND(0.90) J
Hexachloropropene		NS	ND(2.1) J	NS	ND(0.50) J	NS	ND(0.44) J
Indeno(1,2,3-cd)pyrene		NS	ND(4.10)	NS	ND(1.00)	NS	ND(0.900)
Isodrin		NS	ND(2.1)	NS	ND(0.50)	NS	ND(0.44) J
Isophorone		NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
Isosafrole		NS	ND(4.10)	NS	ND(1.00)	NS	ND(0.900)
Methapyrilene		NS	ND(10) J	NS	ND(2.5) J	NS	ND(2.3) J
Methyl Methanesulfonate		NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
Naphthalene		NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
Nitrobenzene		NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
N-Nitrosodiethylamine		NS	ND(2.10)	ND(0.370)	ND(0.500)	NS	ND(0.440)
N-Nitrosodimethylamine		NS	ND(10.0)	ND(0.370)	ND(2.50)	NS	ND(2.20)
N-Nitroso-di-n-butylamine		NS	ND(4.10)	ND(0.750)	ND(1.00)	NS	ND(0.90) J
N-Nitroso-di-n-propylamine		NS	ND(4.10)	ND(0.370)	ND(1.00)	NS	ND(0.900)
N-Nitrosodiphenylamine		NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
N-Nitrosomethylethylamine		NS	ND(2.10)	ND(0.750)	ND(1.00)	NS	ND(0.900)
N-Nitrosomorpholine		NS	ND(2.1) J	NS	ND(0.50) J	NS	ND(0.440)
N-Nitrosopiperidine		NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
N-Nitrosopyrrolidine		NS	ND(4.10)	ND(0.750)	ND(1.00)	NS	ND(0.90) J
o,o,o-Triethylphosphorothioate		NS	ND(2.1)	NS	ND(0.50)	NS	ND(0.44)
o-Toluidine		NS	ND(2.10)	ND(0.370)	ND(0.500)	NS	ND(0.440)
p-Dimethylaminoazobenzene		NS	ND(10) J	NS	ND(2.5) J	NS	ND(2.30)
Pentachlorobenzene		NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
Pentachloroethane		NS	ND(2.1)	NS	ND(0.50)	NS	ND(0.44)
Pentachloronitrobenzene		NS	ND(10.0)	ND(0.750)	ND(2.50)	NS	ND(2.3) J
Pentachlorophenol		NS	ND(10.0)	ND(1.90)	ND(2.50)	NS	ND(2.30)
Phenacetin		NS	ND(10) J	NS	ND(2.5) J	NS	ND(2.30)
Phenanthrene		NS	ND(2.10)	NS	ND(0.500)	NS	0.490
Phenol		NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
Pronamide		NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
Pyrene		NS	ND(2.10)	NS	ND(0.500)	NS	1.10
Pyridine		NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.44) J
Safrole		NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
Thionazin		NS	ND(2.1)	NS	ND(0.50)	NS	ND(0.44)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4C / CRA-13 / 10-12 / 01/23/01	4C / CRA-14 / 0-2 / 01/19/01	4C / CRA-14 / 0-2 / 01/03/02	4C / CRA-15 / 5-14 / 01/19/01	4C / CRA-15 / 6-8 / 01/19/01	4C / CRA-16 / 0-2 / 01/19/01
Furans							
2,3,7,8-TCDF		NS	0.0000055	NS	ND(0.000016)	NS	0.000014
TCDFs (total)		NS	0.000046	NS	ND(0.000016)	NS	0.00013 I
1,2,3,7,8-PeCDF		NS	0.0000017 J	NS	ND(0.000020)	NS	0.0000041
2,3,4,7,8-PeCDF		NS	0.0000028	NS	ND(0.000020)	NS	0.0000054
PeCDFs (total)		NS	0.000032	NS	ND(0.000020)	NS	0.000068 I
1,2,3,4,7,8-HxCDF		NS	0.0000019 J	NS	ND(0.00019)	NS	0.0000038
1,2,3,6,7,8-HxCDF		NS	0.0000013 J	NS	ND(0.00018)	NS	0.0000027
1,2,3,7,8,9-HxCDF		NS	0.00000036 J	NS	ND(0.00021)	NS	0.00000061 J
2,3,4,6,7,8-HxCDF		NS	0.0000022 J	NS	ND(0.00020)	NS	0.0000042
HxCDFs (total)		NS	0.000029	NS	ND(0.00020)	NS	0.000053
1,2,3,4,6,7,8-HpCDF		NS	0.0000041	NS	ND(0.000020)	NS	0.0000077
1,2,3,4,7,8,9-HpCDF		NS	0.00000061 J	NS	ND(0.000024)	NS	0.00000087 J
HpCDFs (total)		NS	0.0000092	NS	ND(0.000021)	NS	0.000015 I
OCDF		NS	0.0000036 J	NS	ND(0.000039)	NS	0.0000053
Dioxins							
2,3,7,8-TCDD		NS	ND(0.00000016) X	NS	ND(0.000017)	NS	ND(0.00000025) X
TCDDs (total)		NS	0.00000042	NS	ND(0.000017)	NS	0.0000024 I
1,2,3,7,8-PeCDD		NS	ND(0.0000011) X	NS	ND(0.000029)	NS	ND(0.0000014) X
PeCDDs (total)		NS	0.00000047 I	NS	ND(0.000029)	NS	0.00000027 I
1,2,3,4,7,8-HxCDD		NS	ND(0.00000017)	NS	ND(0.000079)	NS	0.00000025 J
1,2,3,6,7,8-HxCDD		NS	ND(0.00000026) X	NS	ND(0.000078)	NS	0.00000054 J
1,2,3,7,8,9-HxCDD		NS	ND(0.00000016)	NS	ND(0.000071)	NS	0.00000035 J
HxCDDs (total)		NS	0.0000011	NS	ND(0.000076)	NS	0.0000024
1,2,3,4,6,7,8-HpCDD		NS	0.0000023	NS	ND(0.000031)	NS	0.0000051
HpCDDs (total)		NS	0.0000023	NS	ND(0.000031)	NS	0.000011
OCDD		NS	0.000013	NS	ND(0.000036)	NS	0.000029
Total TEQs (WHO TEFs)		NS	0.0000033	NS	0.000080	NS	0.0000065
Inorganics							
Antimony		NS	ND(11.0)	NS	ND(13.0)	NS	ND(12.0)
Arsenic		NS	ND(15.0)	NS	ND(22.0)	NS	ND(15.0)
Barium		NS	46.0	NS	ND(45.0)	NS	36.0
Beryllium		NS	0.230	NS	0.280	NS	0.270
Cadmium		NS	ND(1.90)	NS	ND(2.20)	NS	ND(2.00)
Chromium		NS	29.0	NS	8.40	NS	9.40
Cobalt		NS	11.0	NS	ND(11.0)	NS	11.0
Copper		NS	46.0	NS	ND(22.0)	NS	31.0
Cyanide		NS	4.80	NS	ND(1.00)	NS	ND(1.00)
Lead		NS	26.0	NS	5.00	NS	42.0
Mercury		NS	ND(0.260)	NS	ND(0.300)	NS	ND(0.270)
Nickel		NS	25.0	NS	16.0	NS	19.0
Selenium		NS	ND(0.960)	NS	ND(1.10)	NS	ND(1.00)
Silver		NS	ND(0.960)	NS	ND(1.10)	NS	ND(1.00)
Sulfide		NS	16.0	NS	ND(7.40)	NS	ND(6.70)
Thallium		NS	ND(1.90)	NS	ND(2.20)	NS	ND(2.00)
Tin		NS	ND(57.0)	NS	ND(67.0)	NS	ND(60.0)
Vanadium		NS	23.0	NS	ND(11.0)	NS	11.0
Zinc		NS	67.0	NS	43.0	NS	70.0

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4C / CRA-17 / 5-14 / 01/19/01	4C / CRA-17 / 12-14 / 01/19/01	4C / CRA-18 / 0-2 / 01/23/01	4C / CRA-18 / 0-2 / 01/03/02	4C / CRA-19 / 2-4 / 01/23/01
Volatile Organics						
1,1,1,2-Tetrachloroethane		NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)
1,1,1-Trichloroethane		NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)
1,1,2,2-Tetrachloroethane		NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)
1,1,2-Trichloroethane		NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)
1,1-Dichloroethane		NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)
1,1-Dichloroethene		NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)
1,2,3-Trichloropropane		NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	ND(0.0054)	ND(0.0064)
1,2-Dibromo-3-chloropropane		NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)
1,2-Dibromoethane		NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)
1,2-Dichloroethane		NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)
1,2-Dichloropropane		NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)
1,4-Dioxane		NS	ND(0.20) J	ND(0.20) J [ND(0.20)]	NS	ND(0.20) J
2-Butanone		NS	ND(0.10)	ND(0.10) [ND(0.10)]	NS	ND(0.10)
2-Chloro-1,3-butadiene		NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)
2-Chloroethylvinylether		NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)
2-Hexanone		NS	ND(0.013)	ND(0.013) [ND(0.015)]	NS	ND(0.013)
3-Chloropropene		NS	ND(0.013)	ND(0.013) [ND(0.015)]	NS	ND(0.013)
4-Methyl-2-pentanone		NS	ND(0.013)	ND(0.013) [ND(0.015)]	NS	ND(0.013)
Acetone		NS	ND(0.10)	ND(0.10) [ND(0.10)]	NS	ND(0.10)
Acetonitrile		NS	ND(0.13)	ND(0.13) [ND(0.15)]	NS	ND(0.13)
Acrolein		NS	ND(0.13) J	ND(0.13) J [ND(0.15)]	NS	ND(0.13) J
Acrylonitrile		NS	ND(0.013)	ND(0.013) [ND(0.015)]	NS	ND(0.013)
Benzene		NS	ND(0.00640)	ND(0.00670) [ND(0.00760)]	NS	ND(0.00640)
Bromodichloromethane		NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)
Bromoform		NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)
Bromomethane		NS	ND(0.013)	ND(0.013) [ND(0.015)]	NS	ND(0.013)
Carbon Disulfide		NS	ND(0.010)	ND(0.010) [ND(0.010)]	NS	ND(0.010)
Carbon Tetrachloride		NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)
Chlorobenzene		NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)
Chloroethane		NS	ND(0.013)	ND(0.013) [ND(0.015)]	NS	ND(0.013)
Chloroform		NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)
Chloromethane		NS	ND(0.013)	ND(0.013) [ND(0.015)]	NS	ND(0.013)
cis-1,3-Dichloropropene		NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)
Dibromochloromethane		NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)
Dibromomethane		NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)
Dichlorodifluoromethane		NS	ND(0.013)	ND(0.013) [ND(0.015)]	NS	ND(0.013)
Ethyl Methacrylate		NS	ND(0.013)	ND(0.013) [ND(0.015)]	NS	ND(0.013)
Ethylbenzene		NS	ND(0.00640)	ND(0.00670) [ND(0.00760)]	NS	ND(0.00640)
Iodomethane		NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)
Isobutanol		NS	ND(0.26) J	ND(0.27) J [ND(0.30)]	NS	ND(0.26) J
Methacrylonitrile		NS	ND(0.013)	ND(0.013) [ND(0.015)]	NS	ND(0.013)
Methyl Methacrylate		NS	ND(0.013)	ND(0.013) [ND(0.015)]	NS	ND(0.013)
Methylene Chloride		NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)
Propionitrile		NS	ND(0.064) J	ND(0.067) J [ND(0.076)]	NS	ND(0.064) J
Styrene		NS	ND(0.00640)	ND(0.00670) [ND(0.00760)]	NS	ND(0.00640)
Tetrachloroethene		NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)
Toluene		NS	ND(0.00640)	ND(0.00670) [ND(0.00760)]	NS	ND(0.00640)
trans-1,2-Dichloroethene		NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)
trans-1,3-Dichloropropene		NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)
trans-1,4-Dichloro-2-butene		NS	ND(0.013)	ND(0.013) [ND(0.015)]	NS	ND(0.013)
Trichloroethene		NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)
Trichlorofluoromethane		NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)
Vinyl Acetate		NS	ND(0.013)	ND(0.013) [ND(0.015)]	NS	ND(0.013)
Vinyl Chloride		NS	ND(0.013)	ND(0.013) [ND(0.015)]	NS	ND(0.013)
Xylenes (total)		NS	ND(0.0064)	ND(0.013) [ND(0.0076)]	NS	ND(0.013)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:					
	Averaging Area:	4C	4C	4C	4C	4C
	Sample ID:	CRA-17	CRA-17	CRA-18	CRA-18	CRA-19
	Sample Depth(Feet):	5-14	12-14	0-2	0-2	2-4
Parameter	Date Collected:	01/19/01	01/19/01	01/23/01	01/03/02	01/23/01
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
1,2,4-Trichlorobenzene		ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
1,2-Dichlorobenzene		ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
1,2-Diphenylhydrazine		ND(0.50)	NS	ND(0.44) [ND(0.50)]	NS	NS
1,3,5-Trinitrobenzene		ND(1.00)	NS	ND(0.890) [ND(1.00)]	NS	NS
1,3-Dichlorobenzene		ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
1,3-Dinitrobenzene		ND(2.50)	NS	ND(2.3) J [ND(2.60)]	NS	NS
1,4-Dichlorobenzene		ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
1,4-Naphthoquinone		ND(2.50)	NS	ND(2.30) [ND(2.60)]	NS	NS
1-Naphthylamine		ND(2.50)	NS	ND(2.30) [ND(2.6) J]	NS	NS
2,3,4,6-Tetrachlorophenol		ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
2,4,5-Trichlorophenol		ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
2,4,6-Trichlorophenol		ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
2,4-Dichlorophenol		ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
2,4-Dimethylphenol		ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
2,4-Dinitrophenol		ND(2.50)	NS	ND(2.30) [ND(2.60)]	NS	NS
2,4-Dinitrotoluene		ND(2.50)	NS	ND(2.30) [ND(2.60)]	NS	NS
2,6-Dichlorophenol		ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
2,6-Dinitrotoluene		ND(0.500)	NS	ND(0.440) [ND(0.50) J]	NS	NS
2-Acetylaminofluorene		ND(1.00)	NS	ND(0.890) [ND(1.0) J]	NS	NS
2-Chloronaphthalene		ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
2-Chlorophenol		ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
2-Methylnaphthalene		ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
2-Methylphenol		ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
2-Naphthylamine		ND(2.50)	NS	ND(2.30) [ND(2.60)]	NS	NS
2-Nitroaniline		ND(2.50)	NS	ND(2.30) [ND(2.6) J]	NS	NS
2-Nitrophenol		ND(1.00)	NS	ND(0.890) [ND(1.00)]	NS	NS
2-Picoline		ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
3&4-Methylphenol		ND(1.00)	NS	ND(0.890) [ND(1.00)]	NS	NS
3,3'-Dichlorobenzidine		ND(2.50)	NS	ND(2.30) [ND(2.6) J]	ND(0.720)	NS
3,3'-Dimethylbenzidine		ND(2.50)	NS	ND(2.3) J [ND(2.6) J]	ND(0.360)	NS
3-Methylcholanthrene		ND(1.00)	NS	ND(0.89) J [ND(1.00)]	NS	NS
3-Nitroaniline		ND(2.50)	NS	ND(2.30) [ND(2.60)]	NS	NS
4,6-Dinitro-2-methylphenol		ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
4-Aminobiphenyl		ND(1.00)	NS	ND(0.89) J [ND(1.00)]	NS	NS
4-Bromophenyl-phenylether		ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
4-Chloro-3-Methylphenol		ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
4-Chloroaniline		ND(1.0) J	NS	ND(0.890) [ND(1.00)]	NS	NS
4-Chlorobenzilate		ND(2.50)	NS	ND(2.30) [ND(2.60)]	NS	NS
4-Chlorophenyl-phenylether		ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
4-Nitroaniline		ND(2.50)	NS	ND(2.30) [ND(2.60)]	NS	NS
4-Nitrophenol		ND(2.50)	NS	ND(2.30) [ND(2.60)]	NS	NS
4-Nitroquinoline-1-oxide		ND(2.5) J	NS	ND(2.3) J [ND(2.6) J]	NS	NS
4-Phenylenediamine		ND(2.50)	NS	ND(2.30) [ND(2.60)]	NS	NS
5-Nitro-o-toluidine		ND(2.50)	NS	ND(2.30) [ND(2.60)]	NS	NS
7,12-Dimethylbenz(a)anthracene		ND(1.00)	NS	ND(0.890) [ND(1.00)]	ND(0.720)	NS
a,a'-Dimethylphenethylamine		ND(2.50)	NS	ND(2.30) [ND(2.6) J]	NS	NS
Acenaphthene		ND(0.500)	NS	0.130 J [ND(0.500)]	NS	NS
Acenaphthylene		ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
Acetophenone		ND(0.50) J	NS	ND(0.440) [ND(0.500)]	NS	NS
Aniline		ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
Anthracene		ND(0.500)	NS	0.340 J [ND(0.500)]	NS	NS
Aramite		ND(1.0) J	NS	ND(0.89) J [ND(1.0) J]	NS	NS
Benzidine		ND(1.0)	NS	ND(0.89) J [ND(1.0)]	ND(0.72) J	NS
Benzo(a)anthracene		ND(0.500)	NS	1.00 [ND(0.500)]	NS	NS
Benzo(a)pyrene		ND(0.500)	NS	1.00 [ND(0.500)]	NS	NS
Benzo(b)fluoranthene		ND(0.500)	NS	0.940 [ND(0.500)]	NS	NS
Benzo(g,h,i)perylene		ND(0.500)	NS	0.560 [ND(0.500)]	NS	NS
Benzo(k)fluoranthene		ND(0.500)	NS	1.10 [ND(0.500)]	NS	NS
Benzyl Alcohol		ND(1.00)	NS	ND(0.890) [ND(1.00)]	NS	NS
bis(2-Chloroethoxy)methane		ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
bis(2-Chloroethyl)ether		ND(0.500)	NS	ND(0.440) [ND(0.500)]	ND(0.360)	NS
bis(2-Chloroisopropyl)ether		ND(0.50) J	NS	ND(0.440) [ND(0.500)]	NS	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:					
	Averaging Area:	4C	4C	4C	4C	4C
	Sample ID:	CRA-17	CRA-17	CRA-18	CRA-18	CRA-19
	Sample Depth(Feet):	5-14	12-14	0-2	0-2	2-4
	Date Collected:	01/19/01	01/19/01	01/23/01	01/03/02	01/23/01
Semivolatile Organics (continued)						
bis(2-Ethylhexyl)phthalate		ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
Butylbenzylphthalate		ND(1.00)	NS	ND(0.89) J [ND(1.0) J]	NS	NS
Chrysene		ND(0.500)	NS	1.10 [ND(0.500)]	NS	NS
Diallate		ND(1.00)	NS	ND(0.890) [ND(1.00)]	NS	NS
Dibenzo(a,h)anthracene		ND(1.00)	NS	ND(0.890) [ND(1.00)]	NS	NS
Dibenzofuran		ND(0.500)	NS	0.140 J [ND(0.500)]	NS	NS
Diethylphthalate		ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
Dimethylphthalate		ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
Di-n-Butylphthalate		ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
Di-n-Octylphthalate		ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
Diphenylamine		ND(0.50)	NS	ND(0.44) [ND(0.50)]	NS	NS
Ethyl Methanesulfonate		ND(0.50) J	NS	ND(0.440) [ND(0.500)]	NS	NS
Fluoranthene		ND(0.500)	NS	2.10 [ND(0.500)]	NS	NS
Fluorene		ND(0.500)	NS	0.160 J [ND(0.500)]	NS	NS
Hexachlorobenzene		ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
Hexachlorobutadiene		ND(1.00)	NS	ND(0.890) [ND(1.00)]	NS	NS
Hexachlorocyclopentadiene		ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
Hexachloroethane		ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
Hexachlorophene		ND(1.0) J	NS	ND(0.89) J [ND(1.0) J]	NS	NS
Hexachloropropene		ND(0.50) J	NS	ND(0.440) [ND(0.50) J]	NS	NS
Indeno(1,2,3-cd)pyrene		ND(1.00)	NS	0.560 J [ND(1.00)]	NS	NS
Isodrin		ND(0.50) J	NS	ND(0.44) [ND(0.50)]	NS	NS
Isophorone		ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
Isosafrole		ND(1.00)	NS	ND(0.890) [ND(1.00)]	NS	NS
Methapyrilene		ND(2.5) J	NS	ND(2.3) J [ND(2.60)]	NS	NS
Methyl Methanesulfonate		ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
Naphthalene		ND(0.500)	NS	0.170 J [ND(0.500)]	NS	NS
Nitrobenzene		ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
N-Nitrosodiethylamine		ND(0.500)	NS	ND(0.440) [ND(0.500)]	ND(0.360)	NS
N-Nitrosodimethylamine		ND(2.50)	NS	ND(2.20) [ND(2.50)]	ND(0.360)	NS
N-Nitroso-di-n-butylamine		ND(1.0) J	NS	ND(0.890) [ND(1.00)]	ND(0.720)	NS
N-Nitroso-di-n-propylamine		ND(1.00)	NS	ND(0.890) [ND(1.00)]	ND(0.360)	NS
N-Nitrosodiphenylamine		ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
N-Nitrosomethylethylamine		ND(0.860)	NS	ND(0.890) [ND(1.00)]	ND(0.720)	NS
N-Nitrosomorpholine		ND(0.500)	NS	ND(0.440) [ND(0.50) J]	NS	NS
N-Nitrosopiperidine		ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
N-Nitrosopyrrolidine		ND(1.0) J	NS	ND(0.890) [ND(1.00)]	ND(0.720)	NS
o,o,o-Triethylphosphorothioate		ND(0.50)	NS	ND(0.44) [ND(0.50)]	NS	NS
o-Toluidine		ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
p-Dimethylaminoazobenzene		ND(2.50)	NS	ND(2.30) [ND(2.60)]	NS	NS
Pentachlorobenzene		ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
Pentachloroethane		ND(0.50)	NS	ND(0.44) J [ND(0.50)]	NS	NS
Pentachloronitrobenzene		ND(2.5) J	NS	ND(2.30) [ND(2.6) J]	NS	NS
Pentachlorophenol		ND(2.50)	NS	ND(2.30) [ND(2.60)]	NS	NS
Phenacetin		ND(2.50)	NS	ND(2.30) [ND(2.60)]	NS	NS
Phenanthrene		ND(0.500)	NS	1.60 [ND(0.500)]	NS	NS
Phenol		ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
Pronamide		ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
Pyrene		ND(0.500)	NS	2.20 [ND(0.500)]	NS	NS
Pyridine		ND(0.50) J	NS	ND(0.44) J [ND(0.500)]	NS	NS
Safrole		ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
Thionazin		ND(0.50)	NS	ND(0.44) [ND(0.50)]	NS	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4C CRA-17 5-14 01/19/01	4C CRA-17 12-14 01/19/01	4C CRA-18 0-2 01/23/01	4C CRA-18 0-2 01/03/02	4C CRA-19 2-4 01/23/01
Furans						
2,3,7,8-TCDF		ND(0.000018)	NS	0.0000098 [0.0000098]	NS	NS
TCDFs (total)		ND(0.000018)	NS	0.000080 I [0.000091]	NS	NS
1,2,3,7,8-PeCDF		ND(0.000066)	NS	0.0000039 [0.0000034]	NS	NS
2,3,4,7,8-PeCDF		ND(0.000065)	NS	0.000012 [0.000012]	NS	NS
PeCDFs (total)		ND(0.000065)	NS	0.00011 I [0.00012 I]	NS	NS
1,2,3,4,7,8-HxCDF		ND(0.000066)	NS	0.0000048 [0.0000038]	NS	NS
1,2,3,6,7,8-HxCDF		ND(0.000062)	NS	0.0000038 [0.0000034]	NS	NS
1,2,3,7,8,9-HxCDF		ND(0.000073)	NS	0.0000011 J [0.0000010 J]	NS	NS
2,3,4,6,7,8-HxCDF		ND(0.000067)	NS	0.0000068 [0.0000070]	NS	NS
HxCDFs (total)		ND(0.000067)	NS	0.000084 [0.000091]	NS	NS
1,2,3,4,6,7,8-HpCDF		ND(0.000018)	NS	0.0000094 [0.0000082]	NS	NS
1,2,3,4,7,8,9-HpCDF		ND(0.000022)	NS	0.0000013 J [0.0000011 J]	NS	NS
HpCDFs (total)		ND(0.000020)	NS	0.000021 [0.000020]	NS	NS
OCDF		ND(0.000029)	NS	0.0000085 [0.0000066]	NS	NS
Dioxins						
2,3,7,8-TCDD		ND(0.000030)	NS	ND(0.00000021) X [ND(0.00000018) X]	NS	NS
TCDDs (total)		ND(0.000030)	NS	0.0000014 [0.0000016]	NS	NS
1,2,3,7,8-PeCDD		ND(0.000056)	NS	ND(0.0000024) X [ND(0.0000013) X]	NS	NS
PeCDDs (total)		ND(0.000056)	NS	0.0000022 [0.0000027]	NS	NS
1,2,3,4,7,8-HxCDD		ND(0.000045)	NS	0.00000022 J [0.00000021 J]	NS	NS
1,2,3,6,7,8-HxCDD		ND(0.000045)	NS	0.00000065 J [0.00000055 J]	NS	NS
1,2,3,7,8,9-HxCDD		ND(0.000041)	NS	0.00000040 J [0.00000033 J]	NS	NS
HxCDDs (total)		ND(0.000044)	NS	0.0000063 [0.0000060]	NS	NS
1,2,3,4,6,7,8-HpCDD		ND(0.000024)	NS	0.0000079 [0.0000057]	NS	NS
HpCDDs (total)		ND(0.000024)	NS	0.000017 [0.000012]	NS	NS
OCDD		ND(0.000038)	NS	0.000057 [0.000039]	NS	NS
Total TEQs (WHO TEFs)		0.000082	NS	0.000010 [0.0000097]	NS	NS
Inorganics						
Antimony		ND(12.0)	NS	ND(12.0) J [ND(14.0) J]	NS	NS
Arsenic		ND(19.0)	NS	ND(15.0) [ND(23.0)]	NS	NS
Barium		ND(39.0)	NS	39.0 [ND(46.0)]	NS	NS
Beryllium		0.220	NS	0.300 [0.330]	NS	NS
Cadmium		ND(1.90)	NS	ND(2.00) [ND(2.30)]	NS	NS
Chromium		8.20	NS	12.0 [14.0]	NS	NS
Cobalt		10.0	NS	14.0 [17.0]	NS	NS
Copper		28.0	NS	56.0 [50.0]	NS	NS
Cyanide		ND(1.00)	NS	ND(1.00) [ND(1.00)]	NS	NS
Lead		12.0	NS	38.0 [34.0]	NS	NS
Mercury		ND(0.260)	NS	ND(0.270) [ND(0.300)]	NS	NS
Nickel		17.0	NS	26.0 [30.0]	NS	NS
Selenium		ND(0.970)	NS	ND(1.00) [ND(1.10)]	NS	NS
Silver		ND(0.970)	NS	ND(1.00) [ND(1.10)]	NS	NS
Sulfide		ND(6.40)	NS	21.0 [29.0]	NS	NS
Thallium		ND(1.90)	NS	ND(2.00) J [ND(2.30) J]	NS	NS
Tin		ND(58.0)	NS	ND(60.0) [ND(68.0)]	NS	NS
Vanadium		ND(9.70)	NS	12.0 [14.0]	NS	NS
Zinc		44.0	NS	69.0 [84.0]	NS	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4C / CRA-19 / 2-5 / 01/23/01	4C / CRA-20 / 2-4 / 01/31/01	4C / CRA-20 / 2-5 / 01/31/01	4C / CRA-21 / 0-2 / 01/31/01	4C / CRA-22 / 5-14 / 01/31/01
Volatile Organics						
1,1,1,2-Tetrachloroethane		NS	ND(0.0063)	NS	ND(0.0071)	NS
1,1,1-Trichloroethane		NS	ND(0.0063)	NS	ND(0.0071)	NS
1,1,2,2-Tetrachloroethane		NS	ND(0.0063)	NS	ND(0.0071)	NS
1,1,2-Trichloroethane		NS	ND(0.0063)	NS	ND(0.0071)	NS
1,1-Dichloroethane		NS	ND(0.0063)	NS	ND(0.0071)	NS
1,1-Dichloroethene		NS	ND(0.0063)	NS	ND(0.0071)	NS
1,2,3-Trichloropropane		NS	ND(0.0063)	NS	ND(0.0071)	NS
1,2-Dibromo-3-chloropropane		NS	ND(0.0063)	NS	ND(0.0071)	NS
1,2-Dibromoethane		NS	ND(0.0063)	NS	ND(0.0071)	NS
1,2-Dichloroethane		NS	ND(0.0063)	NS	ND(0.0071)	NS
1,2-Dichloropropane		NS	ND(0.0063)	NS	ND(0.0071)	NS
1,4-Dioxane		NS	ND(0.20) J	NS	ND(0.20) J	NS
2-Butanone		NS	ND(0.10)	NS	ND(0.10)	NS
2-Chloro-1,3-butadiene		NS	ND(0.0063)	NS	ND(0.0071)	NS
2-Chloroethylvinylether		NS	ND(0.0063)	NS	ND(0.0071)	NS
2-Hexanone		NS	ND(0.013)	NS	ND(0.014)	NS
3-Chloropropene		NS	ND(0.013)	NS	ND(0.014)	NS
4-Methyl-2-pentanone		NS	ND(0.013)	NS	ND(0.014)	NS
Acetone		NS	ND(0.10)	NS	ND(0.10)	NS
Acetonitrile		NS	ND(0.13) J	NS	ND(0.14) J	NS
Acrolein		NS	ND(0.13) J	NS	ND(0.14) J	NS
Acrylonitrile		NS	ND(0.013)	NS	ND(0.014)	NS
Benzene		NS	ND(0.00630)	NS	ND(0.00710)	NS
Bromodichloromethane		NS	ND(0.0063)	NS	ND(0.0071)	NS
Bromoform		NS	ND(0.0063)	NS	ND(0.0071)	NS
Bromomethane		NS	ND(0.013)	NS	ND(0.014)	NS
Carbon Disulfide		NS	ND(0.010)	NS	ND(0.010)	NS
Carbon Tetrachloride		NS	ND(0.0063)	NS	ND(0.0071)	NS
Chlorobenzene		NS	ND(0.0063)	NS	ND(0.0071)	NS
Chloroethane		NS	ND(0.013)	NS	ND(0.014)	NS
Chloroform		NS	ND(0.0063)	NS	ND(0.0071)	NS
Chloromethane		NS	ND(0.013)	NS	ND(0.014)	NS
cis-1,3-Dichloropropene		NS	ND(0.0063)	NS	ND(0.0071)	NS
Dibromochloromethane		NS	ND(0.0063)	NS	ND(0.0071)	NS
Dibromomethane		NS	ND(0.0063)	NS	ND(0.0071)	NS
Dichlorodifluoromethane		NS	ND(0.013)	NS	ND(0.014)	NS
Ethyl Methacrylate		NS	ND(0.013)	NS	ND(0.014)	NS
Ethylbenzene		NS	ND(0.00630)	NS	ND(0.00710)	NS
Iodomethane		NS	ND(0.0063)	NS	ND(0.0071)	NS
Isobutanol		NS	ND(0.25) J	NS	ND(0.28) J	NS
Methacrylonitrile		NS	ND(0.013)	NS	ND(0.014)	NS
Methyl Methacrylate		NS	ND(0.013)	NS	ND(0.014)	NS
Methylene Chloride		NS	ND(0.0063)	NS	ND(0.0071)	NS
Propionitrile		NS	ND(0.063) J	NS	ND(0.071) J	NS
Styrene		NS	ND(0.00630)	NS	ND(0.00710)	NS
Tetrachloroethene		NS	ND(0.0063)	NS	ND(0.0071)	NS
Toluene		NS	ND(0.00630)	NS	ND(0.00710)	NS
trans-1,2-Dichloroethene		NS	ND(0.0063)	NS	ND(0.0071)	NS
trans-1,3-Dichloropropene		NS	ND(0.0063)	NS	ND(0.0071)	NS
trans-1,4-Dichloro-2-butene		NS	ND(0.013)	NS	ND(0.014)	NS
Trichloroethene		NS	ND(0.0063)	NS	ND(0.0071)	NS
Trichlorofluoromethane		NS	ND(0.0063) J	NS	ND(0.0071) J	NS
Vinyl Acetate		NS	ND(0.013)	NS	ND(0.014)	NS
Vinyl Chloride		NS	ND(0.013)	NS	ND(0.014)	NS
Xylenes (total)		NS	ND(0.0063)	NS	ND(0.0071)	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:					
	Averaging Area:	4C	4C	4C	4C	4C
	Sample ID:	CRA-19	CRA-20	CRA-20	CRA-21	CRA-22
	Sample Depth(Feet):	2-5	2-4	2-5	0-2	5-14
	Date Collected:	01/23/01	01/31/01	01/31/01	01/31/01	01/31/01
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
1,2,4-Trichlorobenzene		ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
1,2-Dichlorobenzene		ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
1,2-Diphenylhydrazine		ND(0.43)	NS	ND(0.42)	ND(0.47)	ND(0.44)
1,3,5-Trinitrobenzene		ND(0.860)	NS	ND(0.850)	ND(0.960)	ND(0.900)
1,3-Dichlorobenzene		ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
1,3-Dinitrobenzene		ND(2.2) J	NS	ND(2.20)	ND(2.40)	ND(2.30)
1,4-Dichlorobenzene		ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
1,4-Naphthoquinone		ND(2.20)	NS	ND(2.20)	ND(2.40)	ND(2.30)
1-Naphthylamine		ND(2.20)	NS	ND(2.2) J	ND(2.4) J	ND(2.3) J
2,3,4,6-Tetrachlorophenol		ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
2,4,5-Trichlorophenol		ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
2,4,6-Trichlorophenol		ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
2,4-Dichlorophenol		ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
2,4-Dimethylphenol		ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
2,4-Dinitrophenol		ND(2.20)	NS	ND(2.20)	ND(2.40)	ND(2.30)
2,4-Dinitrotoluene		ND(2.20)	NS	ND(2.20)	ND(2.40)	ND(2.30)
2,6-Dichlorophenol		ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
2,6-Dinitrotoluene		ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
2-Acetylaminofluorene		ND(0.860)	NS	ND(0.850)	ND(0.960)	ND(0.900)
2-Chloronaphthalene		ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
2-Chlorophenol		ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
2-Methylnaphthalene		ND(0.430)	NS	0.130 J	ND(0.470)	ND(0.440)
2-Methylphenol		ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
2-Naphthylamine		ND(2.20)	NS	ND(2.2) J	ND(2.4) J	ND(2.3) J
2-Nitroaniline		ND(2.20)	NS	ND(2.20)	ND(2.40)	ND(2.30)
2-Nitrophenol		ND(0.860)	NS	ND(0.850)	ND(0.960)	ND(0.900)
2-Picoline		ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
3&4-Methylphenol		ND(0.860)	NS	ND(0.850)	ND(0.960)	ND(0.900)
3,3'-Dichlorobenzidine		ND(2.20)	NS	ND(2.2) J	ND(2.4) J	ND(2.3) J
3,3'-Dimethylbenzidine		ND(2.2) J	NS	ND(2.20)	ND(2.40)	ND(2.30)
3-Methylcholanthrene		ND(0.86) J	NS	ND(0.85) J	ND(0.96) J	ND(0.90) J
3-Nitroaniline		ND(2.20)	NS	ND(2.20)	ND(2.40)	ND(2.30)
4,6-Dinitro-2-methylphenol		ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
4-Aminobiphenyl		ND(0.86) J	NS	ND(0.85) J	ND(0.96) J	ND(0.90) J
4-Bromophenyl-phenylether		ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
4-Chloro-3-Methylphenol		ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
4-Chloroaniline		ND(0.860)	NS	ND(0.850)	ND(0.960)	ND(0.900)
4-Chlorobenzilate		ND(2.20)	NS	ND(2.20)	ND(2.40)	ND(2.30)
4-Chlorophenyl-phenylether		ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
4-Nitroaniline		ND(2.20)	NS	ND(2.20)	ND(2.40)	ND(2.30)
4-Nitrophenol		ND(2.20)	NS	ND(2.20)	ND(2.40)	ND(2.30)
4-Nitroquinoline-1-oxide		ND(2.2) J	NS	ND(2.2) J	ND(2.4) J	ND(2.3) J
4-Phenylenediamine		ND(2.20)	NS	ND(2.20)	ND(2.40)	ND(2.30)
5-Nitro-o-toluidine		ND(2.20)	NS	ND(2.20)	ND(2.40)	ND(2.30)
7,12-Dimethylbenz(a)anthracene		ND(0.860)	NS	ND(0.85) J	ND(0.96) J	ND(0.90) J
a,a'-Dimethylphenethylamine		ND(2.20)	NS	ND(2.20)	ND(2.40)	ND(2.30)
Acenaphthene		ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
Acenaphthylene		ND(0.430)	NS	0.110 J	ND(0.470)	ND(0.440)
Acetophenone		ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
Aniline		ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
Anthracene		ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
Aramite		ND(0.86) J	NS	ND(0.85) J	ND(0.96) J	ND(0.90) J
Benzidine		ND(0.86) J	NS	ND(0.85)	ND(0.96)	ND(0.90)
Benzo(a)anthracene		ND(0.430)	NS	0.360 J	ND(0.470)	ND(0.440)
Benzo(a)pyrene		ND(0.430)	NS	0.370 J	ND(0.470)	ND(0.440)
Benzo(b)fluoranthene		ND(0.430)	NS	0.290 J	ND(0.470)	ND(0.440)
Benzo(g,h,i)perylene		ND(0.430)	NS	0.370 J	ND(0.470)	ND(0.440)
Benzo(k)fluoranthene		ND(0.430)	NS	0.400 J	ND(0.470)	ND(0.440)
Benzyl Alcohol		ND(0.860)	NS	ND(0.850)	ND(0.960)	ND(0.900)
bis(2-Chloroethoxy)methane		ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
bis(2-Chloroethyl)ether		ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
bis(2-Chloroisopropyl)ether		ND(0.430)	NS	ND(0.42) J	ND(0.47) J	ND(0.44) J

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:				
	4C / CRA-19 / 2-5 / 01/23/01	4C / CRA-20 / 2-4 / 01/31/01	4C / CRA-20 / 2-5 / 01/31/01	4C / CRA-21 / 0-2 / 01/31/01	4C / CRA-22 / 5-14 / 01/31/01
Semivolatile Organics (continued)					
bis(2-Ethylhexyl)phthalate	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
Butylbenzylphthalate	ND(0.86) J	NS	ND(0.850)	ND(0.960)	ND(0.900)
Chrysene	ND(0.430)	NS	0.460	ND(0.470)	ND(0.440)
Diallate	ND(0.860)	NS	ND(0.850)	ND(0.960)	ND(0.900)
Dibenzo(a,h)anthracene	ND(0.860)	NS	ND(0.850)	ND(0.960)	ND(0.900)
Dibenzofuran	ND(0.430)	NS	0.0890 J	ND(0.470)	ND(0.440)
Diethylphthalate	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
Dimethylphthalate	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
Di-n-Butylphthalate	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
Di-n-Octylphthalate	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
Diphenylamine	ND(0.43)	NS	ND(0.42)	ND(0.47)	ND(0.44)
Ethyl Methanesulfonate	ND(0.430)	NS	ND(0.42) J	ND(0.47) J	ND(0.44) J
Fluoranthene	ND(0.430)	NS	0.570	ND(0.470)	ND(0.440)
Fluorene	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
Hexachlorobenzene	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
Hexachlorobutadiene	ND(0.860)	NS	ND(0.850)	ND(0.960)	ND(0.900)
Hexachlorocyclopentadiene	ND(0.430)	NS	ND(0.42) J	ND(0.47) J	ND(0.44) J
Hexachloroethane	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
Hexachlorophene	ND(0.86) J	NS	ND(0.85) J	ND(0.96) J	ND(0.90) J
Hexachloropropene	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
Indeno(1,2,3-cd)pyrene	ND(0.860)	NS	0.330 J	ND(0.960)	ND(0.900)
Isodrin	ND(0.43)	NS	ND(0.42)	ND(0.47)	ND(0.44)
Isophorone	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
Isosafrole	ND(0.860)	NS	ND(0.850)	ND(0.960)	ND(0.900)
Methapyrilene	ND(2.2) J	NS	ND(2.2) J	ND(2.4) J	ND(2.3) J
Methyl Methanesulfonate	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
Naphthalene	ND(0.430)	NS	0.170 J	ND(0.470)	ND(0.440)
Nitrobenzene	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
N-Nitrosodiethylamine	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
N-Nitrosodimethylamine	ND(2.10)	NS	ND(2.10)	ND(2.30)	ND(2.20)
N-Nitroso-di-n-butylamine	ND(0.860)	NS	ND(0.850)	ND(0.960)	ND(0.900)
N-Nitroso-di-n-propylamine	ND(0.860)	NS	ND(0.850)	ND(0.960)	ND(0.900)
N-Nitrosodiphenylamine	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
N-Nitrosomethylethylamine	ND(0.860)	NS	ND(0.850)	ND(0.960)	ND(0.900)
N-Nitrosomorpholine	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
N-Nitrosopiperidine	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
N-Nitrosopyrrolidine	ND(0.860)	NS	ND(0.850)	ND(0.960)	ND(0.900)
o,o,o-Triethylphosphorothioate	ND(0.43)	NS	ND(0.42) J	ND(0.47) J	ND(0.44) J
o-Toluidine	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
p-Dimethylaminoazobenzene	ND(2.20)	NS	ND(2.20)	ND(2.40)	ND(2.30)
Pentachlorobenzene	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
Pentachloroethane	ND(0.43) J	NS	ND(0.42)	ND(0.47)	ND(0.44)
Pentachloronitrobenzene	ND(2.20)	NS	ND(2.20)	ND(2.40)	ND(2.30)
Pentachlorophenol	ND(2.20)	NS	ND(2.20)	ND(2.40)	ND(2.30)
Phenacetin	ND(2.20)	NS	ND(2.20)	ND(2.40)	ND(2.30)
Phenanthrene	ND(0.430)	NS	0.320 J	ND(0.470)	ND(0.440)
Phenol	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
Pronamide	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
Pyrene	ND(0.430)	NS	0.560	ND(0.470)	ND(0.440)
Pyridine	ND(0.43) J	NS	ND(0.420)	ND(0.470)	ND(0.440)
Safrole	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
Thionazin	ND(0.43)	NS	ND(0.42)	ND(0.47)	ND(0.44)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4C / CRA-19 / 2-5 / 01/23/01	4C / CRA-20 / 2-4 / 01/31/01	4C / CRA-20 / 2-5 / 01/31/01	4C / CRA-21 / 0-2 / 01/31/01	4C / CRA-22 / 5-14 / 01/31/01
Furans						
2,3,7,8-TCDF		ND(0.0000094)	NS	ND(0.000014)	0.00000051 J	ND(0.000013)
TCDFs (total)		ND(0.0000094)	NS	ND(0.000014)	0.0000036	ND(0.000013)
1,2,3,7,8-PeCDF		ND(0.000015)	NS	ND(0.0000095)	ND(0.00000023) X	ND(0.000010)
2,3,4,7,8-PeCDF		ND(0.000015)	NS	ND(0.0000093)	0.00000053 J	ND(0.000010)
PeCDFs (total)		ND(0.000015)	NS	ND(0.0000094)	0.0000052	ND(0.000010)
1,2,3,4,7,8-HxCDF		ND(0.0000082)	NS	ND(0.00016)	0.00000043 J	ND(0.00012)
1,2,3,6,7,8-HxCDF		ND(0.0000076)	NS	ND(0.00014)	0.00000038 J	ND(0.00011)
1,2,3,7,8,9-HxCDF		ND(0.0000090)	NS	ND(0.00017)	ND(0.00000010)	ND(0.00013)
2,3,4,6,7,8-HxCDF		ND(0.0000083)	NS	ND(0.00016)	0.00000060 J	ND(0.00012)
HxCDFs (total)		ND(0.0000083)	NS	ND(0.00017)	0.0000079	ND(0.00023)
1,2,3,4,6,7,8-HpCDF		ND(0.000013)	NS	ND(0.000042)	0.0000057	ND(0.000045)
1,2,3,4,7,8,9-HpCDF		ND(0.000016)	NS	ND(0.000050)	0.00000044 J	ND(0.000055)
HpCDFs (total)		ND(0.000014)	NS	ND(0.000046)	0.000015	ND(0.000050)
OCDF		ND(0.000021)	NS	ND(0.000031)	0.000018	ND(0.000029)
Dioxins						
2,3,7,8-TCDD		ND(0.000015)	NS	ND(0.000017)	ND(0.000000095)	ND(0.000017)
TCDDs (total)		ND(0.000015)	NS	ND(0.000017)	ND(0.00000042)	ND(0.000017)
1,2,3,7,8-PeCDD		ND(0.000014)	NS	ND(0.000017)	ND(0.00000019) X	ND(0.000017)
PeCDDs (total)		ND(0.000014)	NS	ND(0.000017)	ND(0.00000062)	ND(0.000017)
1,2,3,4,7,8-HxCDD		ND(0.000013)	NS	ND(0.000033)	0.00000026 J	ND(0.00033)
1,2,3,6,7,8-HxCDD		ND(0.000012)	NS	ND(0.000033)	0.00000077 J	ND(0.00032)
1,2,3,7,8,9-HxCDD		ND(0.000011)	NS	ND(0.000030)	0.00000053 J	ND(0.00030)
HxCDDs (total)		ND(0.000012)	NS	ND(0.000032)	0.0000048	ND(0.00032)
1,2,3,4,6,7,8-HpCDD		ND(0.000017)	NS	ND(0.000049)	0.000018	ND(0.00021)
HpCDDs (total)		ND(0.000017)	NS	ND(0.000049)	0.000034	ND(0.00021)
OCDD		ND(0.000039)	NS	0.00014 J	0.00013	ND(0.000049)
Total TEQs (WHO TEFs)		0.000023	NS	0.000057	0.0000010	0.000093
Inorganics						
Antimony		ND(12.0) J	NS	ND(11.0)	ND(13.0)	ND(12.0)
Arsenic		ND(15.0)	NS	ND(19.0)	ND(21.0)	ND(20.0)
Barium		ND(30.0)	NS	ND(38.0)	ND(43.0)	ND(40.0)
Beryllium		ND(0.190)	NS	0.310	0.310	0.240
Cadmium		ND(1.90)	NS	ND(1.90)	ND(2.10)	ND(2.00)
Chromium		8.90	NS	12.0	11.0	9.80
Cobalt		11.0	NS	14.0	ND(11.0)	12.0
Copper		30.0	NS	58.0	ND(21.0)	ND(20.0)
Cyanide		ND(1.00)	NS	ND(1.00)	ND(1.00)	ND(1.00)
Lead		14.0	NS	65.0	18.0	8.90
Mercury		ND(0.260)	NS	0.340	ND(0.280)	ND(0.270)
Nickel		18.0	NS	25.0	16.0	23.0
Selenium		ND(0.960)	NS	ND(0.950) J	ND(1.10) J	ND(1.00) J
Silver		ND(0.960)	NS	ND(0.950)	ND(1.10)	ND(1.00)
Sulfide		14.0	NS	30.0	ND(7.10)	ND(6.80)
Thallium		ND(1.90) J	NS	2.50	ND(2.10)	ND(2.00)
Tin		ND(58.0)	NS	ND(57.0)	ND(64.0)	ND(61.0)
Vanadium		ND(9.60)	NS	14.0	11.0	ND(10.0)
Zinc		45.0	NS	130	58.0	56.0

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4C / CRA-22 / 12-14 / 01/31/01	4C / X-17 / 0-2 / 01/31/01	4D / RAA4-25 / 0-1 / 01/02/02	4D / RAA4-25 / 1-3 / 01/02/02
Volatile Organics					
1,1,1,2-Tetrachloroethane		ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
1,1,1-Trichloroethane		ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
1,1,2,2-Tetrachloroethane		ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
1,1,2-Trichloroethane		ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
1,1-Dichloroethane		ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
1,1-Dichloroethene		ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
1,2,3-Trichloropropane		ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
1,2-Dibromo-3-chloropropane		ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
1,2-Dibromoethane		ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
1,2-Dichloroethane		ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
1,2-Dichloropropane		ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
1,4-Dioxane		ND(0.20) J	NS	ND(0.11) J	ND(0.10) J [ND(0.11) J]
2-Butanone		ND(0.10)	NS	ND(0.011)	ND(0.010) [ND(0.011)]
2-Chloro-1,3-butadiene		ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
2-Chloroethylvinylether		ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
2-Hexanone		ND(0.014)	NS	ND(0.011)	ND(0.010) [ND(0.011)]
3-Chloropropene		ND(0.014)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
4-Methyl-2-pentanone		ND(0.014)	NS	ND(0.011)	ND(0.010) [ND(0.011)]
Acetone		ND(0.10)	NS	ND(0.022)	ND(0.021) [ND(0.021)]
Acetonitrile		ND(0.14) J	NS	ND(0.11) J	ND(0.10) J [ND(0.11) J]
Acrolein		ND(0.14) J	NS	ND(0.11) J	ND(0.10) J [ND(0.11) J]
Acrylonitrile		ND(0.014)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
Benzene		ND(0.00680)	NS	ND(0.00540)	ND(0.00530) [ND(0.00530)]
Bromodichloromethane		ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
Bromoform		ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
Bromomethane		ND(0.014)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
Carbon Disulfide		ND(0.010)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
Carbon Tetrachloride		ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
Chlorobenzene		ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
Chloroethane		ND(0.014)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
Chloroform		ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
Chloromethane		ND(0.014)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
cis-1,3-Dichloropropene		ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
Dibromochloromethane		ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
Dibromomethane		ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
Dichlorodifluoromethane		ND(0.014)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
Ethyl Methacrylate		ND(0.014)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
Ethylbenzene		ND(0.00680)	NS	ND(0.00540)	ND(0.00530) [ND(0.00530)]
Iodomethane		ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
Isobutanol		ND(0.27) J	NS	ND(0.11) J	ND(0.10) J [ND(0.11) J]
Methacrylonitrile		ND(0.014)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
Methyl Methacrylate		ND(0.014)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
Methylene Chloride		ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
Propionitrile		ND(0.068) J	NS	ND(0.011) J	ND(0.010) J [ND(0.011) J]
Styrene		ND(0.00680)	NS	ND(0.00540)	ND(0.00530) [ND(0.00530)]
Tetrachloroethene		ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
Toluene		ND(0.00680)	NS	ND(0.00540)	ND(0.00530) [ND(0.00530)]
trans-1,2-Dichloroethene		ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
trans-1,3-Dichloropropene		ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
trans-1,4-Dichloro-2-butene		ND(0.014)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
Trichloroethene		ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
Trichlorofluoromethane		ND(0.0068) J	NS	ND(0.0054) J	ND(0.0053) J [ND(0.0053) J]
Vinyl Acetate		ND(0.014)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
Vinyl Chloride		ND(0.014)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
Xylenes (total)		ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4C / CRA-22 / 12-14 / 01/31/01	4C / X-17 / 0-2 / 01/31/01	4D / RAA4-25 / 0-1 / 01/02/02	4D / RAA4-25 / 1-3 / 01/02/02
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
1,2,4-Trichlorobenzene		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
1,2-Dichlorobenzene		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
1,2-Diphenylhydrazine		NS	NS	ND(0.36)	ND(0.35) [ND(0.35)]
1,3,5-Trinitrobenzene		NS	NS	ND(0.36) J	ND(0.35) J [ND(0.35) J]
1,3-Dichlorobenzene		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
1,3-Dinitrobenzene		NS	NS	ND(0.730)	ND(0.700) [ND(0.710)]
1,4-Dichlorobenzene		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
1,4-Naphthoquinone		NS	NS	ND(0.730)	ND(0.700) [ND(0.710)]
1-Naphthylamine		NS	NS	ND(0.730)	ND(0.700) [ND(0.710)]
2,3,4,6-Tetrachlorophenol		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
2,4,5-Trichlorophenol		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
2,4,6-Trichlorophenol		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
2,4-Dichlorophenol		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
2,4-Dimethylphenol		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
2,4-Dinitrophenol		NS	NS	ND(1.80)	ND(1.80) [ND(1.80)]
2,4-Dinitrotoluene		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
2,6-Dichlorophenol		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
2,6-Dinitrotoluene		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
2-Acetylaminofluorene		NS	NS	ND(0.73) J	ND(0.70) J [ND(0.71) J]
2-Chloronaphthalene		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
2-Chlorophenol		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
2-Methylnaphthalene		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
2-Methylphenol		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
2-Naphthylamine		NS	NS	ND(0.730)	ND(0.700) [ND(0.710)]
2-Nitroaniline		NS	NS	ND(1.8) J	ND(1.8) J [ND(1.8) J]
2-Nitrophenol		NS	NS	ND(0.730)	ND(0.700) [ND(0.710)]
2-Picoline		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
3&4-Methylphenol		NS	NS	ND(0.730)	ND(0.700) [ND(0.710)]
3,3'-Dichlorobenzidine		NS	NS	ND(0.730)	ND(0.700) [ND(0.710)]
3,3'-Dimethylbenzidine		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
3-Methylcholanthrene		NS	NS	ND(0.73) J	ND(0.70) J [ND(0.71) J]
3-Nitroaniline		NS	NS	ND(1.80)	ND(1.80) [ND(1.80)]
4,6-Dinitro-2-methylphenol		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
4-Aminobiphenyl		NS	NS	ND(0.73) J	ND(0.70) J [ND(0.71) J]
4-Bromophenyl-phenylether		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
4-Chloro-3-Methylphenol		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
4-Chloroaniline		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
4-Chlorobenzilate		NS	NS	ND(0.730)	ND(0.700) [ND(0.710)]
4-Chlorophenyl-phenylether		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
4-Nitroaniline		NS	NS	ND(0.730)	ND(0.700) [ND(0.710)]
4-Nitrophenol		NS	NS	ND(1.80)	ND(1.80) [ND(1.80)]
4-Nitroquinoline-1-oxide		NS	NS	ND(0.730)	ND(0.700) [ND(0.710)]
4-Phenylenediamine		NS	NS	ND(0.730)	ND(0.700) [ND(0.710)]
5-Nitro-o-toluidine		NS	NS	ND(0.730)	ND(0.700) [ND(0.710)]
7,12-Dimethylbenz(a)anthracene		NS	NS	ND(0.730)	ND(0.700) [ND(0.710)]
a,a'-Dimethylphenethylamine		NS	NS	ND(0.730)	ND(0.700) [ND(0.710)]
Acenaphthene		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Acenaphthylene		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Acetophenone		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Aniline		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Anthracene		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Aramite		NS	NS	ND(0.73) J	ND(0.70) J [ND(0.71) J]
Benzidine		NS	NS	ND(0.73)	ND(0.70) [ND(0.71)]
Benzo(a)anthracene		NS	NS	0.0840 J	ND(0.350) [ND(0.350)]
Benzo(a)pyrene		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Benzo(b)fluoranthene		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Benzo(g,h,i)perylene		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Benzo(k)fluoranthene		NS	NS	0.110 J	ND(0.350) [ND(0.350)]
Benzyl Alcohol		NS	NS	ND(0.730)	ND(0.700) [ND(0.710)]
bis(2-Chloroethoxy)methane		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
bis(2-Chloroethyl)ether		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
bis(2-Chloroisopropyl)ether		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4C / CRA-22 / 12-14 / 01/31/01	4C / X-17 / 0-2 / 01/31/01	4D / RAA4-25 / 0-1 / 01/02/02	4D / RAA4-25 / 1-3 / 01/02/02
Semivolatile Organics (continued)					
bis(2-Ethylhexyl)phthalate		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Butylbenzylphthalate		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Chrysene		NS	NS	0.110 J	ND(0.350) [ND(0.350)]
Dialiate		NS	NS	ND(0.730)	ND(0.700) [ND(0.710)]
Dibenzo(a,h)anthracene		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Dibenzofuran		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Diethylphthalate		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Dimethylphthalate		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Di-n-Butylphthalate		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Di-n-Octylphthalate		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Diphenylamine		NS	NS	ND(0.36)	ND(0.35) [ND(0.35)]
Ethyl Methanesulfonate		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Fluoranthene		NS	NS	0.150 J	ND(0.350) [ND(0.350)]
Fluorene		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Hexachlorobenzene		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Hexachlorobutadiene		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Hexachlorocyclopentadiene		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Hexachloroethane		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Hexachlorophene		NS	NS	ND(0.73) J	ND(0.70) J [ND(0.71) J]
Hexachloropropene		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Indeno(1,2,3-cd)pyrene		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Isodrin		NS	NS	ND(0.36)	ND(0.35) [ND(0.35)]
Isophorone		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Isosafrole		NS	NS	ND(0.730)	ND(0.700) [ND(0.710)]
Methapyrilene		NS	NS	ND(0.730)	ND(0.700) [ND(0.710)]
Methyl Methanesulfonate		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Naphthalene		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Nitrobenzene		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
N-Nitrosodiethylamine		NS	NS	ND(0.36) J	ND(0.35) J [ND(0.35) J]
N-Nitrosodimethylamine		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
N-Nitroso-di-n-butylamine		NS	NS	ND(0.730)	ND(0.700) [ND(0.710)]
N-Nitroso-di-n-propylamine		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
N-Nitrosodiphenylamine		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
N-Nitrosomethylethylamine		NS	NS	ND(0.730)	ND(0.700) [ND(0.710)]
N-Nitrosomorpholine		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
N-Nitrosopiperidine		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
N-Nitrosopyrrolidine		NS	NS	ND(0.730)	ND(0.700) [ND(0.710)]
o,o,o-Triethylphosphorothioate		NS	NS	ND(0.36)	ND(0.35) [ND(0.35)]
o-Toluidine		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
p-Dimethylaminoazobenzene		NS	NS	ND(0.730)	ND(0.700) [ND(0.710)]
Pentachlorobenzene		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Pentachloroethane		NS	NS	ND(0.36)	ND(0.35) [ND(0.35)]
Pentachloronitrobenzene		NS	NS	ND(0.730)	ND(0.700) [ND(0.710)]
Pentachlorophenol		NS	NS	ND(1.80)	ND(1.80) [ND(1.80)]
Phenacetin		NS	NS	ND(0.730)	ND(0.700) [ND(0.710)]
Phenanthrene		NS	NS	0.0960 J	ND(0.350) [ND(0.350)]
Phenol		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Pronamide		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Pyrene		NS	NS	0.150 J	ND(0.350) [ND(0.350)]
Pyridine		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Safrole		NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Thionazin		NS	NS	ND(0.36)	ND(0.35) [ND(0.35)]

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4C CRA-22 12-14 01/31/01	4C X-17 0-2 01/31/01	4D RAA4-25 0-1 01/02/02	4D RAA4-25 1-3 01/02/02
Furans					
2,3,7,8-TCDF		NS	0.000053	0.000013	0.0000014 [0.0000022]
TCDFs (total)		NS	0.00045 QI	0.000089	0.000011 [0.000018]
1,2,3,7,8-PeCDF		NS	0.000014	0.0000067	0.00000052 J [0.00000080 J]
2,3,4,7,8-PeCDF		NS	0.000021	0.000019	0.0000019 J [0.0000028]
PeCDFs (total)		NS	0.00025 Q	0.00020	0.000016 [0.000024]
1,2,3,4,7,8-HxCDF		NS	0.000011	0.0000071	0.00000095 J [0.0000011 J]
1,2,3,6,7,8-HxCDF		NS	0.0000072	0.0000060	0.00000074 J [0.00000080 J]
1,2,3,7,8,9-HxCDF		NS	0.0000018 J	0.0000020 J	ND(0.00000038) [0.00000039 J]
2,3,4,6,7,8-HxCDF		NS	0.000012	0.000012	0.0000014 J [0.0000017 J]
HxCDFs (total)		NS	0.00020	0.00014	0.000015 [0.000021]
1,2,3,4,6,7,8-HpCDF		NS	0.00011	0.000014	0.0000017 J [0.0000022]
1,2,3,4,7,8,9-HpCDF		NS	0.0000028	0.0000017 J	0.00000022 J [0.00000032 J]
HpCDFs (total)		NS	0.00020	0.000033	0.0000019 [0.0000050]
OCDF		NS	0.000059	0.0000086	0.0000012 J [0.0000013 J]
Dioxins					
2,3,7,8-TCDD		NS	ND(0.00000061) X	ND(0.00000010) X	ND(0.000000046) X [ND(0.000000044) X]
TCDDs (total)		NS	0.0000093	0.0000015	0.0000017 [0.0000062]
1,2,3,7,8-PeCDD		NS	ND(0.0000013) X	ND(0.00000024) X	ND(0.00000022) X [ND(0.00000022) X]
PeCDDs (total)		NS	0.0000088 Q	0.0000016	0.0000018 [0.0000063]
1,2,3,4,7,8-HxCDD		NS	0.00000062 J	ND(0.00000026) X	ND(0.00000022) [ND(0.00000030)]
1,2,3,6,7,8-HxCDD		NS	0.0000026	0.00000086 J	ND(0.00000022) [0.00000050 J]
1,2,3,7,8,9-HxCDD		NS	0.0000014 J	ND(0.00000024) X	ND(0.00000022) X [0.00000032 J]
HxCDDs (total)		NS	0.000022	0.0000069	0.0000033 [0.0000062]
1,2,3,4,6,7,8-HpCDD		NS	0.000038	0.000011	0.0000024 [0.0000016 J]
HpCDDs (total)		NS	0.000070	0.000024	0.0000051 [0.0000030]
OCDD		NS	0.00025	0.000072	ND(0.000014) [ND(0.0000081)]
Total TEQs (WHO TEFs)		NS	0.000023	0.000014	0.0000017 [0.0000023]
Inorganics					
Antimony		NS	NS	ND(6.00)	ND(6.00) [ND(6.00)]
Arsenic		NS	NS	4.20	5.20 [4.10]
Barium		NS	NS	23.0	21.0 [ND(20.0)]
Beryllium		NS	NS	0.130 B	0.150 B [0.150 B]
Cadmium		NS	NS	0.130 B	ND(0.500) [ND(0.500)]
Chromium		NS	NS	6.80	5.60 [4.70]
Cobalt		NS	NS	7.10	8.60 [6.20]
Copper		NS	NS	22.0	19.0 [18.0]
Cyanide		NS	NS	0.130	ND(0.210) [ND(0.110)]
Lead		NS	NS	21.0	25.0 [22.0]
Mercury		NS	NS	0.0120 B	0.0220 B [0.0320 B]
Nickel		NS	NS	13.0	14.0 [10.0]
Selenium		NS	NS	ND(1.00)	ND(1.00) [ND(1.00)]
Silver		NS	NS	ND(1.00)	ND(1.00) [ND(1.00)]
Sulfide		NS	NS	ND(8.70)	ND(5.30) [ND(25.0)]
Thallium		NS	NS	ND(1.60)	ND(1.60) [ND(1.60)]
Tin		NS	NS	ND(10.0)	4.50 B [ND(10.0)]
Vanadium		NS	NS	8.00	ND(5.00) [ND(5.00)]
Zinc		NS	NS	38.0	32.0 [26.0]

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4D RAA4-26 1-3 01/02/02	4D RAA4-E38 0-1 05/14/02	4D RAA4-E40 0-1 05/13/02	4D RAA4-E42 0-1 01/03/02	4D RAA4-F37 0-1 05/14/02
Volatile Organics						
1,1,1,2-Tetrachloroethane		ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
1,1,1-Trichloroethane		ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
1,1,2,2-Tetrachloroethane		ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
1,1,2-Trichloroethane		ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
1,1-Dichloroethane		ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
1,1-Dichloroethene		ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
1,2,3-Trichloropropane		ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
1,2-Dibromo-3-chloropropane		ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
1,2-Dibromoethane		ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
1,2-Dichloroethane		ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
1,2-Dichloropropane		ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
1,4-Dioxane		ND(0.11) J	ND(0.12) J	ND(0.12)	ND(0.11) J	ND(0.11) J
2-Butanone		ND(0.011)	ND(0.012)	ND(0.012)	ND(0.011)	ND(0.011)
2-Chloro-1,3-butadiene		ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
2-Chloroethylvinylether		ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
2-Hexanone		ND(0.011)	ND(0.012) J	ND(0.012) J	ND(0.011)	ND(0.011) J
3-Chloropropene		ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
4-Methyl-2-pentanone		ND(0.011)	ND(0.012)	ND(0.012)	ND(0.011)	ND(0.011)
Acetone		ND(0.021)	ND(0.023)	0.030	ND(0.022)	ND(0.021)
Acetonitrile		ND(0.11) J	ND(0.12) J	ND(0.12)	ND(0.11) J	ND(0.11) J
Acrolein		ND(0.11) J	ND(0.12) J	ND(0.12)	ND(0.11) J	ND(0.11) J
Acrylonitrile		ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
Benzene		ND(0.00530)	ND(0.00580)	ND(0.00610)	ND(0.00540)	ND(0.00530)
Bromodichloromethane		ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
Bromoform		ND(0.0053)	ND(0.0058) J	ND(0.0061)	ND(0.0054)	ND(0.0053) J
Bromomethane		ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
Carbon Disulfide		ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
Carbon Tetrachloride		ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
Chlorobenzene		ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
Chloroethane		ND(0.0053)	ND(0.0058) J	ND(0.0061) J	ND(0.0054) J	ND(0.0053) J
Chloroform		ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
Chloromethane		ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
cis-1,3-Dichloropropene		ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
Dibromochloromethane		ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
Dibromomethane		ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
Dichlorodifluoromethane		ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
Ethyl Methacrylate		ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
Ethylbenzene		ND(0.00530)	ND(0.00580)	ND(0.00610)	ND(0.00540)	ND(0.00530)
Iodomethane		ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
Isobutanol		ND(0.11) J	ND(0.12)	ND(0.12)	ND(0.11) J	ND(0.11)
Methacrylonitrile		ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
Methyl Methacrylate		ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
Methylene Chloride		ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
Propionitrile		ND(0.011) J	ND(0.012)	ND(0.012)	ND(0.011) J	ND(0.011)
Styrene		ND(0.00530)	ND(0.00580)	ND(0.00610)	ND(0.00540)	ND(0.00530)
Tetrachloroethene		ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
Toluene		ND(0.00530)	ND(0.00580)	ND(0.00610)	ND(0.00540)	ND(0.00530)
trans-1,2-Dichloroethene		ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
trans-1,3-Dichloropropene		ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
trans-1,4-Dichloro-2-butene		ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
Trichloroethene		ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
Trichlorofluoromethane		ND(0.0053) J	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
Vinyl Acetate		ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054) J	ND(0.0053)
Vinyl Chloride		ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
Xylenes (total)		ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4D RAA4-26 1-3 01/02/02	4D RAA4-E38 0-1 05/14/02	4D RAA4-E40 0-1 05/13/02	4D RAA4-E42 0-1 01/03/02	4D RAA4-F37 0-1 05/14/02
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
1,2,4-Trichlorobenzene		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
1,2-Dichlorobenzene		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
1,2-Diphenylhydrazine		ND(0.35)	ND(0.38)	ND(0.41)	ND(0.36)	ND(0.36)
1,3,5-Trinitrobenzene		ND(0.35) J	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
1,3-Dichlorobenzene		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
1,3-Dinitrobenzene		ND(0.710)	ND(0.770)	ND(0.820)	ND(0.720)	ND(0.710)
1,4-Dichlorobenzene		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
1,4-Naphthoquinone		ND(0.710)	ND(0.770)	ND(0.820)	ND(0.72) J	ND(0.710)
1-Naphthylamine		ND(0.710)	ND(0.770)	ND(0.820)	ND(0.720)	ND(0.710)
2,3,4,6-Tetrachlorophenol		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
2,4,5-Trichlorophenol		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
2,4,6-Trichlorophenol		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
2,4-Dichlorophenol		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
2,4-Dimethylphenol		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
2,4-Dinitrophenol		ND(1.80)	ND(2.00)	ND(2.10)	ND(1.80)	ND(1.80)
2,4-Dinitrotoluene		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
2,6-Dichlorophenol		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
2,6-Dinitrotoluene		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
2-Acetylaminofluorene		ND(0.71) J	ND(0.770)	ND(0.820)	ND(0.720)	ND(0.710)
2-Chloronaphthalene		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
2-Chlorophenol		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
2-Methylnaphthalene		ND(0.350)	0.160 J	0.310 J	ND(0.360)	ND(0.360)
2-Methylphenol		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
2-Naphthylamine		ND(0.710)	ND(0.770)	ND(0.820)	ND(0.720)	ND(0.710)
2-Nitroaniline		ND(1.8) J	ND(2.00)	ND(2.10)	ND(1.80)	ND(1.80)
2-Nitrophenol		ND(0.710)	ND(0.770)	ND(0.820)	ND(0.720)	ND(0.710)
2-Picoline		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
3&4-Methylphenol		ND(0.710)	ND(0.770)	ND(0.820)	ND(0.720)	ND(0.710)
3,3'-Dichlorobenzidine		ND(0.710)	ND(0.77) J	ND(0.82) J	ND(0.720)	ND(0.71) J
3,3'-Dimethylbenzidine		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
3-Methylcholanthrene		ND(0.71) J	ND(0.770)	ND(0.820)	ND(0.720)	ND(0.710)
3-Nitroaniline		ND(1.80)	ND(2.00)	ND(2.10)	ND(1.80)	ND(1.80)
4,6-Dinitro-2-methylphenol		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
4-Aminobiphenyl		ND(0.71) J	ND(0.770)	ND(0.820)	ND(0.720)	ND(0.710)
4-Bromophenyl-phenylether		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
4-Chloro-3-Methylphenol		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
4-Chloroaniline		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
4-Chlorobenzilate		ND(0.710)	ND(0.770)	ND(0.820)	ND(0.720)	ND(0.710)
4-Chlorophenyl-phenylether		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
4-Nitroaniline		ND(0.710)	ND(2.00)	ND(2.10)	ND(0.720)	ND(1.80)
4-Nitrophenol		ND(1.80)	ND(2.00)	ND(2.10)	ND(1.80)	ND(1.80)
4-Nitroquinoline-1-oxide		ND(0.710)	ND(0.770)	ND(0.820)	ND(0.72) J	ND(0.710)
4-Phenylenediamine		ND(0.710)	ND(0.77) J	ND(0.82) J	ND(0.72) J	ND(0.71) J
5-Nitro-o-toluidine		ND(0.710)	ND(0.770)	ND(0.820)	ND(0.720)	ND(0.710)
7,12-Dimethylbenz(a)anthracene		ND(0.710)	ND(0.770)	ND(0.820)	ND(0.720)	ND(0.710)
a,a'-Dimethylphenethylamine		ND(0.710)	ND(0.770)	ND(0.820)	ND(0.72) J	ND(0.710)
Acenaphthene		ND(0.350)	0.0830 J	1.60	ND(0.360)	ND(0.360)
Acenaphthylene		ND(0.350)	0.150 J	ND(0.410)	ND(0.360)	0.0950 J
Acetophenone		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
Aniline		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
Anthracene		ND(0.350)	0.150 J	2.10	ND(0.360)	0.280 J
Aramite		ND(0.71) J	ND(0.770)	ND(0.820)	ND(0.720)	ND(0.710)
Benzidine		ND(0.71)	ND(0.77) J	ND(0.82) J	ND(0.72) J	ND(0.71) J
Benzo(a)anthracene		ND(0.350)	0.460	3.90	0.110 J	0.240 J
Benzo(a)pyrene		ND(0.350)	0.440	2.80	ND(0.360)	0.220 J
Benzo(b)fluoranthene		ND(0.350)	0.250 J	2.10	0.0820 J	0.150 J
Benzo(g,h,i)perylene		ND(0.350)	0.310 J	1.20	ND(0.360)	0.380
Benzo(k)fluoranthene		ND(0.350)	0.430	2.90	0.160 J	0.200 J
Benzyl Alcohol		ND(0.710)	ND(0.77) J	ND(0.820)	ND(0.720)	ND(0.71) J
bis(2-Chloroethoxy)methane		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
bis(2-Chloroethyl)ether		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
bis(2-Chloroisopropyl)ether		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4D / RAA4-25 / 1-3 / 01/02/02	4D / RAA4-E38 / 0-1 / 05/14/02	4D / RAA4-E40 / 0-1 / 05/13/02	4D / RAA4-E42 / 0-1 / 01/03/02	4D / RAA4-F37 / 0-1 / 05/14/02
Semivolatile Organics (continued)						
bis(2-Ethylhexyl)phthalate		ND(0.350)	ND(0.380)	ND(0.400)	0.110 J	ND(0.350)
Butylbenzylphthalate		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
Chrysene		ND(0.350)	0.540	3.70	0.140 J	0.200 J
Diallate		ND(0.710)	ND(0.770)	ND(0.820)	ND(0.720)	ND(0.710)
Dibenzo(a,h)anthracene		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
Dibenzofuran		ND(0.350)	ND(0.380)	1.00	ND(0.360)	ND(0.360)
Diethylphthalate		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
Dimethylphthalate		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
Di-n-Butylphthalate		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
Di-n-Octylphthalate		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
Diphenylamine		ND(0.35)	ND(0.38)	ND(0.41)	ND(0.36)	ND(0.36)
Ethyl Methanesulfonate		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
Fluoranthene		ND(0.350)	0.720	11.0	0.220 J	0.400
Fluorene		ND(0.350)	0.140 J	1.40	ND(0.360)	ND(0.360)
Hexachlorobenzene		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
Hexachlorobutadiene		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
Hexachlorocyclopentadiene		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.36) J	ND(0.360)
Hexachloroethane		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
Hexachlorophene		ND(0.71) J	ND(0.77)	ND(0.82)	ND(0.72)	ND(0.71)
Hexachloropropene		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
Indeno(1,2,3-cd)pyrene		ND(0.350)	0.200 J	1.30	ND(0.360)	0.210 J
Isodrin		ND(0.35)	ND(0.38)	ND(0.41)	ND(0.36)	ND(0.36)
Isophorone		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
Isosafrole		ND(0.710)	ND(0.770)	ND(0.820)	ND(0.720)	ND(0.710)
Methapyrilene		ND(0.710)	ND(0.770)	ND(0.820)	ND(0.720)	ND(0.710)
Methyl Methanesulfonate		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
Naphthalene		ND(0.350)	1.20	1.00	ND(0.360)	ND(0.360)
Nitrobenzene		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
N-Nitrosodiethylamine		ND(0.35) J	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
N-Nitrosodimethylamine		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
N-Nitroso-di-n-butylamine		ND(0.710)	ND(0.770)	ND(0.820)	ND(0.720)	ND(0.710)
N-Nitroso-di-n-propylamine		ND(0.35) J	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
N-Nitrosodiphenylamine		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
N-Nitrosomethylethylamine		ND(0.710)	ND(0.770)	ND(0.820)	ND(0.720)	ND(0.710)
N-Nitrosomorpholine		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
N-Nitrosopiperidine		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
N-Nitrosopyrrolidine		ND(0.710)	ND(0.770)	ND(0.820)	ND(0.720)	ND(0.710)
o,o,o-Triethylphosphorothioate		ND(0.35)	ND(0.38)	ND(0.41)	ND(0.36)	ND(0.36)
o-Toluidine		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
p-Dimethylaminoazobenzene		ND(0.710)	ND(0.770)	ND(0.820)	ND(0.720)	ND(0.710)
Pentachlorobenzene		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
Pentachloroethane		ND(0.35)	ND(0.38)	ND(0.41)	ND(0.36)	ND(0.36)
Pentachloronitrobenzene		ND(0.710)	ND(0.770)	ND(0.820)	ND(0.720)	ND(0.710)
Pentachlorophenol		ND(1.80)	ND(2.00)	ND(2.10)	ND(1.80)	ND(1.80)
Phenacetin		ND(0.710)	ND(0.770)	ND(0.820)	ND(0.720)	ND(0.710)
Phenanthrene		ND(0.350)	0.730	11.0	0.140 J	0.220 J
Phenol		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
Pronamide		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
Pyrene		ND(0.350)	0.890	7.10	0.200 J	0.310 J
Pyridine		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
Safrole		ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
Thionazin		ND(0.35)	ND(0.38)	ND(0.41)	ND(0.36)	ND(0.36)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:					
	Averaging Area:	4D	4D	4D	4D	4D
	Sample ID:	RAA4-26	RAA4-E38	RAA4-E40	RAA4-E42	RAA4-F37
	Sample Depth(Feet):	1-3	0-1	0-1	0-1	0-1
Parameter	Date Collected:	01/02/02	05/14/02	05/13/02	01/03/02	05/14/02
Furans						
2,3,7,8-TCDF		0.0000026	0.000018	0.00012	0.000017	0.000026
TCDFs (total)		0.000015	0.00016 QI	0.00090 Q	0.00014	0.00056 I
1,2,3,7,8-PeCDF		0.0000014 J	0.0000051	0.000032	0.0000083	0.000016
2,3,4,7,8-PeCDF		0.0000028	0.000016	0.000093	0.000029	0.00020
PeCDFs (total)		0.000028	0.00020 QI	0.00079 QI	0.00030	0.0028 Q
1,2,3,4,7,8-HxCDF		0.0000015 J	0.0000064	0.000035	0.0000089	0.00013 J
1,2,3,6,7,8-HxCDF		0.0000012 J	0.0000076	0.000025	0.0000082	0.000064 J
1,2,3,7,8,9-HxCDF		ND(0.00000022) Q	0.0000019	0.0000074 J	ND(0.0000024)	0.000026
2,3,4,6,7,8-HxCDF		0.0000021 J	0.000025	0.000052	0.000016	0.00018
HxCDFs (total)		0.000024 Q	0.00035	0.00069	0.00022	0.0028 IJ
1,2,3,4,6,7,8-HpCDF		0.0000039	0.000044 J	0.000066	0.000025	0.00026 J
1,2,3,4,7,8,9-HpCDF		0.00000045 J	0.0000028	0.0000078 J	0.0000019 J	0.000064
HpCDFs (total)		0.0000043	0.000098	0.00014 I	0.000058	0.00076 IJ
OCDF		0.0000017 J	0.000022	0.000047	0.000022	0.00053
Dioxins						
2,3,7,8-TCDD		ND(0.000000044) X	0.00000063	0.0000011 J	ND(0.000000045) X	0.00000060
TCDDs (total)		0.0000011	0.0000073	0.0000046	0.0000032	0.000013
1,2,3,7,8-PeCDD		ND(0.00000022) X	ND(0.00000089) X	ND(0.0000036) X	ND(0.00000023) X	ND(0.000011) X
PeCDDs (total)		0.0000012	0.0000073	0.000016	0.0000048	0.000045 Q
1,2,3,4,7,8-HxCDD		ND(0.00000022)	0.00000066 J	0.0000018 J	0.00000054 J	0.0000045
1,2,3,6,7,8-HxCDD		0.00000034 J	0.0000011 J	0.0000046 J	0.0000016 J	0.000011
1,2,3,7,8,9-HxCDD		ND(0.00000022) Q	0.00000081 J	0.0000030 J	0.0000011 J	0.0000056
HxCDDs (total)		0.0000028 Q	0.000014	0.000050 Q	0.000016	0.00012
1,2,3,4,6,7,8-HpCDD		0.0000022 J	0.000012	0.000034	0.000022	0.000098
HpCDDs (total)		0.0000047	0.000024	0.000073	0.000043	0.00022
OCDD		ND(0.000016)	0.000074	0.00022	0.00017	0.00080
Total TEQs (WHO TEFs)		0.0000025	0.000016	0.000077	0.000021	0.00016
Inorganics						
Antimony		ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic		4.00	4.90	6.30	2.90	2.80
Barium		22.0	30.0	41.0	ND(20.0)	20.0
Beryllium		ND(0.500)	ND(0.500)	ND(0.500)	0.0980 B	0.100 B
Cadmium		ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)
Chromium		5.20	10.0	8.60	6.20	9.50
Cobalt		5.50	7.40	7.10	ND(5.00)	ND(5.00)
Copper		12.0	19.0	96.0	58.0	25.0
Cyanide		ND(0.210)	0.220 B	0.280	ND(0.220)	0.290
Lead		6.80	19.0	51.0	22.0	21.0
Mercury		0.00530 B	0.180	0.290	0.0580 B	ND(0.110)
Nickel		9.40	14.0	13.0	9.50	9.30
Selenium		ND(1.00)	ND(1.00)	ND(1.00) J	ND(1.00)	ND(1.00)
Silver		ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide		ND(14.0)	20.0	39.0	8.60	32.0
Thallium		ND(1.60)	ND(1.20)	ND(1.20)	ND(1.60)	ND(1.10)
Tin		3.50 B	ND(3.90)	ND(4.50)	ND(10.0)	ND(10.0)
Vanadium		ND(5.00)	11.0	11.0	6.10	18.0
Zinc		27.0	58.0	53.0	35.0	65.0

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4D RAA4-F39 0-1 04/22/02	4D RAA4-F41 0-1 04/24/02	4D RAA4-F42 1-6 05/13/02	4D RAA4-F42 5-6 05/13/02	4D RAA4-F43 6-8 07/08/02
Volatile Organics						
1,1,1,2-Tetrachloroethane		ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
1,1,1-Trichloroethane		ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
1,1,2,2-Tetrachloroethane		ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
1,1,2-Trichloroethane		ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
1,1-Dichloroethane		ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
1,1-Dichloroethene		ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
1,2,3-Trichloropropane		ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
1,2-Dibromo-3-chloropropane		ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
1,2-Dibromoethane		ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
1,2-Dichloroethane		ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
1,2-Dichloropropane		ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
1,4-Dioxane		ND(0.10) J	ND(0.11) J	NS	ND(0.12)	ND(0.11) J
2-Butanone		ND(0.010)	ND(0.011)	NS	ND(0.012)	ND(0.011)
2-Chloro-1,3-butadiene		ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
2-Chloroethylvinylether		ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
2-Hexanone		ND(0.010)	ND(0.011)	NS	ND(0.012) J	ND(0.011)
3-Chloropropene		ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
4-Methyl-2-pentanone		ND(0.010)	ND(0.011)	NS	ND(0.012)	ND(0.011)
Acetone		ND(0.021)	ND(0.021)	NS	0.016 J	ND(0.022)
Acetonitrile		ND(0.10) J	ND(0.11)	NS	ND(0.12)	ND(0.11)
Acrolein		ND(0.10) J	ND(0.11) J	NS	ND(0.12)	ND(0.11) J
Acrylonitrile		ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
Benzene		ND(0.00530)	ND(0.00530)	NS	ND(0.00610)	ND(0.00560)
Bromodichloromethane		ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
Bromoform		ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
Bromomethane		ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
Carbon Disulfide		ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
Carbon Tetrachloride		ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
Chlorobenzene		ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
Chloroethane		ND(0.0053)	ND(0.0053)	NS	ND(0.0061) J	ND(0.0056)
Chloroform		ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
Chloromethane		ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
cis-1,3-Dichloropropene		ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
Dibromochloromethane		ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
Dibromomethane		ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
Dichlorodifluoromethane		ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
Ethyl Methacrylate		ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
Ethylbenzene		ND(0.00530)	ND(0.00530)	NS	ND(0.00610)	ND(0.00560)
Iodomethane		ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
Isobutanol		ND(0.10) J	ND(0.11)	NS	ND(0.12)	ND(0.11)
Methacrylonitrile		ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
Methyl Methacrylate		ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
Methylene Chloride		ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
Propionitrile		ND(0.010)	ND(0.011)	NS	ND(0.012)	ND(0.011)
Styrene		ND(0.00530)	ND(0.00530)	NS	ND(0.00610)	ND(0.00560)
Tetrachloroethene		ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
Toluene		ND(0.00530)	ND(0.00530)	NS	ND(0.00610)	ND(0.00560)
trans-1,2-Dichloroethene		ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
trans-1,3-Dichloropropene		ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
trans-1,4-Dichloro-2-butene		ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056) J
Trichloroethene		ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
Trichlorofluoromethane		ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
Vinyl Acetate		ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
Vinyl Chloride		ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
Xylenes (total)		ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4D RAA4-F39 0-1 04/22/02	4D RAA4-F41 0-1 04/24/02	4D RAA4-F42 1-6 05/13/02	4D RAA4-F42 5-6 05/13/02	4D RAA4-F43 6-8 07/08/02
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
1,2,4-Trichlorobenzene		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
1,2-Dichlorobenzene		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
1,2-Diphenylhydrazine		ND(0.35)	ND(0.36)	ND(0.41)	NS	NS
1,3,5-Trinitrobenzene		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
1,3-Dichlorobenzene		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
1,3-Dinitrobenzene		ND(0.710)	ND(0.720)	ND(0.820)	NS	NS
1,4-Dichlorobenzene		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
1,4-Naphthoquinone		ND(0.710)	ND(0.720)	ND(0.820)	NS	NS
1-Naphthylamine		ND(0.710)	ND(0.720)	ND(0.820)	NS	NS
2,3,4,6-Tetrachlorophenol		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
2,4,5-Trichlorophenol		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
2,4,6-Trichlorophenol		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
2,4-Dichlorophenol		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
2,4-Dimethylphenol		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
2,4-Dinitrophenol		ND(1.80)	ND(1.80)	ND(2.10)	NS	NS
2,4-Dinitrotoluene		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
2,6-Dichlorophenol		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
2,6-Dinitrotoluene		ND(0.35) J	ND(0.36) J	ND(0.410)	NS	NS
2-Acetylaminofluorene		ND(0.710)	ND(0.720)	ND(0.820)	NS	NS
2-Chloronaphthalene		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
2-Chlorophenol		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
2-Methylnaphthalene		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
2-Methylphenol		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
2-Naphthylamine		ND(0.710)	ND(0.720)	ND(0.820)	NS	NS
2-Nitroaniline		ND(1.80)	ND(1.80)	ND(2.10)	NS	NS
2-Nitrophenol		ND(0.710)	ND(0.720)	ND(0.820)	NS	NS
2-Picoline		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
3&4-Methylphenol		ND(0.710)	ND(0.720)	ND(0.820)	NS	NS
3,3'-Dichlorobenzidine		ND(0.710)	ND(0.720)	ND(0.82) J	NS	NS
3,3'-Dimethylbenzidine		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
3-Methylcholanthrene		ND(0.710)	ND(0.720)	ND(0.820)	NS	NS
3-Nitroaniline		ND(1.80)	ND(1.80)	ND(2.10)	NS	NS
4,6-Dinitro-2-methylphenol		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
4-Aminobiphenyl		ND(0.710)	ND(0.720)	ND(0.820)	NS	NS
4-Bromophenyl-phenylether		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
4-Chloro-3-Methylphenol		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
4-Chloroaniline		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
4-Chlorobenzilate		ND(0.710)	ND(0.720)	ND(0.820)	NS	NS
4-Chlorophenyl-phenylether		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
4-Nitroaniline		ND(1.80)	ND(1.80)	ND(2.10)	NS	NS
4-Nitrophenol		ND(1.80)	ND(1.80)	ND(2.10)	NS	NS
4-Nitroquinoline-1-oxide		ND(0.710)	ND(0.720)	ND(0.820)	NS	NS
4-Phenylenediamine		ND(0.71) J	ND(0.72) J	ND(0.82) J	NS	NS
5-Nitro-o-toluidine		ND(0.710)	ND(0.720)	ND(0.820)	NS	NS
7,12-Dimethylbenz(a)anthracene		ND(0.710)	ND(0.720)	ND(0.820)	NS	NS
a,a'-Dimethylphenethylamine		ND(0.710)	ND(0.720)	ND(0.820)	NS	NS
Acenaphthene		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
Acenaphthylene		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
Acetophenone		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
Aniline		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
Anthracene		ND(0.350)	0.0980 J	ND(0.410)	NS	NS
Aramite		ND(0.710)	ND(0.720)	ND(0.820)	NS	NS
Benzidine		ND(0.71) J	ND(0.72)	ND(0.82) J	NS	NS
Benzo(a)anthracene		0.190 J	0.310 J	ND(0.410)	NS	NS
Benzo(a)pyrene		0.230 J	0.300 J	ND(0.410)	NS	NS
Benzo(b)fluoranthene		0.220 J	0.300 J	ND(0.410)	NS	NS
Benzo(g,h,i)perylene		ND(0.350)	0.180 J	ND(0.410)	NS	NS
Benzo(k)fluoranthene		0.160 J	0.240 J	ND(0.410)	NS	NS
Benzyl Alcohol		ND(0.710)	ND(0.720)	ND(0.820)	NS	NS
bis(2-Chloroethoxy)methane		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
bis(2-Chloroethyl)ether		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
bis(2-Chloroisopropyl)ether		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:					
	Averaging Area:	4D	4D	4D	4D	4D
	Sample ID:	RAA4-F39	RAA4-F41	RAA4-F42	RAA4-F42	RAA4-F43
	Sample Depth(Feet):	0-1	0-1	1-6	5-6	6-8
Parameter	Date Collected:	04/22/02	04/24/02	05/13/02	05/13/02	07/08/02
Semivolatile Organics (continued)						
bis(2-Ethylhexyl)phthalate		ND(0.350)	ND(0.350)	ND(0.400)	NS	NS
Butylbenzylphthalate		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
Chrysene		0.190 J	0.300 J	ND(0.410)	NS	NS
Diallate		ND(0.710)	ND(0.720)	ND(0.820)	NS	NS
Dibenzo(a,h)anthracene		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
Dibenzofuran		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
Diethylphthalate		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
Dimethylphthalate		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
Di-n-Butylphthalate		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
Di-n-Octylphthalate		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
Diphenylamine		ND(0.35)	ND(0.36)	ND(0.41)	NS	NS
Ethyl Methanesulfonate		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
Fluoranthene		0.350 J	0.600	ND(0.410)	NS	NS
Fluorene		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
Hexachlorobenzene		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
Hexachlorobutadiene		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
Hexachlorocyclopentadiene		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
Hexachloroethane		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
Hexachlorophene		ND(0.71)	ND(0.72)	ND(0.82)	NS	NS
Hexachloropropene		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
Indeno(1,2,3-cd)pyrene		ND(0.350)	0.100 J	ND(0.410)	NS	NS
Isodrin		ND(0.35)	ND(0.36)	ND(0.41)	NS	NS
Isophorone		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
Isosafrole		ND(0.710)	ND(0.720)	ND(0.820)	NS	NS
Methapyrilene		ND(0.710)	ND(0.720)	ND(0.820)	NS	NS
Methyl Methanesulfonate		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
Naphthalene		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
Nitrobenzene		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
N-Nitrosodiethylamine		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
N-Nitrosodimethylamine		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
N-Nitroso-di-n-butylamine		ND(0.710)	ND(0.720)	ND(0.820)	NS	NS
N-Nitroso-di-n-propylamine		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
N-Nitrosodiphenylamine		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
N-Nitrosomethylethylamine		ND(0.710)	ND(0.720)	ND(0.820)	NS	NS
N-Nitrosomorpholine		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
N-Nitrosopiperidine		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
N-Nitrosopyrrolidine		ND(0.710)	ND(0.720)	ND(0.820)	NS	NS
o,o,o-Triethylphosphorothioate		ND(0.35)	ND(0.36)	ND(0.41)	NS	NS
o-Toluidine		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
p-Dimethylaminoazobenzene		ND(0.710)	ND(0.720)	ND(0.820)	NS	NS
Pentachlorobenzene		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
Pentachloroethane		ND(0.35)	ND(0.36)	ND(0.41)	NS	NS
Pentachloronitrobenzene		ND(0.710)	ND(0.720)	ND(0.820)	NS	NS
Pentachlorophenol		ND(1.80)	ND(1.80)	ND(2.10)	NS	NS
Phenacetin		ND(0.710)	ND(0.720)	ND(0.820)	NS	NS
Phenanthrene		0.240 J	0.440	ND(0.410)	NS	NS
Phenol		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
Pronamide		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
Pyrene		0.440	0.640	ND(0.410)	NS	NS
Pyridine		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
Safrole		ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
Thionazin		ND(0.35)	ND(0.36)	ND(0.41)	NS	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4D RAA4-F39 0-1 04/22/02	4D RAA4-F41 0-1 04/24/02	4D RAA4-F42 1-6 05/13/02	4D RAA4-F42 5-6 05/13/02	4D RAA4-F43 6-8 07/08/02
Furans						
2,3,7,8-TCDF		0.000017 Y	0.000014 Y	0.00000024 J	NS	NS
TCDFs (total)		0.00014 X	0.00014	0.00000054	NS	NS
1,2,3,7,8-PeCDF		0.0000098	ND(0.0000022) X	0.000000095 J	NS	NS
2,3,4,7,8-PeCDF		0.000016	0.0000041 J	ND(0.00000011) X	NS	NS
PeCDFs (total)		0.00026 X	0.00012	0.00000054	NS	NS
1,2,3,4,7,8-HxCDF		0.000036	0.0000093	ND(0.000000086) X	NS	NS
1,2,3,6,7,8-HxCDF		0.000011	0.0000027 JB	ND(0.00000013) X	NS	NS
1,2,3,7,8,9-HxCDF		0.000011	0.0000012 JB	ND(0.00000030)	NS	NS
2,3,4,6,7,8-HxCDF		0.000014	0.0000025 J	0.000000067 J	NS	NS
HxCDFs (total)		0.00025 X	0.000056	0.00000080	NS	NS
1,2,3,4,6,7,8-HpCDF		0.000039	0.0000065	ND(0.00000021) X	NS	NS
1,2,3,4,7,8,9-HpCDF		0.0000088	ND(0.00000009) X	ND(0.00000030)	NS	NS
HpCDFs (total)		0.000091	0.0000065	ND(0.00000019)	NS	NS
OCDF		0.000085	ND(0.0000054) X	ND(0.00000017) X	NS	NS
Dioxins						
2,3,7,8-TCDD		ND(0.00000021) X	ND(0.00000012) X	ND(0.00000014)	NS	NS
TCDDs (total)		0.0000012 Q	0.0000011	0.00000053	NS	NS
1,2,3,7,8-PeCDD		ND(0.000000090)	ND(0.00000010)	ND(0.000000060) X	NS	NS
PeCDDs (total)		0.0000043	ND(0.0000013) X	0.00000075	NS	NS
1,2,3,4,7,8-HxCDD		ND(0.00000020)	0.00000036 JB	ND(0.00000030)	NS	NS
1,2,3,6,7,8-HxCDD		0.0000017 J	0.00000048 JB	ND(0.00000030)	NS	NS
1,2,3,7,8,9-HxCDD		ND(0.0000012) X	0.00000049 JB	ND(0.00000030)	NS	NS
HxCDDs (total)		0.0000040	0.0000047	ND(0.00000030)	NS	NS
1,2,3,4,6,7,8-HpCDD		0.000022	0.0000064	ND(0.00000048)	NS	NS
HpCDDs (total)		0.000065	0.000030	ND(0.00000091)	NS	NS
OCDD		0.00020	0.000060	ND(0.0000045)	NS	NS
Total TEQs (WHO TEFs)		0.000019	0.0000055	0.00000024	NS	NS
Inorganics						
Antimony		1.30 B	ND(6.00)	ND(6.00)	NS	NS
Arsenic		4.60	9.00	8.20	NS	NS
Barium		23.0	39.0	28.0	NS	NS
Beryllium		0.140 B	ND(0.500)	ND(0.500)	NS	NS
Cadmium		ND(0.500)	1.00	0.130 B	NS	NS
Chromium		8.20	9.40	13.0	NS	NS
Cobalt		6.20	8.60	13.0	NS	NS
Copper		34.0	53.0	28.0	NS	NS
Cyanide		ND(0.210)	ND(0.210)	ND(0.120)	NS	NS
Lead		130	36.0 J	11.0	NS	NS
Mercury		0.068 J	ND(0.110)	ND(0.120)	NS	NS
Nickel		12.0	24.0	23.0	NS	NS
Selenium		ND(1.00)	ND(1.00) J	ND(1.00) J	NS	NS
Silver		ND(1.00)	ND(1.00)	ND(1.00)	NS	NS
Sulfide		24.0	14.0	22.0	NS	NS
Thallium		ND(1.10) J	ND(1.10) J	ND(1.20)	NS	NS
Tin		4.00 B	ND(10.0)	ND(3.70)	NS	NS
Vanadium		8.40	12.0	10.0	NS	NS
Zinc		43.0	54.0	70.0	NS	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4D RAA4-F43 6-15 07/08/02	4D RAA4-G36 0-1 05/14/02	4D RAA4-G38 0-1 04/23/02	4D RAA4-G38 1-6 04/23/02	4D RAA4-G38 3-5 04/23/02
Volatile Organics						
1,1,1,2-Tetrachloroethane		NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
1,1,1-Trichloroethane		NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
1,1,2,2-Tetrachloroethane		NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
1,1,2-Trichloroethane		NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
1,1-Dichloroethane		NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
1,1-Dichloroethene		NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
1,2,3-Trichloropropane		NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
1,2-Dibromo-3-chloropropane		NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
1,2-Dibromoethane		NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
1,2-Dichloroethane		NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
1,2-Dichloropropane		NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
1,4-Dioxane		NS	ND(0.11) J	ND(0.11) J	NS	ND(0.11) J
2-Butanone		NS	ND(0.011)	ND(0.011)	NS	ND(0.011)
2-Chloro-1,3-butadiene		NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
2-Chloroethylvinylether		NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
2-Hexanone		NS	ND(0.011) J	ND(0.011) J	NS	ND(0.011) J
3-Chloropropene		NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
4-Methyl-2-pentanone		NS	ND(0.011)	ND(0.011)	NS	ND(0.011)
Acetone		NS	ND(0.022)	0.018 J	NS	0.019 J
Acetonitrile		NS	ND(0.11) J	ND(0.11) J	NS	ND(0.11) J
Acrolein		NS	ND(0.11) J	ND(0.11) J	NS	ND(0.11) J
Acrylonitrile		NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
Benzene		NS	ND(0.00560)	0.00400 J	NS	ND(0.00570)
Bromodichloromethane		NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
Bromoform		NS	ND(0.0056) J	ND(0.0056)	NS	ND(0.0057)
Bromomethane		NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
Carbon Disulfide		NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
Carbon Tetrachloride		NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
Chlorobenzene		NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
Chloroethane		NS	ND(0.0056) J	ND(0.0056)	NS	ND(0.0057)
Chloroform		NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
Chloromethane		NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
cis-1,3-Dichloropropene		NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
Dibromochloromethane		NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
Dibromomethane		NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
Dichlorodifluoromethane		NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
Ethyl Methacrylate		NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
Ethylbenzene		NS	ND(0.00560)	ND(0.00560)	NS	ND(0.00570)
Iodomethane		NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
Isobutanol		NS	ND(0.11)	ND(0.11) J	NS	ND(0.11) J
Methacrylonitrile		NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
Methyl Methacrylate		NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
Methylene Chloride		NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
Propionitrile		NS	ND(0.011)	ND(0.011)	NS	ND(0.011)
Styrene		NS	ND(0.00560)	ND(0.00560)	NS	ND(0.00570)
Tetrachloroethene		NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
Toluene		NS	ND(0.00560)	ND(0.00560)	NS	ND(0.00570)
trans-1,2-Dichloroethene		NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
trans-1,3-Dichloropropene		NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
trans-1,4-Dichloro-2-butene		NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
Trichloroethene		NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
Trichlorofluoromethane		NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
Vinyl Acetate		NS	ND(0.0056)	ND(0.0056) J	NS	ND(0.0057) J
Vinyl Chloride		NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
Xylenes (total)		NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4D RAA4-F43 6-15 07/08/02	4D RAA4-G36 0-1 05/14/02	4D RAA4-G38 0-1 04/23/02	4D RAA4-G38 1-6 04/23/02	4D RAA4-G38 3-5 04/23/02
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
1,2,4-Trichlorobenzene		ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
1,2-Dichlorobenzene		ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
1,2-Diphenylhydrazine		ND(0.37)	ND(0.37)	ND(0.38)	ND(0.38)	NS
1,3,5-Trinitrobenzene		ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
1,3-Dichlorobenzene		ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
1,3-Dinitrobenzene		ND(0.740)	ND(0.740)	ND(0.750)	ND(0.760)	NS
1,4-Dichlorobenzene		ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
1,4-Naphthoquinone		ND(0.740)	ND(0.740)	ND(0.750)	ND(0.760)	NS
1-Naphthylamine		ND(0.740)	ND(0.740)	ND(0.750)	ND(0.760)	NS
2,3,4,6-Tetrachlorophenol		ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
2,4,5-Trichlorophenol		ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
2,4,6-Trichlorophenol		ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
2,4-Dichlorophenol		ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
2,4-Dimethylphenol		ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
2,4-Dinitrophenol		ND(1.90)	ND(1.90)	ND(1.90)	ND(1.90)	NS
2,4-Dinitrotoluene		ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
2,6-Dichlorophenol		ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
2,6-Dinitrotoluene		ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
2-Acetylaminofluorene		ND(0.740)	ND(0.740)	ND(0.750)	ND(0.760)	NS
2-Chloronaphthalene		ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
2-Chlorophenol		ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
2-Methylnaphthalene		ND(0.370)	ND(0.370)	ND(0.380)	0.100 J	NS
2-Methylphenol		ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
2-Naphthylamine		ND(0.740)	ND(0.740)	ND(0.750)	ND(0.760)	NS
2-Nitroaniline		ND(1.90)	ND(1.90)	ND(1.90)	ND(1.90)	NS
2-Nitrophenol		ND(0.740)	ND(0.740)	ND(0.750)	ND(0.760)	NS
2-Picoline		ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
3&4-Methylphenol		ND(0.740)	ND(0.740)	ND(0.750)	ND(0.760)	NS
3,3'-Dichlorobenzidine		ND(0.74) J	ND(0.74) J	ND(0.750)	ND(0.760)	NS
3,3'-Dimethylbenzidine		ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
3-Methylcholanthrene		ND(0.740)	ND(0.740)	ND(0.750)	ND(0.760)	NS
3-Nitroaniline		ND(1.90)	ND(1.90)	ND(1.90)	ND(1.90)	NS
4,6-Dinitro-2-methylphenol		ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
4-Aminobiphenyl		ND(0.740)	ND(0.740)	ND(0.750)	ND(0.760)	NS
4-Bromophenyl-phenylether		ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
4-Chloro-3-Methylphenol		ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
4-Chloroaniline		ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
4-Chlorobenzilate		ND(0.740)	ND(0.740)	ND(0.750)	ND(0.760)	NS
4-Chlorophenyl-phenylether		ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
4-Nitroaniline		ND(1.90)	ND(1.90)	ND(1.90)	ND(1.90)	NS
4-Nitrophenol		ND(1.90)	ND(1.90)	ND(1.90)	ND(1.90)	NS
4-Nitroquinoline-1-oxide		ND(0.740)	ND(0.740)	ND(0.750)	ND(0.760)	NS
4-Phenylenediamine		ND(0.74) J	ND(0.74) J	ND(0.75) J	ND(0.76) J	NS
5-Nitro-o-toluidine		ND(0.740)	ND(0.740)	ND(0.750)	ND(0.760)	NS
7,12-Dimethylbenz(a)anthracene		ND(0.740)	ND(0.740)	ND(0.750)	ND(0.760)	NS
a,a'-Dimethylphenethylamine		ND(0.740)	ND(0.740)	ND(0.750)	ND(0.760)	NS
Acenaphthene		ND(0.370)	ND(0.370)	ND(0.380)	0.0880 J	NS
Acenaphthylene		ND(0.370)	ND(0.370)	ND(0.380)	0.110 J	NS
Acetophenone		ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
Aniline		ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
Anthracene		ND(0.370)	ND(0.370)	0.0980 J	0.310 J	NS
Aramite		ND(0.740)	ND(0.740)	ND(0.750)	ND(0.760)	NS
Benzidine		ND(0.74) J	ND(0.74) J	ND(0.75)	ND(0.76)	NS
Benzo(a)anthracene		ND(0.370)	ND(0.370)	0.290 J	1.10	NS
Benzo(a)pyrene		ND(0.370)	ND(0.370)	0.290 J	1.10	NS
Benzo(b)fluoranthene		ND(0.370)	ND(0.370)	0.250 J	1.10	NS
Benzo(g,h,i)perylene		ND(0.370)	ND(0.370)	0.300 J	0.840	NS
Benzo(k)fluoranthene		ND(0.370)	ND(0.370)	0.270 J	0.730	NS
Benzyl Alcohol		ND(0.740)	ND(0.74) J	ND(0.750)	ND(0.760)	NS
bis(2-Chloroethoxy)methane		ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
bis(2-Chloroethyl)ether		ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
bis(2-Chloroisopropyl)ether		ND(0.37) J	ND(0.370)	ND(0.380)	ND(0.380)	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Averaging Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	4D RAA4-F43 6-15 07/08/02	4D RAA4-G36 0-1 05/14/02	4D RAA4-G38 0-1 04/23/02	4D RAA4-G38 1-6 04/23/02	4D RAA4-G38 3-5 04/23/02
Semivolatile Organics (continued)					
bis(2-Ethylhexyl)phthalate	ND(0.370)	ND(0.370)	ND(0.370)	ND(0.370)	NS
Butylbenzylphthalate	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
Chrysene	ND(0.370)	ND(0.370)	0.280 J	1.00	NS
Diallate	ND(0.740)	ND(0.740)	ND(0.750)	ND(0.760)	NS
Dibenzo(a,h)anthracene	ND(0.370)	ND(0.370)	ND(0.380)	0.510	NS
Dibenzofuran	ND(0.370)	ND(0.370)	ND(0.380)	0.0760 J	NS
Diethylphthalate	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
Dimethylphthalate	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
Di-n-Butylphthalate	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
Di-n-Octylphthalate	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
Diphenylamine	ND(0.37)	ND(0.37)	ND(0.38)	ND(0.38)	NS
Ethyl Methanesulfonate	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
Fluoranthene	ND(0.370)	ND(0.370)	0.460	1.60	NS
Fluorene	ND(0.370)	ND(0.370)	ND(0.380)	0.170 J	NS
Hexachlorobenzene	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
Hexachlorobutadiene	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
Hexachlorocyclopentadiene	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
Hexachloroethane	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
Hexachlorophene	ND(0.74)	ND(0.74)	ND(0.75)	ND(0.76)	NS
Hexachloropropene	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
Indeno(1,2,3-cd)pyrene	ND(0.370)	ND(0.370)	0.310 J	0.700	NS
Isodrin	ND(0.37)	ND(0.37)	ND(0.38)	ND(0.38)	NS
Isophorone	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
Isosafrole	ND(0.740)	ND(0.740)	ND(0.750)	ND(0.760)	NS
Methapyrilene	ND(0.740)	ND(0.740)	ND(0.750)	ND(0.760)	NS
Methyl Methanesulfonate	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
Naphthalene	ND(0.370)	ND(0.370)	0.300 J	0.310 J	NS
Nitrobenzene	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
N-Nitrosodiethylamine	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
N-Nitrosodimethylamine	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
N-Nitroso-di-n-butylamine	ND(0.740)	ND(0.740)	ND(0.750)	ND(0.760)	NS
N-Nitroso-di-n-propylamine	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
N-Nitrosodiphenylamine	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
N-Nitrosomethylethylamine	ND(0.740)	ND(0.740)	ND(0.750)	ND(0.760)	NS
N-Nitrosomorpholine	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
N-Nitrosopiperidine	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
N-Nitrosopyrrolidine	ND(0.740)	ND(0.740)	ND(0.750)	ND(0.760)	NS
o,o,o-Triethylphosphorothioate	ND(0.37)	ND(0.37)	ND(0.38)	ND(0.38)	NS
o-Toluidine	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
p-Dimethylaminoazobenzene	ND(0.740)	ND(0.740)	ND(0.750)	ND(0.760)	NS
Pentachlorobenzene	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
Pentachloroethane	ND(0.37)	ND(0.37)	ND(0.38)	ND(0.38)	NS
Pentachloronitrobenzene	ND(0.740)	ND(0.740)	ND(0.750)	ND(0.760)	NS
Pentachlorophenol	ND(1.90)	ND(1.90)	ND(1.90)	ND(1.90)	NS
Phenacetin	ND(0.740)	ND(0.740)	ND(0.750)	ND(0.760)	NS
Phenanthrene	ND(0.370)	ND(0.370)	0.390	1.30	NS
Phenol	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
Pronamide	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
Pyrene	ND(0.370)	ND(0.370)	0.600	2.80	NS
Pyridine	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
Safrole	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
Thionazin	ND(0.37)	ND(0.37)	ND(0.38)	ND(0.38)	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Averaging Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	4D RAA4-F43 6-15 07/08/02	4D RAA4-G36 0-1 05/14/02	4D RAA4-G38 0-1 04/23/02	4D RAA4-G38 1-6 04/23/02	4D RAA4-G38 3-5 04/23/02
Furans					
2,3,7,8-TCDF	ND(0.00000010)	0.0000045	0.000021 Y	0.000019 Y	NS
TCDFs (total)	ND(0.00000010)	0.000030	0.00017 EJ	0.00014 X	NS
1,2,3,7,8-PeCDF	ND(0.00000025)	0.0000016 J	0.0000070	ND(0.0000061) X	NS
2,3,4,7,8-PeCDF	ND(0.000000048)	0.0000026	0.000013	0.000013 J	NS
PeCDFs (total)	ND(0.000000048)	0.000026	0.00030 X	0.00021 X	NS
1,2,3,4,7,8-HxCDF	ND(0.000000032) X	0.0000016 J	0.000096	0.000069	NS
1,2,3,6,7,8-HxCDF	0.000000056 J	0.0000013 J	ND(0.000029) X	0.000014	NS
1,2,3,7,8,9-HxCDF	ND(0.00000025)	0.00000024 J	ND(0.000080) X	ND(0.000039) X	NS
2,3,4,6,7,8-HxCDF	ND(0.00000025)	0.0000017 J	0.000023	0.000013	NS
HxCDFs (total)	ND(0.00000011)	0.000021 J	0.00049 X	0.00022 X	NS
1,2,3,4,6,7,8-HpCDF	0.000000070 J	0.0000033 J	0.00014	0.000097	NS
1,2,3,4,7,8,9-HpCDF	ND(0.00000025)	0.00000032	0.000040	0.000026	NS
HpCDFs (total)	ND(0.000000070)	0.0000060 J	0.00033	0.00023	NS
OCDF	ND(0.00000050)	0.0000024 J	0.00025	0.00019	NS
Dioxins					
2,3,7,8-TCDD	ND(0.00000010)	ND(0.00000014)	ND(0.00000073) X	ND(0.00000050)	NS
TCDDs (total)	ND(0.00000038)	0.00000020 J	0.0000092 Q	0.000020	NS
1,2,3,7,8-PeCDD	ND(0.00000025)	ND(0.00000019) X	0.0000037 J	0.0000020 J	NS
PeCDDs (total)	ND(0.00000042)	0.00000033	0.0000054 Q	0.0000080	NS
1,2,3,4,7,8-HxCDD	ND(0.00000025)	ND(0.00000023)	ND(0.0000030) X	0.0000026 J	NS
1,2,3,6,7,8-HxCDD	ND(0.00000025)	ND(0.00000023)	0.0000080	ND(0.0000056) X	NS
1,2,3,7,8,9-HxCDD	ND(0.00000025)	ND(0.00000023)	0.0000061	0.0000036 J	NS
HxCDDs (total)	ND(0.00000025)	ND(0.00000023)	0.000053	0.000036	NS
1,2,3,4,6,7,8-HpCDD	ND(0.00000034) X	0.0000017 J	0.000060	0.000040	NS
HpCDDs (total)	ND(0.00000025)	0.0000035	0.00013	0.000083	NS
OCDD	ND(0.0000024)	0.000012	0.00035	0.00035 J	NS
Total TEQs (WHO TEFs)	0.00000027	0.0000026	0.000034	0.000025	NS
Inorganics					
Antimony	ND(6.00)	1.20 B	ND(6.00)	ND(6.00)	NS
Arsenic	6.40	6.90	5.10	13.0	NS
Barium	45.0	ND(20.0)	38.0	82.0	NS
Beryllium	ND(0.500)	0.140 B	ND(0.500)	ND(0.500)	NS
Cadmium	ND(0.500)	ND(0.500)	0.690	1.80	NS
Chromium	8.20	7.90	14.0	30.0	NS
Cobalt	8.20	9.10	6.40	7.80	NS
Copper	11.0	42.0	110	170	NS
Cyanide	ND(0.110)	ND(0.220)	0.270	0.970	NS
Lead	6.00	16.0	84.0	300	NS
Mercury	0.00440 B	ND(0.110)	0.160	0.290	NS
Nickel	14.0	16.0	14.0	19.0	NS
Selenium	ND(1.00)	ND(1.00)	ND(1.00)	0.650 B	NS
Silver	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	NS
Sulfide	ND(5.60)	16.0	70.0	34.0	NS
Thallium	2.00	ND(1.10)	ND(1.10) J	ND(1.10) J	NS
Tin	ND(3.60)	ND(4.40)	ND(12.0)	19.0	NS
Vanadium	6.90	10.0	17.0	19.0	NS
Zinc	35.0	48.0	78.0	120	NS

TABLE B-1
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GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4D RAA4-H33 0-1 06/20/02	4D RAA4-H34 1-6 06/06/02	4D RAA4-H34 2-4 06/06/02	4D RAA4-H35 0-1 04/23/02	4D RAA4-I33 0-1 06/06/02
Volatile Organics						
1,1,1,2-Tetrachloroethane		ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
1,1,1-Trichloroethane		ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
1,1,2,2-Tetrachloroethane		ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
1,1,2-Trichloroethane		ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
1,1-Dichloroethane		ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
1,1-Dichloroethene		ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
1,2,3-Trichloropropane		ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
1,2-Dibromo-3-chloropropane		ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
1,2-Dibromoethane		ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
1,2-Dichloroethane		ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
1,2-Dichloropropane		ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
1,4-Dioxane		ND(0.13) [ND(0.13)]	NS	ND(0.12) J	ND(0.11) J	ND(0.13)
2-Butanone		ND(0.013) [ND(0.013)]	NS	ND(0.012)	ND(0.011)	ND(0.013)
2-Chloro-1,3-butadiene		ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
2-Chloroethylvinylether		ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
2-Hexanone		ND(0.013) [ND(0.013)]	NS	ND(0.012)	ND(0.011) J	ND(0.013)
3-Chloropropene		ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
4-Methyl-2-pentanone		ND(0.013) [ND(0.013)]	NS	ND(0.012)	ND(0.011)	ND(0.013)
Acetone		0.016 J [0.026)	NS	ND(0.023)	0.013 J	0.056
Acetonitrile		ND(0.13) [ND(0.13)]	NS	ND(0.12)	ND(0.11) J	ND(0.13)
Acrolein		ND(0.13) [ND(0.13)]	NS	ND(0.12)	ND(0.11) J	ND(0.13)
Acrylonitrile		ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
Benzene		ND(0.0064) [ND(0.0064)]	NS	ND(0.00580)	ND(0.00570)	ND(0.0064)
Bromodichloromethane		ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
Bromoform		ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
Bromomethane		ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
Carbon Disulfide		ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
Carbon Tetrachloride		ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
Chlorobenzene		ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
Chloroethane		ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
Chloroform		ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
Chloromethane		ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
cis-1,3-Dichloropropene		ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
Dibromochloromethane		ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
Dibromomethane		ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
Dichlorodifluoromethane		ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
Ethyl Methacrylate		ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
Ethylbenzene		ND(0.0064) [ND(0.0064)]	NS	ND(0.00580)	ND(0.00570)	ND(0.0064)
Iodomethane		ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
Isobutanol		ND(0.13) [ND(0.13)]	NS	ND(0.12)	ND(0.11) J	ND(0.13)
Methacrylonitrile		ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
Methyl Methacrylate		ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
Methylene Chloride		ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
Propionitrile		ND(0.013) [ND(0.013)]	NS	ND(0.012)	ND(0.011)	ND(0.013)
Styrene		ND(0.0064) [ND(0.0064)]	NS	ND(0.00580)	ND(0.00570)	ND(0.0064)
Tetrachloroethene		ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
Toluene		ND(0.0064) [ND(0.0064)]	NS	ND(0.00580)	ND(0.00570)	ND(0.0064)
trans-1,2-Dichloroethene		ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
trans-1,3-Dichloropropene		ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
trans-1,4-Dichloro-2-butene		ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
Trichloroethene		ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
Trichlorofluoromethane		ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
Vinyl Acetate		ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057) J	ND(0.0064)
Vinyl Chloride		ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
Xylenes (total)		ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4D RAA4-H33 0-1 06/20/02	4D RAA4-H34 1-6 06/06/02	4D RAA4-H34 2-4 06/06/02	4D RAA4-H35 0-1 04/23/02	4D RAA4-I33 0-1 06/06/02
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
1,2,4-Trichlorobenzene		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
1,2-Dichlorobenzene		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
1,2-Diphenylhydrazine		R [ND(0.43) J]	ND(0.43)	NS	ND(0.49)	ND(0.59)
1,3,5-Trinitrobenzene		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
1,3-Dichlorobenzene		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
1,3-Dinitrobenzene		R [ND(0.86) J]	ND(0.780)	NS	ND(0.760)	ND(0.850)
1,4-Dichlorobenzene		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
1,4-Naphthoquinone		R [ND(0.86) J]	ND(0.780)	NS	ND(0.760)	ND(0.850)
1-Naphthylamine		R [ND(0.86) J]	ND(0.780)	NS	ND(0.760)	ND(0.850)
2,3,4,6-Tetrachlorophenol		ND(0.420) [ND(0.430)]	ND(0.430)	NS	ND(0.490)	ND(0.590)
2,4,5-Trichlorophenol		ND(0.420) [ND(0.430)]	ND(0.430)	NS	ND(0.490)	ND(0.590)
2,4,6-Trichlorophenol		ND(0.420) [ND(0.430)]	ND(0.430)	NS	ND(0.490)	ND(0.590)
2,4-Dichlorophenol		ND(0.420) [ND(0.430)]	ND(0.430)	NS	ND(0.490)	ND(0.590)
2,4-Dimethylphenol		ND(0.420) [ND(0.430)]	ND(0.430)	NS	ND(0.490)	ND(0.590)
2,4-Dinitrophenol		ND(2.20) [ND(2.20)]	ND(2.10)	NS	ND(2.40)	ND(3.00)
2,4-Dinitrotoluene		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
2,6-Dichlorophenol		ND(0.420) [ND(0.430)]	ND(0.430)	NS	ND(0.490)	ND(0.590)
2,6-Dinitrotoluene		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
2-Acetylaminofluorene		R [ND(0.86) J]	ND(0.780)	NS	ND(0.760)	ND(0.850)
2-Chloronaphthalene		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
2-Chlorophenol		ND(0.420) [ND(0.430)]	ND(0.430)	NS	ND(0.490)	ND(0.590)
2-Methylnaphthalene		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
2-Methylphenol		ND(0.420) [ND(0.430)]	ND(0.430)	NS	ND(0.490)	ND(0.590)
2-Naphthylamine		R [ND(0.86) J]	ND(0.780)	NS	ND(0.760)	ND(0.850)
2-Nitroaniline		R [ND(2.2) J]	ND(2.10)	NS	ND(2.40)	ND(3.00)
2-Nitrophenol		ND(0.860) [ND(0.860)]	ND(0.780)	NS	ND(0.760)	ND(0.850)
2-Picoline		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
3&4-Methylphenol		ND(0.860) [ND(0.860)]	ND(0.780)	NS	ND(0.760)	ND(0.850)
3,3'-Dichlorobenzidine		R [ND(0.86) J]	ND(0.85) J	NS	ND(0.980)	ND(1.2) J
3,3'-Dimethylbenzidine		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
3-Methylcholanthrene		R [ND(0.86) J]	ND(0.780)	NS	ND(0.760)	ND(0.850)
3-Nitroaniline		R [ND(2.2) J]	ND(2.10)	NS	ND(2.40)	ND(3.00)
4,6-Dinitro-2-methylphenol		ND(0.420) [ND(0.430)]	ND(0.430)	NS	ND(0.490)	ND(0.590)
4-Aminobiphenyl		R [ND(0.86) J]	ND(0.780)	NS	ND(0.760)	ND(0.850)
4-Bromophenyl-phenylether		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
4-Chloro-3-Methylphenol		ND(0.420) [ND(0.430)]	ND(0.430)	NS	ND(0.490)	ND(0.590)
4-Chloroaniline		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
4-Chlorobenzilate		R [ND(0.86) J]	ND(0.780)	NS	ND(0.760)	ND(0.850)
4-Chlorophenyl-phenylether		ND(0.420) [ND(0.430)]	ND(0.430)	NS	ND(0.490)	ND(0.590)
4-Nitroaniline		R [ND(2.2) J]	ND(2.00)	NS	ND(1.90)	ND(2.20)
4-Nitrophenol		ND(2.20) [ND(2.20)]	ND(2.10)	NS	ND(2.40)	ND(3.00)
4-Nitroquinoline-1-oxide		R [ND(0.86) J]	ND(0.780)	NS	ND(0.760)	ND(0.850)
4-Phenylenediamine		R [ND(0.86) J]	ND(0.780)	NS	ND(0.76) J	ND(0.850)
5-Nitro-o-toluidine		R [ND(0.86) J]	ND(0.780)	NS	ND(0.760)	ND(0.850)
7,12-Dimethylbenz(a)anthracene		R [ND(0.86) J]	ND(0.780)	NS	ND(0.760)	ND(0.850)
a,a'-Dimethylphenethylamine		R [ND(0.86) J]	ND(0.780)	NS	ND(0.760)	ND(0.850)
Acenaphthene		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
Acenaphthylene		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
Acetophenone		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
Aniline		R [0.20 J]	ND(0.430)	NS	ND(0.490)	1.10
Anthracene		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
Aramite		R [ND(0.86) J]	ND(0.780)	NS	ND(0.760)	ND(0.850)
Benzidine		R [ND(0.86) J]	ND(0.85)	NS	ND(0.98)	ND(1.2)
Benzo(a)anthracene		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
Benzo(a)pyrene		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
Benzo(b)fluoranthene		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
Benzo(g,h,i)perylene		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
Benzo(k)fluoranthene		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
Benzyl Alcohol		ND(0.86) J [ND(0.860)]	ND(0.850)	NS	ND(0.980)	ND(1.20)
bis(2-Chloroethoxy)methane		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
bis(2-Chloroethyl)ether		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
bis(2-Chloroisopropyl)ether		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4D RAA4-H33 0-1 06/20/02	4D RAA4-H34 1-6 06/06/02	4D RAA4-H34 2-4 06/06/02	4D RAA4-H35 0-1 04/23/02	4D RAA4-I33 0-1 06/06/02
Semivolatile Organics (continued)						
bis(2-Ethylhexyl)phthalate		R [ND(0.42) J]	ND(0.380)	NS	ND(0.370)	ND(0.420)
Butylbenzylphthalate		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
Chrysene		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
Diallate		R [ND(0.43) J]	ND(0.780)	NS	ND(0.760)	ND(0.850)
Dibenzo(a,h)anthracene		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
Dibenzofuran		R [ND(0.86) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
Diethylphthalate		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
Dimethylphthalate		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
Di-n-Butylphthalate		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
Di-n-Octylphthalate		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
Diphenylamine		R [ND(0.43) J]	ND(0.43)	NS	ND(0.49)	ND(0.59)
Ethyl Methanesulfonate		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
Fluoranthene		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	0.320 J
Fluorene		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
Hexachlorobenzene		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
Hexachlorobutadiene		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
Hexachlorocyclopentadiene		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
Hexachloroethane		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
Hexachlorophene		R [ND(0.86) J]	ND(0.85)	NS	ND(0.98)	ND(1.2)
Hexachloropropene		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
Indeno(1,2,3-cd)pyrene		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
Isodrin		R [ND(0.43) J]	ND(0.43)	NS	ND(0.49)	ND(0.59)
Isophorone		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
Isosafrole		R [ND(0.86) J]	ND(0.780)	NS	ND(0.760)	ND(0.850)
Methapyrilene		R [ND(0.86) J]	ND(0.780)	NS	ND(0.760)	ND(0.850)
Methyl Methanesulfonate		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
Naphthalene		R [ND(0.86) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
Nitrobenzene		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
N-Nitrosodiethylamine		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
N-Nitrosodimethylamine		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
N-Nitroso-di-n-butylamine		R [ND(0.43) J]	ND(0.780)	NS	ND(0.760)	ND(0.850)
N-Nitroso-di-n-propylamine		R [ND(0.86) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
N-Nitrosodiphenylamine		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
N-Nitrosomethylethylamine		R [ND(0.43) J]	ND(0.780)	NS	ND(0.760)	ND(0.850)
N-Nitrosomorpholine		R [ND(0.86) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
N-Nitrosopiperidine		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
N-Nitrosopyrrolidine		R [ND(0.43) J]	ND(0.780)	NS	ND(0.760)	ND(0.850)
o,o,o-Triethylphosphorothioate		R [ND(0.43) J]	ND(0.43)	NS	ND(0.49)	ND(0.59)
o-Toluidine		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
p-Dimethylaminoazobenzene		R [ND(0.86) J]	ND(0.780)	NS	ND(0.760)	ND(0.850)
Pentachlorobenzene		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
Pentachloroethane		R [ND(0.43) J]	ND(0.43)	NS	ND(0.49)	ND(0.59)
Pentachloronitrobenzene		R [ND(0.86) J]	ND(0.780)	NS	ND(0.760)	ND(0.850)
Pentachlorophenol		ND(2.20) [ND(2.20)]	ND(2.10)	NS	ND(2.40)	ND(3.00)
Phenacetin		R [ND(0.86) J]	ND(0.780)	NS	ND(0.760)	ND(0.850)
Phenanthrene		R [0.10 J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
Phenol		ND(0.420) [ND(0.430)]	ND(0.430)	NS	ND(0.490)	ND(0.590)
Pronamide		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
Pyrene		R [0.12 J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
Pyridine		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
Safrole		R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
Thionazin		R [ND(0.43) J]	ND(0.43)	NS	ND(0.49)	ND(0.59)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4D RAA4-H33 0-1 06/20/02	4D RAA4-H34 1-6 06/06/02	4D RAA4-H34 2-4 06/06/02	4D RAA4-H35 0-1 04/23/02	4D RAA4-I33 0-1 06/06/02
Furans						
2,3,7,8-TCDF		0.00050 YEJ [0.00037 Y]	0.00010 Y	NS	0.000041 Y	0.00033 Y
TCDFs (total)		0.0040 I [0.0031 I]	0.00071	NS	0.00023	0.0024 I
1,2,3,7,8-PeCDF		0.00019 [0.00015]	0.000059	NS	0.000015	0.00017
2,3,4,7,8-PeCDF		0.00021 [0.00016]	0.000067	NS	0.000014	0.00015
PeCDFs (total)		0.0022 I [0.0017 I]	0.00060 I	NS	0.00016 X	0.0016 QI
1,2,3,4,7,8-HxCDF		0.00017 [0.00013]	0.000048	NS	0.000017	0.00016
1,2,3,6,7,8-HxCDF		0.00010 [0.000078]	0.000030	NS	0.0000094	0.000087
1,2,3,7,8,9-HxCDF		0.000017 [0.000015]	0.0000065	NS	ND(0.0000014) X	0.000019
2,3,4,6,7,8-HxCDF		0.000097 [0.000074]	0.000032	NS	0.0000088	0.000093
HxCDFs (total)		0.0013 [0.0010]	0.00036	NS	0.00013	0.0012
1,2,3,4,6,7,8-HpCDF		0.00019 [0.00015]	0.000037	NS	0.000022	0.00019
1,2,3,4,7,8,9-HpCDF		0.000025 [0.000020]	0.0000058	NS	0.0000023 J	0.000026
HpCDFs (total)		0.00033 [0.00026]	0.000072	NS	0.000042	0.00040
OCDF		0.00014 [0.00012]	0.000021	NS	0.000011	0.00018
Dioxins						
2,3,7,8-TCDD		0.0000034 [0.0000028]	0.00000081 J	NS	ND(0.00000036) X	0.0000027
TCDDs (total)		0.000078 [0.000062]	0.0000080	NS	0.0000016	0.000042
1,2,3,7,8-PeCDD		ND(0.0000069) X [0.0000053]	ND(0.0000018) X	NS	ND(0.00000073) X	ND(0.0000087) X
PeCDDs (total)		0.000056 [0.000053]	0.0000061	NS	ND(0.0000023) X	0.000017
1,2,3,4,7,8-HxCDD		0.0000042 [0.0000032]	0.0000011 J	NS	ND(0.00000041) X	0.0000040
1,2,3,6,7,8-HxCDD		0.0000056 [0.0000044]	0.0000036	NS	ND(0.00000060) X	0.0000092
1,2,3,7,8,9-HxCDD		0.0000043 [0.0000031]	0.0000017 J	NS	0.00000069 J	0.0000048
HxCDDs (total)		0.000074 [0.000058]	0.000028	NS	0.0000047	0.000077
1,2,3,4,6,7,8-HpCDD		0.000043 [0.000033]	0.000019	NS	0.0000061	0.00013
HpCDDs (total)		0.000086 [0.000067]	0.000034	NS	0.000014	0.00024
OCDD		0.00021 [0.00015]	0.000083	NS	0.000032	0.00095
Total TEQs (WHO TEFs)		0.00021 [0.00017]	0.000061	NS	0.000016	0.00016
Inorganics						
Antimony		1.20 B [1.20 B]	0.970 B	NS	1.50 B	1.20 B
Arsenic		8.70 [9.90]	5.80	NS	4.70	7.40
Barium		48.0 [56.0]	33.0	NS	22.0	34.0
Beryllium		ND(0.500) [ND(0.500)]	ND(0.500)	NS	0.160 B	ND(0.500)
Cadmium		ND(0.500) J [0.530 J]	ND(0.500)	NS	0.510	ND(0.500)
Chromium		11.0 [14.0]	9.50 J	NS	5.10	9.60 J
Cobalt		ND(5.00) [ND(5.00)]	7.40	NS	6.40	9.00
Copper		37.0 [46.0]	23.0	NS	110	43.0
Cyanide		0.330 [0.260]	ND(0.120)	NS	ND(0.230)	0.370
Lead		52.0 [59.0]	20.0 J	NS	16.0	43.0 J
Mercury		0.460 J [0.610 J]	ND(0.120)	NS	ND(0.110)	0.270
Nickel		8.30 [12.0]	11.0	NS	12.0	17.0
Selenium		1.20 J [1.30 J]	ND(1.00) J	NS	ND(1.00)	0.600 J
Silver		ND(1.00) [ND(1.00)]	ND(1.00)	NS	ND(1.00)	ND(1.00)
Sulfide		37.0 [29.0]	20.0	NS	11.0	24.0
Thallium		ND(1.90) J [ND(1.90) J]	ND(1.20) J	NS	ND(1.10) J	ND(1.30) J
Tin		ND(10.0) [ND(10.0)]	ND(3.70)	NS	ND(10.0)	ND(4.90)
Vanadium		23.0 [29.0]	11.0	NS	10.0	22.0
Zinc		63.0 [70.0]	46.0 J	NS	45.0	100 J

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4D / RAA4-I33 / 6-15 / 06/06/02	4D / RAA4-I33 / 8-10 / 06/06/02	4D / RAA4-I34 / 0-1 / 06/06/02	4D / RAA4-I35 / 1-6 / 06/06/02	4D / RAA4-K33 / 0-1 / 06/06/02
Volatile Organics						
1,1,1,2-Tetrachloroethane		NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
1,1,1-Trichloroethane		NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
1,1,2,2-Tetrachloroethane		NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
1,1,2-Trichloroethane		NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
1,1-Dichloroethane		NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
1,1-Dichloroethene		NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
1,2,3-Trichloropropane		NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
1,2-Dibromo-3-chloropropane		NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
1,2-Dibromoethane		NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
1,2-Dichloroethane		NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
1,2-Dichloropropane		NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
1,4-Dioxane		NS	ND(0.11)	ND(0.16)	NS	ND(0.12) J
2-Butanone		NS	ND(0.011)	ND(0.016)	NS	ND(0.012)
2-Chloro-1,3-butadiene		NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
2-Chloroethylvinylether		NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
2-Hexanone		NS	ND(0.011)	ND(0.016)	NS	ND(0.012)
3-Chloropropene		NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
4-Methyl-2-pentanone		NS	ND(0.011)	ND(0.016)	NS	ND(0.012)
Acetone		NS	0.027	ND(0.032)	NS	ND(0.023)
Acetonitrile		NS	ND(0.11)	ND(0.16)	NS	ND(0.12)
Acrolein		NS	ND(0.11)	ND(0.16)	NS	ND(0.12)
Acrylonitrile		NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
Benzene		NS	ND(0.0055)	ND(0.0080)	NS	ND(0.00590)
Bromodichloromethane		NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
Bromoform		NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
Bromomethane		NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
Carbon Disulfide		NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
Carbon Tetrachloride		NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
Chlorobenzene		NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
Chloroethane		NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
Chloroform		NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
Chloromethane		NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
cis-1,3-Dichloropropene		NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
Dibromochloromethane		NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
Dibromomethane		NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
Dichlorodifluoromethane		NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
Ethyl Methacrylate		NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
Ethylbenzene		NS	ND(0.0055)	ND(0.0080)	NS	ND(0.00590)
Iodomethane		NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
Isobutanol		NS	ND(0.11)	ND(0.16)	NS	ND(0.12)
Methacrylonitrile		NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
Methyl Methacrylate		NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
Methylene Chloride		NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
Propionitrile		NS	ND(0.011)	ND(0.016)	NS	ND(0.012)
Styrene		NS	ND(0.0055)	ND(0.0080)	NS	ND(0.00590)
Tetrachloroethene		NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
Toluene		NS	ND(0.0055)	ND(0.0080)	NS	ND(0.00590)
trans-1,2-Dichloroethene		NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
trans-1,3-Dichloropropene		NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
trans-1,4-Dichloro-2-butene		NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
Trichloroethene		NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
Trichlorofluoromethane		NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
Vinyl Acetate		NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
Vinyl Chloride		NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
Xylenes (total)		NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4D RAA4-I33 6-15 06/06/02	4D RAA4-I33 8-10 06/06/02	4D RAA4-I34 0-1 06/06/02	4D RAA4-I35 1-6 06/06/02	4D RAA4-K33 0-1 06/06/02
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
1,2,4-Trichlorobenzene		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
1,2-Dichlorobenzene		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
1,2-Diphenylhydrazine		ND(0.44)	NS	ND(2.7)	NS	ND(0.43)
1,3,5-Trinitrobenzene		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
1,3-Dichlorobenzene		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
1,3-Dinitrobenzene		ND(0.740)	NS	ND(2.70)	NS	ND(0.790)
1,4-Dichlorobenzene		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
1,4-Naphthoquinone		ND(0.740)	NS	ND(2.70)	NS	ND(0.790)
1-Naphthylamine		ND(0.740)	NS	ND(2.70)	NS	ND(0.790)
2,3,4,6-Tetrachlorophenol		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
2,4,5-Trichlorophenol		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
2,4,6-Trichlorophenol		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
2,4-Dichlorophenol		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
2,4-Dimethylphenol		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
2,4-Dinitrophenol		ND(2.20)	NS	ND(14.0)	NS	ND(2.20)
2,4-Dinitrotoluene		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
2,6-Dichlorophenol		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
2,6-Dinitrotoluene		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
2-Acetylaminofluorene		ND(0.740)	NS	ND(2.70)	NS	ND(0.790)
2-Chloronaphthalene		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
2-Chlorophenol		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
2-Methylnaphthalene		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
2-Methylphenol		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
2-Naphthylamine		ND(0.740)	NS	ND(2.70)	NS	ND(0.790)
2-Nitroaniline		ND(2.20)	NS	ND(14.0)	NS	ND(2.20)
2-Nitrophenol		ND(0.740)	NS	ND(2.70)	NS	ND(0.790)
2-Picoline		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
3&4-Methylphenol		ND(0.740)	NS	ND(2.70)	NS	ND(0.790)
3,3'-Dichlorobenzidine		ND(0.88) J	NS	ND(5.5) J	NS	ND(0.86) J
3,3'-Dimethylbenzidine		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
3-Methylcholanthrene		ND(0.740)	NS	ND(2.70)	NS	ND(0.790)
3-Nitroaniline		ND(2.20)	NS	ND(14.0)	NS	ND(2.20)
4,6-Dinitro-2-methylphenol		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
4-Aminobiphenyl		ND(0.740)	NS	ND(2.70)	NS	ND(0.790)
4-Bromophenyl-phenylether		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
4-Chloro-3-Methylphenol		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
4-Chloroaniline		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
4-Chlorobenzilate		ND(0.740)	NS	ND(2.70)	NS	ND(0.790)
4-Chlorophenyl-phenylether		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
4-Nitroaniline		ND(1.90)	NS	ND(2.70)	NS	ND(2.00)
4-Nitrophenol		ND(2.20)	NS	ND(14.0)	NS	ND(2.20)
4-Nitroquinoline-1-oxide		ND(0.740)	NS	ND(2.70)	NS	ND(0.790)
4-Phenylenediamine		ND(0.740)	NS	ND(2.70)	NS	ND(0.790)
5-Nitro-o-toluidine		ND(0.740)	NS	ND(2.70)	NS	ND(0.790)
7,12-Dimethylbenz(a)anthracene		ND(0.740)	NS	ND(2.70)	NS	ND(0.790)
a,a'-Dimethylphenethylamine		ND(0.740)	NS	ND(2.70)	NS	ND(0.790)
Acenaphthene		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Acenaphthylene		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Acetophenone		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Aniline		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Anthracene		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Aramite		ND(0.740)	NS	ND(2.70)	NS	ND(0.790)
Benzidine		ND(0.88)	NS	ND(5.5)	NS	ND(0.86)
Benzo(a)anthracene		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Benzo(a)pyrene		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Benzo(b)fluoranthene		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Benzo(g,h,i)perylene		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Benzo(k)fluoranthene		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Benzyl Alcohol		ND(0.880)	NS	ND(5.50)	NS	ND(0.860)
bis(2-Chloroethoxy)methane		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
bis(2-Chloroethyl)ether		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
bis(2-Chloroisopropyl)ether		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4D RAA4-I33 6-15 06/06/02	4D RAA4-I33 8-10 06/06/02	4D RAA4-I34 0-1 06/06/02	4D RAA4-I35 1-6 06/06/02	4D RAA4-K33 0-1 06/06/02
Semivolatile Organics (continued)						
bis(2-Ethylhexyl)phthalate		ND(0.360)	NS	ND(1.40)	NS	ND(0.390)
Butylbenzylphthalate		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Chrysene		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Diallate		ND(0.740)	NS	ND(2.70)	NS	ND(0.790)
Dibenzo(a,h)anthracene		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Dibenzofuran		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Diethylphthalate		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Dimethylphthalate		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Di-n-Butylphthalate		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Di-n-Octylphthalate		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Diphenylamine		ND(0.44)	NS	ND(2.7)	NS	ND(0.43)
Ethyl Methanesulfonate		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Fluoranthene		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Fluorene		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Hexachlorobenzene		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Hexachlorobutadiene		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Hexachlorocyclopentadiene		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Hexachloroethane		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Hexachlorophene		ND(0.88)	NS	ND(5.5)	NS	ND(0.86)
Hexachloropropene		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Indeno(1,2,3-cd)pyrene		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Isodrin		ND(0.44)	NS	ND(2.7)	NS	ND(0.43)
Isophorone		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Isosafrole		ND(0.740)	NS	ND(2.70)	NS	ND(0.790)
Methapyrilene		ND(0.740)	NS	ND(2.70)	NS	ND(0.790)
Methyl Methanesulfonate		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Naphthalene		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Nitrobenzene		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
N-Nitrosodiethylamine		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
N-Nitrosodimethylamine		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
N-Nitroso-di-n-butylamine		ND(0.740)	NS	ND(2.70)	NS	ND(0.790)
N-Nitroso-di-n-propylamine		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
N-Nitrosodiphenylamine		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
N-Nitrosomethylethylamine		ND(0.740)	NS	ND(2.70)	NS	ND(0.790)
N-Nitrosomorpholine		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
N-Nitrosopiperidine		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
N-Nitrosopyrrolidine		ND(0.740)	NS	ND(2.70)	NS	ND(0.790)
o,o,o-Triethylphosphorothioate		ND(0.44)	NS	ND(2.7)	NS	ND(0.43)
o-Toluidine		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
p-Dimethylaminoazobenzene		ND(0.740)	NS	ND(2.70)	NS	ND(0.790)
Pentachlorobenzene		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Pentachloroethane		ND(0.44)	NS	ND(2.7)	NS	ND(0.43)
Pentachloronitrobenzene		ND(0.740)	NS	ND(2.70)	NS	ND(0.790)
Pentachlorophenol		ND(2.20)	NS	ND(14.0)	NS	ND(2.20)
Phenacetin		ND(0.740)	NS	ND(2.70)	NS	ND(0.790)
Phenanthrene		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Phenol		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Pronamide		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Pyrene		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Pyridine		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Safrole		ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Thionazin		ND(0.44)	NS	ND(2.7)	NS	ND(0.43)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4D RAA4-I33 6-15 06/06/02	4D RAA4-I33 8-10 06/06/02	4D RAA4-I34 0-1 06/06/02	4D RAA4-I35 1-6 06/06/02	4D RAA4-K33 0-1 06/06/02
Furans						
2,3,7,8-TCDF		0.00000014 J	NS	0.000047 Y	ND(0.00000041) X	0.000011 Y
TCDFs (total)		0.00000014	NS	0.00032	0.0000011	0.000086
1,2,3,7,8-PeCDF		ND(0.000000062) X	NS	0.000025	ND(0.00000021) X	0.0000044
2,3,4,7,8-PeCDF		ND(0.000000080)	NS	0.000024	ND(0.00000023) X	0.0000041
PeCDFs (total)		ND(0.000000080)	NS	0.00026 !	0.0000012	0.000049
1,2,3,4,7,8-HxCDF		ND(0.00000028)	NS	0.000022	ND(0.00000024) X	0.0000041
1,2,3,6,7,8-HxCDF		ND(0.000000058) X	NS	0.000013	ND(0.00000017) X	0.0000024 J
1,2,3,7,8,9-HxCDF		ND(0.00000028)	NS	0.0000021 J	ND(0.00000028)	0.00000053 J
2,3,4,6,7,8-HxCDF		ND(0.00000028)	NS	0.000015	0.00000019 J	0.0000020 J
HxCDFs (total)		ND(0.00000021)	NS	0.00019	0.00000097	0.000030
1,2,3,4,6,7,8-HpCDF		0.00000011 J	NS	0.000022	0.00000062 J	0.0000052
1,2,3,4,7,8,9-HpCDF		ND(0.00000028)	NS	0.0000032	ND(0.000000099) X	0.00000074 J
HpCDFs (total)		0.00000011	NS	0.000044	0.00000069	0.0000086
OCDF		0.00000018 J	NS	0.000016	ND(0.00000066) X	0.0000044 J
Dioxins						
2,3,7,8-TCDD		ND(0.00000011)	NS	0.00000042 J	ND(0.00000013)	ND(0.00000019) X
TCDDs (total)		ND(0.00000017)	NS	0.0000046	ND(0.00000013)	0.0000016
1,2,3,7,8-PeCDD		ND(0.00000028)	NS	ND(0.0000022) X	ND(0.00000028)	ND(0.00000027) X
PeCDDs (total)		ND(0.00000028)	NS	0.0000046	ND(0.00000040)	0.0000011
1,2,3,4,7,8-HxCDD		ND(0.00000028)	NS	0.00000055 J	ND(0.00000028)	ND(0.00000028)
1,2,3,6,7,8-HxCDD		ND(0.00000028)	NS	0.00000073 J	ND(0.00000028)	0.00000020 J
1,2,3,7,8,9-HxCDD		ND(0.00000028)	NS	0.00000054 J	ND(0.00000028)	ND(0.00000028)
HxCDDs (total)		ND(0.00000030)	NS	0.0000052	ND(0.00000055)	0.0000014
1,2,3,4,6,7,8-HpCDD		ND(0.00000035) X	NS	0.0000063	ND(0.00000089) X	0.0000019 J
HpCDDs (total)		0.00000023	NS	0.000014	0.00000051	0.0000035
OCDD		ND(0.0000026)	NS	0.000036	ND(0.0000037)	0.000012
Total TEQs (WHO TEFs)		0.00000032	NS	0.000025	0.00000040	0.0000046
Inorganics						
Antimony		ND(6.00)	NS	1.90 B	NS	ND(6.00)
Arsenic		3.50	NS	6.70	NS	5.00
Barium		ND(20.0)	NS	30.0	NS	28.0
Beryllium		ND(0.500)	NS	0.160 B	NS	ND(0.500)
Cadmium		ND(0.500)	NS	ND(0.500)	NS	0.0970 B
Chromium		6.40 J	NS	6.40 J	NS	8.70 J
Cobalt		8.00	NS	8.00	NS	9.00
Copper		15.0	NS	23.0	NS	19.0
Cyanide		ND(0.110)	NS	0.520	NS	ND(0.120)
Lead		6.20 J	NS	16.0 J	NS	12.0 J
Mercury		ND(0.110)	NS	0.200	NS	ND(0.120)
Nickel		12.0	NS	12.0	NS	14.0
Selenium		ND(1.00) J	NS	ND(1.20) J	NS	ND(1.00) J
Silver		ND(1.00)	NS	ND(1.20)	NS	ND(1.00)
Sulfide		10.0	NS	15.0	NS	21.0
Thallium		ND(1.10) J	NS	ND(1.60) J	NS	ND(1.20) J
Tin		ND(3.30)	NS	ND(4.90)	NS	ND(4.30)
Vanadium		6.20	NS	11.0	NS	10.0
Zinc		36.0 J	NS	100 J	NS	51.0 J

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Averaging Area:	4E	4E	4E	4E
Sample ID:	RAA4-I30	RAA4-J28	RAA4-J30	RAA4-K27
Sample Depth(Feet):	0-1	0-1	0-1	1-3
Parameter / Date Collected:	06/25/02	06/25/02	06/25/02	06/17/02
Volatile Organics				
1,1,1,2-Tetrachloroethane	ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058) J
1,1,1-Trichloroethane	ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058)
1,1,2,2-Tetrachloroethane	ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058) J
1,1,2-Trichloroethane	ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058) J
1,1-Dichloroethane	ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058)
1,1-Dichloroethene	ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058)
1,2,3-Trichloropropane	ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058) J
1,2-Dibromo-3-chloropropane	ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058) J
1,2-Dibromoethane	ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058) J
1,2-Dichloroethane	ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058)
1,2-Dichloropropane	ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058)
1,4-Dioxane	ND(0.12) J	ND(0.11) J	ND(0.11) J	ND(0.12) J
2-Butanone	ND(0.012)	ND(0.011)	ND(0.011)	ND(0.012)
2-Chloro-1,3-butadiene	ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058)
2-Chloroethylvinylether	ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058)
2-Hexanone	ND(0.012)	ND(0.011)	ND(0.011)	ND(0.012) J
3-Chloropropene	ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058)
4-Methyl-2-pentanone	ND(0.012)	ND(0.011)	ND(0.011)	ND(0.012)
Acetone	ND(0.023)	ND(0.022)	ND(0.023)	0.038 J
Acetonitrile	ND(0.12)	ND(0.11)	ND(0.11)	ND(0.12)
Acrolein	ND(0.12) J	ND(0.11) J	ND(0.11) J	ND(0.12)
Acrylonitrile	ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058)
Benzene	ND(0.00590)	ND(0.00540)	ND(0.00560)	0.011 J
Bromodichloromethane	ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058)
Bromoform	ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058) J
Bromomethane	ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058)
Carbon Disulfide	ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058)
Carbon Tetrachloride	ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058)
Chlorobenzene	ND(0.0059)	ND(0.0054)	ND(0.0056)	22 J
Chloroethane	ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058)
Chloroform	ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058)
Chloromethane	ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058)
cis-1,3-Dichloropropene	ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058)
Dibromochloromethane	ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058) J
Dibromomethane	ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058)
Dichlorodifluoromethane	ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058)
Ethyl Methacrylate	ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058) J
Ethylbenzene	ND(0.00590)	ND(0.00540)	ND(0.00560)	0.0095 J
Iodomethane	ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058)
Isobutanol	ND(0.12) J	ND(0.11) J	ND(0.11) J	ND(0.12) J
Methacrylonitrile	ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058)
Methyl Methacrylate	ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058)
Methylene Chloride	ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058)
Propionitrile	ND(0.012)	ND(0.011)	ND(0.011)	ND(0.012)
Styrene	ND(0.00590)	ND(0.00540)	ND(0.00560)	ND(0.0058) J
Tetrachloroethene	ND(0.0059)	ND(0.0054)	ND(0.0056)	0.081 J
Toluene	ND(0.00590)	ND(0.00540)	ND(0.00560)	0.010 J
trans-1,2-Dichloroethene	ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058)
trans-1,3-Dichloropropene	ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058) J
trans-1,4-Dichloro-2-butene	ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058) J
Trichloroethene	ND(0.0059)	ND(0.0054)	ND(0.0056)	0.010 J
Trichlorofluoromethane	ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058)
Vinyl Acetate	ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058)
Vinyl Chloride	ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058)
Xylenes (total)	ND(0.0059)	ND(0.0054)	ND(0.0056)	0.040 J

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Averaging Area:	4E	4E	4E	4E
Sample ID:	RAA4-I30	RAA4-J28	RAA4-J30	RAA4-K27
Sample Depth(Feet):	0-1	0-1	0-1	1-3
Date Collected:	06/25/02	06/25/02	06/25/02	06/17/02
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(0.390)	ND(0.360)	ND(0.370)	R
1,2,4-Trichlorobenzene	ND(0.390)	0.180 J	ND(0.370)	0.12 J
1,2-Dichlorobenzene	ND(0.390)	ND(0.360)	ND(0.370)	0.10 J
1,2-Diphenylhydrazine	ND(0.39)	ND(0.36)	ND(0.37)	R
1,3,5-Trinitrobenzene	ND(0.390)	ND(0.360)	ND(0.370)	R
1,3-Dichlorobenzene	ND(0.390)	0.260 J	ND(0.370)	0.14 J
1,3-Dinitrobenzene	ND(0.790)	ND(0.720)	ND(0.760)	R
1,4-Dichlorobenzene	ND(0.390)	0.680	ND(0.370)	0.36 J
1,4-Naphthoquinone	ND(0.790)	ND(0.720)	ND(0.760)	R
1-Naphthylamine	ND(0.790)	ND(0.720)	ND(0.760)	R
2,3,4,6-Tetrachlorophenol	ND(0.390)	ND(0.360)	ND(0.370)	R
2,4,5-Trichlorophenol	ND(0.390)	ND(0.360)	ND(0.370)	R
2,4,6-Trichlorophenol	ND(0.390)	ND(0.360)	ND(0.370)	R
2,4-Dichlorophenol	ND(0.390)	ND(0.360)	ND(0.370)	R
2,4-Dimethylphenol	ND(0.390)	ND(0.360)	ND(0.370)	R
2,4-Dinitrophenol	ND(2.0) J	ND(1.8) J	ND(1.9) J	R
2,4-Dinitrotoluene	ND(0.390)	ND(0.360)	ND(0.370)	R
2,6-Dichlorophenol	ND(0.390)	ND(0.360)	ND(0.370)	R
2,6-Dinitrotoluene	ND(0.390)	ND(0.360)	ND(0.370)	R
2-Acetylaminofluorene	ND(0.790)	ND(0.720)	ND(0.760)	R
2-Chloronaphthalene	ND(0.390)	ND(0.360)	ND(0.370)	R
2-Chlorophenol	ND(0.390)	ND(0.360)	ND(0.370)	R
2-Methylnaphthalene	ND(0.390)	ND(0.360)	ND(0.370)	R
2-Methylphenol	ND(0.390)	0.160 J	ND(0.370)	R
2-Naphthylamine	ND(0.790)	ND(0.720)	ND(0.760)	R
2-Nitroaniline	ND(2.00)	ND(1.80)	ND(1.90)	R
2-Nitrophenol	ND(0.790)	ND(0.720)	ND(0.760)	R
2-Picoline	ND(0.390)	ND(0.360)	ND(0.370)	R
3&4-Methylphenol	ND(0.790)	ND(0.720)	ND(0.760)	R
3,3'-Dichlorobenzidine	ND(0.790)	ND(0.720)	ND(0.760)	R
3,3'-Dimethylbenzidine	ND(0.390)	ND(0.360)	ND(0.370)	R
3-Methylcholanthrene	ND(0.790)	ND(0.720)	ND(0.760)	R
3-Nitroaniline	ND(2.00)	ND(1.80)	ND(1.90)	R
4,6-Dinitro-2-methylphenol	ND(0.390)	ND(0.360)	ND(0.370)	R
4-Aminobiphenyl	ND(0.790)	ND(0.720)	ND(0.760)	R
4-Bromophenyl-phenylether	ND(0.390)	ND(0.360)	ND(0.370)	R
4-Chloro-3-Methylphenol	ND(0.390)	ND(0.360)	ND(0.370)	R
4-Chloroaniline	ND(0.390)	ND(0.360)	ND(0.370)	R
4-Chlorobenzilate	ND(0.790)	ND(0.720)	ND(0.760)	R
4-Chlorophenyl-phenylether	ND(0.390)	ND(0.360)	ND(0.370)	ND(0.380)
4-Nitroaniline	ND(2.00)	ND(1.80)	ND(1.90)	R
4-Nitrophenol	ND(2.00)	ND(1.80)	ND(1.90)	R
4-Nitroquinoline-1-oxide	ND(0.790)	ND(0.720)	ND(0.760)	R
4-Phenylenediamine	ND(0.79) J	ND(0.72) J	ND(0.76) J	R
5-Nitro-o-toluidine	ND(0.790)	ND(0.720)	ND(0.760)	R
7,12-Dimethylbenz(a)anthracene	ND(0.790)	ND(0.720)	ND(0.760)	R
a,a'-Dimethylphenethylamine	ND(0.790)	ND(0.720)	ND(0.760)	R
Acenaphthene	ND(0.390)	ND(0.360)	ND(0.370)	R
Acenaphthylene	ND(0.390)	ND(0.360)	ND(0.370)	R
Acetophenone	ND(0.390)	ND(0.360)	ND(0.370)	R
Aniline	ND(0.390)	3.40	ND(0.370)	0.64 J
Anthracene	ND(0.390)	ND(0.360)	ND(0.370)	R
Aramite	ND(0.790)	ND(0.720)	ND(0.760)	R
Benzidine	ND(0.79)	ND(0.72)	ND(0.76)	R
Benzo(a)anthracene	0.450	0.150 J	ND(0.370)	R
Benzo(a)pyrene	0.570	0.180 J	ND(0.370)	R
Benzo(b)fluoranthene	0.490	0.200 J	ND(0.370)	0.088 J
Benzo(g,h,i)perylene	0.410	0.180 J	ND(0.370)	0.098 J
Benzo(k)fluoranthene	0.480	0.180 J	ND(0.370)	0.077 J
Benzyl Alcohol	ND(0.79) J	ND(0.72) J	ND(0.76) J	R
bis(2-Chloroethoxy)metnane	ND(0.390)	ND(0.360)	ND(0.370)	R
bis(2-Chloroethyl)etner	ND(0.390)	ND(0.360)	ND(0.370)	R
bis(2-Chloroisopropyl)ether	ND(0.39) J	ND(0.36) J	ND(0.37) J	R

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Averaging Area:	4E	4E	4E	4E
Sample ID:	RAA4-J30	RAA4-J28	RAA4-J30	RAA4-K27
Sample Depth(Feet):	0-1	0-1	0-1	1-3
Date Collected:	06/25/02	06/25/02	06/25/02	06/17/02
Semivolatile Organics (continued)				
bis(2-Ethylhexyl)phthalate	ND(0.390)	0.530	ND(0.370)	0.35 J
Butylbenzylphthalate	ND(0.390)	ND(0.360)	ND(0.370)	R
Chrysene	0.500	0.200 J	ND(0.370)	R
Diallate	ND(0.790)	ND(0.720)	ND(0.760)	R
Dibenzo(a,h)anthracene	ND(0.390)	ND(0.360)	ND(0.370)	R
Dibenzofuran	ND(0.390)	ND(0.360)	ND(0.370)	R
Diethylphthalate	ND(0.390)	ND(0.360)	ND(0.370)	R
Dimethylphthalate	0.520	ND(0.360)	ND(0.370)	R
Di-n-Butylphthalate	ND(0.390)	0.520	ND(0.370)	R
Di-n-Octylphthalate	ND(0.390)	ND(0.360)	ND(0.370)	R
Diphenylamine	ND(0.39)	ND(0.36)	ND(0.37)	R
Ethyl Methanesulfonate	ND(0.390)	ND(0.360)	ND(0.370)	R
Fluoranthene	1.00	0.360	ND(0.370)	0.094 J
Fluorene	ND(0.390)	ND(0.360)	ND(0.370)	R
Hexachlorobenzene	ND(0.390)	ND(0.360)	ND(0.370)	R
Hexachlorobutadiene	ND(0.390)	ND(0.360)	ND(0.370)	R
Hexachlorocyclopentadiene	ND(0.390)	ND(0.360)	ND(0.370)	R
Hexachloroethane	ND(0.390)	ND(0.360)	ND(0.370)	R
Hexachlorophene	ND(0.79)	ND(0.72)	ND(0.76)	R
Hexachloropropene	ND(0.390)	ND(0.360)	ND(0.370)	R
Indeno(1,2,3-cd)pyrene	0.330 J	0.100 J	ND(0.370)	R
Isodrin	ND(0.39)	ND(0.36)	ND(0.37)	R
Isophorone	ND(0.390)	ND(0.360)	ND(0.370)	R
Isosafrole	ND(0.790)	ND(0.720)	ND(0.760)	R
Methapyrilene	ND(0.790)	ND(0.720)	ND(0.760)	R
Methyl Methanesulfonate	ND(0.390)	ND(0.360)	ND(0.370)	R
Naphthalene	ND(0.390)	ND(0.360)	ND(0.370)	R
Nitrobenzene	ND(0.390)	ND(0.360)	ND(0.370)	R
N-Nitrosodiethylamine	ND(0.390)	ND(0.360)	ND(0.370)	R
N-Nitrosodimethylamine	ND(0.390)	ND(0.360)	ND(0.370)	R
N-Nitroso-di-n-butylamine	ND(0.790)	ND(0.720)	ND(0.760)	R
N-Nitroso-di-n-propylamine	ND(0.39) J	ND(0.36) J	ND(0.37) J	R
N-Nitrosodiphenylamine	ND(0.390)	ND(0.360)	ND(0.370)	R
N-Nitrosomethylethylamine	ND(0.790)	ND(0.720)	ND(0.760)	R
N-Nitrosomorpholine	ND(0.390)	ND(0.360)	ND(0.370)	R
N-Nitrosopiperidine	ND(0.390)	ND(0.360)	ND(0.370)	R
N-Nitrosopyrrolidine	ND(0.790)	ND(0.720)	ND(0.760)	R
o,o,o-Triethylphosphorothioate	ND(0.39)	ND(0.36)	ND(0.37)	R
o-Toluidine	ND(0.390)	ND(0.360)	ND(0.370)	R
p-Dimethylaminoazobenzene	ND(0.790)	ND(0.720)	ND(0.760)	R
Pentachlorobenzene	ND(0.390)	0.100 J	ND(0.370)	R
Pentachloroethane	ND(0.39)	ND(0.36)	ND(0.37)	R
Pentachloronitrobenzene	ND(0.790)	ND(0.720)	ND(0.760)	R
Pentachlorophenol	ND(2.00)	ND(1.80)	ND(1.90)	R
Phenacetin	ND(0.790)	ND(0.720)	ND(0.760)	R
Phenanthrene	0.330 J	0.270 J	ND(0.370)	R
Phenol	ND(0.390)	1.60	ND(0.370)	0.70 J
Pronamide	ND(0.390)	ND(0.360)	ND(0.370)	R
Pyrene	0.860	0.450	ND(0.370)	0.21 J
Pyridine	ND(0.390)	ND(0.360)	ND(0.370)	R
Safrole	ND(0.390)	ND(0.360)	ND(0.370)	R
Thionazin	ND(0.39)	ND(0.36)	ND(0.37)	R

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4E / RAA4-I30 / 0-1 / 06/25/02	4E / RAA4-J28 / 0-1 / 06/25/02	4E / RAA4-J30 / 0-1 / 06/25/02	4E / RAA4-K27 / 1-3 / 06/17/02
Furans					
2,3,7,8-TCDF		0.014 YEJ	0.000048 Y	0.000077 Y	0.00023 Y
TCDFs (total)		0.070 I	0.00043	0.00044	0.0014 QI
1,2,3,7,8-PeCDF		0.010 EJ	0.000024	0.000057	0.00011
2,3,4,7,8-PeCDF		0.0073 EJ	0.000041	0.000059	0.00028 Q
PeCDFs (total)		0.068 I	0.00044 Q	0.00046 I	0.0024 QI
1,2,3,4,7,8-HxCDF		0.0064 EJ	0.000088	0.000039	0.00089
1,2,3,6,7,8-HxCDF		0.0039	0.000040	0.000024	0.00015
1,2,3,7,8,9-HxCDF		0.00089	0.0000089	0.0000055	0.000093
2,3,4,6,7,8-HxCDF		0.0028	0.000026	0.000020	0.00025
HxCDFs (total)		0.033	0.00046	0.00022	0.0040
1,2,3,4,6,7,8-HpCDF		0.0024	0.000089	0.000019	0.00086
1,2,3,4,7,8,9-HpCDF		0.00065	0.000022	0.0000040	0.00043
HpCDFs (total)		0.0048	0.00018	0.000034	0.0032
OCDF		0.0010	0.00022	0.0000092	0.0051 EJ
Dioxins					
2,3,7,8-TCDD		0.00017	0.00000042 J	0.00000062 J	0.0000024 Q
TCDDs (total)		0.00089 Q	0.0000099	0.0000061	0.000043 Q
1,2,3,7,8-PeCDD		0.00031	ND(0.0000010) X	0.0000012 J	ND(0.000026) X
PeCDDs (total)		0.0012 Q	0.0000034 Q	0.0000061	0.000023 Q
1,2,3,4,7,8-HxCDD		0.00014	0.0000011 J	0.00000063 J	0.0000056
1,2,3,6,7,8-HxCDD		0.000092	0.0000020 J	0.00000061 J	0.000033
1,2,3,7,8,9-HxCDD		0.000043	0.0000013 J	ND(0.00000032) X	0.000014
HxCDDs (total)		0.00076	0.000025	0.0000057	0.00041
1,2,3,4,6,7,8-HpCDD		0.000092	0.000020	0.0000018 J	0.0013 EJ
HpCDDs (total)		0.00016	0.000041	0.0000035	0.0031
OCDD		0.00016	0.00012	ND(0.0000077)	0.016 EJ
Total TEQs (WHO TEFs)		0.0075	0.000045	0.000051	0.00036
Inorganics					
Antimony		ND(6.00)	1.30 B	ND(6.00)	ND(6.00)
Arsenic		16.0	4.80	5.10	8.40
Barium		40.0	ND(20.0)	20.0	120
Beryllium		ND(0.500) J	0.140 J	ND(0.500) J	ND(0.500)
Cadmium		0.140 J	ND(0.500) J	ND(0.500) J	1.20
Chromium		11.0	21.0	7.70	26.0
Cobalt		7.90	7.10	5.80	6.80
Copper		24.0	150	14.0	360 J
Cyanide		0.0980 B	ND(0.110)	ND(0.110)	0.160 J
Lead		49.0	42.0	9.80	110
Mercury		0.120 J	12.0	ND(0.110) J	14.0
Nickel		16.0	25.0	11.0	29.0
Selenium		ND(1.00) J	ND(1.00) J	ND(1.00) J	ND(1.00) J
Silver		ND(1.00) J	0.570 J	ND(1.00) J	ND(1.00)
Sulfide		30.0	28.0	31.0	170 J
Thallium		1.10 J	1.00 J	ND(1.70) J	ND(1.70) J
Tin		ND(10.0)	ND(10.0)	ND(3.70)	28.0 J
Vanadium		14.0	9.60	8.50	42.0
Zinc		330	220	40.0	2800 J

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4E RAA4-K27 6-15 06/17/02	4E RAA4-K27 10-12 06/17/02	4E RAA4-K29 10-12 05/29/02	4E RAA4-K30 0-1 04/22/02
Volatile Organics				
1,1,1,2-Tetrachloroethane	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)
1,1,1-Trichloroethane	NS	ND(0.037) [ND(0.037)]	0.074	ND(0.0056)
1,1,2,2-Tetrachloroethane	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)
1,1,2-Trichloroethane	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)
1,1-Dichloroethane	NS	ND(0.037) [ND(0.037)]	0.040	ND(0.0056)
1,1-Dichloroethene	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)
1,2,3-Trichloropropane	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)
1,2-Dibromo-3-chloropropane	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)
1,2-Dibromoethane	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)
1,2-Dichloroethane	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)
1,2-Dichloropropane	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)
1,4-Dioxane	NS	ND(0.37) J [ND(0.37) J]	ND(0.32) J	ND(0.11) J
2-Butanone	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.011)
2-Chloro-1,3-butadiene	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)
2-Chloroethylvinylether	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)
2-Hexanone	NS	ND(0.074) [ND(0.074)]	ND(0.063)	ND(0.011)
3-Chloropropene	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)
4-Methyl-2-pentanone	NS	ND(0.074) [ND(0.074)]	ND(0.063)	ND(0.011)
Acetone	NS	0.097 [ND(0.074)]	0.044 J	ND(0.022)
Acetonitrile	NS	ND(0.74) [ND(0.74)]	ND(0.63) J	ND(0.11) J
Acrolein	NS	ND(0.74) J [ND(0.74) J]	ND(0.63) J	ND(0.11) J
Acrylonitrile	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)
Benzene	NS	0.14 J [0.074 J]	0.0400	ND(0.00560)
Bromodichloromethane	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)
Bromoform	NS	ND(0.037) [ND(0.037)]	ND(0.032) J	ND(0.0056)
Bromomethane	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)
Carbon Disulfide	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)
Carbon Tetrachloride	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)
Chlorobenzene	NS	33 [29]	13	ND(0.0056)
Chloroethane	NS	ND(0.037) [ND(0.037)]	ND(0.032) J	ND(0.0056)
Chloroform	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)
Chloromethane	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)
cis-1,3-Dichloropropene	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)
Dibromochloromethane	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)
Dibromomethane	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)
Dichlorodifluoromethane	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)
Ethyl Methacrylate	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)
Ethylbenzene	NS	0.44 J [0.25 J]	0.0400	ND(0.00560)
Iodomethane	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)
Isobutanol	NS	ND(0.74) J [ND(0.74) J]	ND(0.63)	ND(0.11) J
Methacrylonitrile	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)
Methyl Methacrylate	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)
Methylene Chloride	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)
Propionitrile	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.011)
Styrene	NS	ND(0.0370) [ND(0.0370)]	ND(0.0320)	ND(0.00560)
Tetrachloroethene	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)
Toluene	NS	ND(0.0370) [ND(0.0370)]	ND(0.0320)	ND(0.00560)
trans-1,2-Dichloroethene	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)
trans-1,3-Dichloropropene	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)
trans-1,4-Dichloro-2-butene	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)
Trichloroethene	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)
Trichlorofluoromethane	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)
Vinyl Acetate	NS	ND(0.037) [ND(0.037)]	ND(0.032) J	ND(0.0056)
Vinyl Chloride	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)
Xylenes (total)	NS	ND(0.037) [ND(0.037)]	0.10	ND(0.0055)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4E RAA4-K27 6-15 06/17/02	4E RAA4-K27 10-12 06/17/02	4E RAA4-K29 10-12 05/29/02	4E RAA4-K30 0-1 04/22/02
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		ND(0.490) [ND(0.490)]	NS	21.0	ND(0.370)
1,2,4-Trichlorobenzene		ND(0.490) [ND(0.490)]	NS	160	ND(0.370)
1,2-Dichlorobenzene		0.230 J [ND(0.490)]	NS	6.90	ND(0.370)
1,2-Diphenylhydrazine		ND(0.49) [ND(0.49)]	NS	ND(5.0)	ND(0.37)
1,3,5-Trinitrobenzene		ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
1,3-Dichlorobenzene		0.36 J [0.11 J]	NS	18.0	ND(0.370)
1,3-Dinitrobenzene		ND(0.990) [ND(0.990)]	NS	ND(5.00)	ND(0.740)
1,4-Dichlorobenzene		0.93 J [0.12 J]	NS	340	ND(0.370)
1,4-Naphthoquinone		ND(0.990) [ND(0.990)]	NS	ND(5.00)	ND(0.740)
1-Naphthylamine		ND(0.990) [ND(0.990)]	NS	ND(5.00)	ND(0.740)
2,3,4,6-Tetrachlorophenol		ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
2,4,5-Trichlorophenol		ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
2,4,6-Trichlorophenol		ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
2,4-Dichlorophenol		ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
2,4-Dimethylphenol		ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
2,4-Dinitrophenol		ND(2.50) [ND(2.50)]	NS	ND(25.0)	ND(1.90)
2,4-Dinitrotoluene		ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
2,6-Dichlorophenol		ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
2,6-Dinitrotoluene		ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
2-Acetylaminofluorene		ND(0.990) [ND(0.990)]	NS	ND(5.00)	ND(0.740)
2-Chloronaphthalene		ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
2-Chlorophenol		2.10 [ND(0.490)]	NS	ND(5.00)	ND(0.370)
2-Methylnaphthalene		3.50 [ND(0.490)]	NS	ND(5.00)	ND(0.370)
2-Methylphenol		ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
2-Naphthylamine		ND(0.990) [ND(0.990)]	NS	ND(5.00)	ND(0.740)
2-Nitroaniline		ND(2.50) [ND(2.50)]	NS	ND(25) J	ND(1.90)
2-Nitrophenol		ND(0.990) [ND(0.990)]	NS	ND(5.00)	ND(0.740)
2-Picoline		ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
3&4-Methylphenol		ND(0.990) [ND(0.990)]	NS	ND(5.00)	ND(0.740)
3,3'-Dichlorobenzidine		ND(0.990) [ND(0.990)]	NS	ND(10.0)	ND(0.740)
3,3'-Dimethylbenzidine		ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
3-Methylcholanthrene		ND(0.990) [ND(0.990)]	NS	ND(5.00)	ND(0.740)
3-Nitroaniline		ND(2.50) [ND(2.50)]	NS	ND(25.0)	ND(1.90)
4,6-Dinitro-2-methylphenol		ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
4-Aminobiphenyl		ND(0.990) [ND(0.990)]	NS	ND(5.00)	ND(0.740)
4-Bromophenyl-phenylether		ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
4-Chloro-3-Methylphenol		ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
4-Chloroaniline		ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
4-Chlorobenzilate		ND(0.990) [ND(0.990)]	NS	ND(5.00)	ND(0.740)
4-Chlorophenyl-phenylether		ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
4-Nitroaniline		ND(2.50) [ND(2.50)]	NS	ND(5.00)	ND(1.90)
4-Nitrophenol		ND(2.50) [ND(2.50)]	NS	ND(25.0)	ND(1.90)
4-Nitroquinoline-1-oxide		ND(0.990) [ND(0.990)]	NS	ND(5.00)	ND(0.740)
4-Phenylenediamine		ND(0.99) J [ND(0.99) J]	NS	ND(5.0) J	ND(0.74) J
5-Nitro-o-toluidine		ND(0.990) [ND(0.990)]	NS	ND(5.00)	ND(0.740)
7,12-Dimethylbenz(a)anthracene		ND(0.990) [ND(0.990)]	NS	ND(5.00)	ND(0.740)
a,a'-Dimethylphenethylamine		ND(0.990) [ND(0.990)]	NS	ND(5.00)	ND(0.740)
Acenaphthene		ND(0.490) [ND(0.490)]	NS	3.70 J	ND(0.370)
Acenaphthylene		ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
Acetophenone		ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
Aniline		ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
Anthracene		ND(0.490) [ND(0.490)]	NS	ND(5.00)	0.240 J
Aramite		ND(0.990) [ND(0.990)]	NS	ND(5.00)	ND(0.740)
Benzidine		ND(0.99) J [ND(0.99) J]	NS	ND(10)	ND(0.74)
Benzo(a)anthracene		ND(0.490) [ND(0.490)]	NS	ND(5.00)	1.30
Benzo(a)pyrene		0.580 [ND(0.490)]	NS	ND(5.00)	0.970
Benzo(b)fluoranthene		ND(0.490) [ND(0.490)]	NS	ND(5.00)	1.00
Benzo(g,h,i)perylene		ND(0.490) [ND(0.490)]	NS	ND(5.00)	0.730
Benzo(k)fluoranthene		ND(0.490) [ND(0.490)]	NS	ND(5.00)	0.860
Benzyl Alcohol		ND(0.990) [ND(0.990)]	NS	ND(10.0)	ND(0.740)
bis(2-Chloroethoxy)methane		ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
bis(2-Chloroethyl)ether		ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
bis(2-Chloroisopropyl)ether		ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Averaging Area: / Sample ID: / Sample Depth (Feet): / Date Collected:	4E RAA4-K27 6-15 06/17/02	4E RAA4-K27 10-12 06/17/02	4E RAA4-K29 10-12 05/29/02	4E RAA4-K30 0-1 04/22/02
Semivolatile Organics (continued)				
bis(2-Ethylhexyl)phthalate	ND(0.490) [ND(0.480)]	NS	6.40	ND(0.370)
Butylbenzylphthalate	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
Chrysene	ND(0.490) [ND(0.490)]	NS	ND(5.00)	1.50
Dialiate	ND(0.990) [ND(0.990)]	NS	ND(5.00)	ND(0.740)
Dibenzo(a,h)anthracene	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
Dibenzofuran	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
Diethylphthalate	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
Dimethylphthalate	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
Di-n-Butylphthalate	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
Di-n-Octylphthalate	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
Diphenylamine	ND(0.49) [ND(0.49)]	NS	ND(5.0)	ND(0.37)
Ethyl Methanesulfonate	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
Fluoranthene	ND(0.490) [ND(0.490)]	NS	ND(5.00)	3.40
Fluorene	0.340 J [ND(0.490)]	NS	ND(5.00)	ND(0.370)
Hexachlorobenzene	ND(0.490) [0.520]	NS	ND(5.00)	ND(0.370)
Hexachlorobutadiene	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
Hexachlorocyclopentadiene	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
Hexachloroethane	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
Hexachlorophene	ND(0.99) [ND(0.99)]	NS	ND(10)	ND(0.74)
Hexachloropropene	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
Indeno(1,2,3-cd)pyrene	ND(0.490) [ND(0.490)]	NS	ND(5.00)	0.590
Isodrin	ND(0.49) [ND(0.49)]	NS	ND(5.0)	ND(0.37)
Isophorone	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
Isosafrole	ND(0.990) [ND(0.990)]	NS	ND(5.00)	ND(0.740)
Methapyrilene	ND(0.990) [ND(0.990)]	NS	ND(5.00)	ND(0.740)
Methyl Methanesulfonate	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
Naphthalene	2.00 [ND(0.490)]	NS	2.20 J	ND(0.370)
Nitrobenzene	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
N-Nitrosodiethylamine	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
N-Nitrosodimethylamine	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
N-Nitroso-di-n-butylamine	ND(0.990) [ND(0.990)]	NS	ND(5.00)	ND(0.740)
N-Nitroso-di-n-propylamine	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
N-Nitrosodiphenylamine	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
N-Nitrosomethylethylamine	ND(0.990) [ND(0.990)]	NS	ND(5.00)	ND(0.740)
N-Nitrosomorpholine	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
N-Nitrosopiperidine	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
N-Nitrosopyrrolidine	ND(0.990) [ND(0.990)]	NS	ND(5.00)	ND(0.740)
o,o,o-Triethylphosphorothioate	ND(0.49) [ND(0.49)]	NS	ND(5.0)	ND(0.37)
o-Toluidine	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
p-Dimethylaminoazobenzene	ND(0.990) [ND(0.990)]	NS	ND(5.00)	ND(0.740)
Pentachlorobenzene	ND(0.490) [0.220 J]	NS	37.0	ND(0.370)
Pentachloroethane	ND(0.49) [ND(0.49)]	NS	ND(5.0)	ND(0.37)
Pentachloronitrobenzene	ND(0.990) [ND(0.990)]	NS	ND(5.00)	ND(0.740)
Pentachlorophenol	2.70 [ND(2.50)]	NS	ND(25.0)	ND(1.90)
Phenacetin	ND(0.990) [ND(0.990)]	NS	ND(5.00)	ND(0.740)
Phenanthrene	ND(0.490) [ND(0.490)]	NS	ND(5.00)	1.40
Phenol	1.90 [ND(0.490)]	NS	ND(5.00)	ND(0.370)
Pronamide	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
Pyrene	ND(0.490) [ND(0.490)]	NS	ND(5.00)	4.30
Pyridine	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
Safrole	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
Thionazin	ND(0.49) [ND(0.49)]	NS	ND(5.0)	ND(0.37)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4E RAA4-K27 6-15 06/17/02	4E RAA4-K27 10-12 06/17/02	4E RAA4-K29 10-12 05/29/02	4E RAA4-K30 0-1 04/22/02
Furans				
2,3,7,8-TCDF	0.000053 YJ [0.000030 YJ]	NS	NS	0.0021 Y
TCDFs (total)	0.00046 [0.00027]	NS	NS	0.015
1,2,3,7,8-PeCDF	0.000018 [0.000012]	NS	NS	ND(0.00040) X
2,3,4,7,8-PeCDF	0.000068 I [0.000042 I]	NS	NS	0.0018
PeCDFs (total)	0.00060 I J [0.00034 I J]	NS	NS	0.017
1,2,3,4,7,8-HxCDF	0.00035 J [0.00020 J]	NS	NS	0.0014
1,2,3,6,7,8-HxCDF	0.000032 [0.000020]	NS	NS	0.0015
1,2,3,7,8,9-HxCDF	0.000036 J [0.000020 J]	NS	NS	0.00014
2,3,4,6,7,8-HxCDF	0.000040 [0.000024]	NS	NS	0.0012
HxCDFs (total)	0.00097 J [0.00055 J]	NS	NS	0.0059
1,2,3,4,6,7,8-HpCDF	0.00033 J [0.00019 J]	NS	NS	0.00096
1,2,3,4,7,8,9-HpCDF	0.00020 [0.00012]	NS	NS	0.00024
HpCDFs (total)	0.0013 J [0.00076 J]	NS	NS	0.0018
OCDF	0.0022 J [0.0013 J]	NS	NS	0.00017
Dioxins				
2,3,7,8-TCDD	ND(0.00000045) X [ND(0.00000026) X]	NS	NS	0.000030
TCDDs (total)	0.000013 [0.0000088]	NS	NS	0.00014
1,2,3,7,8-PeCDD	ND(0.0000028) X [ND(0.0000019) X]	NS	NS	0.000053
PeCDDs (total)	ND(0.0000011) [0.0000014]	NS	NS	0.00015
1,2,3,4,7,8-HxCDD	ND(0.00000062) [ND(0.00000037)]	NS	NS	0.000028
1,2,3,6,7,8-HxCDD	0.0000042 J [0.0000021 J]	NS	NS	0.000025
1,2,3,7,8,9-HxCDD	0.0000015 J [0.00000082 J]	NS	NS	ND(0.000022) X
HxCDDs (total)	0.000069 J [0.000033 J]	NS	NS	0.000092
1,2,3,4,6,7,8-HpCDD	0.00011 J [0.000054 J]	NS	NS	0.000034
HpCDDs (total)	0.00026 J [0.00012 J]	NS	NS	0.000068
OCDD	0.0014 J [0.00064 J]	NS	NS	0.00017
Total TEQs (WHO TEFs)	0.000095 [0.000056]	NS	NS	0.0016
Inorganics				
Antimony	ND(6.00) [ND(6.00)]	NS	NS	ND(6.00)
Arsenic	1.90 [2.50]	NS	NS	3.30
Barium	47.0 [31.0]	NS	NS	43.0
Beryllium	ND(0.500) [ND(0.500)]	NS	NS	ND(0.500)
Cadmium	ND(0.500) [ND(0.500)]	NS	NS	0.140 B
Chromium	12.0 [9.50]	NS	NS	7.30
Cobalt	7.30 [7.80]	NS	NS	9.10
Copper	13.0 J [13.0 J]	NS	NS	17.0
Cyanide	ND(0.150) J [ND(0.150) J]	NS	NS	ND(0.110)
Lead	8.30 [10.0]	NS	NS	10.0
Mercury	ND(0.150) J [ND(0.150) J]	NS	NS	0.140 J
Nickel	13.0 [12.0]	NS	NS	13.0
Selenium	ND(1.10) J [ND(1.10) J]	NS	NS	ND(1.00)
Silver	ND(1.10) [ND(1.10)]	NS	NS	ND(1.00)
Sulfide	88.0 J [40.0 J]	NS	NS	16.0
Thallium	ND(2.20) J [ND(2.20) J]	NS	NS	ND(1.10) J
Tin	ND(5.10) [ND(5.30)]	NS	NS	3.40 B
Vanadium	12.0 [11.0]	NS	NS	6.90
Zinc	120 J [210 J]	NS	NS	48.0

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Averaging Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	4E RAA4-K31 3-6 06/17/02	4E RAA4-L28 0-1 06/25/02	4E RAA4-L31 0-1 06/25/02	4E RAA4-M8 0-1 06/25/02	4E RAA4-M11 0-1 07/02/02
Volatile Organics					
1,1,1,2-Tetrachloroethane	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
1,1,1-Trichloroethane	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
1,1,2,2-Tetrachloroethane	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
1,1,2-Trichloroethane	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
1,1-Dichloroethane	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
1,1-Dichloroethene	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
1,2,3-Trichloropropane	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
1,2-Dibromo-3-chloropropane	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
1,2-Dibromoethane	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
1,2-Dichloroethane	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
1,2-Dichloropropane	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
1,4-Dioxane	ND(0.11) J	ND(0.11) J	ND(0.11) J	ND(0.11) J	ND(0.11) J
2-Butanone	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)
2-Chloro-1,3-butadiene	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
2-Chloroethylvinylether	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
2-Hexanone	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)
3-Chloropropene	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
4-Methyl-2-pentanone	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)
Acetone	0.0081 J	ND(0.022)	ND(0.022)	ND(0.023)	ND(0.022)
Acetonitrile	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)
Acrolein	ND(0.11) J	ND(0.11) J	ND(0.11) J	ND(0.11) J	ND(0.11) J
Acrylonitrile	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Benzene	ND(0.00560)	ND(0.00540)	ND(0.00560)	ND(0.00570)	ND(0.00560)
Bromodichloromethane	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Bromoform	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Bromomethane	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Carbon Disulfide	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Carbon Tetrachloride	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Chlorobenzene	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Chloroethane	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Chloroform	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Chloromethane	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
cis-1,3-Dichloropropene	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Dibromochloromethane	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Dibromomethane	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Dichlorodifluoromethane	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Ethyl Methacrylate	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Ethylbenzene	ND(0.00560)	ND(0.00540)	ND(0.00560)	ND(0.00570)	ND(0.00560)
Iodomethane	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Isobutanol	ND(0.11) J	ND(0.11) J	ND(0.11) J	ND(0.11) J	ND(0.11)
Methacrylonitrile	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Methyl Methacrylate	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Methylene Chloride	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Propionitrile	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)
Styrene	ND(0.00560)	ND(0.00540)	ND(0.00560)	ND(0.00570)	ND(0.00560)
Tetrachloroethene	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Toluene	ND(0.00560)	ND(0.00540)	ND(0.00560)	ND(0.00570)	ND(0.00560)
trans-1,2-Dichloroethene	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
trans-1,3-Dichloropropene	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
trans-1,4-Dichloro-2-butene	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056) J
Trichloroethene	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Trichlorofluoromethane	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Vinyl Acetate	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Vinyl Chloride	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Xylenes (total)	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4E RAA4-K31 3-6 06/17/02	4E RAA4-L28 0-1 06/25/02	4E RAA4-L31 0-1 06/25/02	4E RAA4-M8 0-1 06/25/02	4E RAA4-M11 0-1 07/02/02
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
1,2,4-Trichlorobenzene		ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
1,2-Dichlorobenzene		ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
1,2-Diphenylhydrazine		ND(0.37)	ND(0.36)	ND(0.37)	0.15 J	ND(0.41)
1,3,5-Trinitrobenzene		ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
1,3-Dichlorobenzene		ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
1,3-Dinitrobenzene		ND(0.760)	ND(0.730)	ND(0.750)	ND(0.760)	ND(0.750)
1,4-Dichlorobenzene		ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
1,4-Naphthoquinone		ND(0.760)	ND(0.730)	ND(0.750)	ND(0.760)	ND(0.750)
1-Naphthylamine		ND(0.760)	ND(0.730)	ND(0.750)	ND(0.760)	ND(0.750)
2,3,4,6-Tetrachlorophenol		ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
2,4,5-Trichlorophenol		ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
2,4,6-Trichlorophenol		ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
2,4-Dichlorophenol		ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
2,4-Dimethylphenol		ND(0.370)	ND(0.360)	ND(0.370)	3.50	ND(0.410)
2,4-Dinitrophenol		ND(1.90)	ND(1.8) J	ND(1.9) J	ND(1.9) J	ND(2.00)
2,4-Dinitrotoluene		ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
2,6-Dichlorophenol		ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
2,6-Dinitrotoluene		ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
2-Acetylaminofluorene		ND(0.760)	ND(0.730)	ND(0.750)	ND(0.760)	ND(0.750)
2-Chloronaphthalene		ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
2-Chlorophenol		ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
2-Methylnaphthalene		ND(0.370)	ND(0.360)	ND(0.370)	0.150 J	0.100 J
2-Methylphenol		ND(0.370)	ND(0.360)	ND(0.370)	5.10	ND(0.410)
2-Naphthylamine		ND(0.760)	ND(0.730)	ND(0.750)	ND(0.760)	ND(0.750)
2-Nitroaniline		ND(1.90)	ND(1.80)	ND(1.90)	0.840 J	ND(2.00)
2-Nitrophenol		ND(0.760)	ND(0.730)	ND(0.750)	ND(0.760)	ND(0.750)
2-Picoline		ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
3&4-Methylphenol		ND(0.760)	ND(0.730)	ND(0.750)	4.60	ND(0.750)
3,3'-Dichlorobenzidine		ND(0.760)	ND(0.730)	ND(0.750)	ND(0.760)	ND(0.82) J
3,3'-Dimethylbenzidine		ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
3-Methylcholanthrene		ND(0.760)	ND(0.730)	ND(0.750)	ND(0.760)	ND(0.750)
3-Nitroaniline		ND(1.90)	ND(1.80)	ND(1.90)	ND(1.90)	ND(2.00)
4,6-Dinitro-2-methylphenol		ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
4-Aminobiphenyl		ND(0.760)	ND(0.730)	ND(0.750)	ND(0.760)	ND(0.750)
4-Bromophenyl-phenylether		ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
4-Chloro-3-Methylphenol		ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
4-Chloroaniline		ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
4-Chlorobenzilate		ND(0.760)	ND(0.730)	ND(0.750)	ND(0.760)	ND(0.750)
4-Chlorophenyl-phenylether		ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
4-Nitroaniline		ND(1.90)	ND(1.80)	ND(1.90)	ND(1.90)	ND(1.90)
4-Nitrophenol		ND(1.90)	ND(1.80)	ND(1.90)	ND(1.90)	ND(2.00)
4-Nitroquinoline-1-oxide		ND(0.760)	ND(0.730)	ND(0.750)	ND(0.760)	ND(0.750)
4-Phenylenediamine		ND(0.76) J	ND(0.73) J	ND(0.75) J	ND(0.76) J	ND(0.75) J
5-Nitro-o-toluidine		ND(0.760)	ND(0.730)	ND(0.750)	ND(0.760)	ND(0.750)
7,12-Dimethylbenz(a)anthracene		ND(0.760)	ND(0.730)	ND(0.750)	ND(0.760)	ND(0.750)
a,a'-Dimethylphenethylamine		ND(0.760)	ND(0.730)	ND(0.750)	ND(0.760)	ND(0.750)
Acenaphthene		ND(0.370)	ND(0.360)	ND(0.370)	1.00	0.190 J
Acenaphthylene		ND(0.370)	ND(0.360)	ND(0.370)	0.140 J	ND(0.410)
Acetophenone		ND(0.370)	ND(0.360)	ND(0.370)	0.300 J	ND(0.410)
Aniline		ND(0.370)	ND(0.360)	ND(0.370)	270	4.20
Anthracene		ND(0.370)	ND(0.360)	ND(0.370)	1.10	0.380 J
Aramite		ND(0.760)	ND(0.730)	ND(0.750)	ND(0.760)	ND(0.750)
Benzidine		ND(0.76) J	ND(0.73)	ND(0.75)	ND(0.76)	ND(0.82) J
Benzo(a)anthracene		ND(0.370)	ND(0.360)	0.110 J	3.60	1.50
Benzo(a)pyrene		ND(0.370)	0.110 J	0.220 J	4.80	1.60
Benzo(b)fluoranthene		ND(0.370)	ND(0.360)	ND(0.360)	5.20	1.90
Benzo(g,h,i)perylene		ND(0.370)	ND(0.360)	ND(0.370)	3.00	1.30
Benzo(k)fluoranthene		ND(0.370)	ND(0.360)	0.140 J	3.90	1.50
Benzyl Alcohol		ND(0.760)	ND(0.73) J	ND(0.75) J	ND(0.75) J	ND(0.820)
bis(2-Chloroethoxy)methane		ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
bis(2-Chloroethyl)ether		ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
bis(2-Chloroisopropyl)ether		ND(0.370)	ND(0.36) J	ND(0.37) J	ND(0.38) J	ND(0.41) J

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4E / RAA4-K31 / 3-6 / 06/17/02	4E / RAA4-L28 / 0-1 / 06/25/02	4E / RAA4-L31 / 0-1 / 06/25/02	4E / RAA4-M8 / 0-1 / 06/25/02	4E / RAA4-M11 / 0-1 / 07/02/02
Semivolatile Organics (continued)						
bis(2-Ethylhexyl)phthalate		ND(0.370)	ND(0.360)	ND(0.370)	0.380	ND(0.370)
Butylbenzylphthalate		ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
Chrysene		ND(0.370)	0.120 J	0.140 J	3.70	1.50
Diallate		ND(0.760)	ND(0.730)	ND(0.750)	ND(0.760)	ND(0.750)
Dibenzo(a,h)anthracene		ND(0.370)	ND(0.360)	ND(0.370)	1.30	ND(0.410)
Dibenzofuran		ND(0.370)	ND(0.360)	ND(0.370)	0.380	ND(0.410)
Diethylphthalate		ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
Dimethylphthalate		ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
Di-n-Butylphthalate		ND(0.370)	ND(0.360)	ND(0.370)	2.30	ND(0.410)
Di-n-Octylphthalate		ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
Diphenylamine		ND(0.37)	ND(0.36)	ND(0.37)	ND(0.38)	ND(0.41)
Ethyl Methanesulfonate		ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
Fluoranthene		ND(0.370)	0.160 J	0.280 J	8.30	2.20
Fluorene		ND(0.370)	ND(0.360)	ND(0.370)	0.620	0.160 J
Hexachlorobenzene		0.0950 J	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
Hexachlorobutadiene		ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
Hexachlorocyclopentadiene		ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
Hexachloroethane		ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
Hexachlorophene		ND(0.76)	ND(0.73)	ND(0.75)	ND(0.76)	ND(0.82)
Hexachloropropene		ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
Indeno(1,2,3-cd)pyrene		ND(0.370)	ND(0.360)	ND(0.370)	3.10	1.10
Isodrin		ND(0.37)	ND(0.36)	ND(0.37)	ND(0.38)	ND(0.41)
Isophorone		ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
Isosafrole		ND(0.760)	ND(0.730)	ND(0.750)	ND(0.760)	ND(0.750)
Methapyrilene		ND(0.760)	ND(0.730)	ND(0.750)	ND(0.760)	ND(0.750)
Methyl Methanesulfonate		ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
Naphthalene		ND(0.370)	ND(0.360)	ND(0.370)	0.400	0.180 J
Nitrobenzene		ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
N-Nitrosodiethylamine		ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
N-Nitrosodimethylamine		ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
N-Nitroso-di-n-butylamine		ND(0.760)	ND(0.730)	ND(0.750)	ND(0.760)	ND(0.750)
N-Nitroso-di-n-propylamine		ND(0.370)	ND(0.36) J	ND(0.37) J	ND(0.38) J	ND(0.410)
N-Nitrosodiphenylamine		ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
N-Nitrosomethylethylamine		ND(0.760)	ND(0.730)	ND(0.750)	ND(0.760)	ND(0.750)
N-Nitrosomorpholine		ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
N-Nitrosopiperidine		ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
N-Nitrosopyrrolidine		ND(0.760)	ND(0.730)	ND(0.750)	ND(0.760)	ND(0.750)
o,o,o-Triethylphosphorothioate		ND(0.37)	ND(0.36)	ND(0.37)	ND(0.38)	ND(0.41)
o-Toluidine		ND(0.370)	ND(0.360)	ND(0.370)	6.10	0.180 J
p-Dimethylaminoazobenzene		ND(0.760)	ND(0.730)	ND(0.750)	ND(0.760)	ND(0.750)
Pentachlorobenzene		ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
Pentachloroethane		ND(0.37)	ND(0.36)	ND(0.37)	ND(0.38)	ND(0.41)
Pentachloronitrobenzene		ND(0.760)	ND(0.730)	ND(0.750)	ND(0.760)	ND(0.750)
Pentachlorophenol		ND(1.90)	ND(1.80)	ND(1.90)	ND(1.90)	ND(2.00)
Phenacetin		ND(0.760)	ND(0.730)	ND(0.750)	ND(0.760)	ND(0.750)
Phenanthrene		ND(0.370)	ND(0.360)	ND(0.370)	5.50	1.80
Phenol		ND(0.370)	ND(0.360)	ND(0.370)	25.0	0.350 J
Pronamide		ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
Pyrene		ND(0.370)	0.150 J	0.230 J	6.70	3.30
Pyridine		ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
Safrole		ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
Thionazin		ND(0.37)	ND(0.36)	ND(0.37)	ND(0.38)	ND(0.41)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Averaging Area:	4E	4E	4E	4E	4E
Sample ID:	RAA4-K31	RAA4-L28	RAA4-L31	RAA4-M8	RAA4-M11
Sample Depth(Feet):	3-6	0-1	0-1	0-1	0-1
Date Collected:	06/17/02	06/25/02	06/25/02	06/25/02	07/02/02
Furans					
2,3,7,8-TCDF	0.00018 Y	0.000016 Y	0.00011 Y	0.00018 Y	0.000051 Y
TCDFs (total)	0.0011 I	0.00013	0.00064	0.0022 I	0.00068 I
1,2,3,7,8-PeCDF	0.00017	0.0000063	0.000092	0.00010	0.000036 Q
2,3,4,7,8-PeCDF	0.00026	0.0000096	0.00014	0.00028	0.000047
PeCDFs (total)	0.0016 QI	0.00011 Q	0.0011 QI	0.0040 Q	0.00063 QI
1,2,3,4,7,8-HxCDF	0.00041	0.000014	0.00013	0.00020	0.000072
1,2,3,6,7,8-HxCDF	0.00012	0.0000062	0.000053	0.00014	0.000046
1,2,3,7,8,9-HxCDF	0.00010	0.0000019 JQ	0.000033	0.000040	0.000013
2,3,4,6,7,8-HxCDF	0.00012	0.0000072	0.000073	0.00034	0.000065
HxCDFs (total)	0.0014	0.00010 Q	0.00089	0.0046	0.00061
1,2,3,4,6,7,8-HpCDF	0.00020	0.000015	0.000071	0.00046	0.00018
1,2,3,4,7,8,9-HpCDF	0.00014	0.0000027	0.000022	0.000049	0.000018
HpCDFs (total)	0.00066	0.000028	0.00017	0.0011	0.00026
OCDF	0.00092	0.000015	0.000064	0.00035	0.000098
Dioxins					
2,3,7,8-TCDD	0.0000018	ND(0.00000013) X	ND(0.00000073) X	0.0000023 J	0.0000028
TCDDs (total)	0.000026	0.0000032	0.0000037	0.000046	0.000095
1,2,3,7,8-PeCDD	ND(0.0000058) X	0.00000030 J	ND(0.0000040) X	ND(0.000010) X	0.0000083
PeCDDs (total)	0.000011	0.0000039 Q	0.0000048	0.000081 Q	0.00013 Q
1,2,3,4,7,8-HxCDD	0.0000041	0.00000034 J	0.0000021	0.000013	0.000011
1,2,3,6,7,8-HxCDD	0.0000034	0.00000040 J	0.0000021	0.000018	0.000016
1,2,3,7,8,9-HxCDD	0.0000021 J	0.00000040 J	0.0000015 J	0.000014	0.000012
HxCDDs (total)	0.000041	0.0000059 Q	0.000024	0.00026	0.00026
1,2,3,4,6,7,8-HpCDD	0.000023	0.0000033	0.000022	0.00019	0.000094
HpCDDs (total)	0.000043	0.0000062	0.000042	0.00057	0.00020
OCDD	0.000085	0.000017	0.00013	0.0018	0.00017
Total TEQs (WHO TEFs)	0.00024	0.000010	0.00012	0.00025	0.000068
Inorganics					
Antimony	ND(6.00)	1.10 B	ND(6.00)	11.0	16.0
Arsenic	3.00	7.90	3.50	7.60	22.0
Barium	ND(20.0)	28.0	21.0	53.0	220 J
Beryllium	ND(0.500)	ND(0.500) J	ND(0.500) J	ND(0.500) J	ND(0.500)
Cadmium	0.150 B	ND(0.500) J	ND(0.500) J	0.970 J	13.0
Chromium	6.30	8.90	6.40	11.0	27.0
Cobalt	6.70	10.0	7.30	6.20	6.80 J
Copper	16.0 J	22.0	18.0	97.0	890
Cyanide	ND(0.110) J	ND(0.110)	ND(0.110)	0.510	0.180 B
Lead	8.00	11.0	57.0	73.0	2600
Mercury	ND(0.110) J	ND(0.110) J	ND(0.110) J	0.400	ND(0.110)
Nickel	11.0	16.0	14.0	20.0	57.0
Selenium	ND(1.00) J	ND(1.00) J	ND(1.00) J	ND(1.00) J	1.50
Silver	ND(1.00)	ND(1.00) J	ND(1.00) J	0.540 J	ND(1.60)
Sulfide	38.0 J	30.0	23.0	100	52.0
Thallium	ND(1.70) J	1.00 J	ND(1.70) J	ND(1.70) J	ND(1.70) J
Tin	ND(3.60)	ND(3.80)	ND(3.4)	ND(10.0)	140
Vanadium	6.70	8.00	7.80	14.0	14.0
Zinc	42.0 J	50.0	46.0	370	1300 J

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4E RAA4-M13 1-3 06/28/02	4E RAA4-M15 0-1 07/08/02	4E RAA4-M15 3-6 07/08/02	4E RAA4-M17 0-1 06/10/02	4E RAA4-M21 0-1 06/13/02	4E RAA4-M21 3-6 06/13/02
Volatile Organics							
1,1,1,2-Tetrachloroethane		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
1,1,1-Trichloroethane		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
1,1,2,2-Tetrachloroethane		ND(0.0058)	ND(0.0050)	ND(0.0055) J	ND(0.0057) J	ND(0.0053)	ND(0.0056)
1,1,2-Trichloroethane		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
1,1-Dichloroethane		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
1,1-Dichloroethene		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
1,2,3-Trichloropropane		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057) J	ND(0.0053)	ND(0.0056)
1,2-Dibromo-3-chloropropane		ND(0.0058) J	ND(0.0050)	ND(0.0055)	ND(0.0057) J	ND(0.0053)	ND(0.0056)
1,2-Dibromoethane		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
1,2-Dichloroethane		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
1,2-Dichloropropane		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
1,4-Dioxane		ND(0.12)	ND(0.10) J	ND(0.11) J	ND(0.11) J	ND(0.10) J	ND(0.11) J
2-Butanone		ND(0.012)	ND(0.010)	ND(0.011)	ND(0.011)	ND(0.010)	ND(0.011)
2-Chloro-1,3-butadiene		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
2-Chloroethylvinylether		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
2-Hexanone		ND(0.012)	ND(0.010)	ND(0.011)	ND(0.011)	ND(0.010)	ND(0.011)
3-Chloropropene		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
4-Methyl-2-pentanone		ND(0.012)	ND(0.010)	ND(0.011)	ND(0.011)	ND(0.010)	ND(0.011)
Acetone		ND(0.023)	ND(0.020)	ND(0.022)	ND(0.023)	ND(0.021) J	0.036 J
Acetonitrile		ND(0.12)	ND(0.10)	ND(0.11)	ND(0.11)	ND(0.10)	ND(0.11)
Acrolein		ND(0.12) J	ND(0.10) J	ND(0.11) J	ND(0.11) J	ND(0.10) J	ND(0.11) J
Acrylonitrile		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
Benzene		ND(0.00580)	ND(0.00500)	ND(0.00550)	ND(0.00570)	ND(0.00530)	ND(0.00560)
Bromodichloromethane		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
Bromoform		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
Bromomethane		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
Carbon Disulfide		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
Carbon Tetrachloride		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
Chlorobenzene		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
Chloroethane		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
Chloroform		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
Chloromethane		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
cis-1,3-Dichloropropene		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
Dibromochloromethane		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
Dibromomethane		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
Dichlorodifluoromethane		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
Ethyl Methacrylate		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
Ethylbenzene		ND(0.00580)	ND(0.00500)	ND(0.00550)	ND(0.00570)	ND(0.00530)	ND(0.00560)
Iodomethane		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
Isobutanol		ND(0.12)	ND(0.10)	ND(0.11)	ND(0.11)	ND(0.10)	ND(0.11)
Methacrylonitrile		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
Methyl Methacrylate		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
Methylene Chloride		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
Propionitrile		ND(0.012) J	ND(0.010)	ND(0.011)	ND(0.011) J	ND(0.010)	ND(0.011)
Styrene		ND(0.00580)	ND(0.00500)	ND(0.00550)	ND(0.00570)	ND(0.00530)	ND(0.00560)
Tetrachloroethene		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
Toluene		ND(0.00580)	ND(0.00500)	ND(0.00550)	ND(0.00570)	0.0100	ND(0.00560)
trans-1,2-Dichloroethene		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
trans-1,3-Dichloropropene		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
trans-1,4-Dichloro-2-butene		ND(0.0058)	ND(0.0050) J	ND(0.0055)	ND(0.0057) J	ND(0.0053)	ND(0.0056)
Trichloroethene		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	0.011	ND(0.0056)
Trichlorofluoromethane		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
Vinyl Acetate		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053) J	ND(0.0056) J
Vinyl Chloride		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
Xylenes (total)		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4E RAA4-M13 1-3 06/28/02	4E RAA4-M15 0-1 07/08/02	4E RAA4-M15 3-6 07/08/02	4E RAA4-M17 0-1 06/10/02	4E RAA4-M21 0-1 06/13/02	4E RAA4-M21 3-6 06/13/02
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
1,2,4-Trichlorobenzene		0.480	ND(0.460)	ND(0.370)	ND(0.480)	0.710	0.0910 J
1,2-Dichlorobenzene		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
1,2-Diphenylhydrazine		ND(0.39) J	ND(0.46)	ND(0.37)	ND(0.48)	ND(0.35)	ND(0.37)
1,3,5-Trinitrobenzene		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
1,3-Dichlorobenzene		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
1,3-Dinitrobenzene		ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.710)	ND(0.740)
1,4-Dichlorobenzene		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	0.140 J	0.100 J
1,4-Naphthoquinone		ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.710)	ND(0.740)
1-Naphthylamine		ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.710)	ND(0.740)
2,3,4,6-Tetrachlorophenol		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
2,4,5-Trichlorophenol		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
2,4,6-Trichlorophenol		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
2,4-Dichlorophenol		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
2,4-Dimethylphenol		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
2,4-Dinitrophenol		ND(2.00)	ND(2.30)	ND(1.90)	ND(2.40)	ND(1.80)	ND(1.90)
2,4-Dinitrotoluene		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
2,6-Dichlorophenol		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
2,6-Dinitrotoluene		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
2-Acetylaminofluorene		ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.710)	ND(0.740)
2-Chloronaphthalene		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
2-Chlorophenol		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
2-Methylnaphthalene		ND(0.390)	ND(0.460)	0.0760 J	ND(0.480)	ND(0.350)	0.0750 J
2-Methylphenol		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
2-Naphthylamine		ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.710)	ND(0.740)
2-Nitroaniline		ND(2.00)	ND(2.30)	ND(1.90)	ND(2.40)	ND(1.80)	ND(1.90)
2-Nitrophenol		ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.710)	ND(0.740)
2-Picoline		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
3&4-Methylphenol		ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.710)	ND(0.740)
3,3'-Dichlorobenzidine		ND(0.780)	ND(0.93) J	ND(0.74) J	ND(0.970)	ND(0.710)	ND(0.740)
3,3'-Dimethylbenzidine		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
3-Methylcholanthrene		ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.710)	ND(0.740)
3-Nitroaniline		ND(2.00)	ND(2.30)	ND(1.90)	ND(2.40)	ND(1.80)	ND(1.90)
4,6-Dinitro-2-methylphenol		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
4-Aminobiphenyl		ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.710)	ND(0.740)
4-Bromophenyl-phenylether		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
4-Chloro-3-Methylphenol		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
4-Chloroaniline		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
4-Chlorobenzilate		ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.710)	ND(0.740)
4-Chlorophenyl-phenylether		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
4-Nitroaniline		ND(2.00)	ND(1.90)	ND(1.90)	ND(1.90)	ND(1.80)	ND(1.90)
4-Nitrophenol		ND(2.00)	ND(2.30)	ND(1.90)	ND(2.40)	ND(1.80)	ND(1.90)
4-Nitroquinoline-1-oxide		ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.710)	ND(0.740)
4-Phenylenediamine		ND(0.78) J	ND(0.75) J	ND(0.74) J	ND(0.76) J	ND(0.71) J	ND(0.74) J
5-Nitro-o-toluidine		ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.710)	ND(0.740)
7,12-Dimethylbenz(a)anthracene		ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.710)	ND(0.740)
a,a'-Dimethylphenethylamine		ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.710)	ND(0.740)
Acenaphthene		0.220 J	0.400 J	0.780	ND(0.480)	ND(0.350)	0.450
Acenaphthylene		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	0.170 J
Acetophenone		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
Aniline		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	0.450
Anthracene		0.460	0.310 J	0.610	ND(0.480)	0.0760 J	1.10
Aramite		ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.710)	ND(0.740)
Benzidine		ND(0.78)	ND(0.93) J	ND(0.74) J	ND(0.97)	ND(0.71)	ND(0.74) J
Benzo(a)anthracene		0.870	1.60	1.90	0.820	0.140 J	2.00
Benzo(a)pyrene		1.00	1.70	1.90	0.890	ND(0.350)	1.60
Benzo(b)fluoranthene		1.10	2.60	3.00	2.50	0.170 J	1.90
Benzo(g,h,i)perylene		ND(0.390)	0.530	0.980	2.60	0.0880 J	1.00
Benzo(k)fluoranthene		0.900	2.60	2.70	1.40	0.100 J	1.20
Benzyl Alcohol		ND(0.78) J	ND(0.930)	ND(0.740)	ND(0.970)	ND(0.710)	ND(0.740)
bis(2-Chloroethoxy)methane		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
bis(2-Chloroethyl)ether		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
bis(2-Chloroisopropyl)ether		ND(0.390)	ND(0.46) J	ND(0.37) J	ND(0.480)	ND(0.35) J	ND(0.370)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	Averaging Area:	4E	4E	4E	4E	4E	4E
	Sample ID:	RAA4-M13	RAA4-M15	RAA4-M15	RAA4-M17	RAA4-M21	RAA4-M21
	Sample Depth(Feet):	1-3	0-1	3-6	0-1	0-1	3-6
Parameter	Date Collected:	06/28/02	07/08/02	07/08/02	06/10/02	06/13/02	06/13/02
Semivolatile Organics (continued)							
bis(2-Ethylhexyl)phthalate		ND(0.380)	ND(0.370)	ND(0.370)	ND(0.370)	ND(0.350)	ND(0.370)
Butylbenzylphthalate		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
Chrysene		1.00	2.10	2.00	2.00	0.200 J	1.60
Diallate		ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.710)	ND(0.740)
Dibenzo(a,h)anthracene		ND(0.390)	0.300 J	0.240 J	0.730	ND(0.350)	0.340 J
Dibenzofuran		0.110 J	0.110 J	0.240 J	ND(0.480)	ND(0.350)	0.530
Diethylphthalate		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
Dimethylphthalate		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
Di-n-Butylphthalate		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
Di-n-Octylphthalate		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
Diphenylamine		ND(0.39)	ND(0.46)	ND(0.37)	ND(0.48)	ND(0.35)	ND(0.37)
Ethyl Methanesulfonate		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
Fluoranthene		2.30	5.00	4.20	1.20	0.210 J	4.60
Fluorene		0.130 J	0.180 J	0.490	ND(0.480)	ND(0.350)	0.860
Hexachlorobenzene		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
Hexachlorobutadiene		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
Hexachlorocyclopentadiene		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
Hexachloroethane		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
Hexachlorophene		ND(0.78)	ND(0.93)	ND(0.74)	ND(0.97)	ND(0.71)	ND(0.74)
Hexachloropropene		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
Indeno(1,2,3-cd)pyrene		0.360 J	0.460 J	0.990	1.40	ND(0.350)	0.990
Isodrin		ND(0.39)	ND(0.46)	ND(0.37)	ND(0.48)	ND(0.35)	ND(0.37)
Isophorone		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
Isosafrole		ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.710)	ND(0.740)
Methapyrilene		ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.710)	ND(0.740)
Methyl Methanesulfonate		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
Naphthalene		ND(0.390)	ND(0.460)	0.180 J	ND(0.480)	0.0850 J	ND(0.370)
Nitrobenzene		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
N-Nitrosodiethylamine		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
N-Nitrosodimethylamine		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.48) J	ND(0.350)	ND(0.370)
N-Nitroso-di-n-butylamine		ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.710)	ND(0.740)
N-Nitroso-di-n-propylamine		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
N-Nitrosodiphenylamine		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
N-Nitrosomethylethylamine		ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.710)	ND(0.740)
N-Nitrosomorpholine		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
N-Nitrosopiperidine		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
N-Nitrosopyrrolidine		ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.710)	ND(0.740)
o,o,o-Triethylphosphorothioate		ND(0.39)	ND(0.46)	ND(0.37)	ND(0.48)	ND(0.35)	ND(0.37)
o-Toluidine		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
p-Dimethylaminoazobenzene		ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.710)	ND(0.740)
Pentachlorobenzene		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
Pentachloroethane		ND(0.39)	ND(0.46)	ND(0.37)	ND(0.48)	ND(0.35)	ND(0.37)
Pentachloronitrobenzene		ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.710)	ND(0.740)
Pentachlorophenol		ND(2.00)	ND(2.30)	ND(1.90)	ND(2.40)	ND(1.80)	ND(1.90)
Phenacetin		ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.710)	ND(0.740)
Phenanthrene		2.50	3.70	3.50	ND(0.480)	0.260 J	4.00
Phenol		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
Pronamide		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
Pyrene		2.40	3.10	5.20	0.790	0.430	4.70
Pyridine		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
Safrole		ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
Thionazin		ND(0.39)	ND(0.46)	ND(0.37)	ND(0.48)	ND(0.35)	ND(0.37)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Averaging Area:	4E	4E	4E	4E	4E	4E
Sample ID:	RAA4-M13	RAA4-M15	RAA4-M15	RAA4-M17	RAA4-M21	RAA4-M21
Sample Depth(Feet):	1-3	0-1	3-6	0-1	0-1	3-6
Date Collected:	06/28/02	07/08/02	07/08/02	06/10/02	06/13/02	06/13/02
Furans						
2,3,7,8-TCDF	0.000035 Y	ND(0.0000013)	0.000013 Y	0.00028 Y	0.00063 YEJ	0.0023 YEJ
TCDFs (total)	0.00053 Q	0.0000097 Q	0.00031	0.0022 Q	0.0068 QI	0.029 Q
1,2,3,7,8-PeCDF	0.000042	0.0000014 J	0.0000094 J	0.00050	0.00056	0.0014
2,3,4,7,8-PeCDF	0.000065	0.0000016 J	0.000017 J	0.00050	0.0011 EJ	0.0018
PeCDFs (total)	0.00030 QI	0.0000094 Q	0.00019 Q	0.0045 QI	0.011 I	0.026 QI
1,2,3,4,7,8-HxCDF	0.00017	0.0000024 J	0.000013 J	0.00091	0.0016 EJ	0.0059 EIJ
1,2,3,6,7,8-HxCDF	0.000066	ND(0.0000055)	0.000014 J	0.00046	0.00059 EJ	0.0033 I
1,2,3,7,8,9-HxCDF	0.000041	0.0000013 J	0.0000033 J	0.00023	0.00020	0.00055
2,3,4,6,7,8-HxCDF	0.000036	0.0000032 J	0.000021 J	0.00027	0.00082	0.00096
HxCDFs (total)	0.00054 Q	0.000013 Q	0.00014	0.0042 I	0.012	0.021 I
1,2,3,4,6,7,8-HpCDF	0.000049	0.0000054 J	0.000047	0.00065	0.0016 EJ	0.0046 I
1,2,3,4,7,8,9-HpCDF	0.000040	ND(0.0000028)	0.0000037 J	0.00024	0.00039	0.0013
HpCDFs (total)	0.00013	0.0000054	0.000064	0.0013	0.0034	0.0076 I
OCDF	0.000056	ND(0.0000056) X	0.000017 J	0.00055	0.0014	0.0081 I
Dioxins						
2,3,7,8-TCDD	ND(0.00000038) X	ND(0.0000026)	ND(0.0000028)	0.0000016	0.0000075	0.000012
TCDDs (total)	0.0000065	ND(0.0000026)	0.000027	0.000025 Q	0.00013	0.00043 Q
1,2,3,7,8-PeCDD	ND(0.00000049) X	0.0000012 J	ND(0.0000036) X	0.0000066	0.000070 Q	ND(0.000026) X
PeCDDs (total)	0.0000027 Q	0.0000041 Q	0.000047 Q	0.000062 Q	0.00054 Q	0.00046 Q
1,2,3,4,7,8-HxCDD	ND(0.00000051) X	ND(0.0000078)	0.0000033 J	0.0000078	0.000057	0.000034
1,2,3,6,7,8-HxCDD	0.00000086 J	ND(0.0000013) X	0.0000054 J	0.000012	0.000071	0.000063
1,2,3,7,8,9-HxCDD	0.00000084 J	0.0000014 J	0.0000048 J	0.0000086	0.000058	0.000046
HxCDDs (total)	0.000012	0.0000037 Q	0.000070	0.00016	0.0010	0.00089
1,2,3,4,6,7,8-HpCDD	0.0000069	0.0000078 J	0.000024 J	0.000079	0.00035	0.00038
HpCDDs (total)	0.000014	0.000015	0.000051	0.00019	0.00082	0.00075
OCDD	0.00010	0.000068	0.00010	0.00066	0.0016	0.00068
Total TEQs (WHO TEFs)	0.000071	0.0000051	0.000021	0.00051	0.0011	0.0024
Inorganics						
Antimony	ND(6.00)	0.900 B	ND(6.00)	0.960 B	ND(6.00)	16.0
Arsenic	9.00	7.60	4.50	3.30	6.00	6.10
Barium	110	29.0	46.0	26.0	35.0	68.0
Beryllium	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)
Cadmium	2.10	ND(0.500)	1.60	0.670	ND(0.500)	0.690
Chromium	9.90	9.90	13.0	9.50	10.0	18.0
Cobalt	6.30 J	9.30	5.10	6.30	7.00	7.30
Copper	450	64.0	4500	53.0	230	240
Cyanide	0.380	ND(0.110)	ND(0.220)	ND(0.110)	ND(0.100)	0.340
Lead	560	20.0	1100	33.0 J	170	360
Mercury	0.860	0.0780 B	0.200	ND(0.110)	0.280 J	4.40 J
Nickel	13.0	16.0	12.0	7.00	17.0	18.0
Selenium	ND(1.00) J	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00) J	ND(1.00) J
Silver	0.860 J	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	0.500 B
Sulfide	130	36.0	35.0	29.0	64.0	150
Thallium	ND(1.70) J	1.60 B	2.40	ND(1.10)	1.20 J	1.30 J
Tin	41.0	ND(10.0)	85.0	ND(10.0)	ND(15.0)	31.0
Vanadium	9.90	10.0	10.0	14.0	5.50	6.60
Zinc	740 J	67.0	1600	87.0	170	410

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4E RAA4-M23 0-1 06/14/02	4E RAA4-M27 0-1 05/29/02	4E RAA4-M29 1-3 06/18/02	4E RAA4-M30 0-1 04/22/02	4E RAA4-N15 1-3 06/18/02	4E RAA4-O3 1-3 06/12/02
Volatile Organics							
1,1,1,2-Tetrachloroethane		ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
1,1,1-Trichloroethane		ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
1,1,2,2-Tetrachloroethane		ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062) J
1,1,2-Trichloroethane		ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
1,1-Dichloroethane		ND(0.0057)	ND(0.0057)	0.0059 J	ND(0.0054)	NS	ND(0.0062)
1,1-Dichloroethene		ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
1,2,3-Trichloropropane		ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
1,2-Dibromo-3-chloropropane		ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062) J
1,2-Dibromoethane		ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
1,2-Dichloroethane		ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
1,2-Dichloropropane		ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
1,4-Dioxane		ND(0.11) J	ND(0.11) J	ND(0.12) J	ND(0.11) J	NS	ND(0.12) J
2-Butanone		ND(0.011)	ND(0.011)	ND(0.012)	ND(0.011)	NS	ND(0.012)
2-Chloro-1,3-butadiene		ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
2-Chloroethylvinylether		ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
2-Hexanone		ND(0.011)	ND(0.011)	ND(0.012)	ND(0.011)	NS	ND(0.012)
3-Chloropropene		ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
4-Methyl-2-pentanone		ND(0.011)	ND(0.011)	ND(0.012)	ND(0.011)	NS	ND(0.012)
Acetone		ND(0.023)	ND(0.023)	ND(0.024)	ND(0.022)	NS	ND(0.025)
Acetonitrile		ND(0.11)	ND(0.11) J	ND(0.12)	ND(0.11) J	NS	ND(0.12)
Acrolein		ND(0.11) J	ND(0.11) J	ND(0.12) J	ND(0.11) J	NS	ND(0.12)
Acrylonitrile		ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
Benzene		ND(0.00570)	ND(0.00570)	ND(0.00610)	ND(0.00540)	NS	ND(0.00620)
Bromodichloromethane		ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
Bromoform		ND(0.0057)	ND(0.0057) J	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
Bromomethane		ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
Carbon Disulfide		ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
Carbon Tetrachloride		ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
Chlorobenzene		ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
Chloroethane		ND(0.0057)	ND(0.0057) J	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
Chloroform		ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
Chloromethane		ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
cis-1,3-Dichloropropene		ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
Dibromochloromethane		ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
Dibromomethane		ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
Dichlorodifluoromethane		ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
Ethyl Methacrylate		ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
Ethylbenzene		ND(0.00570)	ND(0.00570)	ND(0.00610)	ND(0.00540)	NS	ND(0.00620)
Iodomethane		ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
Isobutanol		ND(0.11)	ND(0.11)	ND(0.12)	ND(0.11) J	NS	ND(0.12)
Methacrylonitrile		ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
Methyl Methacrylate		ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
Methylene Chloride		ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
Propionitrile		ND(0.011)	ND(0.011)	ND(0.012)	ND(0.011)	NS	ND(0.012) J
Styrene		ND(0.00570)	ND(0.00570)	ND(0.00610)	ND(0.00540)	NS	ND(0.00620)
Tetrachloroethene		ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
Toluene		ND(0.00570)	ND(0.00570)	ND(0.00610)	0.0100	NS	ND(0.00620)
trans-1,2-Dichloroethene		ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
trans-1,3-Dichloropropene		ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
trans-1,4-Dichloro-2-butene		ND(0.0057)	ND(0.0057)	ND(0.0061) J	ND(0.0054)	NS	ND(0.0062)
Trichloroethene		ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
Trichlorofluoromethane		ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
Vinyl Acetate		ND(0.0057)	ND(0.0057) J	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
Vinyl Chloride		ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
Xylenes (total)		ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4E RAA4-M23 0-1 06/14/02	4E RAA4-M27 0-1 05/29/02	4E RAA4-M29 1-3 06/18/02	4E RAA4-M30 0-1 04/22/02	4E RAA4-N15 1-3 06/18/02	4E RAA4-O3 1-3 06/12/02
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		1.40	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
1,2,4-Trichlorobenzene		33.0	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
1,2-Dichlorobenzene		1.60	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
1,2-Diphenylhydrazine		ND(0.38)	ND(0.38)	ND(0.40)	ND(0.36)	NS	ND(0.41)
1,3,5-Trinitrobenzene		ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
1,3-Dichlorobenzene		2.20	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
1,3-Dinitrobenzene		ND(0.760)	ND(0.760)	ND(0.820)	ND(0.730)	NS	ND(0.830)
1,4-Dichlorobenzene		9.30	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
1,4-Naphthoquinone		ND(0.760)	ND(0.760)	ND(0.820)	ND(0.730)	NS	ND(0.830)
1-Naphthylamine		ND(0.760)	ND(0.760)	ND(0.820)	ND(0.730)	NS	ND(0.830)
2,3,4,6-Tetrachlorophenol		ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
2,4,5-Trichlorophenol		ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
2,4,6-Trichlorophenol		ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
2,4-Dichlorophenol		ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
2,4-Dimethylphenol		ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
2,4-Dinitrophenol		ND(1.90)	ND(1.90)	ND(2.10)	ND(1.80)	NS	ND(2.10)
2,4-Dinitrotoluene		ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
2,6-Dichlorophenol		ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
2,6-Dinitrotoluene		ND(0.380)	ND(0.380)	ND(0.400)	ND(0.36) J	NS	ND(0.410)
2-Acetylaminofluorene		ND(0.760)	ND(0.760)	ND(0.820)	ND(0.730)	NS	ND(0.830)
2-Chloronaphthalene		ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
2-Chlorophenol		ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
2-Methylnaphthalene		0.200 J	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
2-Methylphenol		0.0810 J	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
2-Naphthylamine		ND(0.760)	ND(0.760)	ND(0.820)	ND(0.730)	NS	ND(0.830)
2-Nitroaniline		0.940 J	ND(1.90)	ND(2.10)	ND(1.80)	NS	ND(2.10)
2-Nitrophenol		ND(0.760)	ND(0.760)	ND(0.820)	ND(0.730)	NS	ND(0.830)
2-Picoline		ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
3&4-Methylphenol		0.0810 J	ND(0.760)	ND(0.820)	ND(0.730)	NS	ND(0.830)
3,3'-Dichlorobenzidine		ND(0.760)	ND(0.76) J	ND(0.820)	ND(0.730)	NS	ND(0.830)
3,3'-Dimethylbenzidine		ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
3-Methylcholanthrene		ND(0.760)	ND(0.760)	ND(0.820)	ND(0.730)	NS	ND(0.830)
3-Nitroaniline		ND(1.90)	ND(1.90)	ND(2.10)	ND(1.80)	NS	ND(2.10)
4,6-Dinitro-2-methylphenol		ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
4-Aminobiphenyl		ND(0.760)	ND(0.760)	ND(0.820)	ND(0.730)	NS	ND(0.830)
4-Bromophenyl-phenylether		ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
4-Chloro-3-Methylphenol		ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
4-Chloroaniline		ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
4-Chlorobenzilate		ND(0.760)	ND(0.760)	ND(0.820)	ND(0.730)	NS	ND(0.830)
4-Chlorophenyl-phenylether		ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
4-Nitroaniline		ND(1.90)	ND(1.90)	ND(2.10)	ND(1.80)	NS	ND(2.10)
4-Nitrophenol		ND(1.90)	ND(1.90)	ND(2.10)	ND(1.80)	NS	ND(2.10)
4-Nitroquinoline-1-oxide		ND(0.760)	ND(0.760)	ND(0.820)	ND(0.730)	NS	ND(0.830)
4-Phenylenediamine		ND(0.76) J	ND(0.76) J	ND(0.82) J	ND(0.73) J	NS	ND(0.83) J
5-Nitro-o-toluidine		ND(0.760)	ND(0.760)	ND(0.820)	ND(0.730)	NS	ND(0.830)
7,12-Dimethylbenz(a)anthracene		ND(0.760)	ND(0.760)	ND(0.820)	ND(0.730)	NS	ND(0.830)
a,a'-Dimethylphenethylamine		ND(0.760)	ND(0.760)	ND(0.820)	ND(0.730)	NS	ND(0.830)
Acenaphthene		ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
Acenaphthylene		ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
Acetophenone		ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
Aniline		5.00	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
Anthracene		ND(0.380)	ND(0.380)	ND(0.400)	0.0900 J	NS	ND(0.410)
Aramite		ND(0.760)	ND(0.760)	ND(0.820)	ND(0.730)	NS	ND(0.830)
Benzidine		ND(0.76)	ND(0.76) J	ND(0.82)	ND(0.73) J	NS	ND(0.83)
Benzo(a)anthracene		ND(0.380)	0.260 J	ND(0.400)	0.560	NS	ND(0.410)
Benzo(a)pyrene		0.120 J	0.310 J	ND(0.40) J	0.900	NS	ND(0.410)
Benzo(b)fluoranthene		0.270 J	0.270 J	ND(0.40) J	0.730	NS	ND(0.410)
Benzo(g,h,i)perylene		ND(0.380)	0.300 J	ND(0.400)	0.630	NS	ND(0.410)
Benzo(k)fluoranthene		0.120 J	0.210 J	ND(0.400)	0.750	NS	ND(0.410)
Benzyl Alcohol		ND(0.760)	ND(0.760)	ND(0.820)	ND(0.730)	NS	ND(0.830)
bis(2-Chloroethoxy)methane		ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
bis(2-Chloroethyl)ether		ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
bis(2-Chloroisopropyl)ether		ND(0.38) J	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.41) J

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4E / RAA4-M23 / 0-1 / 06/14/02	4E / RAA4-M27 / 0-1 / 05/29/02	4E / RAA4-M29 / 1-3 / 06/18/02	4E / RAA4-M30 / 0-1 / 04/22/02	4E / RAA4-N15 / 1-3 / 06/18/02	4E / RAA4-O3 / 1-3 / 06/12/02
Semivolatile Organics (continued)							
bis(2-Ethylhexyl)phthalate		0.580	ND(0.370)	ND(0.400)	0.350 J	NS	ND(0.410)
Butylbenzylphthalate		ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
Chrysene		ND(0.380)	0.300 J	ND(0.400)	0.650	NS	ND(0.410)
Dialate		ND(0.760)	ND(0.760)	ND(0.820)	ND(0.730)	NS	ND(0.830)
Dibenzo(a,h)anthracene		ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
Dibenzofuran		ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
Diethylphthalate		ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
Dimethylphthalate		ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
Di-n-Butylphthalate		ND(0.380)	0.140 J	ND(0.400)	ND(0.360)	NS	ND(0.410)
Di-n-Octylphthalate		ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
Diphenylamine		ND(0.38)	ND(0.38)	ND(0.40)	ND(0.36)	NS	ND(0.41)
Ethyl Methanesulfonate		ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
Fluoranthene		0.270 J	0.460	ND(0.400)	1.30	NS	ND(0.410)
Fluorene		ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
Hexachlorobenzene		ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
Hexachlorobutadiene		ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
Hexachlorocyclopentadiene		ND(0.380)	ND(0.38) J	ND(0.400)	ND(0.360)	NS	ND(0.410)
Hexachloroethane		ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
Hexachlorophene		ND(0.76)	ND(0.76)	ND(0.82)	ND(0.73)	NS	ND(0.83)
Hexachloropropene		ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
Indeno(1,2,3-cd)pyrene		ND(0.380)	0.210 J	ND(0.400)	0.510	NS	ND(0.410)
Isodrin		ND(0.38)	ND(0.38)	ND(0.40)	ND(0.36)	NS	ND(0.41)
Isophorone		ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
Isosafrole		ND(0.760)	ND(0.760)	ND(0.820)	ND(0.730)	NS	ND(0.830)
Methapyrilene		ND(0.760)	ND(0.760)	ND(0.820)	ND(0.730)	NS	ND(0.830)
Methyl Methanesulfonate		ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
Naphthalene		0.130 J	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
Nitrobenzene		ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
N-Nitrosodiethylamine		ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
N-Nitrosodimethylamine		ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
N-Nitroso-di-n-butylamine		ND(0.760)	ND(0.760)	ND(0.820)	ND(0.730)	NS	ND(0.830)
N-Nitroso-di-n-propylamine		ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
N-Nitrosodiphenylamine		ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
N-Nitrosomethylethylamine		ND(0.760)	ND(0.760)	ND(0.820)	ND(0.730)	NS	ND(0.830)
N-Nitrosomorpholine		ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
N-Nitrosopiperidine		ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
N-Nitrosopyrrolidine		ND(0.760)	ND(0.760)	ND(0.820)	ND(0.730)	NS	ND(0.830)
o,o,o-Triethylphosphorothioate		ND(0.38)	ND(0.38)	ND(0.40)	ND(0.36)	NS	ND(0.41)
o-Toluidine		ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
p-Dimethylaminoazobenzene		ND(0.760)	ND(0.760)	ND(0.820)	ND(0.730)	NS	ND(0.830)
Pentachlorobenzene		1.40	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
Pentachloroethane		ND(0.38)	ND(0.38)	ND(0.40)	ND(0.36)	NS	ND(0.41)
Pentachloronitrobenzene		ND(0.760)	ND(0.760)	ND(0.820)	ND(0.730)	NS	ND(0.830)
Pentachlorophenol		ND(1.90)	ND(1.90)	ND(2.10)	ND(1.80)	NS	ND(2.10)
Phenacetin		ND(0.760)	ND(0.760)	ND(0.820)	ND(0.730)	NS	ND(0.830)
Phenanthrene		ND(0.380)	0.160 J	ND(0.400)	0.530	NS	ND(0.410)
Phenol		0.660	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
Pronamide		ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
Pyrene		0.560	0.420 J	ND(0.400)	0.910	NS	ND(0.410)
Pyridine		ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
Safrole		ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
Trifonazin		ND(0.38)	ND(0.38)	ND(0.40)	ND(0.36)	NS	ND(0.41)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4E / RAA4-M23 / 0-1 / 06/14/02	4E / RAA4-M27 / 0-1 / 05/29/02	4E / RAA4-M29 / 1-3 / 06/18/02	4E / RAA4-M30 / 0-1 / 04/22/02	4E / RAA4-N15 / 1-3 / 06/18/02	4E / RAA4-O3 / 1-3 / 06/12/02
Furans							
2,3,7,8-TCDF		0.0050 Y	0.000050 Y	0.00000045 J	0.00023 Y	0.0023 Y	0.00000055 J
TCDFs (total)		0.052 I	0.00049 Q	0.0000017	0.0012 X	0.011 Q	0.0000076
1,2,3,7,8-PeCDF		0.0027	0.000027	0.00000012 J	0.00014	0.0016 Q	0.0000013 J
2,3,4,7,8-PeCDF		0.016	0.00013	0.00000020 J	0.00015	0.0019	0.00000069 J
PeCDFs (total)		0.12 I	0.0015 Q	0.0000011	0.0016 X	0.013 Q	0.000011
1,2,3,4,7,8-HxCDF		0.010	0.000084	0.00000031 J	0.00011	0.0041	0.0000024
1,2,3,6,7,8-HxCDF		0.0059	0.000059	0.00000019 J	0.000053	0.0021	0.0000011 J
1,2,3,7,8,9-HxCDF		0.0019	0.000014 J	ND(0.00000027)	ND(0.000017) X	0.0011	0.00000019 J
2,3,4,6,7,8-HxCDF		0.0089	0.00018	ND(0.00000027)	0.000058	0.0012	0.00000043 J
HxCDFs (total)		0.12	0.0022	0.00000050	0.00078	0.020 I	0.0000092
1,2,3,4,6,7,8-HpCDF		0.0097	0.00018	0.00000029 J	0.000066	0.0031 I	0.0000015 J
1,2,3,4,7,8,9-HpCDF		0.0031	0.000026	R	0.000014	0.0013	0.00000020 J
HpCDFs (total)		0.025	0.00043	0.00000050	0.00015	0.0061 I	0.0000022
OCDF		0.013	0.00015	0.00000040 J	0.000055	0.0031	0.00000051 J
Dioxins							
2,3,7,8-TCDD		0.00012	ND(0.0000016)	ND(0.00000011)	0.0000017	0.000011	ND(0.00000012) X
TCDDs (total)		0.0062	0.0000036 Q	ND(0.00000020)	0.0000086	0.00018	0.000000091
1,2,3,7,8-PeCDD		0.0014	ND(0.000013) X	ND(0.00000027)	0.0000035 J	0.000058	ND(0.00000018) X
PeCDDs (total)		0.018	0.000014	ND(0.00000027)	0.0000071	0.00049 Q	0.00000070
1,2,3,4,7,8-HxCDD		0.00049	0.0000021 J	ND(0.00000027)	0.0000013 J	0.000074	0.00000017 J
1,2,3,6,7,8-HxCDD		0.0018	0.0000023 J	ND(0.00000027)	0.0000015 J	0.000088	0.00000023 J
1,2,3,7,8,9-HxCDD		0.0012	0.0000074 J	ND(0.00000027)	0.0000016 J	0.000077	0.00000011 J
HxCDDs (total)		0.022	0.000046	ND(0.00000037)	0.0000071	0.0013	0.0000013
1,2,3,4,6,7,8-HpCDD		0.0027	0.000026	0.00000049 J	0.0000082	0.00039	0.00000067 J
HpCDDs (total)		0.0064	0.000054	0.00000089	0.000016	0.00081	0.0000012
OCDD		0.0031	0.00038	0.0000033 J	0.000049	0.0012	0.0000026 J
Total TEQs (WHO TEFs)		0.013	0.00012	0.00000047	0.00013	0.0023	0.0000011
Inorganics							
Antimony		ND(6.00)	ND(6.00)	ND(6.00)	1.30 B	NS	ND(6.00)
Arsenic		7.60	2.20	4.20	4.60	NS	4.00
Barium		50.0	ND(20.0)	40.0	20.0	NS	36.0
Beryllium		ND(0.500) J	0.120 B	ND(0.500)	0.160 B	NS	ND(0.500)
Cadmium		1.50	0.140 B	0.100 B	ND(0.500)	NS	ND(0.500)
Chromium		9.80	3.90	7.50	7.20	NS	7.40
Cobalt		ND(5.00)	ND(5.00)	ND(5.00)	5.50	NS	5.40
Copper		130	14.0	21.0	15.0	NS	14.0
Cyanide		0.160	ND(0.110)	ND(0.120)	ND(0.110)	NS	ND(0.120)
Lead		480	6.50	36.0	19.0	NS	8.50 J
Mercury		0.960	ND(0.110)	ND(0.120)	0.024 J	NS	ND(0.120) J
Nickel		8.30	6.80	6.30	9.40	NS	13.0
Selenium		ND(1.00) J	ND(1.00)	ND(1.00)	ND(1.00)	NS	ND(1.00) J
Silver		ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	NS	ND(1.00)
Sulfide		51.0	24.0	30.0	16.0	NS	26.0
Thallium		ND(1.70) J	ND(1.10) J	ND(1.80)	ND(1.00) J	NS	1.40 B
Tin		ND(10.0)	ND(10.0)	ND(5.50)	ND(10.0)	NS	10.0 B
Vanadium		6.20	6.10	8.10	7.20	NS	7.50
Zinc		340	35.0	44.0	100	NS	35.0

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Averaging Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	4E RAA4-O3 6-15 10/18/02	4E RAA4-O3 12-15 10/18/02	4E RAA4-O4 0-1 06/26/02	4E RAA4-O7 0-1 07/03/02	4E RAA4-O7 1-3 07/03/02
Volatile Organics					
1,1,1,2-Tetrachloroethane	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
1,1,1-Trichloroethane	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
1,1,2,2-Tetrachloroethane	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
1,1,2-Trichloroethane	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
1,1-Dichloroethane	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
1,1-Dichloroethene	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
1,2,3-Trichloropropane	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
1,2-Dibromo-3-chloropropane	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
1,2-Dibromoethane	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
1,2-Dichloroethane	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
1,2-Dichloropropane	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
1,4-Dioxane	NS	ND(0.15)	ND(0.10) J	ND(0.10)	ND(0.10)
2-Butanone	NS	ND(0.015)	ND(0.010)	ND(0.010)	ND(0.010)
2-Chloro-1,3-butadiene	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
2-Chloroethylvinylether	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
2-Hexanone	NS	ND(0.015)	ND(0.010)	ND(0.010)	ND(0.010)
3-Chloropropene	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
4-Methyl-2-pentanone	NS	ND(0.015)	ND(0.010)	ND(0.010)	ND(0.010)
Acetone	NS	ND(0.031)	ND(0.020)	ND(0.021)	ND(0.021)
Acetonitrile	NS	ND(0.15)	ND(0.10)	ND(0.10)	ND(0.10)
Acrolein	NS	ND(0.15) J	ND(0.10) J	ND(0.10)	ND(0.10)
Acrylonitrile	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
Benzene	NS	ND(0.00770)	ND(0.00510)	ND(0.0053)	ND(0.0052)
Bromodichloromethane	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
Bromoform	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
Bromomethane	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
Carbon Disulfide	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
Carbon Tetrachloride	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
Chlorobenzene	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
Chloroethane	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
Chloroform	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
Chloromethane	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
cis-1,3-Dichloropropene	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
Dibromochloromethane	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
Dibromomethane	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
Dichlorodifluoromethane	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
Ethyl Methacrylate	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
Ethylbenzene	NS	ND(0.00770)	ND(0.00510)	ND(0.0053)	ND(0.0052)
Iodomethane	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
Isobutanol	NS	ND(0.15)	ND(0.10)	ND(0.10)	ND(0.10)
Methacrylonitrile	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
Methyl Methacrylate	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
Methylene Chloride	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
Propionitrile	NS	ND(0.015)	ND(0.010)	ND(0.010)	ND(0.010)
Styrene	NS	ND(0.00770)	ND(0.00510)	ND(0.0053)	ND(0.0052)
Tetrachloroethene	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
Toluene	NS	ND(0.00770)	ND(0.00510)	ND(0.0053)	0.0075
trans-1,2-Dichloroethene	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
trans-1,3-Dichloropropene	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
trans-1,4-Dichloro-2-butene	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
Trichloroethene	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
Trichlorofluoromethane	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
Vinyl Acetate	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
Vinyl Chloride	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
Xylenes (total)	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4E RAA4-O3 6-15 10/18/02	4E RAA4-O3 12-15 10/18/02	4E RAA4-O4 0-1 06/26/02	4E RAA4-O7 0-1 07/03/02	4E RAA4-O7 1-3 07/03/02
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
1,2,4-Trichlorobenzene		ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
1,2-Dichlorobenzene		ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
1,2-Diphenylhydrazine		ND(0.51)	NS	ND(0.38)	ND(0.35)	ND(0.35)
1,3,5-Trinitrobenzene		ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
1,3-Dichlorobenzene		ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
1,3-Dinitrobenzene		ND(1.00)	NS	ND(0.690)	ND(0.710)	ND(0.700)
1,4-Dichlorobenzene		ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
1,4-Naphthoquinone		ND(1.00)	NS	ND(0.690)	ND(0.710)	ND(0.700)
1-Naphthylamine		ND(1.00)	NS	ND(0.690)	ND(0.710)	ND(0.700)
2,3,4,6-Tetrachlorophenol		ND(0.510)	NS	ND(0.380)	R	ND(0.350)
2,4,5-Trichlorophenol		ND(0.510)	NS	ND(0.380)	R	ND(0.350)
2,4,6-Trichlorophenol		ND(0.510)	NS	ND(0.380)	R	ND(0.350)
2,4-Dichlorophenol		ND(0.510)	NS	ND(0.380)	R	ND(0.350)
2,4-Dimethylphenol		ND(0.510)	NS	ND(0.380)	R	ND(0.350)
2,4-Dinitrophenol		ND(2.60)	NS	ND(1.90)	R	ND(1.80)
2,4-Dinitrotoluene		ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
2,6-Dichlorophenol		ND(0.510)	NS	ND(0.380)	R	ND(0.350)
2,6-Dinitrotoluene		ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
2-Acetylaminofluorene		ND(1.00)	NS	ND(0.690)	ND(0.710)	ND(0.700)
2-Chloronaphthalene		ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
2-Chlorophenol		ND(0.510)	NS	ND(0.380)	R	ND(0.350)
2-Methylnaphthalene		ND(0.510)	NS	0.0840 J	ND(0.350)	ND(0.350)
2-Methylphenol		ND(0.510)	NS	ND(0.380)	R	ND(0.350)
2-Naphthylamine		ND(1.00)	NS	ND(0.690)	ND(0.710)	ND(0.700)
2-Nitroaniline		ND(2.60)	NS	ND(1.90)	ND(1.80)	ND(1.80)
2-Nitrophenol		ND(1.00)	NS	ND(0.690)	R	ND(0.700)
2-Picoline		ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
3&4-Methylphenol		ND(1.00)	NS	ND(0.690)	R	ND(0.700)
3,3'-Dichlorobenzidine		ND(1.00)	NS	ND(0.76) J	ND(0.71) J	ND(0.70) J
3,3'-Dimethylbenzidine		ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
3-Methylcholanthrene		ND(1.00)	NS	ND(0.690)	ND(0.710)	ND(0.35) J
3-Nitroaniline		ND(2.60)	NS	ND(1.90)	ND(1.80)	ND(1.80)
4,6-Dinitro-2-methylphenol		ND(0.510)	NS	ND(0.380)	R	ND(0.350)
4-Aminobiphenyl		ND(1.00)	NS	ND(0.690)	ND(0.710)	ND(0.700)
4-Bromophenyl-phenylether		ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
4-Chloro-3-Methylphenol		ND(0.510)	NS	ND(0.380)	R	ND(0.350)
4-Chloroaniline		ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
4-Chlorobenzilate		ND(1.00)	NS	ND(0.690)	ND(0.710)	ND(0.700)
4-Chlorophenyl-phenylether		ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
4-Nitroaniline		ND(2.60)	NS	ND(1.80)	ND(1.80)	ND(1.80)
4-Nitrophenol		ND(2.60)	NS	ND(1.90)	R	ND(1.80)
4-Nitroquinoline-1-oxide		ND(1.00)	NS	ND(0.690)	ND(0.710)	ND(0.700)
4-Phenylenediamine		ND(1.0) J	NS	ND(0.69) J	ND(0.71) J	ND(0.70) J
5-Nitro-o-toluidine		ND(1.00)	NS	ND(0.690)	ND(0.710)	ND(0.700)
7,12-Dimethylbenz(a)anthracene		ND(1.00)	NS	ND(0.690)	ND(0.710)	ND(0.35) J
a,a'-Dimethylphenethylamine		ND(1.00)	NS	ND(0.690)	ND(0.710)	ND(0.700)
Acenaphthene		ND(0.510)	NS	0.170 J	ND(0.350)	ND(0.350)
Acenaphthylene		ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
Acetophenone		ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
Aniline		ND(0.510)	NS	5.80	0.420	3.10
Anthracene		ND(0.510)	NS	0.410	ND(0.350)	ND(0.350)
Aramite		ND(1.00)	NS	ND(0.690)	ND(0.710)	ND(0.700)
Benzidine		ND(1.0)	NS	ND(0.76) J	ND(0.71) J	ND(0.70) J
Benzo(a)anthracene		ND(0.510)	NS	1.40	0.0800 J	ND(0.350)
Benzo(a)pyrene		ND(0.510)	NS	1.20	0.0860 J	ND(0.70) J
Benzo(b)fluoranthene		ND(0.510)	NS	1.40	0.120 J	ND(0.70) J
Benzo(g,h,i)perylene		ND(0.510)	NS	0.930	ND(0.350)	ND(0.35) J
Benzo(k)fluoranthene		ND(0.510)	NS	1.10	0.0770 J	ND(0.35) J
Benzyl Alcohol		ND(1.00)	NS	ND(0.760)	R	ND(0.700)
bis(2-Chloroethoxy)methane		ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
bis(2-Chloroethyl)ether		ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
bis(2-Chloroisopropyl)ether		ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Averaging Area:	4E	4E	4E	4E	4E
Sample ID:	RAA4-O3	RAA4-O3	RAA4-O4	RAA4-O7	RAA4-O7
Sample Depth(Feet):	6-15	12-15	0-1	0-1	1-3
Date Collected:	10/18/02	10/18/02	06/26/02	07/03/02	07/03/02
Semivolatile Organics (continued)					
bis(2-Ethylhexyl)phthalate	ND(0.510)	NS	ND(0.340)	ND(0.350)	ND(0.350)
Butylbenzylphthalate	ND(0.51) J	NS	ND(0.380)	ND(0.350)	ND(0.350)
Chrysene	ND(0.510)	NS	1.50	0.200 J	0.130 J
Diallate	ND(1.00)	NS	ND(0.690)	ND(0.710)	ND(0.700)
Dibenzo(a,h)anthracene	ND(0.510)	NS	0.460	ND(0.350)	ND(0.35) J
Dibenzofuran	ND(0.510)	NS	0.0890 J	ND(0.350)	ND(0.350)
Diethylphthalate	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
Dimethylphthalate	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
Di-n-Butylphthalate	ND(0.510)	NS	0.240 J	ND(0.350)	0.130 J
Di-n-Octylphthalate	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.35) J
Diphenylamine	ND(0.51)	NS	ND(0.38)	ND(0.35)	ND(0.35)
Ethyl Methanesulfonate	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
Fluoranthene	ND(0.510)	NS	1.80	0.260 J	0.190 J
Fluorene	ND(0.510)	NS	0.130 J	ND(0.350)	ND(0.350)
Hexachlorobenzene	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
Hexachlorobutadiene	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
Hexachlorocyclopentadiene	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
Hexachloroethane	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
Hexachlorophene	ND(1.0) J	NS	ND(0.76)	ND(0.71)	ND(0.70)
Hexachloropropene	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
Indeno(1,2,3-cd)pyrene	ND(0.510)	NS	0.780	ND(0.350)	ND(0.35) J
Isodrin	ND(0.51)	NS	ND(0.38)	ND(0.35)	ND(0.35)
Isophorone	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
Isosafrole	ND(1.00)	NS	ND(0.690)	ND(0.710)	ND(0.700)
Methapyrilene	ND(1.00)	NS	ND(0.690)	ND(0.710)	ND(0.700)
Methyl Methanesulfonate	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
Naphthalene	ND(0.510)	NS	0.160 J	ND(0.350)	ND(0.350)
Nitrobenzene	ND(0.510)	NS	ND(0.380)	ND(0.350)	0.0950 J
N-Nitrosodiethylamine	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
N-Nitrosodimethylamine	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
N-Nitroso-di-n-butylamine	ND(1.00)	NS	ND(0.690)	ND(0.710)	ND(0.700)
N-Nitroso-di-n-propylamine	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
N-Nitrosodiphenylamine	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
N-Nitrosomethylethylamine	ND(1.00)	NS	ND(0.690)	ND(0.710)	ND(0.700)
N-Nitrosomorpholine	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
N-Nitrosopiperidine	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
N-Nitrosopyrrolidine	ND(1.00)	NS	ND(0.690)	ND(0.710)	ND(0.700)
o,o,o-Triethylphosphorothioate	ND(0.51)	NS	ND(0.38)	ND(0.35)	ND(0.35)
o-Toluidine	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
p-Dimethylaminoazobenzene	ND(1.00)	NS	ND(0.690)	ND(0.710)	ND(0.700)
Pentachlorobenzene	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
Pentachloroethane	ND(0.51)	NS	ND(0.38)	ND(0.35)	ND(0.35)
Pentachloronitrobenzene	ND(1.00)	NS	ND(0.690)	ND(0.710)	ND(0.700)
Pentachlorophenol	ND(2.60)	NS	ND(1.90)	R	ND(1.80)
Phenacetin	ND(1.00)	NS	ND(0.690)	ND(0.710)	ND(0.700)
Phenanthrene	ND(0.510)	NS	1.80	0.220 J	0.220 J
Phenol	ND(0.510)	NS	0.240 J	R	2.50
Pronamide	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
Pyrene	ND(0.510)	NS	3.10	0.240 J	0.240 J
Pyridine	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
Safrole	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
Thionazin	ND(0.51)	NS	ND(0.38)	ND(0.35)	ND(0.35)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:					
	Averaging Area:	4E	4E	4E	4E	4E
	Sample ID:	RAA4-O3	RAA4-O3	RAA4-O4	RAA4-O7	RAA4-O7
	Sample Depth(Feet):	6-15	12-15	0-1	0-1	1-3
Parameter	Date Collected:	10/18/02	10/18/02	06/26/02	07/03/02	07/03/02
Furans						
2,3,7,8-TCDF		ND(0.0000021)	NS	0.0000016 Y	0.0000029 Y	0.0000078 Y
TCDFs (total)		0.0000042	NS	0.000031	0.000031	0.00010 I
1,2,3,7,8-PeCDF		ND(0.0000026)	NS	0.0000061	0.0000014 J	0.0000046
2,3,4,7,8-PeCDF		ND(0.0000026)	NS	0.0000026	0.0000021 J	0.0000047
PeCDFs (total)		0.0000034	NS	0.000032 I	0.000024	0.000072 QI
1,2,3,4,7,8-HxCDF		ND(0.0000026)	NS	0.0000044	0.0000022 J	0.0000069
1,2,3,6,7,8-HxCDF		ND(0.0000026)	NS	0.0000018 J	0.0000012 J	0.0000036
1,2,3,7,8,9-HxCDF		ND(0.0000026)	NS	0.00000078 J	0.00000042 J	0.0000010 J
2,3,4,6,7,8-HxCDF		ND(0.0000026)	NS	0.0000041	0.0000015 J	0.0000034
HxCDFs (total)		0.0000031	NS	0.000056	0.000018	0.000046
1,2,3,4,6,7,8-HpCDF		0.0000020 J	NS	0.0000048	0.0000044	0.000014
1,2,3,4,7,8,9-HpCDF		ND(0.0000026)	NS	0.0000011 J	0.00000049 J	0.0000016 J
HpCDFs (total)		0.0000020	NS	0.000013	0.0000083	0.000022
OCDF		0.0000032 J	NS	0.0000024 J	0.0000045 J	0.000012
Dioxins						
2,3,7,8-TCDD		ND(0.0000024)	NS	ND(0.00000018)	ND(0.00000022) X	ND(0.00000029) X
TCDDs (total)		ND(0.0000028)	NS	0.00000034	0.0000038	0.000016
1,2,3,7,8-PeCDD		ND(0.0000026)	NS	ND(0.00000058) X	ND(0.00000032) X	0.0000013 J
PeCDDs (total)		ND(0.0000042)	NS	0.0000012	0.0000056	0.000019 Q
1,2,3,4,7,8-HxCDD		ND(0.0000026)	NS	0.00000055 J	0.00000046 J	0.0000017 J
1,2,3,6,7,8-HxCDD		ND(0.0000026)	NS	0.00000052 J	0.00000094 J	0.0000030
1,2,3,7,8,9-HxCDD		ND(0.0000026)	NS	ND(0.00000035) X	0.00000065 J	0.0000020 J
HxCDDs (total)		ND(0.0000046)	NS	0.0000061	0.000012	0.000044
1,2,3,4,6,7,8-HpCDD		0.0000039 J	NS	0.0000040	0.000016	0.000025
HpCDDs (total)		0.0000039	NS	0.0000083	0.000028	0.000052
OCDD		0.000022 J	NS	0.000015	0.00013	0.00026
Total TEQs (WHO TEFs)		0.0000043	NS	0.0000035	0.0000026	0.0000074
Inorganics						
Antimony		ND(6.00)	NS	ND(6.00) J	1.20 B	0.860 B
Arsenic		10.0	NS	3.10	7.70	8.50
Barium		41.0	NS	28.0 J	52.0	62.0
Beryllium		ND(0.500)	NS	ND(0.500)	ND(0.500)	ND(0.500)
Cadmium		1.10	NS	ND(0.500)	ND(0.500)	ND(0.500)
Chromium		13.0	NS	4.00	14.0	13.0
Cobalt		10.0	NS	6.20	ND(5.00)	ND(5.00)
Copper		35.0	NS	12.0 J	83.0	70.0
Cyanide		ND(0.150)	NS	ND(0.100)	0.200	ND(0.210)
Lead		16.0	NS	4.90	67.0	66.0
Mercury		0.060 J	NS	ND(0.100)	0.0370 B	0.0230 B
Nickel		21.0	NS	8.70	15.0	27.0
Selenium		ND(1.20)	NS	ND(1.00) J	ND(1.00)	ND(1.00)
Silver		ND(1.20)	NS	0.440 B	ND(1.00)	ND(1.00)
Sulfide		15.0	NS	20.0 J	51.0	45.0
Thallium		ND(2.3) J	NS	ND(1.50) J	3.30	1.60
Tin		ND(12.0)	NS	ND(10.0)	ND(10.0)	ND(10.0)
Vanadium		15.0	NS	5.20 J	16.0	15.0
Zinc		200 J	NS	26.0	41.0	110

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:			
	4E / RAA4-O9 / 0-1 / 06/12/02	4E / RAA4-O9 / 3-6 / 06/12/02	4E / RAA4-O13 / 0-1 / 06/12/02	4E / RAA4-O13 / 3-6 / 06/12/02
Volatile Organics				
1,1,1,2-Tetrachloroethane	ND(0.0056)	NS	ND(0.0057)	NS
1,1,1-Trichloroethane	ND(0.0056)	NS	ND(0.0057)	NS
1,1,2,2-Tetrachloroethane	ND(0.0056) J	NS	ND(0.0057) J	NS
1,1,2-Trichloroethane	ND(0.0056)	NS	ND(0.0057)	NS
1,1-Dichloroethane	ND(0.0056)	NS	ND(0.0057)	NS
1,1-Dichloroethene	ND(0.0056)	NS	ND(0.0057)	NS
1,2,3-Trichloropropane	ND(0.0056)	NS	ND(0.0057)	NS
1,2-Dibromo-3-chloropropane	ND(0.0056) J	NS	ND(0.0057) J	NS
1,2-Dibromoethane	ND(0.0056)	NS	ND(0.0057)	NS
1,2-Dichloroethane	ND(0.0056)	NS	ND(0.0057)	NS
1,2-Dichloropropane	ND(0.0056)	NS	ND(0.0057)	NS
1,4-Dioxane	ND(0.11) J	NS	ND(0.11) J	NS
2-Butanone	ND(0.011)	NS	ND(0.011)	NS
2-Chloro-1,3-butadiene	ND(0.0056)	NS	ND(0.0057)	NS
2-Chloroethylvinylether	ND(0.0056)	NS	ND(0.0057)	NS
2-Hexanone	ND(0.011)	NS	ND(0.011)	NS
3-Chloropropene	ND(0.0056)	NS	ND(0.0057)	NS
4-Methyl-2-pentanone	ND(0.011)	NS	ND(0.011)	NS
Acetone	ND(0.022)	NS	ND(0.023)	NS
Acetonitrile	ND(0.11)	NS	ND(0.11)	NS
Acrolein	ND(0.11)	NS	ND(0.11)	NS
Acrylonitrile	ND(0.0056)	NS	ND(0.0057)	NS
Benzene	ND(0.00560)	NS	ND(0.00570)	NS
Bromodichloromethane	ND(0.0056)	NS	ND(0.0057)	NS
Bromoform	ND(0.0056)	NS	ND(0.0057)	NS
Bromomethane	ND(0.0056)	NS	ND(0.0057)	NS
Carbon Disulfide	ND(0.0056)	NS	ND(0.0057)	NS
Carbon Tetrachloride	ND(0.0056)	NS	ND(0.0057)	NS
Chlorobenzene	ND(0.0056)	NS	ND(0.0057)	NS
Chloroethane	ND(0.0056)	NS	ND(0.0057)	NS
Chloroform	ND(0.0056)	NS	ND(0.0057)	NS
Chloromethane	ND(0.0056)	NS	ND(0.0057)	NS
cis-1,3-Dichloropropene	ND(0.0056)	NS	ND(0.0057)	NS
Dibromochloromethane	ND(0.0056)	NS	ND(0.0057)	NS
Dibromomethane	ND(0.0056)	NS	ND(0.0057)	NS
Dichlorodifluoromethane	ND(0.0056)	NS	ND(0.0057)	NS
Ethyl Methacrylate	ND(0.0056)	NS	ND(0.0057)	NS
Ethylbenzene	ND(0.00560)	NS	ND(0.00570)	NS
Iodomethane	ND(0.0056)	NS	ND(0.0057)	NS
Isobutanol	ND(0.11)	NS	ND(0.11)	NS
Methacrylonitrile	ND(0.0056)	NS	ND(0.0057)	NS
Methyl Methacrylate	ND(0.0056)	NS	ND(0.0057)	NS
Methylene Chloride	ND(0.0056)	NS	ND(0.0057)	NS
Propionitrile	ND(0.011) J	NS	ND(0.011) J	NS
Styrene	ND(0.00560)	NS	ND(0.00570)	NS
Tetrachloroethene	ND(0.0056)	NS	ND(0.0057)	NS
Toluene	ND(0.00560)	NS	ND(0.00570)	NS
trans-1,2-Dichloroethene	ND(0.0056)	NS	ND(0.0057)	NS
trans-1,3-Dichloropropene	ND(0.0056)	NS	ND(0.0057)	NS
trans-1,4-Dichloro-2-butene	ND(0.0056)	NS	ND(0.0057)	NS
Trichloroethene	ND(0.0056)	NS	ND(0.0057)	NS
Trichlorofluoromethane	ND(0.0056)	NS	ND(0.0057)	NS
Vinyl Acetate	ND(0.0056)	NS	ND(0.0057)	NS
Vinyl Chloride	ND(0.0056)	NS	ND(0.0057)	NS
Xylenes (total)	ND(0.0056)	NS	ND(0.0057)	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4E / RAA4-O9 / 0-1 / 06/12/02	4E / RAA4-O9 / 3-6 / 06/12/02	4E / RAA4-O13 / 0-1 / 06/12/02	4E / RAA4-O13 / 3-6 / 06/12/02
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		ND(0.370)	NS	ND(0.380)	NS
1,2,4-Trichlorobenzene		ND(0.370)	NS	ND(0.380)	NS
1,2-Dichlorobenzene		ND(0.370)	NS	ND(0.380)	NS
1,2-Diphenylhydrazine		ND(0.37)	NS	ND(0.38)	NS
1,3,5-Trinitrobenzene		ND(0.370)	NS	ND(0.380)	NS
1,3-Dichlorobenzene		ND(0.370)	NS	ND(0.380)	NS
1,3-Dinitrobenzene		ND(0.750)	NS	ND(0.760)	NS
1,4-Dichlorobenzene		ND(0.370)	NS	ND(0.380)	NS
1,4-Naphthoquinone		ND(0.750)	NS	ND(0.760)	NS
1-Naphthylamine		ND(0.750)	NS	ND(0.760)	NS
2,3,4,6-Tetrachlorophenol		ND(0.370)	NS	ND(0.380)	NS
2,4,5-Trichlorophenol		ND(0.370)	NS	ND(0.380)	NS
2,4,6-Trichlorophenol		ND(0.370)	NS	ND(0.380)	NS
2,4-Dichlorophenol		ND(0.370)	NS	ND(0.380)	NS
2,4-Dimethylphenol		ND(0.370)	NS	ND(0.380)	NS
2,4-Dinitrophenol		ND(1.90)	NS	ND(1.90)	NS
2,4-Dinitrotoluene		ND(0.370)	NS	ND(0.380)	NS
2,6-Dichlorophenol		ND(0.370)	NS	ND(0.380)	NS
2,6-Dinitrotoluene		ND(0.370)	NS	ND(0.380)	NS
2-Acetylaminofluorene		ND(0.750)	NS	ND(0.760)	NS
2-Chloronaphthalene		ND(0.370)	NS	ND(0.380)	NS
2-Chlorophenol		ND(0.370)	NS	ND(0.380)	NS
2-Methylnaphthalene		ND(0.370)	NS	ND(0.380)	NS
2-Methylphenol		ND(0.370)	NS	ND(0.380)	NS
2-Naphthylamine		ND(0.750)	NS	ND(0.760)	NS
2-Nitroaniline		ND(1.90)	NS	ND(1.90)	NS
2-Nitrophenol		ND(0.750)	NS	ND(0.760)	NS
2-Picoline		ND(0.370)	NS	ND(0.380)	NS
3&4-Methylphenol		ND(0.750)	NS	ND(0.760)	NS
3,3'-Dichlorobenzidine		ND(0.750)	NS	ND(0.760)	NS
3,3'-Dimethylbenzidine		ND(0.370)	NS	ND(0.380)	NS
3-Methylcholanthrene		ND(0.750)	NS	ND(0.760)	NS
3-Nitroaniline		ND(1.90)	NS	ND(1.90)	NS
4,6-Dinitro-2-methylphenol		ND(0.370)	NS	ND(0.380)	NS
4-Aminobiphenyl		ND(0.750)	NS	ND(0.760)	NS
4-Bromophenyl-phenylether		ND(0.370)	NS	ND(0.380)	NS
4-Chloro-3-Methylphenol		ND(0.370)	NS	ND(0.380)	NS
4-Chloroaniline		ND(0.370)	NS	ND(0.380)	NS
4-Chlorobenzilate		ND(0.750)	NS	ND(0.760)	NS
4-Chlorophenyl-phenylether		ND(0.370)	NS	ND(0.380)	NS
4-Nitroaniline		ND(1.90)	NS	ND(1.90)	NS
4-Nitrophenol		ND(1.90)	NS	ND(1.90)	NS
4-Nitroquinoline-1-oxide		ND(0.750)	NS	ND(0.760)	NS
4-Phenylenediamine		ND(0.75) J	NS	ND(0.76) J	NS
5-Nitro-o-toluidine		ND(0.750)	NS	ND(0.760)	NS
7,12-Dimethylbenz(a)anthracene		ND(0.750)	NS	ND(0.760)	NS
a,a'-Dimethylphenethylamine		ND(0.750)	NS	ND(0.760)	NS
Acenaphthene		ND(0.370)	NS	ND(0.380)	NS
Acenaphthylene		ND(0.370)	NS	ND(0.380)	NS
Acetophenone		ND(0.370)	NS	ND(0.380)	NS
Aniline		ND(0.370)	NS	0.860	NS
Anthracene		ND(0.370)	NS	0.210 J	NS
Aramite		ND(0.750)	NS	ND(0.760)	NS
Benzidine		ND(0.75)	NS	ND(0.76)	NS
Benzo(a)anthracene		0.420	NS	0.960	NS
Benzo(a)pyrene		0.490	NS	1.00	NS
Benzo(b)fluoranthene		1.50	NS	1.20	NS
Benzo(g,h,i)perylene		0.950	NS	0.800	NS
Benzo(k)fluoranthene		0.750	NS	0.810	NS
Benzyl Alcohol		ND(0.750)	NS	ND(0.760)	NS
bis(2-Chloroethoxy)methane		ND(0.370)	NS	ND(0.380)	NS
bis(2-Chloroethyl)ether		ND(0.370)	NS	ND(0.380)	NS
bis(2-Chloroisopropyl)ether		ND(0.37) J	NS	ND(0.38) J	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:			
	4E / RAA4-O9 / 0-1 / 06/12/02	4E / RAA4-O9 / 3-6 / 06/12/02	4E / RAA4-O13 / 0-1 / 06/12/02	4E / RAA4-O13 / 3-6 / 06/12/02
Semivolatile Organics (continued)				
bis(2-Ethylhexyl)phthalate	ND(0.370)	NS	ND(0.380)	NS
Butylbenzylphthalate	ND(0.370)	NS	ND(0.380)	NS
Chrysene	0.870	NS	1.00	NS
Diallate	ND(0.750)	NS	ND(0.760)	NS
Dibenzo(a,h)anthracene	0.370 J	NS	0.260 J	NS
Dibenzofuran	ND(0.370)	NS	ND(0.380)	NS
Diethylphthalate	ND(0.370)	NS	ND(0.380)	NS
Dimethylphthalate	ND(0.370)	NS	ND(0.380)	NS
Di-n-Butylphthalate	ND(0.370)	NS	0.180 J	NS
Di-n-Octylphthalate	ND(0.370)	NS	ND(0.380)	NS
Diphenylamine	ND(0.37)	NS	ND(0.38)	NS
Ethyl Methanesulfonate	ND(0.370)	NS	ND(0.380)	NS
Fluoranthene	0.630	NS	1.80	NS
Fluorene	ND(0.370)	NS	ND(0.380)	NS
Hexachlorobenzene	ND(0.370)	NS	ND(0.380)	NS
Hexachlorobutadiene	ND(0.370)	NS	ND(0.380)	NS
Hexachlorocyclopentadiene	ND(0.370)	NS	ND(0.380)	NS
Hexachloroethane	ND(0.370)	NS	ND(0.380)	NS
Hexachlorophene	ND(0.75)	NS	ND(0.76)	NS
Hexachloropropene	ND(0.370)	NS	ND(0.380)	NS
Indeno(1,2,3-cd)pyrene	0.740	NS	0.610	NS
Isodrin	ND(0.37)	NS	ND(0.38)	NS
Isophorone	ND(0.370)	NS	ND(0.380)	NS
Isosafrole	ND(0.750)	NS	ND(0.760)	NS
Methapyrilene	ND(0.750)	NS	ND(0.760)	NS
Methyl Methanesulfonate	ND(0.370)	NS	ND(0.380)	NS
Naphthalene	ND(0.370)	NS	ND(0.380)	NS
Nitrobenzene	ND(0.370)	NS	ND(0.380)	NS
N-Nitrosodiethylamine	ND(0.370)	NS	ND(0.380)	NS
N-Nitrosodimethylamine	ND(0.370)	NS	ND(0.380)	NS
N-Nitroso-di-n-butylamine	ND(0.750)	NS	ND(0.760)	NS
N-Nitroso-di-n-propylamine	ND(0.370)	NS	ND(0.380)	NS
N-Nitrosodiphenylamine	ND(0.370)	NS	ND(0.380)	NS
N-Nitrosomethylethylamine	ND(0.750)	NS	ND(0.760)	NS
N-Nitrosomorpholine	ND(0.370)	NS	ND(0.380)	NS
N-Nitrosopiperidine	ND(0.370)	NS	ND(0.380)	NS
N-Nitrosopyrrolidine	ND(0.750)	NS	ND(0.760)	NS
o,o,o-Triethylphosphorothioate	ND(0.37)	NS	ND(0.38)	NS
o-Toluidine	ND(0.370)	NS	ND(0.380)	NS
p-Dimethylaminoazobenzene	ND(0.750)	NS	ND(0.760)	NS
Pentachlorobenzene	ND(0.370)	NS	ND(0.380)	NS
Pentachloroethane	ND(0.37)	NS	ND(0.38)	NS
Pentachloronitrobenzene	ND(0.750)	NS	ND(0.760)	NS
Pentachlorophenol	ND(1.90)	NS	ND(1.90)	NS
Phenacetin	ND(0.750)	NS	ND(0.760)	NS
Phenanthrene	0.180 J	NS	1.00	NS
Phenol	ND(0.370)	NS	ND(0.380)	NS
Pronamide	ND(0.370)	NS	ND(0.380)	NS
Pyrene	0.430	NS	1.60	NS
Pyridine	ND(0.370)	NS	ND(0.380)	NS
Safrole	ND(0.370)	NS	ND(0.380)	NS
Thionazin	ND(0.37)	NS	ND(0.38)	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4E / RAA4-O9 / 0-1 / 06/12/02	4E / RAA4-O9 / 3-6 / 06/12/02	4E / RAA4-O13 / 0-1 / 06/12/02	4E / RAA4-O13 / 3-6 / 06/12/02
Furans					
2,3,7,8-TCDF		0.000017 Y	ND(0.00000011)	0.0000022 Y	0.00000091 J
TCDFs (total)		0.00048	0.00000077 Q	0.000021	0.000012 Q
1,2,3,7,8-PeCDF		0.0000064	ND(0.00000022)	0.0000020 J	0.00000083 J
2,3,4,7,8-PeCDF		0.000080	0.00000019 J	0.0000025	0.0000018 J
PeCDFs (total)		0.0012 I	0.0000015 Q	0.000028	0.000014 QI
1,2,3,4,7,8-HxCDF		0.000013	0.00000012 J	0.0000038	0.0000013 J
1,2,3,6,7,8-HxCDF		0.000018	0.00000012 J	0.0000021 J	0.00000084 J
1,2,3,7,8,9-HxCDF		0.0000044	ND(0.00000022)	0.00000082 J	0.00000036 J
2,3,4,6,7,8-HxCDF		0.000059	0.00000017 J	0.0000015 J	0.00000098 J
HxCDFs (total)		0.00082	0.0000014	0.000022	0.0000086
1,2,3,4,6,7,8-HpCDF		0.000032	0.00000026 J	0.0000023	0.0000027
1,2,3,4,7,8,9-HpCDF		0.0000026	ND(0.00000022)	0.00000088 J	ND(0.00000039) X
HpCDFs (total)		0.000084	0.00000026	0.0000047	0.0000027
OCDF		0.000013	ND(0.00000045)	0.0000021 J	0.0000020 J
Dioxins					
2,3,7,8-TCDD		ND(0.00000022) X	ND(0.000000090)	ND(0.000000089)	ND(0.00000013) X
TCDDs (total)		0.0000040	0.00000082	0.00000012	0.0000016
1,2,3,7,8-PeCDD		0.0000010 J	0.00000020 J	ND(0.00000022)	0.00000025 J
PeCDDs (total)		0.000015	0.0000036	ND(0.00000033)	0.0000030 Q
1,2,3,4,7,8-HxCDD		0.00000067 J	0.00000032 J	0.000000071 J	0.00000023 J
1,2,3,6,7,8-HxCDD		0.0000015 J	0.00000040 J	0.00000010 J	0.00000034 J
1,2,3,7,8,9-HxCDD		0.0000011 J	0.00000066 J	ND(0.000000092) X	0.00000026 J
HxCDDs (total)		0.000022	0.0000094	0.00000017	0.0000031
1,2,3,4,6,7,8-HpCDD		0.000012	0.0000090	0.00000064 J	0.0000017 J
HpCDDs (total)		0.000026	0.000023	0.0000012	0.0000031
OCDD		0.000085	0.00037	0.0000026 J	0.0000053
Total TEQs (WHO TEFs)		0.000053	0.00000067	0.0000026	0.0000018
Inorganics					
Antimony		ND(6.00)	NS	ND(6.00)	NS
Arsenic		5.30	NS	3.20	NS
Barium		40.0	NS	24.0	NS
Beryllium		ND(0.500)	NS	ND(0.500)	NS
Cadmium		ND(0.500)	NS	ND(0.500)	NS
Chromium		10.0	NS	8.00	NS
Cobalt		6.40	NS	6.50	NS
Copper		36.0	NS	11.0	NS
Cyanide		ND(0.110)	NS	ND(0.110)	NS
Lead		40.0	NS	7.10 J	NS
Mercury		ND(0.110) J	NS	ND(0.110) J	NS
Nickel		7.70	NS	14.0	NS
Selenium		ND(1.00) J	NS	ND(1.00) J	NS
Silver		ND(1.00)	NS	ND(1.00)	NS
Sulfide		63.0	NS	31.0	NS
Thallium		1.50 B	NS	1.20 B	NS
Tin		ND(10.0)	NS	ND(3.70)	NS
Vanadium		17.0	NS	7.30	NS
Zinc		110	NS	35.0	NS

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:					
	Averaging Area:	4E	4E	4E	4E	4E
	Sample ID:	RAA4-O15	RAA4-O16	RAA4-O19	RAA4-O25	RAA4-O25
	Sample Depth(Feet):	6-15	0-1	1-3	0-1	3-6
Parameter	Date Collected:	06/14/02	06/26/02	06/27/02	06/14/02	06/14/02
Volatile Organics						
1,1,1,2-Tetrachloroethane		NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
1,1,1-Trichloroethane		NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
1,1,2,2-Tetrachloroethane		NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
1,1,2-Trichloroethane		NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
1,1-Dichloroethane		NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
1,1-Dichloroethene		NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
1,2,3-Trichloropropane		NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
1,2-Dibromo-3-chloropropane		NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
1,2-Dibromoethane		NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
1,2-Dichloroethane		NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
1,2-Dichloropropane		NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
1,4-Dioxane		NS	ND(0.11) J	ND(0.11)	ND(0.11) J	ND(0.29) J
2-Butanone		NS	ND(0.011)	0.018	ND(0.011)	ND(0.029)
2-Chloro-1,3-butadiene		NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
2-Chloroethylvinylether		NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
2-Hexanone		NS	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.059)
3-Chloropropene		NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
4-Methyl-2-pentanone		NS	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.059)
Acetone		NS	ND(0.022)	0.088	ND(0.023) J	0.26
Acetonitrile		NS	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.59)
Acrolein		NS	ND(0.11) J	ND(0.11)	ND(0.11) J	ND(0.59) J
Acrylonitrile		NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
Benzene		NS	ND(0.00560)	ND(0.0056)	ND(0.00570)	0.0580
Bromodichloromethane		NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
Bromoform		NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
Bromomethane		NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
Carbon Disulfide		NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
Carbon Tetrachloride		NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
Chlorobenzene		NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	21
Chloroethane		NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
Chloroform		NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
Chloromethane		NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
cis-1,3-Dichloropropene		NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
Dibromochloromethane		NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
Dibromomethane		NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
Dichlorodifluoromethane		NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
Ethyl Methacrylate		NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
Ethylbenzene		NS	ND(0.00560)	0.069	ND(0.00570)	0.0870
Iodomethane		NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
Isobutanol		NS	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.59) J
Methacrylonitrile		NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
Methyl Methacrylate		NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
Methylene Chloride		NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
Propionitrile		NS	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.029)
Styrene		NS	ND(0.00560)	ND(0.0056)	ND(0.00570)	ND(0.0290)
Tetrachloroethene		NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
Toluene		NS	ND(0.00560)	0.050	ND(0.00570)	ND(0.0290)
trans-1,2-Dichloroethene		NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
trans-1,3-Dichloropropene		NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
trans-1,4-Dichloro-2-butene		NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
Trichloroethene		NS	ND(0.0056)	0.032	0.0076	ND(0.029)
Trichlorofluoromethane		NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
Vinyl Acetate		NS	ND(0.0056)	ND(0.0056)	ND(0.0057) J	ND(0.029)
Vinyl Chloride		NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
Xylenes (total)		NS	ND(0.0056)	0.18	ND(0.0057)	0.24

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Averaging Area:	4E	4E	4E	4E	4E
Sample ID:	RAA4-O15	RAA4-O16	RAA4-O19	RAA4-O25	RAA4-O25
Sample Depth(Feet):	6-15	0-1	1-3	0-1	3-6
Date Collected:	06/14/02	06/26/02	06/27/02	06/14/02	06/14/02
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	NS	ND(0.510)	ND(8.70)	0.320 J	0.870
1,2,4-Trichlorobenzene	NS	0.240 J	ND(8.70)	5.20	12.0
1,2-Dichlorobenzene	NS	ND(0.510)	ND(8.70)	0.240 J	0.480
1,2-Diphenylhydrazine	NS	ND(0.51)	ND(8.7)	ND(0.38)	ND(0.43)
1,3,5-Trinitrobenzene	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
1,3-Dichlorobenzene	NS	ND(0.510)	ND(8.70)	0.590	1.40
1,3-Dinitrobenzene	NS	ND(0.750)	ND(8.70)	ND(0.770)	ND(0.790)
1,4-Dichlorobenzene	NS	ND(0.510)	ND(8.70)	1.60	3.40
1,4-Naphthoquinone	NS	ND(0.750)	ND(8.70)	ND(0.770)	ND(0.790)
1-Naphthylamine	NS	ND(0.750)	ND(8.70)	ND(0.770)	ND(0.790)
2,3,4,6-Tetrachlorophenol	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
2,4,5-Trichlorophenol	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
2,4,6-Trichlorophenol	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
2,4-Dichlorophenol	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
2,4-Dimethylphenol	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
2,4-Dinitrophenol	NS	ND(2.50)	ND(43.0)	ND(1.90)	ND(2.20)
2,4-Dinitrotoluene	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
2,6-Dichlorophenol	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
2,6-Dinitrotoluene	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
2-Acetylaminofluorene	NS	ND(0.750)	ND(8.70)	ND(0.770)	ND(0.790)
2-Chloronaphthalene	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
2-Chlorophenol	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
2-Methylnaphthalene	NS	ND(0.510)	100	0.0820 J	ND(0.430)
2-Methylphenol	NS	ND(0.510)	ND(8.70)	0.310 J	ND(0.430)
2-Naphthylamine	NS	ND(0.750)	ND(8.70)	ND(0.770)	ND(0.790)
2-Nitroaniline	NS	ND(2.50)	ND(43.0)	ND(1.90)	ND(2.20)
2-Nitrophenol	NS	ND(0.750)	ND(8.70)	ND(0.770)	ND(0.790)
2-Picoline	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
3&4-Methylphenol	NS	ND(0.750)	ND(8.70)	0.350 J	ND(0.790)
3,3'-Dichlorobenzidine	NS	ND(1.0) J	ND(17) J	ND(0.770)	ND(0.860)
3,3'-Dimethylbenzidine	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
3-Methylcholanthrene	NS	ND(0.750)	ND(8.70)	ND(0.770)	ND(0.790)
3-Nitroaniline	NS	ND(2.50)	ND(43.0)	ND(1.90)	ND(2.20)
4,6-Dinitro-2-methylphenol	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
4-Aminobiphenyl	NS	ND(0.750)	ND(8.70)	ND(0.770)	ND(0.790)
4-Bromophenyl-phenylether	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
4-Chloro-3-Methylphenol	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
4-Chloroaniline	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
4-Chlorobenzilate	NS	ND(0.750)	ND(8.70)	ND(0.770)	ND(0.790)
4-Chlorophenyl-phenylether	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
4-Nitroaniline	NS	ND(1.90)	ND(8.70)	ND(1.90)	ND(2.00)
4-Nitrophenol	NS	ND(2.50)	ND(43.0)	ND(1.90)	ND(2.20)
4-Nitroquinoline-1-oxide	NS	ND(0.750)	ND(8.70)	ND(0.770)	ND(0.790)
4-Phenylenediamine	NS	ND(0.75) J	ND(8.7) J	ND(0.77) J	ND(0.79) J
5-Nitro-o-toluidine	NS	ND(0.750)	ND(8.70)	ND(0.770)	ND(0.790)
7,12-Dimethylbenz(a)anthracene	NS	ND(0.750)	ND(8.70)	ND(0.770)	ND(0.790)
a,a'-Dimethylphenethylamine	NS	ND(0.750)	ND(8.70)	ND(0.770)	ND(0.790)
Acenaphthene	NS	0.370 J	160	ND(0.380)	ND(0.430)
Acenaphthylene	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
Acetophenone	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
Aniline	NS	4.40	ND(8.70)	14.0	1.60
Anthracene	NS	0.780	180	ND(0.380)	ND(0.430)
Aramite	NS	ND(0.750)	ND(8.70)	ND(0.770)	ND(0.790)
Benzidine	NS	ND(1.0) J	ND(17) J	ND(0.77)	ND(0.86)
Benzo(a)anthracene	NS	2.40	140	0.240 J	0.230 J
Benzo(a)pyrene	NS	2.00	140	0.280 J	0.700
Benzo(b)fluoranthene	NS	2.80	89.0	0.560	0.820
Benzo(g,h,i)perylene	NS	1.20	68.0	0.480	0.780
Benzo(k)fluoranthene	NS	2.10	90.0	0.310 J	0.600
Benzyl Alcohol	NS	ND(1.00)	ND(17.0)	ND(0.770)	ND(0.860)
bis(2-Chloroethoxy)methane	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
bis(2-Chloroethyl)ether	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
bis(2-Chloroisopropyl)ether	NS	ND(0.510)	ND(8.70)	ND(0.38) J	ND(0.43) J

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4E RAA4-O15 6-15 06/14/02	4E RAA4-O16 0-1 06/26/02	4E RAA4-O19 1-3 06/27/02	4E RAA4-O25 0-1 06/14/02	4E RAA4-O25 3-6 06/14/02
Semivolatile Organics (continued)					
bis(2-Ethylhexyl)phthalate	NS	ND(0.370)	ND(4.30)	3.40	ND(0.390)
Butylbenzylphthalate	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
Chrysene	NS	3.00	160	0.340 J	0.450
Diallate	NS	ND(0.750)	ND(8.70)	ND(0.770)	ND(0.790)
Dibenzo(a,h)anthracene	NS	0.480 J	18.0	ND(0.380)	ND(0.430)
Dibenzofuran	NS	0.360 J	87.0	ND(0.380)	ND(0.430)
Diethylphthalate	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
Dimethylphthalate	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
Di-n-Butylphthalate	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
Di-n-Octylphthalate	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
Diphenylamine	NS	ND(0.51)	ND(8.7)	ND(0.38)	ND(0.43)
Ethyl Methanesulfonate	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
Fluoranthene	NS	5.20	290	0.290 J	0.170 J
Fluorene	NS	0.320 J	160	ND(0.380)	ND(0.430)
Hexachlorobenzene	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
Hexachlorobutadiene	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
Hexachlorocyclopentadiene	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
Hexachloroethane	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
Hexachlorophene	NS	ND(1.0)	ND(17)	ND(0.77)	ND(0.86)
Hexachloropropene	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
Indeno(1,2,3-cd)pyrene	NS	0.980	45.0	0.300 J	0.540
Isodrin	NS	ND(0.51)	ND(8.7)	ND(0.38)	ND(0.43)
Isophorone	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
Isosafrole	NS	ND(0.750)	ND(8.70)	ND(0.770)	ND(0.790)
Methapyrilene	NS	ND(0.750)	ND(8.70)	ND(0.770)	ND(0.790)
Methyl Methanesulfonate	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
Naphthalene	NS	0.110 J	280	0.110 J	ND(0.430)
Nitrobenzene	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
N-Nitrosodiethylamine	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
N-Nitrosodimethylamine	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
N-Nitroso-di-n-butylamine	NS	ND(0.750)	ND(8.70)	ND(0.770)	ND(0.790)
N-Nitroso-di-n-propylamine	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
N-Nitrosodiphenylamine	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
N-Nitrosomethylethylamine	NS	ND(0.750)	ND(8.70)	ND(0.770)	ND(0.790)
N-Nitrosomorpholine	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
N-Nitrosopiperidine	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
N-Nitrosopyrrolidine	NS	ND(0.750)	ND(8.70)	ND(0.770)	ND(0.790)
o,o,o-Triethylphosphorothioate	NS	ND(0.51)	ND(8.7)	ND(0.38)	ND(0.43)
o-Toluidine	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
p-Dimethylaminoazobenzene	NS	ND(0.750)	ND(8.70)	ND(0.770)	ND(0.790)
Pentachlorobenzene	NS	ND(0.510)	ND(8.70)	0.420	ND(0.430)
Pentachloroethane	NS	ND(0.51)	ND(8.7)	ND(0.38)	ND(0.43)
Pentachloronitrobenzene	NS	ND(0.750)	ND(8.70)	ND(0.770)	ND(0.790)
Pentachlorophenol	NS	ND(2.50)	ND(43.0)	ND(1.90)	ND(2.20)
Phenacetin	NS	ND(0.750)	ND(8.70)	ND(0.770)	ND(0.790)
Phenanthrene	NS	3.20	790	0.220 J	0.120 J
Phenol	NS	0.590	ND(8.70)	2.30	ND(0.430)
Pronamide	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
Pyrene	NS	5.00	700	0.440	0.760
Pyridine	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
Safrole	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
Thionazin	NS	ND(0.51)	ND(8.7)	ND(0.38)	ND(0.43)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Averaging Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	4E RAA4-O15 6-15 06/14/02	4E RAA4-O16 0-1 06/26/02	4E RAA4-O19 1-3 06/27/02	4E RAA4-O25 0-1 06/14/02	4E RAA4-O25 3-6 06/14/02
Furans					
2,3,7,8-TCDF	0.00011 Y [0.00010 Y]	0.00063 Y	ND(0.000055)	0.0024 YEJ	0.032 Y
TCDFs (total)	0.0024 Q [0.0019 Q]	0.029 I	ND(0.000055) Q	0.020 I	0.26 I
1,2,3,7,8-PeCDF	0.00013 QI [0.00010 QI]	0.00027	0.000082 J	0.0016	0.021
2,3,4,7,8-PeCDF	0.00018 Q [0.00011 Q]	0.0041	ND(0.000054) X	0.0035	0.037
PeCDFs (total)	0.0021 QIJ [0.0012 QIJ]	0.041 QI	0.00024 Q	0.035 I	0.28 I
1,2,3,4,7,8-HxCDF	0.00024 I [0.00021]	0.00092	0.00016 J	0.0042	0.054
1,2,3,6,7,8-HxCDF	0.00020 I [0.00015 I]	0.0010	0.000092 J	0.0024	0.027
1,2,3,7,8,9-HxCDF	0.000066 [0.000044]	0.00030	ND(0.00010)	0.00050	0.0051
2,3,4,6,7,8-HxCDF	0.00026 [0.00020]	0.0031	ND(0.00010)	0.0024	0.015
HxCDFs (total)	0.0021 I [0.0016 I]	0.057	0.00046 Q	0.036	0.23 I
1,2,3,4,6,7,8-HpCDF	0.00080 [0.00053]	0.0024	0.00013 JQ	0.0042	0.040 J
1,2,3,4,7,8,9-HpCDF	0.000090 [0.000064]	0.00024	0.000063 J	0.00087	0.0085
HpCDFs (total)	0.0012 [0.00077]	0.0071	0.00013 Q	0.0088	0.069 J
OCDF	0.00047 [0.00031]	0.00099	0.00015 J	0.0039	0.10 I
Dioxins					
2,3,7,8-TCDD	0.000012 Q [0.0000090 Q]	0.0000039 J	ND(0.000046) Q	0.000016	0.00034
TCDDs (total)	0.00033 Q [0.00023 Q]	0.000068	ND(0.000046)	0.00045	0.012
1,2,3,7,8-PeCDD	0.000024 Q [0.000022 Q]	0.000021	ND(0.00010)	ND(0.00013) X	0.0014
PeCDDs (total)	0.00038 Q [0.00028 Q]	0.00012 Q	ND(0.00010) Q	0.00086	0.022
1,2,3,4,7,8-HxCDD	0.000023 [0.000021]	0.000031	ND(0.00010)	0.000086	0.0014
1,2,3,6,7,8-HxCDD	0.000046 [0.000038]	0.000043	ND(0.00010)	0.00015	0.0022
1,2,3,7,8,9-HxCDD	0.000040 [0.000032]	0.000032	ND(0.00010)	0.00012	0.0017
HxCDDs (total)	0.00064 [0.00053 Q]	0.00053	ND(0.00014)	0.0020	0.032
1,2,3,4,6,7,8-HpCDD	0.00024 [0.00019]	0.00026	0.00021 J	0.00056 Q	0.011
HpCDDs (total)	0.00049 [0.00040]	0.00055	0.00039	0.0012 Q	0.021
OCDD	0.00041 [0.00031]	0.0013	ND(0.0016)	0.0012	0.025
Total TEQs (WHO TEFs)	0.00024 [0.00018]	0.0028	0.00015	0.0032	0.036
Inorganics					
Antimony	NS	ND(6.00) J	ND(6.00)	15.0	35.0
Arsenic	NS	6.10	6.50	12.0	11.0
Barium	NS	83.0 J	100	97.0	190
Beryllium	NS	ND(0.500)	1.10	ND(0.500) J	ND(0.500) J
Cadmium	NS	2.30	0.910	4.00	8.80
Chromium	NS	22.0	17.0	160	93.0
Cobalt	NS	9.60	7.00	8.60	10.0
Copper	NS	9100 J	1600	560	7400
Cyanide	NS	ND(0.110)	3.60	1.40	0.550
Lead	NS	850	930	2000	1800
Mercury	NS	2.10	ND(0.110)	0.920	1.60
Nickel	NS	25.0	39.0	45.0	75.0
Selenium	NS	ND(1.00) J	ND(1.00) J	ND(1.00) J	ND(1.00) J
Silver	NS	ND(1.00)	ND(1.00)	13.0	ND(1.00)
Sulfide	NS	26.0 J	510	35.0	62.0
Thallium	NS	2.10 J	3.00 J	1.30 J	2.40 J
Tin	NS	27.0 J	54.0	96.0	140
Vanadium	NS	14.0 J	28.0	19.0	12.0
Zinc	NS	570	870	860	1800

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4E / RAA4-P3 / 0-1 / 07/08/02	4E / RAA4-P6 / 0-1 / 06/26/02	4E / RAA4-P14 / 0-1 / 06/26/02	4E / RAA4-P16 / 3-6 / 06/17/02	4E / RAA4-Q05 / 3-6 / 06/27/02
Volatile Organics						
1,1,1,2-Tetrachloroethane		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055) J
1,1,1-Trichloroethane		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
1,1,2,2-Tetrachloroethane		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055) J
1,1,2-Trichloroethane		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055) J
1,1-Dichloroethane		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
1,1-Dichloroethene		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
1,2,3-Trichloropropane		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055) J
1,2-Dibromo-3-chloropropane		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055) J
1,2-Dibromoethane		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055) J
1,2-Dichloroethane		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
1,2-Dichloropropane		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
1,4-Dioxane		ND(0.11) J	ND(0.11) J	ND(0.11) J	NS	ND(0.11) J
2-Butanone		ND(0.011)	ND(0.011)	ND(0.011)	NS	ND(0.011)
2-Chloro-1,3-butadiene		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
2-Chloroethylvinylether		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
2-Hexanone		ND(0.011)	ND(0.011)	ND(0.011)	NS	ND(0.011) J
3-Chloropropene		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
4-Methyl-2-pentanone		ND(0.011)	ND(0.011)	ND(0.011)	NS	ND(0.011)
Acetone		ND(0.022)	ND(0.022)	ND(0.022)	NS	ND(0.022)
Acetonitrile		ND(0.11)	ND(0.11)	ND(0.11)	NS	ND(0.11)
Acrolein		ND(0.11) J	ND(0.11) J	ND(0.11) J	NS	ND(0.11) J
Acrylonitrile		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
Benzene		ND(0.00550)	ND(0.00550)	ND(0.00560)	NS	ND(0.00550)
Bromodichloromethane		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
Bromoform		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055) J
Bromomethane		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
Carbon Disulfide		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
Carbon Tetrachloride		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
Chlorobenzene		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055) J
Chloroethane		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
Chloroform		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
Chloromethane		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
cis-1,3-Dichloropropene		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
Dibromochloromethane		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055) J
Dibromomethane		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
Dichlorodifluoromethane		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
Ethyl Methacrylate		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055) J
Ethylbenzene		ND(0.00550)	ND(0.00550)	ND(0.00560)	NS	ND(0.00550)
Iodomethane		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
Isobutanol		ND(0.11)	ND(0.11)	ND(0.11)	NS	ND(0.11)
Methacrylonitrile		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
Methyl Methacrylate		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
Methylene Chloride		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
Propionitrile		ND(0.011)	ND(0.011)	ND(0.011)	NS	ND(0.011)
Styrene		ND(0.00550)	ND(0.00550)	ND(0.00560)	NS	ND(0.0055) J
Tetrachloroethene		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055) J
Toluene		ND(0.00550)	ND(0.00550)	ND(0.00560)	NS	ND(0.0055) J
trans-1,2-Dichloroethene		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
trans-1,3-Dichloropropene		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055) J
trans-1,4-Dichloro-2-butene		ND(0.0055) J	ND(0.0055)	ND(0.0056)	NS	ND(0.0055) J
Trichloroethene		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
Trichlorofluoromethane		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
Vinyl Acetate		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
Vinyl Chloride		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
Xylenes (total)		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055) J

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Averaging Area:	4E	4E	4E	4E	4E
Sample ID:	RAA4-P3	RAA4-P6	RAA4-P14	RAA4-P16	RAA4-Q05
Sample Depth(Feet):	0-1	0-1	0-1	3-6	3-6
Parameter Date Collected:	07/08/02	06/26/02	06/26/02	06/17/02	06/27/02
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
1,2,4-Trichlorobenzene	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
1,2-Dichlorobenzene	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
1,2-Diphenylhydrazine	ND(0.37)	ND(0.37)	ND(0.38)	NS	ND(0.37) J
1,3,5-Trinitrobenzene	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
1,3-Dichlorobenzene	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
1,3-Dinitrobenzene	ND(0.740)	ND(0.740)	ND(0.750)	NS	ND(0.740)
1,4-Dichlorobenzene	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
1,4-Naphthoquinone	ND(0.740)	ND(0.740)	ND(0.750)	NS	ND(0.740)
1-Naphthylamine	ND(0.740)	ND(0.740)	ND(0.750)	NS	ND(0.740)
2,3,4,6-Tetrachlorophenol	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
2,4,5-Trichlorophenol	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
2,4,6-Trichlorophenol	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
2,4-Dichlorophenol	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
2,4-Dimethylphenol	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
2,4-Dinitrophenol	ND(1.90)	ND(1.90)	ND(1.90)	NS	ND(1.90)
2,4-Dinitrotoluene	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
2,6-Dichlorophenol	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
2,6-Dinitrotoluene	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
2-Acetylaminofluorene	ND(0.740)	ND(0.740)	ND(0.750)	NS	ND(0.740)
2-Chloronaphthalene	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
2-Chlorophenol	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
2-Methylnaphthalene	0.0800 J	0.120 J	ND(0.380)	NS	ND(0.370)
2-Methylphenol	ND(0.370)	0.230 J	ND(0.380)	NS	ND(0.370)
2-Naphthylamine	ND(0.740)	ND(0.740)	ND(0.750)	NS	ND(0.740)
2-Nitroaniline	ND(1.90)	ND(1.90)	ND(1.90)	NS	ND(1.90)
2-Nitrophenol	ND(0.740)	ND(0.740)	ND(0.750)	NS	ND(0.740)
2-Picoline	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
3&4-Methylphenol	ND(0.740)	ND(0.740)	ND(0.750)	NS	ND(0.740)
3,3'-Dichlorobenzidine	ND(0.74) J	ND(0.74) J	ND(0.75) J	NS	ND(0.740)
3,3'-Dimethylbenzidine	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
3-Methylcholanthrene	ND(0.740)	ND(0.740)	ND(0.750)	NS	ND(0.740)
3-Nitroaniline	ND(1.90)	ND(1.90)	ND(1.90)	NS	ND(1.90)
4,6-Dinitro-2-methylphenol	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
4-Aminobiphenyl	ND(0.740)	ND(0.740)	ND(0.750)	NS	ND(0.740)
4-Bromophenyl-phenylether	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
4-Chloro-3-Methylphenol	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
4-Chloroaniline	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
4-Chlorobenzilate	ND(0.740)	ND(0.740)	ND(0.750)	NS	ND(0.740)
4-Chlorophenyl-phenylether	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
4-Nitroaniline	ND(1.90)	ND(1.90)	ND(1.90)	NS	ND(1.90)
4-Nitrophenol	ND(1.90)	ND(1.90)	ND(1.90)	NS	ND(1.90)
4-Nitroquinoline-1-oxide	ND(0.740)	ND(0.740)	ND(0.750)	NS	ND(0.740)
4-Phenylenediamine	ND(0.74) J	ND(0.74) J	ND(0.75) J	NS	ND(0.74) J
5-Nitro-o-toluidine	ND(0.740)	ND(0.740)	ND(0.750)	NS	ND(0.740)
7,12-Dimethylbenz(a)anthracene	ND(0.740)	ND(0.740)	ND(0.750)	NS	ND(0.740)
a,a'-Dimethylphenethylamine	ND(0.740)	ND(0.740)	ND(0.750)	NS	ND(0.740)
Acenaphthene	ND(0.370)	1.10	ND(0.380)	NS	ND(0.370)
Acenaphthylene	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
Acetophenone	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
Aniline	ND(0.370)	21.0	ND(0.380)	NS	ND(0.370)
Anthracene	ND(0.370)	0.890	ND(0.380)	NS	ND(0.370)
Aramite	ND(0.740)	ND(0.740)	ND(0.750)	NS	ND(0.740)
Benzidine	ND(0.74) J	ND(0.74) J	ND(0.75) J	NS	ND(0.74)
Benzo(a)anthracene	0.200 J	2.70	ND(0.380)	NS	ND(0.370)
Benzo(a)pyrene	0.530	2.30	ND(0.380)	NS	ND(0.370)
Benzo(b)fluoranthene	0.840	2.20	ND(0.380)	NS	ND(0.370)
Benzo(g,h,i)perylene	0.760	1.30	ND(0.380)	NS	ND(0.370)
Benzo(k)fluoranthene	0.620	2.50	ND(0.380)	NS	ND(0.370)
Benzyl Alcohol	ND(0.740)	ND(0.740)	ND(0.750)	NS	ND(0.74) J
bis(2-Chloroethoxy)methane	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
bis(2-Chloroethyl)ether	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
bis(2-Chloroisopropyl)ether	ND(0.37) J	ND(0.370)	ND(0.380)	NS	ND(0.370)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Averaging Area:	4E	4E	4E	4E	4E
Sample ID:	RAA4-P3	RAA4-P6	RAA4-P14	RAA4-P16	RAA4-Q05
Sample Depth(Feet):	0-1	0-1	0-1	3-6	3-6
Parameter Date Collected:	07/08/02	06/26/02	06/26/02	06/17/02	06/27/02
Semivolatile Organics (continued)					
bis(2-Ethylhexyl)phthalate	ND(0.360)	ND(0.360)	ND(0.370)	NS	ND(0.360)
Butylbenzylphthalate	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
Chrysene	0.300 J	2.90	0.200 J	NS	ND(0.370)
Diallate	ND(0.740)	ND(0.740)	ND(0.750)	NS	ND(0.740)
Dibenzo(a,h)anthracene	0.290 J	ND(0.370)	ND(0.380)	NS	ND(0.370)
Dibenzofuran	ND(0.370)	0.450	ND(0.380)	NS	ND(0.370)
Diethylphthalate	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
Dimethylphthalate	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
Di-n-Butylphthalate	ND(0.370)	1.20	ND(0.380)	NS	ND(0.370)
Di-n-Octylphthalate	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
Diphenylamine	ND(0.37)	ND(0.37)	ND(0.38)	NS	ND(0.37)
Ethyl Methanesulfonate	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
Fluoranthene	0.340 J	4.90	ND(0.380)	NS	ND(0.370)
Fluorene	ND(0.370)	0.720	ND(0.380)	NS	ND(0.370)
Hexachlorobenzene	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
Hexachlorobutadiene	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
Hexachlorocyclopentadiene	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
Hexachloroethane	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
Hexachlorophene	ND(0.74)	ND(0.74)	ND(0.75)	NS	ND(0.74)
Hexachloropropene	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
Indeno(1,2,3-cd)pyrene	0.740	1.20	ND(0.380)	NS	ND(0.370)
Isodrin	ND(0.37)	ND(0.37)	ND(0.38)	NS	ND(0.37)
Isophorone	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
Isosafrole	ND(0.740)	ND(0.740)	ND(0.750)	NS	ND(0.740)
Methapyrilene	ND(0.740)	ND(0.740)	ND(0.750)	NS	ND(0.740)
Methyl Methanesulfonate	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
Naphthalene	0.0900 J	0.340 J	ND(0.380)	NS	ND(0.370)
Nitrobenzene	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
N-Nitrosodiethylamine	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
N-Nitrosodimethylamine	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
N-Nitroso-di-n-butylamine	ND(0.740)	ND(0.740)	ND(0.750)	NS	ND(0.740)
N-Nitroso-di-n-propylamine	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
N-Nitrosodiphenylamine	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
N-Nitrosomethylethylamine	ND(0.740)	ND(0.740)	ND(0.750)	NS	ND(0.740)
N-Nitrosomorpholine	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
N-Nitrosopiperidine	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
N-Nitrosopyrrolidine	ND(0.740)	ND(0.740)	ND(0.750)	NS	ND(0.740)
o,o,o-Triethylphosphorothioate	ND(0.37)	ND(0.37)	ND(0.38)	NS	ND(0.37)
o-Toluidine	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
p-Dimethylaminoazobenzene	ND(0.740)	ND(0.740)	ND(0.750)	NS	ND(0.740)
Pentachlorobenzene	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
Pentachloroethane	ND(0.37)	ND(0.37)	ND(0.38)	NS	ND(0.37)
Pentachloronitrobenzene	ND(0.740)	ND(0.740)	ND(0.750)	NS	ND(0.740)
Pentachlorophenol	ND(1.90)	ND(1.90)	ND(1.90)	NS	ND(1.90)
Phenacetin	ND(0.740)	ND(0.740)	ND(0.750)	NS	ND(0.740)
Phenanthrene	0.110 J	5.40	ND(0.380)	NS	ND(0.370)
Phenol	ND(0.370)	1.40	ND(0.380)	NS	ND(0.370)
Pronamide	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
Pyrene	0.320 J	5.80	ND(0.380)	NS	ND(0.370)
Pyridine	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
Safrole	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
Thionazin	ND(0.37)	ND(0.37)	ND(0.38)	NS	ND(0.37)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:					
	Averaging Area:	4E	4E	4E	4E	4E
	Sample ID:	RAA4-P3	RAA4-P6	RAA4-P14	RAA4-P16	RAA4-Q05
	Sample Depth(Feet):	0-1	0-1	0-1	3-6	3-6
Parameter	Date Collected:	07/08/02	06/26/02	06/26/02	06/17/02	06/27/02
Furans						
2,3,7,8-TCDF		0.000029 Y	0.000020 Y	0.0000042 Y	0.00070 YEJ	0.00000040 J
TCDFs (total)		0.00022	0.00017	0.000035	0.0043 QI	0.0000069
1,2,3,7,8-PeCDF		0.000012	0.0000068 J	0.0000016 J	0.00087 Q	0.00000041 J
2,3,4,7,8-PeCDF		0.000037	0.000024	0.0000073	0.0021 EJ	0.00000073 J
PeCDFs (total)		0.00029 QI	0.00024 Q	0.00012	0.0098 QI	0.0000070
1,2,3,4,7,8-HxCDF		0.000035	0.000016	0.0000041	0.0038 EIJ	0.00000075 J
1,2,3,6,7,8-HxCDF		0.000017	0.000011 J	0.0000040	0.0011 EIJ	0.00000057 J
1,2,3,7,8,9-HxCDF		0.0000073	0.0000034 J	ND(0.0000011) X	0.0020 EJ	0.00000028 J
2,3,4,6,7,8-HxCDF		0.000027	0.000024	0.000012	0.0012 EJ	0.00000082 J
HxCDFs (total)		0.00034	0.00038	0.00016	0.013 I	0.0000065
1,2,3,4,6,7,8-HpCDF		0.000040	0.000034	0.000011	0.0014 EJ	0.0000029
1,2,3,4,7,8,9-HpCDF		0.0000085	0.0000045 J	0.0000015 J	0.0012 EJ	0.00000016 J
HpCDFs (total)		0.000092	0.000038	0.000029	0.0041	0.0000035
OCDF		0.000059	0.000028	0.0000044 J	0.0014 I	0.0000020 J
Dioxins						
2,3,7,8-TCDD		ND(0.00000032) X	ND(0.00000050)	ND(0.00000038)	0.0000025	ND(0.00000015)
TCDDs (total)		0.0000032	0.000010	ND(0.00000038)	0.000055 Q	0.0000013
1,2,3,7,8-PeCDD		ND(0.0000012) X	ND(0.00000082) X	ND(0.00000034)	ND(0.0000092) X	0.00000023 J
PeCDDs (total)		0.0000033	0.0000054 Q	ND(0.00000034)	0.000039 Q	0.0000016
1,2,3,4,7,8-HxCDD		0.00000074 J	0.0000027 J	ND(0.00000040)	0.0000071	0.00000023 J
1,2,3,6,7,8-HxCDD		0.000014	0.0000044 J	ND(0.00000035)	0.000010	ND(0.00000029) X
1,2,3,7,8,9-HxCDD		0.0000046	ND(0.0000036) X	ND(0.00000036)	0.0000088	ND(0.00000038) X
HxCDDs (total)		0.00013	0.000038	0.00000069	0.00013	0.0000047
1,2,3,4,6,7,8-HpCDD		0.000043	0.000077	0.0000020 J	0.000053	0.0000030
HpCDDs (total)		0.000090	0.00015	0.0000039	0.00010	0.0000064
OCDD		0.00018	0.00071	0.0000099	0.00014	0.000080
Total TEQs (WHO TEFs)		0.000034	0.000023	0.0000068	0.0020	0.0000011
Inorganics						
Antimony		1.40 B	ND(6.00) J	ND(6.00) J	NS	6.40
Arsenic		6.40	5.80	3.80	NS	12.0
Barium		1400	53.0 J	26.0 J	NS	24.0
Beryllium		ND(0.500)	ND(0.500)	ND(0.500)	NS	ND(0.500)
Cadmium		0.110 B	ND(0.500)	ND(0.500)	NS	0.980
Chromium		22.0	13.0	5.40	NS	18.0
Cobalt		ND(5.00)	ND(5.00)	6.40	NS	8.20
Copper		44.0	1100 J	11.0 J	NS	17000
Cyanide		0.140 B	0.190	ND(0.110)	NS	0.100 B
Lead		190	130	6.50	NS	160
Mercury		0.100 B	ND(0.110)	ND(0.110)	NS	ND(0.110)
Nickel		12.0	9.50	12.0	NS	16.0
Selenium		ND(1.00)	ND(1.00) J	ND(1.00) J	NS	ND(1.00) J
Silver		ND(1.00)	ND(1.00)	ND(1.00)	NS	ND(1.00)
Sulfide		35.0	110 J	13.0 J	NS	300
Thallium		2.20	1.60 J	1.00 J	NS	5.90
Tin		ND(10.0)	ND(11.0)	ND(10.0)	NS	270
Vanadium		14.0	21.0 J	6.50 J	NS	23.0
Zinc		120	170	34.0	NS	3200

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4E RAA4-Q6 1-3 06/18/02	4E RAA4-Q8 0-1 06/26/02	4E RAA4-R4 0-1 06/26/02	4E RAA4-R5 0-1 06/26/02
Volatile Organics					
1,1,1,2-Tetrachloroethane		ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
1,1,1-Trichloroethane		ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
1,1,2,2-Tetrachloroethane		ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
1,1,2-Trichloroethane		ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
1,1-Dichloroethane		ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
1,1-Dichloroethene		ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
1,2,3-Trichloropropane		ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
1,2-Dibromo-3-chloropropane		ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
1,2-Dibromoethane		ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
1,2-Dichloroethane		ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
1,2-Dichloropropane		ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
1,4-Dioxane		ND(0.11) J	ND(0.10)	ND(0.12) J [ND(0.12) J]	ND(0.12) J
2-Butanone		ND(0.011)	ND(0.010)	ND(0.012) [ND(0.012)]	ND(0.012)
2-Chloro-1,3-butadiene		ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
2-Chloroethylvinylether		ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
2-Hexanone		ND(0.011)	ND(0.010)	ND(0.012) [ND(0.012)]	ND(0.012)
3-Chloropropene		ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
4-Methyl-2-pentanone		ND(0.011)	ND(0.010)	ND(0.012) [ND(0.012)]	ND(0.012)
Acetone		ND(0.022)	ND(0.021)	ND(0.024) [ND(0.024)]	ND(0.023)
Acetonitrile		ND(0.11)	ND(0.10)	ND(0.12) [ND(0.12)]	ND(0.12)
Acrolein		ND(0.11) J	ND(0.10)	ND(0.12) J [ND(0.12) J]	ND(0.12) J
Acrylonitrile		ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Benzene		ND(0.00540)	ND(0.0052)	ND(0.00600) [ND(0.00600)]	ND(0.00580)
Bromodichloromethane		ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Bromoform		ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Bromomethane		ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Carbon Disulfide		ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Carbon Tetrachloride		ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Chlorobenzene		ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Chloroethane		ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Chloroform		ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Chloromethane		ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
cis-1,3-Dichloropropene		ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Dibromochloromethane		ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Dibromomethane		ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Dichlorodifluoromethane		ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Ethyl Methacrylate		ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Ethylbenzene		ND(0.00540)	ND(0.0052)	ND(0.00600) [ND(0.00600)]	ND(0.00580)
Iodomethane		ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Isobutanol		ND(0.11)	ND(0.10)	ND(0.12) [ND(0.12)]	ND(0.12)
Methacrylonitrile		ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Methyl Methacrylate		ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Methylene Chloride		ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Propionitrile		ND(0.011)	ND(0.010)	ND(0.012) [ND(0.012)]	ND(0.012)
Styrene		ND(0.00540)	ND(0.0052)	ND(0.00600) [ND(0.00600)]	ND(0.00580)
Tetrachloroethene		ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Toluene		ND(0.00540)	ND(0.0052)	ND(0.00600) [ND(0.00600)]	ND(0.00580)
trans-1,2-Dichloroethene		ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
trans-1,3-Dichloropropene		ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
trans-1,4-Dichloro-2-butene		ND(0.0054) J	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Trichloroethene		ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Trichlorofluoromethane		ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Vinyl Acetate		ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Vinyl Chloride		ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Xylenes (total)		ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4E / RAA4-Q6 / 1-3 / 06/18/02	4E / RAA4-Q8 / 0-1 / 06/26/02	4E / RAA4-R4 / 0-1 / 06/26/02	4E / RAA4-R5 / 0-1 / 06/26/02
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
1,2,4-Trichlorobenzene		ND(0.360)	ND(0.350)	ND(0.400) [0.250 J]	0.35 J
1,2-Dichlorobenzene		ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
1,2-Diphenylhydrazine		ND(0.36)	ND(0.35)	ND(0.40) [ND(0.44)]	ND(0.39) J
1,3,5-Trinitrobenzene		ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
1,3-Dichlorobenzene		ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
1,3-Dinitrobenzene		ND(0.720)	ND(0.700)	ND(0.800) [ND(0.810)]	ND(0.78) J
1,4-Dichlorobenzene		ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
1,4-Naphthoquinone		ND(0.720)	ND(0.700)	ND(0.800) [ND(0.810)]	ND(0.78) J
1-Naphthylamine		ND(0.720)	ND(0.700)	ND(0.800) [ND(0.810)]	ND(0.78) J
2,3,4,6-Tetrachlorophenol		ND(0.360)	R	ND(0.400) [ND(0.440)]	ND(0.390)
2,4,5-Trichlorophenol		ND(0.360)	R	ND(0.400) [ND(0.440)]	ND(0.390)
2,4,6-Trichlorophenol		ND(0.360)	R	ND(0.400) [ND(0.440)]	ND(0.390)
2,4-Dichlorophenol		ND(0.360)	R	ND(0.400) [ND(0.440)]	ND(0.390)
2,4-Dimethylphenol		ND(0.360)	R	ND(0.400) [ND(0.440)]	ND(0.390)
2,4-Dinitrophenol		ND(1.80)	R	ND(2.00) [ND(2.20)]	ND(2.00)
2,4-Dinitrotoluene		ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
2,6-Dichlorophenol		ND(0.360)	R	ND(0.400) [ND(0.440)]	ND(0.390)
2,6-Dinitrotoluene		ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
2-Acetylaminofluorene		ND(0.720)	ND(0.700)	ND(0.800) [ND(0.810)]	ND(0.78) J
2-Chloronaphthalene		ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
2-Chlorophenol		ND(0.360)	R	ND(0.400) [ND(0.440)]	ND(0.390)
2-Methylnaphthalene		ND(0.360)	ND(0.350)	ND(0.400) [0.120 J]	ND(0.39) J
2-Methylphenol		ND(0.360)	R	ND(0.400) [ND(0.440)]	ND(0.390)
2-Naphthylamine		ND(0.720)	ND(0.700)	ND(0.800) [ND(0.810)]	ND(0.78) J
2-Nitroaniline		ND(1.80)	ND(1.80)	ND(2.00) [ND(2.20)]	ND(2.0) J
2-Nitrophenol		ND(0.720)	R	ND(0.800) [ND(0.810)]	ND(0.780)
2-Picoline		ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
3&4-Methylphenol		ND(0.720)	R	ND(0.800) [ND(0.810)]	ND(0.780)
3,3'-Dichlorobenzidine		ND(0.720)	ND(0.70) J	ND(0.80) J [ND(0.89) J]	ND(0.78) J
3,3'-Dimethylbenzidine		ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
3-Methylcholanthrene		ND(0.720)	ND(0.700)	ND(0.800) [ND(0.810)]	ND(0.78) J
3-Nitroaniline		ND(1.80)	ND(1.80)	ND(2.00) [ND(2.20)]	ND(2.0) J
4,6-Dinitro-2-methylphenol		ND(0.360)	R	ND(0.400) [ND(0.440)]	ND(0.390)
4-Aminobiphenyl		ND(0.720)	ND(0.700)	ND(0.800) [ND(0.810)]	ND(0.78) J
4-Bromophenyl-phenylether		ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
4-Chloro-3-Methylphenol		ND(0.360)	R	ND(0.400) [ND(0.440)]	ND(0.390)
4-Chloroaniline		ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
4-Chlorobenzilate		ND(0.720)	ND(0.700)	ND(0.800) [ND(0.810)]	ND(0.78) J
4-Chlorophenyl-phenylether		ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.390)
4-Nitroaniline		ND(1.80)	ND(1.80)	ND(2.00) [ND(2.00)]	ND(2.0) J
4-Nitrophenol		ND(1.80)	R	ND(2.00) [ND(2.20)]	ND(2.00)
4-Nitroquinoline-1-oxide		ND(0.720)	ND(0.700)	ND(0.800) [ND(0.810)]	ND(0.78) J
4-Phenylenediamine		ND(0.72) J	ND(0.70) J	ND(0.80) J [ND(0.81) J]	ND(0.78) J
5-Nitro-o-toluidine		ND(0.720)	ND(0.700)	ND(0.800) [ND(0.810)]	ND(0.78) J
7,12-Dimethylbenz(a)anthracene		ND(0.720)	ND(0.700)	ND(0.800) [ND(0.810)]	ND(0.78) J
a,a'-Dimethylphenethylamine		ND(0.720)	ND(0.700)	ND(0.800) [ND(0.810)]	ND(0.78) J
Acenaphthene		ND(0.360)	ND(0.350)	0.089 J [0.96 J]	0.69 J
Acenaphthylene		ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
Acetophenone		ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
Aniline		ND(0.360)	ND(0.350)	ND(0.400) [0.980]	4.1 J
Anthracene		ND(0.360)	ND(0.350)	ND(0.400) [0.760]	0.69 J
Aramite		ND(0.720)	ND(0.700)	ND(0.800) [ND(0.810)]	ND(0.78) J
Benzidine		ND(0.72)	ND(0.70) J	ND(0.80) J [ND(0.89) J]	ND(0.78) J
Benzo(a)anthracene		ND(0.360)	ND(0.350)	0.27 J [0.87 J]	2.4 J
Benzo(a)pyrene		ND(0.36) J	ND(0.350)	0.49 J [2.0 J]	4.7 J
Benzo(b)fluoranthene		ND(0.36) J	ND(0.350)	0.41 J [1.8 J]	4.4 J
Benzo(g,h,i)perylene		ND(0.360)	ND(0.350)	ND(0.400) [1.00]	3.6 J
Benzo(k)fluoranthene		ND(0.360)	ND(0.350)	0.29 J [1.5 J]	3.8 J
Benzyl Alcohol		ND(0.720)	R	ND(0.800) [ND(0.890)]	ND(0.780)
bis(2-Chloroethoxy)methane		ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
bis(2-Chloroethyl)ether		ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
bis(2-Chloroisopropyl)ether		ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4E / RAA4-Q6 / 1-3 / 06/18/02	4E / RAA4-Q8 / 0-1 / 06/26/02	4E / RAA4-R4 / 0-1 / 06/26/02	4E / RAA4-R5 / 0-1 / 06/26/02
Semivolatile Organics (continued)					
bis(2-Ethylhexyl)phthalate		ND(0.360)	ND(0.340)	ND(0.390) [ND(0.400)]	ND(0.38) J
Butylbenzylphthalate		ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
Chrysene		ND(0.360)	ND(0.350)	0.32 J [0.97 J]	2.4 J
Diallate		ND(0.720)	ND(0.700)	ND(0.800) [ND(0.810)]	ND(0.39) J
Dibenzo(a,h)anthracene		ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
Dibenzofuran		ND(0.360)	ND(0.350)	ND(0.400) [0.270 J]	ND(0.78) J
Diethylphthalate		ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	1.3 J
Dimethylphthalate		ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	0.28 J
Di-n-Butylphthalate		ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
Di-n-Octylphthalate		ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
Diphenylamine		ND(0.36)	ND(0.35)	ND(0.40) [ND(0.44)]	ND(0.39) J
Ethyl Methanesulfonate		ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
Fluoranthene		ND(0.360)	ND(0.350)	0.50 J [2.6 J]	5.1 J
Fluorene		ND(0.360)	ND(0.350)	ND(0.400) [0.570]	0.44 J
Hexachlorobenzene		ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
Hexachlorobutadiene		ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
Hexachlorocyclopentadiene		ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
Hexachloroethane		ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
Hexachlorophene		ND(0.72)	ND(0.70)	ND(0.80) [ND(0.89)]	ND(0.78) J
Hexachloropropene		ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
Indeno(1,2,3-cd)pyrene		ND(0.360)	ND(0.350)	ND(0.400) [0.820]	3.2 J
Isodrin		ND(0.36)	ND(0.35)	ND(0.40) [ND(0.44)]	ND(0.39) J
Isophorone		ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
Isosafrole		ND(0.720)	ND(0.700)	ND(0.800) [ND(0.810)]	ND(0.78) J
Methapyrilene		ND(0.720)	ND(0.700)	ND(0.800) [ND(0.810)]	ND(0.78) J
Methyl Methanesulfonate		ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
Naphthalene		ND(0.360)	ND(0.350)	ND(0.400) [0.440]	0.30 J
Nitrobenzene		ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
N-Nitrosodiethylamine		ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.78) J
N-Nitrosodimethylamine		ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
N-Nitroso-di-n-butylamine		ND(0.720)	ND(0.700)	ND(0.800) [ND(0.810)]	ND(0.39) J
N-Nitroso-di-n-propylamine		ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
N-Nitrosodiphenylamine		ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
N-Nitrosomethylethylamine		ND(0.720)	ND(0.700)	ND(0.800) [ND(0.810)]	ND(0.78) J
N-Nitrosomorpholine		ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
N-Nitrosopiperidine		ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
N-Nitrosopyrrolidine		ND(0.720)	ND(0.700)	ND(0.800) [ND(0.810)]	ND(0.78) J
o,o,o-Triethylphosphorothioate		ND(0.36)	ND(0.35)	ND(0.40) [ND(0.44)]	ND(0.39) J
o-Toluidine		ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
p-Dimethylaminoazobenzene		ND(0.720)	ND(0.700)	ND(0.800) [ND(0.810)]	ND(0.78) J
Pentachlorobenzene		ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
Pentachloroethane		ND(0.36)	ND(0.35)	ND(0.40) [ND(0.44)]	ND(0.39) J
Pentachloronitrobenzene		ND(0.720)	ND(0.700)	ND(0.800) [ND(0.810)]	ND(0.78) J
Pentachlorophenol		ND(1.80)	R	ND(2.00) [ND(2.20)]	ND(2.00)
Phenacetin		ND(0.720)	ND(0.700)	ND(0.800) [ND(0.810)]	ND(0.78) J
Phenanthrene		ND(0.360)	ND(0.350)	0.50 J [3.3 J]	3.6 J
Phenol		ND(0.360)	ND(0.350)	ND(0.400) [0.0960 J]	0.370 J
Pronamide		ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
Pyrene		ND(0.360)	ND(0.350)	0.84 J [2.8 J]	3.8 J
Pyridine		ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
Safrole		ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
Thionazin		ND(0.36)	ND(0.35)	ND(0.40) [ND(0.44)]	ND(0.39) J

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Averaging Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	4E RAA4-Q6 1-3 06/18/02	4E RAA4-Q8 0-1 06/26/02	4E RAA4-R4 0-1 06/26/02	4E RAA4-R5 0-1 06/26/02
Furans				
2,3,7,8-TCDF	0.0000020 Y	0.0000061 Y	0.00019 YJ [0.00039 YJ]	0.00021 Y
TCDFs (total)	0.000015	0.000073	0.0020 J [0.0042 J]	0.0023
1,2,3,7,8-PeCDF	0.00000047 J	0.0000035	0.00013 IJ [0.00026 J]	0.00029
2,3,4,7,8-PeCDF	0.0000024	0.000012	0.00024 J [0.00055 J]	0.00091
PeCDFs (total)	0.000021	0.000085	0.0024 QIJ [0.0044 QIJ]	0.0050 Q
1,2,3,4,7,8-HxCDF	0.00000080 J	0.0000039	0.00040 J [0.00075 J]	0.0035
1,2,3,6,7,8-HxCDF	0.00000041 J	0.0000042	0.00022 I [0.00034 I]	0.0015
1,2,3,7,8,9-HxCDF	ND(0.00000021)	0.0000012 J	0.000083 [0.00013]	0.00098
2,3,4,6,7,8-HxCDF	0.0000010 J	0.000016	0.00023 J [0.00040 J]	0.00078
HxCDFs (total)	0.000013	0.00024	0.0032 I J [0.0057 IJ]	0.013 Q
1,2,3,4,6,7,8-HpCDF	0.00000082 J	0.000011	0.00041 J [0.00071 J]	0.00089
1,2,3,4,7,8,9-HpCDF	R	0.0000015 J	0.00010 [0.00016]	0.00076
HpCDFs (total)	0.0000020	0.000033	0.00087 J [0.0015 J]	0.0025
OCDF	0.00000043 J	0.0000040 J	0.00027 J [0.00055 J]	0.00086
Dioxins				
2,3,7,8-TCDD	ND(0.00000011)	ND(0.00000023)	ND(0.0000024) X [0.0000037 J]	0.0000026 J
TCDDs (total)	ND(0.00000014)	ND(0.00000023)	0.000084 J [0.00019 J]	0.000066
1,2,3,7,8-PeCDD	ND(0.00000021)	ND(0.00000039)	ND(0.000011) X [ND(0.000018) X]	ND(0.000011) X
PeCDDs (total)	ND(0.00000021)	ND(0.00000039)	0.000066 QJ [0.00019 QJ]	0.000011 Q
1,2,3,4,7,8-HxCDD	ND(0.00000021)	ND(0.00000036)	0.0000092 J [0.000021 J]	0.0000044 J
1,2,3,6,7,8-HxCDD	ND(0.00000021)	ND(0.00000032)	0.000010 J [0.000023 J]	0.0000070 J
1,2,3,7,8,9-HxCDD	ND(0.00000021)	ND(0.00000032)	0.0000079 J [0.000019 J]	0.0000048 J
HxCDDs (total)	ND(0.00000026)	0.0000011	0.00016 J [0.00040 J]	0.000093
1,2,3,4,6,7,8-HpCDD	ND(0.00000042) X	0.0000023	0.000060 J [0.00011 J]	0.000040
HpCDDs (total)	0.00000037	0.0000049	0.00013 J [0.00023 J]	0.000080
OCDD	0.0000029 J	0.000013	0.00025 J [0.00042 J]	0.00023
Total TEQs (WHO TEFs)	0.0000019	0.0000098	0.00025 [0.00052]	0.0012
Inorganics				
Antimony	ND(6.00)	ND(6.00) J	ND(6.00) J [ND(6.00) J]	0.990 J
Arsenic	2.40 J	6.20	19.0 [18.0]	9.30
Barium	40.0	35.0 J	120 J [110 J]	120 J
Beryllium	ND(0.500)	ND(0.500)	ND(0.500) [ND(0.500)]	ND(0.500)
Cadmium	ND(0.500)	ND(0.500)	ND(0.500) [ND(0.500)]	ND(0.500)
Chromium	3.70	9.80	12.0 [13.0]	17.0
Cobalt	6.70	9.60	ND(5.00) [ND(5.00)]	9.20
Copper	13.0	24.0 J	110 J [120 J]	210 J
Cyanide	ND(0.110)	ND(0.100)	0.330 [0.470]	0.340
Lead	5.10	7.80	130 [160]	150
Mercury	ND(0.110)	ND(0.100)	0.560 [0.780]	0.200
Nickel	8.40	19.0	12.0 [12.0]	21.0
Selenium	ND(1.00)	ND(1.00) J	1.20 J [0.700 J]	0.560 J
Silver	ND(1.00)	ND(1.00)	ND(1.00) [ND(1.00)]	ND(1.00)
Sulfide	31.0	18.0 J	61.0 J [41.0 J]	56.0 J
Thallium	ND(1.60)	1.70 J	3.70 J [2.30 J]	3.30 J
Tin	ND(10.0)	ND(10.0)	16.0 J [18.0 J]	17.0 J
Vanadium	ND(5.00)	14.0 J	18.0 J [18.0 J]	18.0 J
Zinc	30.0	45.0	270 [300]	390

TABLE B-1
PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Notes:

1. Samples were collected by Blasland Bouck & Lee, Inc., and were submitted to CT&E Environmental Services, Inc. for analysis of Appendix IX + 3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan, General Electric Company, Pittsfield, Massachusetts, Blasland Bouck & Lee, Inc. (approved November 4, 2002 and resubmitted December 10, 2002).
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. NS - Not Sampled - Parameter was not requested on sample chain of custody form.
5. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
6. Duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (volatiles, PCBs, semivolatiles, pesticides, herbicides, dioxin/furans)

B - Analyte was also detected in the associated method blank.
E - Analyte exceeded calibration range.
I - Polychlorinated Diphenyl Ether (PCDPE) interference.
J - Indicates that the associated numerical value is an estimated concentration.
Q - Indicates the presence of quantitative interferences.
X - Estimated maximum possible concentration.
Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.
S - The quantity of analyte has saturated the detector. This may cause the ion ratio to be outside of theoretical limits.
R - Data was rejected due to a quality assurance/quality control deficiency.

Inorganics

B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).
J - Indicates that the associated numerical value is an estimated concentration.