Appendix B

Soil Analytical Results

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-A28 0-1 08/27/02	RAA12-B26 0-1 09/03/02	RAA12-B26 1-3 09/03/02	RAA12-B26 6-8 09/03/02	RAA12-B26 6-10 09/03/02	RAA12-C27 0-1 08/27/02
Volatile Organics						
1,1,1,2-Tetrachloroethane	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA	ND(0.0058)
1,1,1-Trichloroethane	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA	ND(0.0058)
1,1,2,2-Tetrachloroethane	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA	ND(0.0058)
1,1,2-Trichloroethane	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA	ND(0.0058)
1,1-Dichloroethane	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA	ND(0.0058)
1,1-Dichloroethene	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA	ND(0.0058)
1,2,3-Trichloropropane	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA	ND(0.0058)
1,2-Dibromo-3-chloropropane	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA	ND(0.0058)
1,2-Dibromoethane	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA	ND(0.0058)
1,2-Dichloroethane	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA	ND(0.0058)
1,2-Dichloropropane	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA	ND(0.0058)
1,4-Dioxane	ND(0.10) J	ND(0.11) J	ND(0.11) J	ND(0.13) J [ND(0.13) J]	NA	ND(0.12) J
2-Butanone	ND(0.010)	ND(0.011)	ND(0.011)	ND(0.013) [ND(0.013)]	NA	ND(0.012)
2-Chloro-1,3-butadiene	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA	ND(0.0058)
2-Chloroethylvinylether	ND(0.0052) J	ND(0.0054) J	ND(0.0055) J	ND(0.0066) J [ND(0.0066) J]	NA	ND(0.0058) J
2-Hexanone	ND(0.010)	ND(0.011)	ND(0.011)	ND(0.013) [ND(0.013)]	NA	ND(0.012)
3-Chloropropene	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA	ND(0.0058)
4-Methyl-2-pentanone	ND(0.010)	ND(0.011)	ND(0.011)	ND(0.013) [ND(0.013)]	NA	ND(0.012)
Acetone	0.014 J	ND(0.022)	ND(0.022)	ND(0.026) [ND(0.026)]	NA	0.012 J
Acetonitrile	ND(0.10)	ND(0.11) J	ND(0.11) J	ND(0.13) J [ND(0.13) J]	NA	ND(0.12)
Acrolein	ND(0.10) J	ND(0.11) J	ND(0.11) J	ND(0.13) J [ND(0.13) J]	NA	ND(0.12) J
Acrylonitrile	ND(0.0052)	ND(0.0054) J	ND(0.0055) J	ND(0.0066) J [ND(0.0066) J]	NA	ND(0.0058)
Benzene	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA	ND(0.0058)
Bromodichloromethane	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA	ND(0.0058)
Bromoform	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA	ND(0.0058)
Bromomethane	ND(0.0052)	ND(0.0054) J	ND(0.0055) J	ND(0.0066) J [ND(0.0066) J]	NA	ND(0.0058)
Carbon Disulfide	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA	ND(0.0058)
Carbon Tetrachloride	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA	ND(0.0058)
Chlorobenzene	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA	ND(0.0058)
Chloroethane	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA	ND(0.0058)
Chloroform	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA	ND(0.0058)
Chloromethane	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA	ND(0.0058)
cis-1,3-Dichloropropene	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA	ND(0.0058)
Dibromochloromethane	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA	ND(0.0058)
Dibromomethane	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA	ND(0.0058)
Dichlorodifluoromethane	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA	ND(0.0058)
Ethyl Methacrylate	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA	ND(0.0058)
Ethylbenzene	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA	ND(0.0058)
Iodomethane	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA	ND(0.0058)
Isobutanol	ND(0.10)	ND(0.11) J	ND(0.11) J	ND(0.13) J [ND(0.13) J]	NA	ND(0.12)
Methacrylonitrile	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA	ND(0.0058)
Methyl Methacrylate	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA	ND(0.0058)
Methylene Chloride	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA	ND(0.0058)
Propionitrile	ND(0.010)	ND(0.011) J	ND(0.011) J	ND(0.013) J [ND(0.013) J]	NA	ND(0.012)
Styrene	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA	ND(0.0058)
Tetrachloroethene	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA	ND(0.0058)
Toluene	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA	ND(0.0058)
trans-1,2-Dichloroethene	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA	ND(0.0058)
trans-1,3-Dichloropropene	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA	ND(0.0058)
trans-1,4-Dichloro-2-butene	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA	ND(0.0058)
Trichloroethene	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA	ND(0.0058)
Trichlorofluoromethane	ND(0.0052) J	ND(0.0054) J	ND(0.0055) J	ND(0.0066) J [ND(0.0066) J]	NA	ND(0.0058) J
Vinyl Acetate	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA	ND(0.0058)
Vinyl Chloride	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA	ND(0.0058)
Xylenes (total)	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA	ND(0.0058)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
1,2,4-Trichlorobenzene	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
1,2-Dichlorobenzene	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
1,2-Diphenylhydrazine	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
1,3,5-Trinitrobenzene	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
1,3-Dichlorobenzene	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
1,3-Dinitrobenzene	ND(0.70)	ND(0.73)	ND(0.74)	NA	ND(0.88) [ND(0.89)]	ND(1.0)
1,4-Dichlorobenzene	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
1,4-Naphthoquinone	ND(0.70)	ND(0.73)	ND(0.74)	NA	ND(0.88) [ND(0.89)]	ND(1.0)
1-Naphthylamine	ND(0.70)	ND(0.73)	ND(0.74)	NA	ND(0.88) [ND(0.89)]	ND(1.0)
2,3,4,6-Tetrachlorophenol	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-A28 0-1 08/27/02	RAA12-B26 0-1 09/03/02	RAA12-B26 1-3 09/03/02	RAA12-B26 6-8 09/03/02	RAA12-B26 6-10 09/03/02	RAA12-C27 0-1 08/27/02
Semivolatile Organics (continued)						
2,4,5-Trichlorophenol	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
2,4,6-Trichlorophenol	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
2,4-Dichlorophenol	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
2,4-Dimethylphenol	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
2,4-Dinitrophenol	ND(1.8)	ND(1.8)	ND(1.9)	NA	ND(2.2) [ND(2.3)]	ND(5.2)
2,4-Dinitrotoluene	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
2,6-Dichlorophenol	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
2,6-Dinitrotoluene	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
2-Acetylaminofluorene	ND(0.70)	ND(0.73) J	ND(0.74) J	NA	ND(0.88) J [ND(0.89) J]	ND(1.0)
2-Chloronaphthalene	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
2-Chlorophenol	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
2-Methylnaphthalene	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
2-Methylphenol	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
2-Naphthylamine	ND(0.70)	ND(0.73)	ND(0.74)	NA	ND(0.88) [ND(0.89)]	ND(1.0)
2-Nitroaniline	ND(1.8)	ND(1.8)	ND(1.9)	NA	ND(2.2) [ND(2.3)]	ND(5.2)
2-Nitrophenol	ND(0.70)	ND(0.73)	ND(0.74)	NA	ND(0.88) [ND(0.89)]	ND(1.0)
2-Picoline	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
3&4-Methylphenol	ND(0.70)	ND(0.73)	ND(0.74)	NA	ND(0.88) [ND(0.89)]	ND(1.0)
3,3'-Dichlorobenzidine	ND(0.70)	ND(0.73)	ND(0.74)	NA	ND(0.88) [ND(0.89)]	ND(2.1)
3,3'-Dimethylbenzidine	ND(0.35)	ND(0.36) J	ND(0.37) J	NA	ND(0.44) J [ND(0.44) J]	ND(1.0)
3-Methylcholanthrene	ND(0.70)	ND(0.73)	ND(0.74)	NA	ND(0.88) [ND(0.89)]	ND(1.0)
3-Nitroaniline	ND(1.8)	ND(1.8) J	ND(1.9) J	NA	ND(2.2) J [ND(2.3) J]	ND(5.2)
4,6-Dinitro-2-methylphenol	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
4-Aminobiphenyl	ND(0.70)	ND(0.73) J	ND(0.74) J	NA	ND(0.88) J [ND(0.89) J]	ND(1.0)
4-Bromophenyl-phenylether	ND(0.35)	ND(0.36) J	ND(0.37) J	NA	ND(0.44) J [ND(0.44) J]	ND(1.0)
4-Chloro-3-Methylphenol	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
4-Chloroaniline	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
4-Chlorobenzilate	ND(0.70) J	ND(0.73) J	ND(0.74) J	NA	ND(0.88) J [ND(0.89) J]	ND(1.0) J
4-Chlorophenyl-phenylether	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
4-Nitroaniline	ND(1.8)	ND(1.8)	ND(1.9)	NA	ND(2.2) [ND(2.3)]	ND(2.0)
4-Nitrophenol	ND(1.8)	ND(1.8)	ND(1.9)	NA	ND(2.2) [ND(2.3)]	ND(5.2)
4-Nitroquinoline-1-oxide	ND(0.70)	ND(0.73)	ND(0.74)	NA	ND(0.88) [ND(0.89)]	ND(1.0)
4-Phenylenediamine	ND(0.70) J	ND(0.73) J	ND(0.74) J	NA	ND(0.88) J [ND(0.89) J]	ND(1.0) J
5-Nitro-o-toluidine	ND(0.70)	ND(0.73)	ND(0.74)	NA	ND(0.88) [ND(0.89)]	ND(1.0)
7,12-Dimethylbenz(a)anthracene	ND(0.70)	ND(0.73)	ND(0.74)	NA	ND(0.88) [ND(0.89)]	ND(1.0)
a,a'-Dimethylphenethylamine	ND(0.70)	ND(0.73)	ND(0.74)	NA	ND(0.88) [ND(0.89)]	ND(1.0)
Acenaphthene	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
Acenaphthylene	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
Acetophenone	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
Aniline	0.51	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
Anthracene	0.60	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
Aramite	ND(0.70) J	ND(0.73) J	ND(0.74) J	NA	ND(0.88) J [ND(0.89) J]	ND(1.0) J
Benzidine	ND(0.70) J	ND(0.73)	ND(0.74)	NA	ND(0.88) [ND(0.89)]	ND(2.1) J
Benzo(a)anthracene	1.6	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	0.76 J
Benzo(a)pyrene	1.1	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	0.47 J
Benzo(b)fluoranthene	1.4	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	0.74 J
Benzo(g,h,i)perylene	0.92	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	0.34 J
Benzo(k)fluoranthene	1.0	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	0.51 J
Benzyl Alcohol	ND(0.70)	ND(0.73)	ND(0.74)	NA	ND(0.88) [ND(0.89)]	ND(2.1)
bis(2-Chloroethoxy)methane	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
bis(2-Chloroethyl)ether	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
bis(2-Chloroisopropyl)ether	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
bis(2-Ethylhexyl)phthalate	ND(0.35)	ND(0.36)	ND(0.36)	NA	ND(0.44) [ND(0.44)]	ND(0.52)
Butylbenzylphthalate	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
Chrysene	1.7	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	0.96 J
Diallate	ND(0.70)	ND(0.73)	ND(0.74)	NA	ND(0.88) [ND(0.89)]	ND(1.0)
Dibenzo(a,h)anthracene	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
Dibenzofuran	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
Diethylphthalate	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
Dimethylphthalate	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
Di-n-Butylphthalate	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
Di-n-Octylphthalate	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
Diphenylamine	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
Ethyl Methanesulfonate	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
Fluoranthene	2.4	0.16 J	ND(0.37)	NA	ND(0.44) [ND(0.44)]	1.1

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

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

Sample ID:	RAA12-A28	RAA12-B26	RAA12-B26	RAA12-B26	RAA12-B26	RAA12-C27
Sample Depth(Feet):	0-1	0-1	1-3	6-8	6-10	0-1
Parameter Date Collected:	08/27/02	09/03/02	09/03/02	09/03/02	09/03/02	08/27/02
Semivolatile Organics (continued)						
Fluorene	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
Hexachlorobenzene	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
Hexachlorobutadiene	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
Hexachlorocyclopentadiene	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
Hexachloroethane	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
Hexachlorophene	ND(0.70)	ND(0.73)	ND(0.74)	NA	ND(0.88) [ND(0.89)]	ND(2.1)
Hexachloropropene	ND(0.35) J	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0) J
Indeno(1,2,3-cd)pyrene	0.88	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	0.36 J
Isodrin	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
Isophorone	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
Isosafrole	ND(0.70)	ND(0.73)	ND(0.74)	NA	ND(0.88) [ND(0.89)]	ND(1.0)
Methapyrilene	ND(0.70)	ND(0.73) J	ND(0.74) J	NA	ND(0.88) J [ND(0.89) J]	ND(1.0)
Methyl Methanesulfonate	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
Naphthalene	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
Nitrobenzene	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
N-Nitrosodiethylamine	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
N-Nitrosodimethylamine	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
N-Nitroso-di-n-butylamine	ND(0.70)	ND(0.73)	ND(0.74)	NA	ND(0.88) [ND(0.89)]	ND(1.0)
N-Nitroso-di-n-propylamine	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
N-Nitrosodiphenylamine	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
N-Nitrosomethylethylamine	ND(0.70)	ND(0.73)	ND(0.74)	NA	ND(0.88) [ND(0.89)]	ND(1.0)
N-Nitrosomorpholine	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
N-Nitrosopiperidine	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
N-Nitrosopyrrolidine	ND(0.70)	ND(0.73)	ND(0.74)	NA	ND(0.88) [ND(0.89)]	ND(1.0)
o,o,o-Triethylphosphorothioate	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
o-Toluidine	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
p-Dimethylaminoazobenzene	ND(0.70)	ND(0.73)	ND(0.74)	NA	ND(0.88) [ND(0.89)]	ND(1.0)
Pentachlorobenzene	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
Pentachloroethane	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
Pentachloronitrobenzene	ND(0.70) J	ND(0.73)	ND(0.74)	NA	ND(0.88) [ND(0.89)]	ND(1.0) J
Pentachlorophenol	ND(1.8)	ND(1.8)	ND(1.9)	NA	ND(2.2) [ND(2.3)]	ND(5.2)
Phenacetin	ND(0.70)	ND(0.73)	ND(0.74)	NA	ND(0.88) [ND(0.89)]	ND(1.0)
Phenanthrene	2.1	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	0.83 J
Phenol	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
Pronamide	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
Pyrene	3.6	0.23 J	ND(0.37)	NA	ND(0.44) [ND(0.44)]	2.3
Pyridine	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
Safrole	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
Thionazin	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]	ND(1.0)
Organochlorine Pesticides						
4,4'-DDD	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA	NA
Alpha-BHC	NA	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	NA	NA	NA	NA	NA	NA
Endrin	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA	NA	NA
Endrin Ketone	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	NA	NA	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA	NA
Kepone	NA	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA	NA	NA

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-A28 0-1 08/27/02	RAA12-B26 0-1 09/03/02	RAA12-B26 1-3 09/03/02	RAA12-B26 6-8 09/03/02	RAA12-B26 6-10 09/03/02	RAA12-C27 0-1 08/27/02
Organophosphate Pesticides						
Dimethoate	NA	NA	NA	NA	NA	NA
Disulfoton	NA	NA	NA	NA	NA	NA
Ethyl Parathion	NA	NA	NA	NA	NA	NA
Famphur	NA	NA	NA	NA	NA	NA
Methyl Parathion	NA	NA	NA	NA	NA	NA
Phorate	NA	NA	NA	NA	NA	NA
Sulfotep	NA	NA	NA	NA	NA	NA
Herbicides						
2,4,5-T	NA	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA	NA	NA
Dinoseb	NA	NA	NA	NA	NA	NA
Furans						
2,3,7,8-TCDF	0.000065 Y	0.000027 Y	0.0000084 Y	NA	ND(0.00000022) [ND(0.00000028)]	0.000039 Y
TCDFs (total)	0.00048	0.00029	0.000099	NA	ND(0.00000022) [ND(0.00000028)]	0.00035
1,2,3,7,8-PeCDF	0.000028	0.000014	0.0000059	NA	ND(0.00000055) [ND(0.00000060)]	0.000015
2,3,4,7,8-PeCDF	0.000042	0.000020 Q	0.0000088 Q	NA	ND(0.00000055) [ND(0.00000060)]	0.000026
PeCDFs (total)	0.00048 Q	0.00024 Q	0.000086 Q	NA	ND(0.00000055) [ND(0.00000060)]	0.00031 Q
1,2,3,4,7,8-HxCDF	0.000039	0.000014	0.0000045	NA	ND(0.00000055) [ND(0.00000060)]	0.000021
1,2,3,6,7,8-HxCDF	0.000023	0.0000098	0.0000034	NA	ND(0.00000055) [ND(0.00000060)]	0.000013
1,2,3,7,8,9-HxCDF	0.0000061	0.0000024 J	0.0000011 J	NA	ND(0.00000055) [ND(0.00000060)]	0.0000032
2,3,4,6,7,8-HxCDF	0.000028	0.000011	0.0000036	NA	ND(0.00000055) [ND(0.00000060)]	0.000017
HxCDFs (total)	0.00036	0.00014	0.000036	NA	ND(0.00000055) [ND(0.00000060)]	0.00023
1,2,3,4,6,7,8-HpCDF	0.000076	0.000024	0.0000065	NA	ND(0.00000055) [ND(0.00000060)]	0.000044
1,2,3,4,7,8,9-HpCDF	0.0000076	0.0000026 J	0.00000058 J	NA	ND(0.00000055) [ND(0.00000060)]	0.0000046
HpCDFs (total)	0.00013	0.000042	0.0000094	NA	ND(0.00000055) [ND(0.00000060)]	0.000091
OCDF	0.000057	0.000022	0.0000022 J	NA	ND(0.0000011) [ND(0.0000012)]	0.000065
Dioxins						
2,3,7,8-TCDD	0.0000012 J	0.00000078 J	ND(0.00000043) X	NA	ND(0.00000029) [ND(0.00000028)]	0.00000087 J
TCDDs (total)	0.000018	0.000012	0.0000035	NA	ND(0.00000029) [ND(0.00000028)]	0.000011
1,2,3,7,8-PeCDD	0.0000026 J	0.0000019 J	0.00000098 J	NA	ND(0.00000055) [ND(0.00000060)]	ND(0.0000012) X
PeCDDs (total)	0.000036 Q	0.000016 Q	0.0000088 Q	NA	ND(0.00000055) [ND(0.00000060)]	0.000015 Q
1,2,3,4,7,8-HxCDD	0.0000030 J	0.0000010 J	0.00000052 J	NA	ND(0.00000055) [ND(0.00000060)]	0.0000014 J
1,2,3,6,7,8-HxCDD	0.0000037 J	0.0000017 J	0.00000071 J	NA	ND(0.00000055) [ND(0.00000060)]	0.0000023 J
1,2,3,7,8,9-HxCDD	0.0000031 J	0.0000012 J	0.00000053 J	NA	ND(0.00000055) [ND(0.00000060)]	0.0000019 J
HxCDDs (total)	0.000061	0.000020	0.0000086	NA	ND(0.00000061) [ND(0.00000091)]	0.000022
1,2,3,4,6,7,8-HpCDD	0.000024	0.000014	0.0000019 J	NA	ND(0.00000055) [ND(0.00000060)]	0.000028
HpCDDs (total)	0.000048	0.000041	0.0000037	NA	ND(0.00000055) [ND(0.00000060)]	0.000053
OCDD	0.00010	0.000080	ND(0.0000032)	NA	ND(0.0000013) [ND(0.0000013)]	0.00016
Total TEQs (WHO TEFs)	0.000044	0.000021	0.0000083	NA	0.00000078 [0.00000084]	0.000026
Inorganics						
Antimony	1.70 B	1.70 B	1.60 B	NA	ND(6.00) [ND(6.00)]	1.10 B
Arsenic	6.10	5.80	4.80	NA	1.90 [2.40]	5.20
Barium	110	450	310	NA	27.0 [28.0]	56.0
Beryllium	0.280 B	0.170 B	0.180 B	NA	0.330 B [ND(0.500)]	0.340 B
Cadmium	0.890	0.710	0.570	NA	0.410 B [ND(0.500)]	0.710
Chromium	11.0	11.0	9.40	NA	10.0 [13.0]	8.80
Cobalt	6.20	8.10	6.90	NA	7.90 [10.0]	6.20
Copper	97.0	26.0	26.0	NA	16.0 [23.0]	36.0
Cyanide	0.240	0.290	ND(0.550)	NA	ND(0.130) [ND(0.130)]	0.210
Lead	260	250	230	NA	6.00 [8.80]	110
Mercury	0.400	0.310	0.270	NA	ND(0.130) [ND(0.130)]	0.180
Nickel	17.0	13.0	10.0	NA	16.0 [18.0]	12.0
Selenium	0.940 B	0.500 J	0.550 J	NA	ND(1.00) J [0.690 J]	0.680 B
Silver	ND(1.00)	ND(1.00)	ND(1.00)	NA	ND(1.00) [ND(1.00)]	ND(1.00)
Sulfide	18.0	42.0	520	NA	36.0 [34.0]	37.0
Thallium	ND(1.00)	ND(1.60)	ND(1.60)	NA	ND(2.00) [ND(2.00)]	ND(1.20)
Tin	30.0	ND(10.0)	ND(10.0)	NA	ND(10.0) [ND(10.0)]	ND(10.0)
Vanadium	14.0	5.20	7.60	NA	11.0 [14.0]	13.0
Zinc	230	260	230	NA	51.0 [59.0]	120

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-D28 0-1 09/03/02	RAA12-D28 3-4 09/03/02	RAA12-D28 3-6 09/03/02	RAA12-D28 10-12 09/03/02	RAA12-D28 10-15 09/03/02	RAA12-D30 0-1 09/05/02	RAA12-D30 6-10 09/05/02	RAA12-D30 8-10 09/05/02
Volatile Organics								
1,1,1,2-Tetrachloroethane	ND(0.0074)	ND(0.0072)	NA	ND(0.0058)	NA	ND(0.0055)	NA	ND(0.0057)
1,1,1-Trichloroethane	ND(0.0074)	ND(0.0072)	NA	ND(0.0058)	NA	ND(0.0055)	NA	ND(0.0057)
1,1,2,2-Tetrachloroethane	ND(0.0074)	ND(0.0072)	NA	ND(0.0058)	NA	ND(0.0055)	NA	ND(0.0057)
1,1,2-Trichloroethane	ND(0.0074)	ND(0.0072)	NA	ND(0.0058)	NA	ND(0.0055)	NA	ND(0.0057)
1,1-Dichloroethane	ND(0.0074)	ND(0.0072)	NA	ND(0.0058)	NA	ND(0.0055)	NA	ND(0.0057)
1,1-Dichloroethene	ND(0.0074)	ND(0.0072)	NA	ND(0.0058)	NA	ND(0.0055)	NA	ND(0.0057)
1,2,3-Trichloropropane	ND(0.0074)	ND(0.0072)	NA	ND(0.0058)	NA	ND(0.0055)	NA	ND(0.0057)
1,2-Dibromo-3-chloropropane	ND(0.0074)	ND(0.0072)	NA	ND(0.0058)	NA	ND(0.0055)	NA	ND(0.0057)
1,2-Dibromoethane	ND(0.0074)	ND(0.0072)	NA	ND(0.0058)	NA	ND(0.0055)	NA	ND(0.0057)
1,2-Dichloroethane	ND(0.0074)	ND(0.0072)	NA	ND(0.0058)	NA	ND(0.0055)	NA	ND(0.0057)
1,2-Dichloropropane	ND(0.0074)	ND(0.0072)	NA	ND(0.0058)	NA	ND(0.0055)	NA	ND(0.0057)
1,4-Dioxane	ND(0.15) J	ND(0.14) J	NA	ND(0.12) J	NA	ND(0.11) J	NA	ND(0.11) J
2-Butanone	ND(0.015)	ND(0.014)	NA	ND(0.012)	NA	ND(0.011)	NA	ND(0.011)
2-Chloro-1,3-butadiene	ND(0.0074)	ND(0.0072)	NA	ND(0.0058)	NA	ND(0.0055)	NA	ND(0.0057)
2-Chloroethylvinylether	ND(0.0074) J	ND(0.0072) J	NA	ND(0.0058) J	NA	ND(0.0055) J	NA	ND(0.0057) J
2-Hexanone	ND(0.015)	ND(0.014)	NA	ND(0.012)	NA	ND(0.011)	NA	ND(0.011)
3-Chloropropene	ND(0.0074)	ND(0.0072)	NA	ND(0.0058)	NA	ND(0.0055)	NA	ND(0.0057)
4-Methyl-2-pentanone	ND(0.015)	ND(0.014)	NA	ND(0.012)	NA	ND(0.011)	NA	ND(0.011)
Acetone	ND(0.030)	0.020 J	NA	ND(0.023)	NA	ND(0.022) J	NA	ND(0.023) J
Acetonitrile	ND(0.15) J	ND(0.14) J	NA	ND(0.12) J	NA	ND(0.11)	NA	ND(0.11)
Acrolein	ND(0.15) J	ND(0.14) J	NA	ND(0.12) J	NA	ND(0.11) J	NA	ND(0.11) J
Acrylonitrile	ND(0.0074) J	ND(0.0072) J	NA	ND(0.0058) J	NA	ND(0.0055)	NA	ND(0.0057)
Benzene	ND(0.0074)	ND(0.0072)	NA	ND(0.0058)	NA	ND(0.0055)	NA	ND(0.0057)
Bromodichloromethane	ND(0.0074)	ND(0.0072)	NA	ND(0.0058)	NA	ND(0.0055)	NA	ND(0.0057)
Bromoform	ND(0.0074)	ND(0.0072)	NA	ND(0.0058)	NA	ND(0.0055)	NA	ND(0.0057)
Bromomethane	ND(0.0074) J	ND(0.0072) J	NA	ND(0.0058) J	NA	ND(0.0055)	NA	ND(0.0057)
Carbon Disulfide	ND(0.0074)	ND(0.0072)	NA	ND(0.0058)	NA	ND(0.0055)	NA	ND(0.0057)
Carbon Tetrachloride	ND(0.0074)	ND(0.0072)	NA	ND(0.0058)	NA	ND(0.0055) J	NA	ND(0.0057) J
Chlorobenzene	ND(0.0074)	ND(0.0072)	NA	ND(0.0058)	NA	ND(0.0055)	NA	ND(0.0057)
Chloroethane	ND(0.0074)	ND(0.0072)	NA	ND(0.0058)	NA	ND(0.0055)	NA	ND(0.0057)
Chloroform	ND(0.0074)	ND(0.0072)	NA	ND(0.0058)	NA	ND(0.0055)	NA	ND(0.0057)
Chloromethane	ND(0.0074)	ND(0.0072)	NA	ND(0.0058)	NA	ND(0.0055)	NA	ND(0.0057)
cis-1,3-Dichloropropene	ND(0.0074)	ND(0.0072)	NA	ND(0.0058)	NA	ND(0.0055)	NA	ND(0.0057)
Dibromochloromethane	ND(0.0074)	ND(0.0072)	NA	ND(0.0058)	NA	ND(0.0055)	NA	ND(0.0057)
Dibromomethane	ND(0.0074)	ND(0.0072)	NA	ND(0.0058)	NA	ND(0.0055)	NA	ND(0.0057)
Dichlorodifluoromethane	ND(0.0074)	ND(0.0072)	NA	ND(0.0058)	NA	ND(0.0055) J	NA	ND(0.0057) J
Ethyl Methacrylate	ND(0.0074)	ND(0.0072)	NA	ND(0.0058)	NA	ND(0.0055)	NA	ND(0.0057)
Ethylbenzene	ND(0.0074)	ND(0.0072)	NA	ND(0.0058)	NA	ND(0.0055)	NA	ND(0.0057)
Iodomethane	ND(0.0074)	ND(0.0072)	NA	ND(0.0058)	NA	ND(0.0055)	NA	ND(0.0057)
Isobutanol	ND(0.15) J	ND(0.14) J	NA	ND(0.12) J	NA	ND(0.11)	NA	ND(0.11)
Methacrylonitrile	ND(0.0074)	ND(0.0072)	NA	ND(0.0058)	NA	ND(0.0055)	NA	ND(0.0057)
Methyl Methacrylate	ND(0.0074)	ND(0.0072)	NA	ND(0.0058)	NA	ND(0.0055)	NA	ND(0.0057)
Methylene Chloride	ND(0.0074)	ND(0.0072)	NA	ND(0.0058)	NA	ND(0.0055)	NA	ND(0.0057)
Propionitrile	ND(0.015) J	ND(0.014) J	NA	ND(0.012) J	NA	ND(0.011)	NA	ND(0.011)
Styrene	ND(0.0074)	ND(0.0072)	NA	ND(0.0058)	NA	ND(0.0055)	NA	ND(0.0057)
Tetrachloroethene	ND(0.0074)	ND(0.0072)	NA	ND(0.0058)	NA	ND(0.0055)	NA	ND(0.0057)
Toluene	ND(0.0074)	ND(0.0072)	NA	0.0029 J	NA	ND(0.0055)	NA	ND(0.0057)
trans-1,2-Dichloroethene	ND(0.0074)	ND(0.0072)	NA	ND(0.0058)	NA	ND(0.0055)	NA	ND(0.0057)
trans-1,3-Dichloropropene	ND(0.0074)	ND(0.0072)	NA	ND(0.0058)	NA	ND(0.0055)	NA	ND(0.0057)
trans-1,4-Dichloro-2-butene	ND(0.0074)	ND(0.0072)	NA	ND(0.0058)	NA	ND(0.0055)	NA	ND(0.0057)
Trichloroethene	ND(0.0074)	ND(0.0072)	NA	ND(0.0058)	NA	ND(0.0055)	NA	ND(0.0057)
Trichlorofluoromethane	ND(0.0074) J	ND(0.0072) J	NA	ND(0.0058) J	NA	ND(0.0055) J	NA	ND(0.0057) J
Vinyl Acetate	ND(0.0074)	ND(0.0072)	NA	ND(0.0058)	NA	ND(0.0055)	NA	ND(0.0057)
Vinyl Chloride	ND(0.0074)	ND(0.0072)	NA	ND(0.0058)	NA	ND(0.0055)	NA	ND(0.0057)
Xylenes (total)	ND(0.0074)	ND(0.0072)	NA	ND(0.0058)	NA	ND(0.0055)	NA	ND(0.0057)
Semivolatile Organics								
1,2,4,5-Tetrachlorobenzene	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
1,2,4-Trichlorobenzene	ND(0.50)	NA	ND(0.48)	NA	ND(0.38) J	ND(0.36)	ND(0.38)	NA
1,2-Dichlorobenzene	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
1,2-Diphenylhydrazine	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
1,3,5-Trinitrobenzene	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36) J	ND(0.38) J	NA
1,3-Dichlorobenzene	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
1,3-Dinitrobenzene	ND(1.0)	NA	ND(0.96)	NA	ND(0.77)	ND(0.74)	ND(0.77)	NA
1,4-Dichlorobenzene	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
1,4-Naphthoquinone	ND(1.0)	NA	ND(0.96)	NA	ND(0.77)	ND(0.74)	ND(0.77)	NA
1-Naphthylamine	ND(1.0)	NA	ND(0.96)	NA	ND(0.77)	ND(0.74)	ND(0.77)	NA
2,3,4,6-Tetrachlorophenol	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-D28 0-1 09/03/02	RAA12-D28 3-4 09/03/02	RAA12-D28 3-6 09/03/02	RAA12-D28 10-12 09/03/02	RAA12-D28 10-15 09/03/02	RAA12-D30 0-1 09/05/02	RAA12-D30 6-10 09/05/02	RAA12-D30 8-10 09/05/02
Semivolatile Organics (continued)								
2,4,5-Trichlorophenol	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
2,4,6-Trichlorophenol	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
2,4-Dichlorophenol	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
2,4-Dimethylphenol	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
2,4-Dinitrophenol	ND(2.5)	NA	ND(2.4)	NA	ND(2.0)	ND(1.9)	ND(1.9)	NA
2,4-Dinitrotoluene	ND(0.50)	NA	ND(0.48)	NA	ND(0.38) J	ND(0.36)	ND(0.38)	NA
2,6-Dichlorophenol	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
2,6-Dinitrotoluene	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
2-Acetylaminofluorene	ND(1.0) J	NA	ND(0.96) J	NA	ND(0.77) J	ND(0.74)	ND(0.77)	NA
2-Chloronaphthalene	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
2-Chlorophenol	ND(0.50)	NA	ND(0.48)	NA	ND(0.38) J	ND(0.36)	ND(0.38)	NA
2-Methylnaphthalene	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
2-Methylphenol	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
2-Naphthylamine	ND(1.0)	NA	ND(0.96)	NA	ND(0.77)	ND(0.74)	ND(0.77)	NA
2-Nitroaniline	ND(2.5)	NA	ND(2.4)	NA	ND(2.0)	ND(1.9)	ND(1.9)	NA
2-Nitrophenol	ND(1.0)	NA	ND(0.96)	NA	ND(0.77)	ND(0.74)	ND(0.77)	NA
2-Picoline	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
3&4-Methylphenol	ND(1.0)	NA	ND(0.96)	NA	ND(0.77)	ND(0.74)	ND(0.77)	NA
3,3'-Dichlorobenzidine	ND(1.0)	NA	ND(0.96)	NA	ND(0.77)	ND(0.74) J	ND(0.77) J	NA
3,3'-Dimethylbenzidine	ND(0.50) J	NA	ND(0.48) J	NA	ND(0.38) J	ND(0.36)	ND(0.38)	NA
3-Methylcholanthrene	ND(1.0)	NA	ND(0.96)	NA	ND(0.77)	ND(0.74)	ND(0.77)	NA
3-Nitroaniline	ND(2.5) J	NA	ND(2.4) J	NA	ND(2.0) J	ND(1.9)	ND(1.9)	NA
4,6-Dinitro-2-methylphenol	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
4-Aminobiphenyl	ND(1.0) J	NA	ND(0.96) J	NA	ND(0.77) J	ND(0.74) J	ND(0.77) J	NA
4-Bromophenyl-phenylether	ND(0.50) J	NA	ND(0.48) J	NA	ND(0.38) J	ND(0.36)	ND(0.38)	NA
4-Chloro-3-Methylphenol	ND(0.50)	NA	ND(0.48)	NA	ND(0.38) J	ND(0.36)	ND(0.38)	NA
4-Chloroaniline	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
4-Chlorobenzilate	ND(1.0) J	NA	ND(0.96) J	NA	ND(0.77) J	ND(0.74) J	ND(0.77) J	NA
4-Chlorophenyl-phenylether	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
4-Nitroaniline	ND(2.5)	NA	ND(2.4)	NA	ND(2.0)	ND(1.9)	ND(1.9)	NA
4-Nitrophenol	ND(2.5)	NA	ND(2.4)	NA	ND(2.0) J	ND(1.9)	ND(1.9)	NA
4-Nitroquinoline-1-oxide	ND(1.0)	NA	ND(0.96)	NA	ND(0.77)	ND(0.74)	ND(0.77)	NA
4-Phenylenediamine	ND(1.0) J	NA	ND(0.96) J	NA	ND(0.77) J	ND(0.74) J	ND(0.77) J	NA
5-Nitro-o-toluidine	ND(1.0)	NA	ND(0.96)	NA	ND(0.77)	ND(0.74)	ND(0.77)	NA
7,12-Dimethylbenz(a)anthracene	ND(1.0)	NA	ND(0.96)	NA	ND(0.77)	ND(0.74)	ND(0.77)	NA
a,a'-Dimethylphenethylamine	ND(1.0)	NA	ND(0.96)	NA	ND(0.77)	ND(0.74)	ND(0.77)	NA
Acenaphthene	ND(0.50)	NA	ND(0.48)	NA	ND(0.38) J	ND(0.36)	ND(0.38)	NA
Acenaphthylene	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
Acetophenone	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
Aniline	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
Anthracene	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
Aramite	ND(1.0) J	NA	ND(0.96) J	NA	ND(0.77) J	ND(0.74) J	ND(0.77) J	NA
Benzidine	ND(1.0)	NA	ND(0.96)	NA	ND(0.77)	ND(0.74) J	ND(0.77) J	NA
Benzo(a)anthracene	0.24 J	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
Benzo(a)pyrene	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	0.17 J	ND(0.38)	NA
Benzo(b)fluoranthene	0.29 J	NA	ND(0.48)	NA	ND(0.38)	0.19 J	ND(0.38)	NA
Benzo(g,h,i)perylene	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	0.14 J	ND(0.38)	NA
Benzo(k)fluoranthene	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	0.11 J	ND(0.38)	NA
Benzyl Alcohol	ND(1.0)	NA	ND(0.96)	NA	ND(0.77)	ND(0.74)	ND(0.77)	NA
bis(2-Chloroethoxy)methane	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
bis(2-Chloroethyl)ether	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
bis(2-Chloroisopropyl)ether	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
bis(2-Ethylhexyl)phthalate	ND(0.49)	NA	ND(0.47)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
Butylbenzylphthalate	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
Chrysene	0.21 J	NA	ND(0.48)	NA	ND(0.38)	0.24 J	ND(0.38)	NA
Diallate	ND(1.0)	NA	ND(0.96)	NA	ND(0.77)	ND(0.74)	ND(0.77)	NA
Dibenzo(a,h)anthracene	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
Dibenzofuran	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
Diethylphthalate	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
Dimethylphthalate	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
Di-n-Butylphthalate	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
Di-n-Octylphthalate	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
Diphenylamine	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
Ethyl Methanesulfonate	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
Fluoranthene	0.22 J	NA	ND(0.48)	NA	ND(0.38)	0.25 J	ND(0.38)	NA

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

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

Sample ID:	RAA12-D28	RAA12-D28	RAA12-D28	RAA12-D28	RAA12-D28	RAA12-D30	RAA12-D30	RAA12-D30
Sample Depth(Feet):	0-1	3-4	3-6	10-12	10-15	0-1	6-10	8-10
Parameter Date Collected:	09/03/02	09/03/02	09/03/02	09/03/02	09/03/02	09/05/02	09/05/02	09/05/02
Semivolatile Organics (continued)								
Fluorene	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
Hexachlorobenzene	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
Hexachlorobutadiene	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
Hexachlorocyclopentadiene	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
Hexachloroethane	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
Hexachlorophene	ND(1.0)	NA	ND(0.96)	NA	ND(0.77)	ND(0.74)	ND(0.77)	NA
Hexachloropropene	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36) J	ND(0.38) J	NA
Indeno(1,2,3-cd)pyrene	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
Isodrin	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
Isophorone	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
Isosafrole	ND(1.0)	NA	ND(0.96)	NA	ND(0.77)	ND(0.74)	ND(0.77)	NA
Methapyrilene	ND(1.0) J	NA	ND(0.96) J	NA	ND(0.77) J	ND(0.74)	ND(0.77)	NA
Methyl Methanesulfonate	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36) J	ND(0.38) J	NA
Naphthalene	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
Nitrobenzene	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
N-Nitrosodiethylamine	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
N-Nitrosodimethylamine	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
N-Nitroso-di-n-butylamine	ND(1.0)	NA	ND(0.96)	NA	ND(0.77)	ND(0.74)	ND(0.77)	NA
N-Nitroso-di-n-propylamine	ND(0.50)	NA	ND(0.48)	NA	ND(0.38) J	ND(0.36)	ND(0.38)	NA
N-Nitrosodiphenylamine	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
N-Nitrosomethylethylamine	ND(1.0)	NA	ND(0.96)	NA	ND(0.77)	ND(0.74)	ND(0.77)	NA
N-Nitrosomorpholine	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
N-Nitrosopiperidine	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
N-Nitrosopyrrolidine	ND(1.0)	NA	ND(0.96)	NA	ND(0.77)	ND(0.74) J	ND(0.77) J	NA
o,o,o-Triethylphosphorothioate	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
o-Toluidine	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36) J	ND(0.38) J	NA
p-Dimethylaminoazobenzene	ND(1.0)	NA	ND(0.96)	NA	ND(0.77)	ND(0.74)	ND(0.77)	NA
Pentachlorobenzene	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
Pentachloroethane	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
Pentachloronitrobenzene	ND(1.0)	NA	ND(0.96)	NA	ND(0.77)	ND(0.74)	ND(0.77)	NA
Pentachlorophenol	ND(2.5)	NA	ND(2.4)	NA	ND(2.0)	ND(1.9)	ND(1.9)	NA
Phenacetin	ND(1.0)	NA	ND(0.96)	NA	ND(0.77)	ND(0.74)	ND(0.77)	NA
Phenanthrene	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	0.088 J	ND(0.38)	NA
Phenol	ND(0.50)	NA	ND(0.48)	NA	ND(0.38) J	ND(0.36)	ND(0.38)	NA
Pronamide	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
Pyrene	0.30 J	NA	ND(0.48)	NA	ND(0.38) J	0.25 J	ND(0.38)	NA
Pyridine	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
Safrole	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)	ND(0.38)	NA
Thionazin	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36) J	ND(0.38) J	NA
Organochlorine Pesticides								
4,4'-DDD	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA	NA	NA	NA
Alpha-BHC	NA	NA	NA	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	NA	NA	NA	NA	NA	NA	NA	NA
Endrin	NA	NA	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA	NA	NA	NA	NA
Endrin Ketone	NA	NA	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA	NA	NA	NA
Kepone	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA	NA	NA	NA	NA

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-D28 0-1 09/03/02	RAA12-D28 3-4 09/03/02	RAA12-D28 3-6 09/03/02	RAA12-D28 10-12 09/03/02	RAA12-D28 10-15 09/03/02	RAA12-D30 0-1 09/05/02	RAA12-D30 6-10 09/05/02	RAA12-D30 8-10 09/05/02
Organophosphate Pesticides								
Dimethoate	NA	NA	NA	NA	NA	NA	NA	NA
Disulfoton	NA	NA	NA	NA	NA	NA	NA	NA
Ethyl Parathion	NA	NA	NA	NA	NA	NA	NA	NA
Famphur	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Parathion	NA	NA	NA	NA	NA	NA	NA	NA
Phorate	NA	NA	NA	NA	NA	NA	NA	NA
Sulfotep	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides								
2,4,5-T	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA	NA	NA	NA	NA
Dinoseb	NA	NA	NA	NA	NA	NA	NA	NA
Furans								
2,3,7,8-TCDF	0.000025 Y	NA	ND(0.0000022)	NA	ND(0.00000029)	0.00014 Y	0.0000015 J	NA
TCDFs (total)	0.00030	NA	ND(0.0000022)	NA	ND(0.00000029)	0.0014 I	0.0000092	NA
1,2,3,7,8-PeCDF	0.000011	NA	ND(0.0000010) X	NA	ND(0.00000055)	0.000060	0.00000087 J	NA
2,3,4,7,8-PeCDF	0.000020	NA	0.0000014 J	NA	ND(0.00000055)	0.000098	0.0000025 J	NA
PeCDFs (total)	0.00025 Q	NA	0.0000040 QI	NA	ND(0.00000055)	0.0012 QI	0.000030	NA
1,2,3,4,7,8-HxCDF	0.000012	NA	0.0000011 J	NA	ND(0.00000055)	0.000079	0.0000013 J	NA
1,2,3,6,7,8-HxCDF	0.0000080	NA	0.0000016 J	NA	ND(0.00000055)	0.000048	0.0000011 J	NA
1,2,3,7,8,9-HxCDF	0.0000022 J	NA	ND(0.0000030)	NA	ND(0.00000055)	0.0000095	ND(0.00000055)	NA
2,3,4,6,7,8-HxCDF	0.000011	NA	0.0000011 J	NA	ND(0.00000055)	0.000077	0.0000029 J	NA
HxCDFs (total)	0.00015	NA	0.0000059 I	NA	ND(0.00000055)	0.0010	0.000036	NA
1,2,3,4,6,7,8-HpCDF	0.000033	NA	0.0000028 J	NA	ND(0.00000055)	0.00014	0.0000034 J	NA
1,2,3,4,7,8,9-HpCDF	0.0000028 J	NA	ND(0.0000030)	NA	ND(0.00000055)	0.000017	0.00000045 J	NA
HpCDFs (total)	0.000079	NA	0.0000028	NA	ND(0.00000055)	0.00028	0.0000082	NA
OCDF	0.000066	NA	ND(0.0000061)	NA	ND(0.0000011)	0.00016	0.0000031 J	NA
Dioxins								
2,3,7,8-TCDD	0.0000090	NA	ND(0.0000016)	NA	ND(0.00000042)	0.000022	ND(0.00000022)	NA
TCDDs (total)	0.000059	NA	ND(0.0000034)	NA	ND(0.00000065)	0.000066	ND(0.00000038)	NA
1,2,3,7,8-PeCDD	0.0000047	NA	ND(0.0000030)	NA	ND(0.00000055)	ND(0.0000043) X	ND(0.00000055)	NA
PeCDDs (total)	0.000083 Q	NA	ND(0.0000055) Q	NA	ND(0.00000089)	0.000041 Q	ND(0.00000055)	NA
1,2,3,4,7,8-HxCDD	0.0000046	NA	ND(0.0000030)	NA	ND(0.00000055)	0.0000041 J	ND(0.00000055)	NA
1,2,3,6,7,8-HxCDD	0.0000062	NA	ND(0.0000030)	NA	ND(0.00000055)	0.0000079	ND(0.00000055)	NA
1,2,3,7,8,9-HxCDD	0.0000075	NA	ND(0.0000030)	NA	ND(0.00000055)	0.0000063	ND(0.00000055)	NA
HxCDDs (total)	0.00011	NA	ND(0.0000079)	NA	ND(0.0000010)	0.000088	0.0000016	NA
1,2,3,4,6,7,8-HpCDD	0.000053	NA	0.0000032 J	NA	0.00000027 J	0.000099	0.0000028 J	NA
HpCDDs (total)	0.00011	NA	0.0000032	NA	0.00000051	0.00020	0.0000054	NA
OCDD	0.00025	NA	0.000011 J	NA	ND(0.0000021)	0.00060	0.000017	NA
Total TEQs (WHO TEFs)	0.000033	NA	0.0000042	NA	0.00000085	0.00012	0.0000025	NA
Inorganics								
Antimony	ND(6.00)	NA	2.60 B	NA	ND(6.00)	14.0	ND(6.00)	NA
Arsenic	13.0	NA	4.60	NA	4.90	7.10	3.20	NA
Barium	190	NA	78.0	NA	11.0 B	100	8.60 B	NA
Beryllium	0.760	NA	0.430 B	NA	0.170 B	0.350 B	0.360 B	NA
Cadmium	1.10	NA	0.530	NA	0.250 B	3.10	0.400 B	NA
Chromium	14.0	NA	13.0	NA	7.00	11.0	5.10	NA
Cobalt	7.50	NA	9.20	NA	6.80	8.10	6.90	NA
Copper	110	NA	20.0	NA	11.0	77.0	20.0	NA
Cyanide	ND(0.150)	NA	ND(0.140)	NA	ND(0.120)	0.580	ND(0.110)	NA
Lead	340	NA	610	NA	6.00	370	10.0	NA
Mercury	0.740	NA	0.110 B	NA	ND(0.120)	0.350	ND(0.110)	NA
Nickel	19.0	NA	15.0	NA	10.0	14.0	10.0	NA
Selenium	1.20 J	NA	1.20 J	NA	0.610 J	ND(1.00) J	ND(1.00) J	NA
Silver	ND(1.10)	NA	ND(1.10)	NA	ND(1.00)	ND(1.00)	ND(1.00)	NA
Sulfide	64.0	NA	220	NA	28.0	37.0	24.0	NA
Thallium	ND(2.20)	NA	ND(2.20)	NA	ND(1.70)	ND(1.10) J	ND(1.10) J	NA
Tin	28.0	NA	140	NA	ND(10.0)	ND(10.0)	ND(10.0)	NA
Vanadium	20.0	NA	13.0	NA	4.10 B	20.0	6.00	NA
Zinc	370	NA	94.0	NA	30.0	880	68.0	NA

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-E29 0-1 08/27/02	RAA12-F24 0-1 09/04/02	RAA12-F24 3-6 09/04/02	RAA12-F24 4-6 09/04/02	RAA12-F26 1-3 08/09/02	RAA12-F28 0-1 08/30/02	RAA12-F28 1-3 08/30/02
Volatile Organics							
1,1,1,2-Tetrachloroethane	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054)	ND(0.0056)	ND(0.0060)
1,1,1-Trichloroethane	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054)	ND(0.0056)	ND(0.0060)
1,1,2,2-Tetrachloroethane	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054)	ND(0.0056)	ND(0.0060)
1,1,2-Trichloroethane	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054)	ND(0.0056)	ND(0.0060)
1,1-Dichloroethane	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054)	ND(0.0056)	ND(0.0060)
1,1-Dichloroethene	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054)	ND(0.0056)	ND(0.0060)
1,2,3-Trichloropropane	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054)	ND(0.0056)	ND(0.0060)
1,2-Dibromo-3-chloropropane	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054)	ND(0.0056)	ND(0.0060)
1,2-Dibromoethane	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054)	ND(0.0056)	ND(0.0060)
1,2-Dichloroethane	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054)	ND(0.0056)	ND(0.0060)
1,2-Dichloropropane	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054)	ND(0.0056)	ND(0.0060)
1,4-Dioxane	ND(0.10) J	ND(0.12) J	NA	ND(0.13) J	ND(0.11) J	ND(0.11) J	ND(0.12) J
2-Butanone	ND(0.010)	ND(0.012)	NA	ND(0.013)	ND(0.011)	ND(0.011)	ND(0.012)
2-Chloro-1,3-butadiene	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054)	ND(0.0056)	ND(0.0060)
2-Chloroethylvinylether	ND(0.0052) J	ND(0.0061) J	NA	ND(0.0065) J	ND(0.0054) J	ND(0.0056) J	ND(0.0060) J
2-Hexanone	ND(0.010)	ND(0.012)	NA	ND(0.013)	ND(0.011)	ND(0.011)	ND(0.012)
3-Chloropropene	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054)	ND(0.0056)	ND(0.0060)
4-Methyl-2-pentanone	ND(0.010)	ND(0.012)	NA	ND(0.013)	ND(0.011)	ND(0.011)	ND(0.012)
Acetone	0.021	ND(0.024) J	NA	ND(0.026) J	ND(0.022)	ND(0.022)	ND(0.024)
Acetonitrile	ND(0.10)	ND(0.12)	NA	ND(0.13)	ND(0.11)	ND(0.11)	ND(0.12)
Acrolein	ND(0.10) J	ND(0.12) J	NA	ND(0.13) J	ND(0.11) J	ND(0.11) J	ND(0.12) J
Acrylonitrile	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054)	ND(0.0056)	ND(0.0060)
Benzene	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054)	ND(0.0056)	ND(0.0060)
Bromodichloromethane	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054)	ND(0.0056)	ND(0.0060)
Bromoform	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054)	ND(0.0056)	ND(0.0060)
Bromomethane	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054) J	ND(0.0056) J	ND(0.0060)
Carbon Disulfide	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054) J	ND(0.0056)	ND(0.0060)
Carbon Tetrachloride	ND(0.0052)	ND(0.0061) J	NA	ND(0.0065) J	ND(0.0054)	ND(0.0056)	ND(0.0060)
Chlorobenzene	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054)	ND(0.0056)	ND(0.0060)
Chloroethane	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054)	ND(0.0056)	ND(0.0060)
Chloroform	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054)	ND(0.0056)	ND(0.0060)
Chloromethane	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054)	ND(0.0056)	ND(0.0060)
cis-1,3-Dichloropropene	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054)	ND(0.0056)	ND(0.0060)
Dibromochloromethane	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054)	ND(0.0056)	ND(0.0060)
Dibromomethane	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054)	ND(0.0056)	ND(0.0060)
Dichlorodifluoromethane	ND(0.0052)	ND(0.0061) J	NA	ND(0.0065) J	ND(0.0054)	ND(0.0056)	ND(0.0060)
Ethyl Methacrylate	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054)	ND(0.0056)	ND(0.0060)
Ethylbenzene	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054)	ND(0.0056)	ND(0.0060)
Iodomethane	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054)	ND(0.0056)	ND(0.0060)
Isobutanol	ND(0.10)	ND(0.12)	NA	ND(0.13)	ND(0.11)	ND(0.11)	ND(0.12)
Methacrylonitrile	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054)	ND(0.0056)	ND(0.0060)
Methyl Methacrylate	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054)	ND(0.0056)	ND(0.0060)
Methylene Chloride	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054)	ND(0.0056)	ND(0.0060)
Propionitrile	ND(0.010)	ND(0.012)	NA	ND(0.013)	ND(0.011)	ND(0.011)	ND(0.012)
Styrene	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054)	ND(0.0056)	ND(0.0060)
Tetrachloroethene	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054)	ND(0.0056)	ND(0.0060)
Toluene	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054)	ND(0.0056)	ND(0.0060)
trans-1,2-Dichloroethene	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054)	ND(0.0056)	ND(0.0060)
trans-1,3-Dichloropropene	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054)	ND(0.0056)	ND(0.0060)
trans-1,4-Dichloro-2-butene	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054)	ND(0.0056)	ND(0.0060)
Trichloroethene	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054)	ND(0.0056)	ND(0.0060)
Trichlorofluoromethane	ND(0.0052) J	ND(0.0061) J	NA	ND(0.0065) J	ND(0.0054)	ND(0.0056) J	ND(0.0060) J
Vinyl Acetate	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054)	ND(0.0056)	ND(0.0060)
Vinyl Chloride	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054)	ND(0.0056)	ND(0.0060)
Xylenes (total)	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054)	ND(0.0056)	ND(0.0060)
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
1,2,4-Trichlorobenzene	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
1,2-Dichlorobenzene	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
1,2-Diphenylhydrazine	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
1,3,5-Trinitrobenzene	ND(0.35)	ND(0.41) J	ND(0.43) J	NA	ND(0.36)	ND(0.37)	ND(0.40)
1,3-Dichlorobenzene	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
1,3-Dinitrobenzene	ND(0.70)	ND(0.82)	ND(0.87)	NA	ND(0.73)	ND(0.74)	ND(0.80)
1,4-Dichlorobenzene	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
1,4-Naphthoquinone	ND(0.70)	ND(0.82)	ND(0.87)	NA	ND(0.73)	ND(0.74)	ND(0.80)
1-Naphthylamine	ND(0.70)	ND(0.82)	ND(0.87)	NA	ND(0.73)	ND(0.74)	ND(0.80)
2,3,4,6-Tetrachlorophenol	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-E29 0-1 08/27/02	RAA12-F24 0-1 09/04/02	RAA12-F24 3-6 09/04/02	RAA12-F24 4-6 09/04/02	RAA12-F26 1-3 08/09/02	RAA12-F28 0-1 08/30/02	RAA12-F28 1-3 08/30/02
Semivolatile Organics (continued)							
2,4,5-Trichlorophenol	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
2,4,6-Trichlorophenol	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
2,4-Dichlorophenol	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
2,4-Dimethylphenol	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
2,4-Dinitrophenol	ND(1.8)	ND(2.1)	ND(2.2)	NA	ND(1.8)	ND(1.9)	ND(2.0)
2,4-Dinitrotoluene	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
2,6-Dichlorophenol	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
2,6-Dinitrotoluene	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
2-Acetylaminofluorene	ND(0.70)	ND(0.82)	ND(0.87)	NA	ND(0.73)	ND(0.74) J	ND(0.80) J
2-Chloronaphthalene	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
2-Chlorophenol	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
2-Methylnaphthalene	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
2-Methylphenol	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
2-Naphthylamine	ND(0.70)	ND(0.82)	ND(0.87)	NA	ND(0.73)	ND(0.74)	ND(0.80)
2-Nitroaniline	ND(1.8)	ND(2.1)	ND(2.2)	NA	ND(1.8)	ND(1.9)	ND(2.0)
2-Nitrophenol	ND(0.70)	ND(0.82)	ND(0.87)	NA	ND(0.73)	ND(0.74)	ND(0.80)
2-Picoline	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37) J	ND(0.40) J
3&4-Methylphenol	ND(0.70)	ND(0.82)	ND(0.87)	NA	ND(0.73)	ND(0.74)	ND(0.80)
3,3'-Dichlorobenzidine	ND(0.70)	ND(0.82) J	ND(0.87) J	NA	ND(0.73)	ND(0.74)	ND(0.80)
3,3'-Dimethylbenzidine	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37) J	ND(0.40) J
3-Methylcholanthrene	ND(0.70)	ND(0.82)	ND(0.87)	NA	ND(0.73)	ND(0.74)	ND(0.80)
3-Nitroaniline	ND(1.8)	ND(2.1)	ND(2.2)	NA	ND(1.8)	ND(1.9) J	ND(2.0) J
4,6-Dinitro-2-methylphenol	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
4-Aminobiphenyl	ND(0.70)	ND(0.82) J	ND(0.87) J	NA	ND(0.73) J	ND(0.74) J	ND(0.80) J
4-Bromophenyl-phenylether	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
4-Chloro-3-Methylphenol	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
4-Chloroaniline	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
4-Chlorobenzilate	ND(0.70) J	ND(0.82) J	ND(0.87) J	NA	ND(0.73)	ND(0.74)	ND(0.80)
4-Chlorophenyl-phenylether	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
4-Nitroaniline	ND(1.8)	ND(2.1)	ND(2.2)	NA	ND(1.8) J	ND(1.9)	ND(2.0)
4-Nitrophenol	ND(1.8)	ND(2.1)	ND(2.2)	NA	ND(1.8)	ND(1.9)	ND(2.0)
4-Nitroquinoline-1-oxide	ND(0.70)	ND(0.82)	ND(0.87)	NA	ND(0.73)	ND(0.74)	ND(0.80)
4-Phenylenediamine	ND(0.70) J	ND(0.82) J	ND(0.87) J	NA	ND(0.73) J	ND(0.74) J	ND(0.80) J
5-Nitro-o-toluidine	ND(0.70)	ND(0.82)	ND(0.87)	NA	ND(0.73)	ND(0.74)	ND(0.80)
7,12-Dimethylbenz(a)anthracene	ND(0.70)	ND(0.82)	ND(0.87)	NA	ND(0.73)	ND(0.74)	ND(0.80)
a,a'-Dimethylphenethylamine	ND(0.70)	ND(0.82)	ND(0.87)	NA	ND(0.73)	ND(0.74)	ND(0.80)
Acenaphthene	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
Acenaphthylene	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
Acetophenone	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
Aniline	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
Anthracene	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
Aramite	ND(0.70) J	ND(0.82) J	ND(0.87) J	NA	ND(0.73) J	ND(0.74) J	ND(0.80) J
Benzidine	ND(0.70) J	ND(0.82) J	ND(0.87) J	NA	ND(0.73) J	ND(0.74)	ND(0.80)
Benzo(a)anthracene	0.17 J	ND(0.41)	ND(0.43)	NA	0.076 J	0.11 J	ND(0.40)
Benzo(a)pyrene	0.12 J	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
Benzo(b)fluoranthene	0.15 J	ND(0.41)	0.10 J	NA	ND(0.36)	ND(0.37)	ND(0.40)
Benzo(g,h,i)perylene	0.13 J	ND(0.41)	ND(0.43)	NA	ND(0.36)	0.080 J	ND(0.40)
Benzo(k)fluoranthene	0.15 J	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
Benzyl Alcohol	ND(0.70)	ND(0.82)	ND(0.87)	NA	ND(0.73)	ND(0.74)	ND(0.80)
bis(2-Chloroethoxy)methane	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
bis(2-Chloroethyl)ether	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
bis(2-Chloroisopropyl)ether	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
bis(2-Ethylhexyl)phthalate	ND(0.34)	ND(0.40)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.39)
Butylbenzylphthalate	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
Chrysene	0.24 J	ND(0.41)	ND(0.43)	NA	0.11 J	0.19 J	ND(0.40)
Diallate	ND(0.70)	ND(0.82)	ND(0.87)	NA	ND(0.73)	ND(0.74)	ND(0.80)
Dibenzo(a,h)anthracene	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
Dibenzofuran	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
Diethylphthalate	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
Dimethylphthalate	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
Di-n-Butylphthalate	0.13 J	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
Di-n-Octylphthalate	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
Diphenylamine	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
Ethyl Methanesulfonate	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
Fluoranthene	0.32 J	ND(0.41)	0.11 J	NA	0.16 J	0.23 J	ND(0.40)

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-E29 0-1 08/27/02	RAA12-F24 0-1 09/04/02	RAA12-F24 3-6 09/04/02	RAA12-F24 4-6 09/04/02	RAA12-F26 1-3 08/09/02	RAA12-F28 0-1 08/30/02	RAA12-F28 1-3 08/30/02
Semivolatile Organics (continued)							
Fluorene	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
Hexachlorobenzene	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
Hexachlorobutadiene	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
Hexachlorocyclopentadiene	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
Hexachloroethane	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
Hexachlorophene	ND(0.70)	ND(0.82)	ND(0.87)	NA	ND(0.73) J	ND(0.74)	ND(0.80)
Hexachloropropene	ND(0.35) J	ND(0.41) J	ND(0.43) J	NA	ND(0.36)	ND(0.37)	ND(0.40)
Indeno(1,2,3-cd)pyrene	0.10 J	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
Isodrin	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
Isophorone	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
Isosafrole	ND(0.70)	ND(0.82)	ND(0.87)	NA	ND(0.73)	ND(0.74)	ND(0.80)
Methapyrilene	ND(0.70)	ND(0.82)	ND(0.87)	NA	ND(0.73)	ND(0.74)	ND(0.80)
Methyl Methanesulfonate	ND(0.35)	ND(0.41) J	ND(0.43) J	NA	ND(0.36)	ND(0.37) J	ND(0.40) J
Naphthalene	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
Nitrobenzene	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
N-Nitrosodiethylamine	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
N-Nitrosodimethylamine	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
N-Nitroso-di-n-butylamine	ND(0.70)	ND(0.82)	ND(0.87)	NA	ND(0.73)	ND(0.74)	ND(0.80)
N-Nitroso-di-n-propylamine	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
N-Nitrosodiphenylamine	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
N-Nitrosomethylethylamine	ND(0.70)	ND(0.82)	ND(0.87)	NA	ND(0.73)	ND(0.74)	ND(0.80)
N-Nitrosomorpholine	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
N-Nitrosopiperidine	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
N-Nitrosopyrrolidine	ND(0.70)	ND(0.82) J	ND(0.87) J	NA	ND(0.73)	ND(0.74)	ND(0.80)
o,o,o-Triethylphosphorothioate	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
o-Toluidine	ND(0.35)	ND(0.41) J	ND(0.43) J	NA	ND(0.36)	ND(0.37)	ND(0.40)
p-Dimethylaminoazobenzene	ND(0.70)	ND(0.82)	ND(0.87)	NA	ND(0.73)	ND(0.74)	ND(0.80)
Pentachlorobenzene	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
Pentachloroethane	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
Pentachloronitrobenzene	ND(0.70) J	ND(0.82)	ND(0.87)	NA	ND(0.73) J	ND(0.74)	ND(0.80)
Pentachlorophenol	ND(1.8)	ND(2.1)	ND(2.2)	NA	ND(1.8)	ND(1.9)	ND(2.0)
Phenacetin	ND(0.70)	ND(0.82)	ND(0.87)	NA	ND(0.73)	ND(0.74)	ND(0.80)
Phenanthrene	0.22 J	ND(0.41)	ND(0.43)	NA	0.087 J	0.14 J	ND(0.40)
Phenol	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
Pronamide	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
Pyrene	0.39	ND(0.41)	ND(0.43)	NA	0.14 J	0.26 J	ND(0.40)
Pyridine	NO(0.35)	NO(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
Safrole	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)	ND(0.37)	ND(0.40)
Thionazin	ND(0.35)	ND(0.41) J	ND(0.43) J	NA	ND(0.36)	ND(0.37)	ND(0.40)
Organochlorine Pesticides							
4,4'-DDD	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA	NA	NA
Alpha-BHC	NA	NA	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	NA	NA	NA	NA	NA	NA	NA
Endrin	NA	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA	NA	NA	NA
Endrin Ketone	NA	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	NA	NA	NA	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA	NA	NA
Kepone	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA	NA	NA	NA

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-E29 0-1 08/27/02	RAA12-F24 0-1 09/04/02	RAA12-F24 3-6 09/04/02	RAA12-F24 4-6 09/04/02	RAA12-F26 1-3 08/09/02	RAA12-F28 0-1 08/30/02	RAA12-F28 1-3 08/30/02
Organophosphate Pesticides							
Dimethoate	NA	NA	NA	NA	NA	NA	NA
Disulfoton	NA	NA	NA	NA	NA	NA	NA
Ethyl Parathion	NA	NA	NA	NA	NA	NA	NA
Famphur	NA	NA	NA	NA	NA	NA	NA
Methyl Parathion	NA	NA	NA	NA	NA	NA	NA
Phorate	NA	NA	NA	NA	NA	NA	NA
Sulfotep	NA	NA	NA	NA	NA	NA	NA
Herbicides							
2,4,5-T	NA	NA	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA	NA	NA	NA
Dinoseb	NA	NA	NA	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF	0.000039 YQ	0.0000068 YI	0.0000011 J	NA	0.00000066 J	0.0000024 Y	0.00000040 J
TCDFs (total)	0.00035	0.000060	0.0000065	NA	0.0000064	0.000034	0.0000068
1,2,3,7,8-PeCDF	0.000016 J	0.0000027 J	ND(0.00000061)	NA	0.00000032 J	0.0000097	0.00000074 J
2,3,4,7,8-PeCDF	0.000042	0.0000044 J	0.00000087 J	NA	0.00000057 J	0.0000022 J	0.00000066 J
PeCDFs (total)	0.00043	0.000051 Q	0.0000092	NA	0.0000046	0.000042	0.0000074
1,2,3,4,7,8-HxCDF	0.000025	0.0000034 J	0.00000057 J	NA	0.00000053 J	0.0000054	0.00000069 J
1,2,3,6,7,8-HxCDF	0.000020 J	0.0000024 J	0.00000043 J	NA	ND(0.00000046) X	0.0000014 J	0.00000046 J
1,2,3,7,8,9-HxCDF	0.0000045 J	ND(0.00000054) X	ND(0.00000061)	NA	ND(0.00000028)	0.00000051 J	0.00000018 J
2,3,4,6,7,8-HxCDF	0.000034	0.0000033 J	ND(0.00000063) X	NA	0.00000059 J	0.0000023 J	0.00000055 J
HxCDFs (total)	0.00051	0.000040	0.0000067	NA	0.0000035	0.000033	0.0000050
1,2,3,4,6,7,8-HpCDF	0.000057	0.0000074	0.00000098 J	NA	0.0000012 J	0.0000046	0.0000016 J
1,2,3,4,7,8,9-HpCDF	0.0000068 J	0.00000070 J	ND(0.00000061)	NA	ND(0.00000027)	0.00000051 J	ND(0.00000027)
HpCDFs (total)	0.00013	0.000014	0.00000098	NA	0.0000012	0.0000084	0.0000016
OCDF	0.000050	0.000011	0.0000018 J	NA	0.00000095 J	0.0000028 J	0.00000075 J
Dioxins							
2,3,7,8-TCDD	0.0000090	ND(0.00000063) X	ND(0.00000024)	NA	ND(0.00000034)	ND(0.00000034)	ND(0.00000027)
TCDDs (total)	0.000011	0.0000028	ND(0.00000060)	NA	0.0000041	0.0000030	0.00000055
1,2,3,7,8-PeCDD	ND(0.000010) X	0.0000012 J	ND(0.00000061)	NA	0.00000053 J	ND(0.00000055) X	ND(0.00000020) X
PeCDDs (total)	0.0000087	0.0000053 Q	ND(0.00000064)	NA	0.0000096	0.0000074	0.0000023
1,2,3,4,7,8-HxCDD	0.0000014 J	ND(0.00000051) X	ND(0.00000061)	NA	0.00000077 J	ND(0.00000050) X	0.00000020 J
1,2,3,6,7,8-HxCDD	0.0000029 J	0.0000015 J	ND(0.00000061)	NA	ND(0.00000087) X	0.00000066 J	0.00000032 J
1,2,3,7,8,9-HxCDD	0.0000027 J	0.0000015 J	ND(0.00000061)	NA	0.0000012 J	0.00000061 J	0.00000022 J
HxCDDs (total)	0.000032	0.000016	0.00000050	NA	0.000020	0.0000076	0.0000044
1,2,3,4,6,7,8-HpCDD	0.000036	0.000015	0.0000015 J	NA	0.000014	0.000010	0.0000027 J
HpCDDs (total)	0.000074	0.000028	0.0000028	NA	0.000033	0.000022	0.0000062
OCDD	0.00030	0.000086	ND(0.0000090)	NA	0.00063	0.00099 J	0.00017 J
Total TEQs (WHO TEFs)	0.000050	0.0000060	0.0000013	NA	0.0000017	0.0000036	0.00000097
Inorganics							
Antimony	13.0	ND(6.00)	ND(6.00)	NA	8.20 J	3.60 B	3.30 B
Arsenic	66.0	4.70	5.80	NA	6.20	10.0	13.0
Barium	36.0	32.0	29.0	NA	24.0	24.0	23.0
Beryllium	0.610	0.380 B	0.510	NA	0.210 B	0.230 B	0.470 B
Cadmium	7.50	ND(0.500)	ND(0.500)	NA	0.660	6.60	2.80
Chromium	120	11.0	11.0	NA	13.0	12.0	16.0
Cobalt	36.0	9.50	16.0	NA	3.20 B	4.00 B	5.40
Copper	450	19.0	26.0	NA	210	3600	690
Cyanide	0.130	ND(0.120)	ND(0.130)	NA	0.0710 B	ND(0.110)	0.120
Lead	390	26.0	15.0	NA	150	310	160
Mercury	0.0710 B	0.0920 B	0.0360 B	NA	27.0	0.0670 B	ND(0.120)
Nickel	89.0	19.0	24.0	NA	48.0	55.0	72.0
Selenium	3.30	ND(1.00) J	ND(1.00) J	NA	ND(1.00)	ND(1.00)	0.790 B
Silver	0.340 B	ND(1.00)	ND(1.00)	NA	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide	84.0	31.0	27.0	NA	30.0	94.0	40.0
Thallium	ND(1.00)	1.20 B	1.50	NA	ND(1.60)	ND(1.10)	ND(1.20)
Tin	36.0	ND(10.0)	ND(10.0)	NA	72.0	290	58.0
Vanadium	150	12.0	13.0	NA	15.0	20.0	24.0
Zinc	250	65.0	58.0	NA	97.0	1200	590

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-F28 10-12 08/30/02	RAA12-F28 10-15 08/30/02	RAA12-F32 0-1 09/03/02	RAA12-G25 0-1 08/21/02	RAA12-G27 0-1 08/09/02	RAA12-G29 0-1 08/27/02	RAA12-G31 0-1 08/30/02	RAA12-G31 3-6 08/30/02
Volatile Organics								
1,1,1,2-Tetrachloroethane	ND(0.0061)	NA	ND(0.0056)	ND(0.0052)	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA
1,1,1-Trichloroethane	ND(0.0061)	NA	ND(0.0056)	ND(0.0052)	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA
1,1,2,2-Tetrachloroethane	ND(0.0061)	NA	ND(0.0056)	ND(0.0052)	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA
1,1,2-Trichloroethane	ND(0.0061)	NA	ND(0.0056)	ND(0.0052)	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA
1,1-Dichloroethane	ND(0.0061)	NA	ND(0.0056)	ND(0.0052)	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA
1,1-Dichloroethene	ND(0.0061)	NA	ND(0.0056)	ND(0.0052)	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA
1,2,3-Trichloropropane	ND(0.0061)	NA	ND(0.0056)	ND(0.0052)	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA
1,2-Dibromo-3-chloropropane	ND(0.0061)	NA	ND(0.0056)	ND(0.0052)	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA
1,2-Dibromoethane	ND(0.0061)	NA	ND(0.0056)	ND(0.0052)	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA
1,2-Dichloroethane	ND(0.0061)	NA	ND(0.0056)	ND(0.0052) J	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA
1,2-Dichloropropane	ND(0.0061)	NA	ND(0.0056)	ND(0.0052)	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA
1,4-Dioxane	ND(0.12) J	NA	ND(0.11) J	ND(0.10) J	ND(0.11) J	ND(0.10) J	ND(0.11) J	NA
2-Butanone	ND(0.012)	NA	ND(0.011)	ND(0.010)	ND(0.011)	ND(0.010)	ND(0.011)	NA
2-Chloro-1,3-butadiene	ND(0.0061)	NA	ND(0.0056)	ND(0.0052)	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA
2-Chloroethylvinylether	ND(0.0061) J	NA	ND(0.0056)	ND(0.0052)	ND(0.0054) J	ND(0.0052) J	ND(0.0056) J	NA
2-Hexanone	ND(0.012)	NA	ND(0.011)	ND(0.010)	ND(0.011)	ND(0.010)	ND(0.011)	NA
3-Chloropropene	ND(0.0061)	NA	ND(0.0056)	ND(0.0052)	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA
4-Methyl-2-pentanone	ND(0.012)	NA	ND(0.011)	ND(0.010)	ND(0.011)	ND(0.010)	ND(0.011)	NA
Acetone	ND(0.024)	NA	ND(0.022) J	0.016 J	0.0075 J	ND(0.021)	ND(0.022)	NA
Acetonitrile	ND(0.12)	NA	ND(0.11) J	ND(0.10)	ND(0.11)	ND(0.10)	ND(0.11)	NA
Acrolein	ND(0.12) J	NA	ND(0.11) J	ND(0.10) J	ND(0.11) J	ND(0.10) J	ND(0.11) J	NA
Acrylonitrile	ND(0.0061)	NA	ND(0.0056) J	ND(0.0052)	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA
Benzene	ND(0.0061)	NA	ND(0.0056)	ND(0.0052)	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA
Bromodichloromethane	ND(0.0061)	NA	ND(0.0056)	ND(0.0052)	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA
Bromoform	ND(0.0061)	NA	ND(0.0056)	ND(0.0052)	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA
Bromomethane	ND(0.0061)	NA	ND(0.0056)	ND(0.0052)	ND(0.0054) J	ND(0.0052)	ND(0.0056)	NA
Carbon Disulfide	ND(0.0061)	NA	ND(0.0056) J	ND(0.0052) J	ND(0.0054) J	ND(0.0052)	ND(0.0056)	NA
Carbon Tetrachloride	ND(0.0061)	NA	ND(0.0056)	ND(0.0052)	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA
Chlorobenzene	ND(0.0061)	NA	ND(0.0056)	ND(0.0052) J	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA
Chloroethane	ND(0.0061)	NA	ND(0.0056)	ND(0.0052)	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA
Chloroform	ND(0.0061)	NA	ND(0.0056)	ND(0.0052)	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA
Chloromethane	ND(0.0061)	NA	ND(0.0056)	ND(0.0052)	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA
cis-1,3-Dichloropropene	ND(0.0061)	NA	ND(0.0056)	ND(0.0052)	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA
Dibromochloromethane	ND(0.0061)	NA	ND(0.0056)	ND(0.0052)	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA
Dibromomethane	ND(0.0061)	NA	ND(0.0056)	ND(0.0052)	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA
Dichlorodifluoromethane	ND(0.0061)	NA	ND(0.0056) J	ND(0.0052) J	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA
Ethyl Methacrylate	ND(0.0061)	NA	ND(0.0056)	ND(0.0052)	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA
Ethylbenzene	ND(0.0061)	NA	ND(0.0056)	ND(0.0052)	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA
Iodomethane	ND(0.0061)	NA	ND(0.0056)	ND(0.0052)	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA
Isobutanol	ND(0.12)	NA	ND(0.11) J	ND(0.10)	ND(0.11)	ND(0.10)	ND(0.11)	NA
Methacrylonitrile	ND(0.0061)	NA	ND(0.0056)	ND(0.0052)	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA
Methyl Methacrylate	ND(0.0061)	NA	ND(0.0056)	ND(0.0052)	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA
Methylene Chloride	ND(0.0061)	NA	ND(0.0056)	ND(0.0052)	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA
Propionitrile	ND(0.012)	NA	ND(0.011) J	ND(0.010)	ND(0.011)	ND(0.010)	ND(0.011)	NA
Styrene	ND(0.0061)	NA	ND(0.0056)	ND(0.0052)	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA
Tetrachloroethene	ND(0.0061)	NA	ND(0.0056)	ND(0.0052)	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA
Toluene	ND(0.0061)	NA	ND(0.0056)	ND(0.0052)	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA
trans-1,2-Dichloroethene	ND(0.0061)	NA	ND(0.0056)	ND(0.0052)	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA
trans-1,3-Dichloropropene	ND(0.0061)	NA	ND(0.0056)	ND(0.0052)	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA
trans-1,4-Dichloro-2-butene	ND(0.0061)	NA	ND(0.0056)	ND(0.0052)	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA
Trichloroethene	ND(0.0061)	NA	ND(0.0056)	ND(0.0052) J	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA
Trichlorofluoromethane	ND(0.0061) J	NA	ND(0.0056) J	ND(0.0052) J	ND(0.0054)	ND(0.0052) J	ND(0.0056) J	NA
Vinyl Acetate	ND(0.0061)	NA	ND(0.0056)	ND(0.0052) J	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA
Vinyl Chloride	ND(0.0061)	NA	ND(0.0056)	ND(0.0052)	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA
Xylenes (total)	ND(0.0061)	NA	ND(0.0056)	ND(0.0052)	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA
Semivolatile Organics								
1,2,4,5-Tetrachlorobenzene	NA	ND(0.41)	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
1,2,4-Trichlorobenzene	NA	ND(0.41)	ND(0.38)	ND(0.35) J	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
1,2-Dichlorobenzene	NA	ND(0.41)	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
1,2-Diphenylhydrazine	NA	ND(0.41)	ND(0.38)	ND(0.35) J	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
1,3,5-Trinitrobenzene	NA	ND(0.41)	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
1,3-Dichlorobenzene	NA	ND(0.41)	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
1,3-Dinitrobenzene	NA	ND(0.82)	ND(0.76)	ND(0.70)	ND(0.73) J	ND(0.70)	ND(0.75)	ND(0.74)
1,4-Dichlorobenzene	NA	ND(0.41)	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
1,4-Naphthoquinone	NA	ND(0.82)	ND(0.76)	ND(0.70)	ND(0.73)	ND(0.70)	ND(0.75)	ND(0.74)
1-Naphthylamine	NA	ND(0.82)	ND(0.76)	ND(0.70)	ND(0.73)	ND(0.70)	ND(0.75)	ND(0.74)
2,3,4,6-Tetrachlorophenol	NA	ND(0.41)	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)

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

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

Sample ID:	RAA12-F28	RAA12-F28	RAA12-F32	RAA12-G25	RAA12-G27	RAA12-G29	RAA12-G31	RAA12-G31
Sample Depth(Feet):	10-12	10-15	0-1	0-1	0-1	0-1	0-1	3-6
Parameter Date Collected:	08/30/02	08/30/02	09/03/02	08/21/02	08/09/02	08/27/02	08/30/02	08/30/02
Semivolatile Organics (continued)								
2,4,5-Trichlorophenol	NA	ND(0.41)	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
2,4,6-Trichlorophenol	NA	ND(0.41)	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
2,4-Dichlorophenol	NA	ND(0.41)	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
2,4-Dimethylphenol	NA	ND(0.41)	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
2,4-Dinitrophenol	NA	ND(2.1)	ND(1.9)	ND(1.8)	ND(1.8)	ND(1.8)	ND(2.4)	ND(1.9)
2,4-Dinitrotoluene	NA	ND(0.41)	ND(0.38)	R	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
2,6-Dichlorophenol	NA	ND(0.41)	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
2,6-Dinitrotoluene	NA	ND(0.41)	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
2-Acetylaminofluorene	NA	ND(0.82) J	ND(0.76) J	ND(0.70)	ND(0.73)	ND(0.70)	ND(0.75) J	ND(0.74) J
2-Chloronaphthalene	NA	ND(0.41)	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
2-Chlorophenol	NA	ND(0.41)	ND(0.38)	ND(0.35) J	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
2-Methylnaphthalene	NA	ND(0.41)	ND(0.38)	ND(0.35)	ND(0.36)	0.10 J	ND(0.48)	ND(0.37)
2-Methylphenol	NA	ND(0.41)	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
2-Naphthylamine	NA	ND(0.82)	ND(0.76)	ND(0.70)	ND(0.73)	ND(0.70)	ND(0.75)	ND(0.74)
2-Nitroaniline	NA	ND(2.1)	ND(1.9)	ND(1.8)	ND(1.8)	ND(1.8)	ND(2.4)	ND(1.9)
2-Nitrophenol	NA	ND(0.82)	ND(0.76)	ND(0.70)	ND(0.73)	ND(0.70)	ND(0.75)	ND(0.74)
2-Picoline	NA	ND(0.41) J	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48) J	ND(0.37) J
3&4-Methylphenol	NA	ND(0.82)	ND(0.76)	ND(0.70)	ND(0.73)	ND(0.70)	ND(0.75)	ND(0.74)
3,3'-Dichlorobenzidine	NA	ND(0.82)	ND(0.76)	ND(0.70)	ND(0.73)	ND(0.70)	ND(0.97)	ND(0.74)
3,3'-Dimethylbenzidine	NA	ND(0.41) J	ND(0.38) J	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48) J	ND(0.37) J
3-Methylcholanthrene	NA	ND(0.82)	ND(0.76)	ND(0.70)	ND(0.73)	ND(0.70)	ND(0.75)	ND(0.74)
3-Nitroaniline	NA	ND(2.1) J	ND(1.9) J	ND(1.8)	ND(1.8)	ND(1.8)	ND(2.4) J	ND(1.9) J
4,6-Dinitro-2-methylphenol	NA	ND(0.41)	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
4-Aminobiphenyl	NA	ND(0.82) J	ND(0.76) J	ND(0.70)	ND(0.73) J	ND(0.70)	ND(0.75) J	ND(0.74) J
4-Bromophenyl-phenylether	NA	ND(0.41)	ND(0.38) J	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
4-Chloro-3-Methylphenol	NA	ND(0.41)	ND(0.38)	R	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
4-Chloroaniline	NA	ND(0.41)	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
4-Chlorobenzilate	NA	ND(0.82)	ND(0.76) J	ND(0.70) J	ND(0.73)	ND(0.70) J	ND(0.75)	ND(0.74)
4-Chlorophenyl-phenylether	NA	ND(0.41)	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
4-Nitroaniline	NA	ND(2.1)	ND(1.9)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.9)	ND(1.9)
4-Nitrophenol	NA	ND(2.1)	ND(1.9)	R	ND(1.8)	ND(1.8)	ND(2.4)	ND(1.9)
4-Nitroquinoline-1-oxide	NA	ND(0.82)	ND(0.76)	ND(0.70)	ND(0.73)	ND(0.70)	ND(0.75)	ND(0.74)
4-Phenylenediamine	NA	ND(0.82) J	ND(0.76) J	ND(0.70) J	ND(0.73) J	ND(0.70) J	ND(0.75) J	ND(0.74) J
5-Nitro-o-toluidine	NA	ND(0.82)	ND(0.76)	ND(0.70)	ND(0.73)	ND(0.70)	ND(0.75)	ND(0.74)
7,12-Dimethylbenz(a)anthracene	NA	ND(0.82)	ND(0.76)	ND(0.70)	ND(0.73)	ND(0.70)	ND(0.75)	ND(0.74)
a,a'-Dimethylphenethylamine	NA	ND(0.82)	ND(0.76)	ND(0.70)	ND(0.73)	ND(0.70)	ND(0.75)	ND(0.74)
Acenaphthene	NA	ND(0.41)	ND(0.38)	ND(0.35) J	ND(0.36)	0.37	ND(0.48)	ND(0.37)
Acenaphthylene	NA	ND(0.41)	ND(0.38)	0.60	0.51	ND(0.35)	ND(0.48)	ND(0.37)
Acetophenone	NA	ND(0.41)	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
Aniline	NA	ND(0.41)	ND(0.38)	0.081 J	ND(0.36)	0.23 J	ND(0.48)	ND(0.37)
Anthracene	NA	ND(0.41)	ND(0.38)	0.65	0.39	0.79	ND(0.48)	ND(0.37)
Aramite	NA	ND(0.82) J	ND(0.76) J	ND(0.70) J	ND(0.73)	ND(0.70) J	ND(0.75) J	ND(0.74) J
Benzidine	NA	ND(0.82)	ND(0.76)	ND(0.70) J	ND(0.73) J	ND(0.70) J	ND(0.97)	ND(0.74)
Benzo(a)anthracene	NA	ND(0.41)	0.10 J	1.5	4.5	1.1	ND(0.48)	ND(0.37)
Benzo(a)pyrene	NA	ND(0.41)	0.12 J	1.3	3.6	0.70	ND(0.48)	ND(0.37)
Benzo(b)fluoranthene	NA	ND(0.41)	ND(0.38)	1.7 J	2.5	0.70	ND(0.48)	ND(0.37)
Benzo(g,h,i)perylene	NA	ND(0.41)	0.098 J	1.2 J	2.9	0.59	ND(0.48)	ND(0.37)
Benzo(k)fluoranthene	NA	ND(0.41)	ND(0.38)	1.1 J	3.8	0.74	ND(0.48)	ND(0.37)
Benzyl Alcohol	NA	ND(0.82)	ND(0.76)	ND(0.70)	ND(0.73)	ND(0.70)	ND(0.97)	ND(0.74)
bis(2-Chloroethoxy)methane	NA	ND(0.41)	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
bis(2-Chloroethyl)ether	NA	ND(0.41)	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
bis(2-Chloroisopropyl)ether	NA	ND(0.41)	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
bis(2-Ethylhexyl)phthalate	NA	ND(0.40)	ND(0.37)	ND(0.34)	ND(0.36)	ND(0.34)	ND(0.37)	ND(0.36)
Butylbenzylphthalate	NA	ND(0.41)	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
Chrysene	NA	ND(0.41)	0.17 J	2.1	4.5	1.3	0.14 J	ND(0.37)
Diallate	NA	ND(0.82)	ND(0.76)	ND(0.70) J	ND(0.73)	ND(0.70)	ND(0.75)	ND(0.74)
Dibenzo(a,h)anthracene	NA	ND(0.41)	ND(0.38)	0.39 J	0.57	ND(0.35)	ND(0.48)	ND(0.37)
Dibenzofuran	NA	ND(0.41)	ND(0.38)	0.096 J	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
Diethylphthalate	NA	ND(0.41)	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
Dimethylphthalate	NA	ND(0.41)	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
Di-n-Butylphthalate	NA	ND(0.41)	0.15 J	ND(0.35)	ND(0.36)	0.092 J	ND(0.48)	ND(0.37)
Di-n-Octylphthalate	NA	ND(0.41)	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
Diphenylamine	NA	ND(0.41)	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
Ethyl Methanesulfonate	NA	ND(0.41)	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
Fluoranthene	NA	ND(0.41)	0.20 J	2.7	4.5	2.0	0.11 J	ND(0.37)

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

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

Sample ID:	RAA12-F28	RAA12-F28	RAA12-F32	RAA12-G25	RAA12-G27	RAA12-G29	RAA12-G31	RAA12-G31
Sample Depth(Feet):	10-12	10-15	0-1	0-1	0-1	0-1	0-1	3-6
Parameter Date Collected:	08/30/02	08/30/02	09/03/02	08/21/02	08/09/02	08/27/02	08/30/02	08/30/02
Semivolatile Organics (continued)								
Fluorene	NA	ND(0.41)	ND(0.38)	0.25 J	0.13 J	0.38	ND(0.48)	ND(0.37)
Hexachlorobenzene	NA	ND(0.41)	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
Hexachlorobutadiene	NA	ND(0.41)	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
Hexachlorocyclopentadiene	NA	ND(0.41)	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
Hexachloroethane	NA	ND(0.41)	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
Hexachlorophene	NA	ND(0.82)	ND(0.76)	ND(0.70)	ND(0.73)	ND(0.70)	ND(0.97)	ND(0.74)
Hexachloropropene	NA	ND(0.41)	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35) J	ND(0.48)	ND(0.37)
Indeno(1,2,3-cd)pyrene	NA	ND(0.41)	ND(0.38)	1.0 J	2.1	0.49	ND(0.48)	ND(0.37)
Isodrin	NA	ND(0.41)	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
Isophorone	NA	ND(0.41)	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
Isosafrole	NA	ND(0.82)	ND(0.76)	ND(0.70)	ND(0.73)	ND(0.70)	ND(0.75)	ND(0.74)
Methapyrilene	NA	ND(0.82)	ND(0.76) J	ND(0.70)	ND(0.73)	ND(0.70)	ND(0.75)	ND(0.74)
Methyl Methanesulfonate	NA	ND(0.41) J	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48) J	ND(0.37) J
Naphthalene	NA	ND(0.41)	ND(0.38)	0.13 J	ND(0.36)	0.34 J	ND(0.48)	ND(0.37)
Nitrobenzene	NA	ND(0.41)	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
N-Nitrosodiethylamine	NA	ND(0.41)	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
N-Nitrosodimethylamine	NA	ND(0.41)	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
N-Nitroso-di-n-butylamine	NA	ND(0.82)	ND(0.76)	ND(0.70)	ND(0.73)	ND(0.70)	ND(0.75)	ND(0.74)
N-Nitroso-di-n-propylamine	NA	ND(0.41)	ND(0.38)	R	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
N-Nitrosodiphenylamine	NA	ND(0.41)	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
N-Nitrosomethylethylamine	NA	ND(0.82)	ND(0.76)	ND(0.70)	ND(0.73)	ND(0.70)	ND(0.75)	ND(0.74)
N-Nitrosomorpholine	NA	ND(0.41)	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
N-Nitrosopiperidine	NA	ND(0.41)	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
N-Nitrosopyrrolidine	NA	ND(0.82)	ND(0.76)	ND(0.70) J	ND(0.73)	ND(0.70)	ND(0.75)	ND(0.74)
o,o,o-Triethylphosphorothioate	NA	ND(0.41)	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
o-Toluidine	NA	ND(0.41)	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
p-Dimethylaminoazobenzene	NA	ND(0.82)	ND(0.76)	ND(0.70)	ND(0.73)	ND(0.70)	ND(0.75)	ND(0.74)
Pentachlorobenzene	NA	ND(0.41)	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
Pentachloroethane	NA	ND(0.41)	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
Pentachloronitrobenzene	NA	ND(0.82)	ND(0.76)	ND(0.70)	ND(0.73)	ND(0.70) J	ND(0.75)	ND(0.74)
Pentachlorophenol	NA	ND(2.1)	ND(1.9)	R	ND(1.8)	ND(1.8)	ND(2.4)	ND(1.9)
Phenacetin	NA	ND(0.82)	ND(0.76)	ND(0.70)	ND(0.73)	ND(0.70)	ND(0.75)	ND(0.74)
Phenanthrene	NA	ND(0.41)	0.11 J	2.6	1.6	3.1	ND(0.48)	ND(0.37)
Phenol	NA	ND(0.41)	ND(0.38)	ND(0.35) J	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
Pronamide	NA	ND(0.41)	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
Pyrene	NA	ND(0.41)	0.28 J	3.3 J	12	3.5	0.13 J	ND(0.37)
Pyridine	NA	ND(0.41)	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
Safrole	NA	ND(0.41)	ND(0.38)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
Thionazin	NA	ND(0.41)	ND(0.38)	ND(0.35) J	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)
Organochlorine Pesticides								
4,4'-DDD	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA	NA	NA	NA
Alpha-BHC	NA	NA	NA	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	NA	NA	NA	NA	NA	NA	NA	NA
Endrin	NA	NA	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA	NA	NA	NA	NA
Endrin Ketone	NA	NA	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA	NA	NA	NA
Kepone	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA	NA	NA	NA	NA

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

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

Sample ID:	RAA12-F28	RAA12-F28	RAA12-F32	RAA12-G25	RAA12-G27	RAA12-G29	RAA12-G31	RAA12-G31
Sample Depth(Feet):	10-12	10-15	0-1	0-1	0-1	0-1	0-1	3-6
Parameter Date Collected:	08/30/02	08/30/02	09/03/02	08/21/02	08/09/02	08/27/02	08/30/02	08/30/02
Organophosphate Pesticides								
Dimethoate	NA	NA	NA	NA	NA	NA	NA	NA
Disulfoton	NA	NA	NA	NA	NA	NA	NA	NA
Ethyl Parathion	NA	NA	NA	NA	NA	NA	NA	NA
Famphur	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Parathion	NA	NA	NA	NA	NA	NA	NA	NA
Phorate	NA	NA	NA	NA	NA	NA	NA	NA
Sulfotep	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides								
2,4,5-T	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA	NA	NA	NA	NA
Dinoseb	NA	NA	NA	NA	NA	NA	NA	NA
Furans								
2,3,7,8-TCDF	NA	ND(0.0000024)	0.000055 Y	0.000026 YQ	0.000057 YQ	0.000041 Y	0.000011 Y	0.0000022 Y
TCDFs (total)	NA	0.000017	0.00069	0.00025	0.00036	0.00018	0.00011	0.000021
1,2,3,7,8-PeCDF	NA	0.0000019 J	0.000058	0.000013 J	0.000026	0.000020	0.000026	0.0000047
2,3,4,7,8-PeCDF	NA	ND(0.0000032) X	0.00012	0.000066 J	0.00011	0.000039	0.000011	0.0000025 J
PeCDFs (total)	NA	0.000021	0.00086 QI	0.00061	0.0012 Q	0.00029 QI	0.00020 Q	0.000036
1,2,3,4,7,8-HxCDF	NA	0.0000026 J	0.00010	0.000019 J	0.00018	0.000037	0.000016	0.0000036
1,2,3,6,7,8-HxCDF	NA	ND(0.0000027) X	0.000090	0.000019 J	0.000076	0.000026	0.0000064	0.0000014 J
1,2,3,7,8,9-HxCDF	NA	ND(0.0000028)	0.000015	0.0000053 J	0.000017 JQ	0.0000062 Q	0.0000017 J	0.00000036 J
2,3,4,6,7,8-HxCDF	NA	0.0000030 J	0.00023	0.000073 J	0.00015	0.000054	0.000015	0.0000026 J
HxCDFs (total)	NA	0.000017	0.0028 I	0.00089 Q	0.0021 Q	0.00066 Q	0.00025	0.000041
1,2,3,4,6,7,8-HpCDF	NA	0.000010 J	0.00026	0.000066	0.00031	0.000096	0.000069	0.000013
1,2,3,4,7,8,9-HpCDF	NA	ND(0.0000028)	0.000028	0.0000072 J	0.00013	0.000015	0.0000048	0.0000011 J
HpCDFs (total)	NA	0.000010	0.00066	0.00018	0.00083	0.00020	0.00032	0.000059
OCDF	NA	ND(0.0000038) X	0.000098	0.000050 J	0.00080	0.00010	0.00040	0.000082
Dioxins								
2,3,7,8-TCDD	NA	ND(0.0000023)	0.0000010	ND(0.0000014)	ND(0.0000038)	0.00000041 J	ND(0.00000054) X	ND(0.00000034)
TCDDs (total)	NA	0.0000034	0.000012	ND(0.0000029)	0.0000031	0.0000053	0.000014	0.0000030
1,2,3,7,8-PeCDD	NA	ND(0.0000020) X	ND(0.0000039) X	ND(0.0000032) X	0.0000049 J	0.0000020 J	ND(0.0000032) X	ND(0.0000010) X
PeCDDs (total)	NA	0.000019	0.000023 Q	0.000014 Q	0.000035 Q	0.000020 Q	0.000054	0.000012
1,2,3,4,7,8-HxCDD	NA	ND(0.0000018) X	0.0000046	0.0000026 J	0.0000035 J	0.0000023 J	0.000018	0.0000032
1,2,3,6,7,8-HxCDD	NA	0.0000025 J	0.0000042	0.0000060 J	0.0000062 J	0.0000034	0.000021	0.0000042
1,2,3,7,8,9-HxCDD	NA	0.0000023 J	0.0000038	0.0000052 J	0.0000055 J	0.0000033	0.000011	0.0000024 J
HxCDDs (total)	NA	0.000042	0.000062	0.000067	0.000058	0.000045 Q	0.00050	0.000097
1,2,3,4,6,7,8-HpCDD	NA	0.000023 J	0.000042	0.000061	0.000044	0.000034	0.00090	0.00018
HpCDDs (total)	NA	0.000054	0.000088	0.00012	0.000093	0.000065	0.0034	0.00066
OCDD	NA	0.00060 J	0.0014	0.00051 J	0.00099	0.00099	0.0078 EJ	0.0022 J
Total TEQs (WHO TEFs)	NA	0.0000050	0.00012	0.000053	0.00012	0.000042	0.000029	0.0000063
Inorganics								
Antimony	NA	1.60 B	1.60 B	1.40 J	2.80 J	1.80 B	1.40 B	1.20 B
Arsenic	NA	6.00	5.70	5.00	7.50	6.60	4.20	4.30
Barium	NA	47.0	48.0	68.0 J	53.0	36.0	23.0	48.0
Beryllium	NA	0.330 B	0.270 B	0.220 B	0.290 B	0.200 B	0.170 B	0.340 B
Cadmium	NA	1.40	0.890	1.30	1.40	2.00	1.10	3.00
Chromium	NA	13.0	11.0	8.00	15.0	12.0	8.40	15.0
Cobalt	NA	4.40 B	6.40	9.60	5.00	3.70 B	2.60 B	2.80 B
Copper	NA	180	140	34.0	170	250	60.0	35.0
Cyanide	NA	ND(0.120)	0.0920 B	0.190	0.100 B	ND(0.100)	0.120	ND(0.110)
Lead	NA	490	89.0	100 J	120	170	360	880
Mercury	NA	0.100 B	0.230	0.390	2.60	0.100 B	0.210	0.0430 B
Nickel	NA	12.0	19.0	19.0	35.0	34.0	6.70	7.90
Selenium	NA	ND(1.00)	0.510 J	0.520 B	ND(1.00)	0.920 B	ND(1.00)	0.590 B
Silver	NA	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide	NA	410	86.0	28.0	200	87.0	75.0	220
Thallium	NA	ND(1.20)	ND(1.70)	ND(1.00)	ND(1.60)	ND(1.00)	ND(1.10)	ND(1.10)
Tin	NA	17.0	ND(10.0)	4.10 B	20.0	ND(16.0)	ND(10.0)	ND(10.0)
Vanadium	NA	19.0	17.0	16.0 J	21.0	14.0	12.0	16.0
Zinc	NA	390	170	110 J	220	360	71.0	89.0

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-G31 4-6 08/30/02	RAA12-H22 0-1 08/05/02	RAA12-H22 1-3 08/05/02	RAA12-H24 0-1 09/04/02	RAA12-H26 0-1 08/09/02	RAA12-H28 3-6 08/09/02	RAA12-H28 4-6 08/09/02
Volatile Organics							
1,1,1,2-Tetrachloroethane	ND(0.0055)	ND(0.0054)	ND(0.0062)	ND(0.0057)	ND(0.0052)	NA	ND(0.0055)
1,1,1-Trichloroethane	ND(0.0055)	ND(0.0054)	ND(0.0062)	ND(0.0057)	ND(0.0052)	NA	ND(0.0055)
1,1,2,2-Tetrachloroethane	ND(0.0055)	ND(0.0054)	ND(0.0062)	ND(0.0057)	ND(0.0052)	NA	ND(0.0055)
1,1,2-Trichloroethane	ND(0.0055)	ND(0.0054)	ND(0.0062)	ND(0.0057)	ND(0.0052)	NA	ND(0.0055)
1,1-Dichloroethane	ND(0.0055)	ND(0.0054)	ND(0.0062)	ND(0.0057)	ND(0.0052)	NA	ND(0.0055)
1,1-Dichloroethene	ND(0.0055)	ND(0.0054)	ND(0.0062)	ND(0.0057)	ND(0.0052)	NA	ND(0.0055)
1,2,3-Trichloropropane	ND(0.0055)	ND(0.0054)	ND(0.0062)	ND(0.0057)	ND(0.0052)	NA	ND(0.0055)
1,2-Dibromo-3-chloropropane	ND(0.0055)	ND(0.0054)	ND(0.0062)	ND(0.0057)	ND(0.0052)	NA	ND(0.0055)
1,2-Dibromoethane	ND(0.0055)	ND(0.0054)	ND(0.0062)	ND(0.0057)	ND(0.0052)	NA	ND(0.0055)
1,2-Dichloroethane	ND(0.0055)	ND(0.0054)	ND(0.0062)	ND(0.0057)	ND(0.0052)	NA	ND(0.0055)
1,2-Dichloropropane	ND(0.0055)	ND(0.0054)	ND(0.0062)	ND(0.0057)	ND(0.0052)	NA	ND(0.0055)
1,4-Dioxane	ND(0.11) J	ND(0.11) J	ND(0.12) J	ND(0.11) J	ND(0.10) J	NA	ND(0.11) J
2-Butanone	ND(0.011)	ND(0.011)	ND(0.012)	ND(0.011)	ND(0.010)	NA	ND(0.011)
2-Chloro-1,3-butadiene	ND(0.0055)	ND(0.0054)	ND(0.0062)	ND(0.0057)	ND(0.0052)	NA	ND(0.0055)
2-Chloroethylvinylether	ND(0.0055) J	ND(0.0054) J	ND(0.0062) J	ND(0.0057) J	ND(0.0052) J	NA	ND(0.0055) J
2-Hexanone	ND(0.011)	ND(0.011)	ND(0.012)	ND(0.011)	ND(0.010)	NA	ND(0.011)
3-Chloropropene	ND(0.0055)	ND(0.0054)	ND(0.0062)	ND(0.0057)	ND(0.0052)	NA	ND(0.0055)
4-Methyl-2-pentanone	ND(0.011)	ND(0.011)	ND(0.012)	ND(0.011)	ND(0.010)	NA	ND(0.011)
Acetone	ND(0.022)	ND(0.022)	ND(0.025)	0.012 J	ND(0.021)	NA	0.013 J
Acetonitrile	ND(0.11)	ND(0.11)	ND(0.12)	ND(0.11)	ND(0.10)	NA	ND(0.11)
Acrolein	ND(0.11) J	ND(0.11) J	ND(0.12) J	ND(0.11) J	ND(0.10) J	NA	ND(0.11) J
Acrylonitrile	ND(0.0055)	ND(0.0054)	ND(0.0062)	ND(0.0057)	ND(0.0052)	NA	ND(0.0055)
Benzene	ND(0.0055)	ND(0.0054)	ND(0.0062)	ND(0.0057)	ND(0.0052)	NA	ND(0.0055)
Bromodichloromethane	ND(0.0055)	ND(0.0054)	ND(0.0062)	ND(0.0057)	ND(0.0052)	NA	ND(0.0055)
Bromoform	ND(0.0055)	ND(0.0054)	ND(0.0062)	ND(0.0057)	ND(0.0052)	NA	ND(0.0055)
Bromomethane	ND(0.0055)	ND(0.0054) J	ND(0.0062) J	ND(0.0057)	ND(0.0052) J	NA	ND(0.0055) J
Carbon Disulfide	ND(0.0055)	ND(0.0054)	ND(0.0062)	ND(0.0057)	ND(0.0052) J	NA	ND(0.0055) J
Carbon Tetrachloride	ND(0.0055)	ND(0.0054)	ND(0.0062)	ND(0.0057) J	ND(0.0052)	NA	ND(0.0055)
Chlorobenzene	ND(0.0055)	ND(0.0054)	ND(0.0062)	ND(0.0057)	ND(0.0052)	NA	ND(0.0055)
Chloroethane	ND(0.0055)	ND(0.0054)	ND(0.0062)	ND(0.0057)	ND(0.0052)	NA	ND(0.0055)
Chloroform	ND(0.0055)	ND(0.0054)	ND(0.0062)	ND(0.0057)	ND(0.0052)	NA	ND(0.0055)
Chloromethane	ND(0.0055)	ND(0.0054)	ND(0.0062)	ND(0.0057)	ND(0.0052)	NA	ND(0.0055)
cis-1,3-Dichloropropene	ND(0.0055)	ND(0.0054)	ND(0.0062)	ND(0.0057)	ND(0.0052)	NA	ND(0.0055)
Dibromochloromethane	ND(0.0055)	ND(0.0054)	ND(0.0062)	ND(0.0057)	ND(0.0052)	NA	ND(0.0055)
Dibromomethane	ND(0.0055)	ND(0.0054)	ND(0.0062)	ND(0.0057)	ND(0.0052)	NA	ND(0.0055)
Dichlorodifluoromethane	ND(0.0055)	ND(0.0054)	ND(0.0062)	ND(0.0057) J	ND(0.0052)	NA	ND(0.0055)
Ethyl Methacrylate	ND(0.0055)	ND(0.0054)	ND(0.0062)	ND(0.0057)	ND(0.0052)	NA	ND(0.0055)
Ethylbenzene	ND(0.0055)	ND(0.0054)	ND(0.0062)	ND(0.0057)	ND(0.0052)	NA	ND(0.0055)
Iodomethane	ND(0.0055)	ND(0.0054)	ND(0.0062)	ND(0.0057)	ND(0.0052)	NA	ND(0.0055)
Isobutanol	ND(0.11)	ND(0.11)	ND(0.12)	ND(0.11)	ND(0.10)	NA	ND(0.11)
Methacrylonitrile	ND(0.0055)	ND(0.0054)	ND(0.0062)	ND(0.0057)	ND(0.0052)	NA	ND(0.0055)
Methyl Methacrylate	ND(0.0055)	ND(0.0054)	ND(0.0062)	ND(0.0057)	ND(0.0052)	NA	ND(0.0055)
Methylene Chloride	ND(0.0055)	ND(0.0054)	ND(0.0062)	ND(0.0057)	ND(0.0052)	NA	ND(0.0055)
Propionitrile	ND(0.011)	ND(0.011)	ND(0.012)	ND(0.011)	ND(0.010)	NA	ND(0.011)
Styrene	ND(0.0055)	ND(0.0054)	ND(0.0062)	ND(0.0057)	ND(0.0052)	NA	ND(0.0055)
Tetrachloroethene	ND(0.0055)	ND(0.0054)	ND(0.0062)	ND(0.0057)	ND(0.0052)	NA	ND(0.0055)
Toluene	ND(0.0055)	ND(0.0054)	ND(0.0062)	ND(0.0057)	ND(0.0052)	NA	ND(0.0055)
trans-1,2-Dichloroethene	ND(0.0055)	ND(0.0054)	ND(0.0062)	ND(0.0057)	ND(0.0052)	NA	ND(0.0055)
trans-1,3-Dichloropropene	ND(0.0055)	ND(0.0054)	ND(0.0062)	ND(0.0057)	ND(0.0052)	NA	ND(0.0055)
trans-1,4-Dichloro-2-butene	ND(0.0055)	ND(0.0054)	ND(0.0062)	ND(0.0057)	ND(0.0052)	NA	ND(0.0055)
Trichloroethene	ND(0.0055)	ND(0.0054)	ND(0.0062)	ND(0.0057)	ND(0.0052)	NA	ND(0.0055)
Trichlorofluoromethane	ND(0.0055) J	ND(0.0054)	ND(0.0062)	ND(0.0057) J	ND(0.0052)	NA	ND(0.0055)
Vinyl Acetate	ND(0.0055)	ND(0.0054)	ND(0.0062)	ND(0.0057)	ND(0.0052)	NA	ND(0.0055)
Vinyl Chloride	ND(0.0055)	ND(0.0054)	ND(0.0062)	ND(0.0057)	ND(0.0052)	NA	ND(0.0055)
Xylenes (total)	ND(0.0055)	ND(0.0054)	ND(0.0062)	ND(0.0057)	ND(0.0052)	NA	ND(0.0055)
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
1,2,4-Trichlorobenzene	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
1,2-Dichlorobenzene	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
1,2-Diphenylhydrazine	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
1,3,5-Trinitrobenzene	NA	ND(0.36)	ND(0.41)	ND(0.38) J	ND(0.34)	ND(0.37)	NA
1,3-Dichlorobenzene	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
1,3-Dinitrobenzene	NA	ND(0.72)	ND(0.83)	ND(0.76)	ND(0.69) J	ND(0.74)	NA
1,4-Dichlorobenzene	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
1,4-Naphthoquinone	NA	ND(0.72)	ND(0.83)	ND(0.76)	ND(0.69)	ND(0.74)	NA
1-Naphthylamine	NA	ND(0.72)	ND(0.83)	ND(0.76)	ND(0.69)	ND(0.74)	NA
2,3,4,6-Tetrachlorophenol	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA

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

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

Sample ID:	RAA12-G31	RAA12-H22	RAA12-H22	RAA12-H24	RAA12-H26	RAA12-H28	RAA12-H28
Sample Depth(Feet):	4-6	0-1	1-3	0-1	0-1	3-6	4-6
Parameter Date Collected:	08/30/02	08/05/02	08/05/02	09/04/02	08/09/02	08/09/02	08/09/02
Semivolatile Organics (continued)							
2,4,5-Trichlorophenol	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
2,4,6-Trichlorophenol	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
2,4-Dichlorophenol	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
2,4-Dimethylphenol	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
2,4-Dinitrophenol	NA	ND(1.8)	ND(2.1)	ND(1.9)	ND(1.8)	ND(1.9)	NA
2,4-Dinitrotoluene	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
2,6-Dichlorophenol	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
2,6-Dinitrotoluene	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
2-Acetylaminofluorene	NA	ND(0.72) J	ND(0.83) J	ND(0.76)	ND(0.69)	ND(0.74)	NA
2-Chloronaphthalene	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
2-Chlorophenol	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
2-Methylnaphthalene	NA	ND(0.36)	ND(0.41)	ND(0.38)	0.12 J	ND(0.37)	NA
2-Methylphenol	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
2-Naphthylamine	NA	ND(0.72)	ND(0.83)	ND(0.76)	ND(0.69)	ND(0.74)	NA
2-Nitroaniline	NA	ND(1.8)	ND(2.1)	ND(1.9)	ND(1.8)	ND(1.9)	NA
2-Nitrophenol	NA	ND(0.72)	ND(0.83)	ND(0.76)	ND(0.69)	ND(0.74)	NA
2-Picoline	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
3&4-Methylphenol	NA	ND(0.72)	ND(0.83)	ND(0.76)	ND(0.69)	ND(0.74)	NA
3,3'-Dichlorobenzidine	NA	ND(0.72) J	ND(0.83) J	ND(0.76) J	ND(0.69)	ND(0.74)	NA
3,3'-Dimethylbenzidine	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
3-Methylcholanthrene	NA	ND(0.72)	ND(0.83)	ND(0.76)	ND(0.69)	ND(0.74)	NA
3-Nitroaniline	NA	ND(1.8)	ND(2.1)	ND(1.9)	ND(1.8)	ND(1.9)	NA
4,6-Dinitro-2-methylphenol	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
4-Aminobiphenyl	NA	ND(0.72)	ND(0.83)	ND(0.76) J	ND(0.69) J	ND(0.74) J	NA
4-Bromophenyl-phenylether	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
4-Chloro-3-Methylphenol	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
4-Chloroaniline	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
4-Chlorobenzilate	NA	ND(0.72) J	ND(0.83) J	ND(0.76) J	ND(0.69)	ND(0.74)	NA
4-Chlorophenyl-phenylether	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
4-Nitroaniline	NA	ND(1.8)	ND(2.1)	ND(1.9)	ND(1.8)	ND(1.9) J	NA
4-Nitrophenol	NA	ND(1.8)	ND(2.1)	ND(1.9)	ND(1.8)	ND(1.9)	NA
4-Nitroquinoline-1-oxide	NA	ND(0.72) J	ND(0.83) J	ND(0.76)	ND(0.69)	ND(0.74)	NA
4-Phenylenediamine	NA	ND(0.72) J	ND(0.83) J	ND(0.76) J	ND(0.69) J	ND(0.74) J	NA
5-Nitro-o-toluidine	NA	ND(0.72)	ND(0.83)	ND(0.76)	ND(0.69)	ND(0.74)	NA
7,12-Dimethylbenz(a)anthracene	NA	ND(0.72)	ND(0.83)	ND(0.76)	ND(0.69)	ND(0.74)	NA
a,a'-Dimethylphenethylamine	NA	ND(0.72)	ND(0.83)	ND(0.76)	ND(0.69)	ND(0.74)	NA
Acenaphthene	NA	ND(0.36)	ND(0.41)	ND(0.38)	0.22 J	ND(0.37)	NA
Acenaphthylene	NA	ND(0.36)	ND(0.41)	ND(0.38)	1.2	ND(0.37)	NA
Acetophenone	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
Aniline	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
Anthracene	NA	ND(0.36)	ND(0.41)	ND(0.38)	1.3	ND(0.37)	NA
Aramite	NA	ND(0.72)	ND(0.83)	ND(0.76) J	ND(0.69)	ND(0.74) J	NA
Benzidine	NA	ND(0.72)	ND(0.83)	ND(0.76) J	ND(0.69) J	ND(0.74) J	NA
Benzo(a)anthracene	NA	ND(0.36)	ND(0.41)	0.086 J	5.1	ND(0.37)	NA
Benzo(a)pyrene	NA	ND(0.36)	ND(0.41)	ND(0.38)	2.9	ND(0.37)	NA
Benzo(b)fluoranthene	NA	ND(0.36)	ND(0.41)	0.21 J	3.3	ND(0.37)	NA
Benzo(g,h,i)perylene	NA	ND(0.36)	ND(0.41)	ND(0.38)	2.8	ND(0.37)	NA
Benzo(k)fluoranthene	NA	ND(0.36)	ND(0.41)	ND(0.38)	3.2	ND(0.37)	NA
Benzyl Alcohol	NA	ND(0.72)	ND(0.83)	ND(0.76)	ND(0.69)	ND(0.74)	NA
bis(2-Chloroethoxy)methane	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
bis(2-Chloroethyl)ether	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
bis(2-Chloroisopropyl)ether	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
bis(2-Ethylhexyl)phthalate	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.36)	NA
Butylbenzylphthalate	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
Chrysene	NA	ND(0.36)	ND(0.41)	0.18 J	4.9	0.092 J	NA
Diallate	NA	ND(0.72)	ND(0.83)	ND(0.76)	ND(0.69)	ND(0.74)	NA
Dibenzo(a,h)anthracene	NA	ND(0.36)	ND(0.41)	ND(0.38)	0.67	ND(0.37)	NA
Dibenzofuran	NA	ND(0.36)	ND(0.41)	ND(0.38)	0.58	ND(0.37)	NA
Diethylphthalate	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
Dimethylphthalate	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
Di-n-Butylphthalate	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
Di-n-Octylphthalate	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
Diphenylamine	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
Ethyl Methanesulfonate	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
Fluoranthene	NA	ND(0.36)	ND(0.41)	0.20 J	13	0.22 J	NA

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-G31 4-6 08/30/02	RAA12-H22 0-1 08/05/02	RAA12-H22 1-3 08/05/02	RAA12-H24 0-1 09/04/02	RAA12-H26 0-1 08/09/02	RAA12-H28 3-6 08/09/02	RAA12-H28 4-6 08/09/02
Semivolatile Organics (continued)							
Fluorene	NA	ND(0.36)	ND(0.41)	ND(0.38)	1.6	ND(0.37)	NA
Hexachlorobenzene	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
Hexachlorobutadiene	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
Hexachlorocyclopentadiene	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
Hexachloroethane	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
Hexachlorophene	NA	ND(0.72) J	ND(0.83) J	ND(0.76)	ND(0.69)	ND(0.74) J	NA
Hexachloropropene	NA	ND(0.36)	ND(0.41)	ND(0.38) J	ND(0.34)	ND(0.37)	NA
Indeno(1,2,3-cd)pyrene	NA	ND(0.36)	ND(0.41)	ND(0.38)	2.0	ND(0.37)	NA
Isodrin	NA	ND(0.36) J	ND(0.41) J	ND(0.38)	ND(0.34)	ND(0.37)	NA
Isophorone	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
Isosafrole	NA	ND(0.72)	ND(0.83)	ND(0.76)	ND(0.69)	ND(0.74)	NA
Methapyrilene	NA	ND(0.72) J	ND(0.83) J	ND(0.76)	ND(0.69)	ND(0.74)	NA
Methyl Methanesulfonate	NA	ND(0.36)	ND(0.41)	ND(0.38) J	ND(0.34)	ND(0.37)	NA
Naphthalene	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
Nitrobenzene	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
N-Nitrosodiethylamine	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
N-Nitrosodimethylamine	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
N-Nitroso-di-n-butylamine	NA	ND(0.72)	ND(0.83)	ND(0.76)	ND(0.69)	ND(0.74)	NA
N-Nitroso-di-n-propylamine	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
N-Nitrosodiphenylamine	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
N-Nitrosomethylethylamine	NA	ND(0.72)	ND(0.83)	ND(0.76)	ND(0.69)	ND(0.74)	NA
N-Nitrosomorpholine	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
N-Nitrosopiperidine	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
N-Nitrosopyrrolidine	NA	ND(0.72)	ND(0.83)	ND(0.76) J	ND(0.69)	ND(0.74)	NA
o,o,o-Triethylphosphorothioate	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
o-Toluidine	NA	ND(0.36)	ND(0.41)	ND(0.38) J	ND(0.34)	ND(0.37)	NA
p-Dimethylaminoazobenzene	NA	ND(0.72)	ND(0.83)	ND(0.76)	ND(0.69)	ND(0.74)	NA
Pentachlorobenzene	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
Pentachloroethane	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
Pentachloronitrobenzene	NA	ND(0.72) J	ND(0.83) J	ND(0.76)	ND(0.69)	ND(0.74) J	NA
Pentachlorophenol	NA	ND(1.8)	ND(2.1)	ND(1.9)	ND(1.8)	ND(1.9)	NA
Phenacetin	NA	ND(0.72)	ND(0.83)	ND(0.76)	ND(0.69)	ND(0.74)	NA
Phenanthrene	NA	ND(0.36)	ND(0.41)	0.11 J	14	0.29 J	NA
Phenol	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
Pronamide	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
Pyrene	NA	ND(0.36)	ND(0.41)	0.17 J	18	0.22 J	NA
Pyridine	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
Safrole	NA	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.34)	ND(0.37)	NA
Thionazin	NA	ND(0.36)	ND(0.41)	ND(0.38) J	ND(0.34)	ND(0.37)	NA
Organochlorine Pesticides							
4,4'-DDD	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA	NA	NA
Alpha-BHC	NA	NA	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	NA	NA	NA	NA	NA	NA	NA
Endrin	NA	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA	NA	NA	NA
Endrin Ketone	NA	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	NA	NA	NA	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA	NA	NA
Kepone	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA	NA	NA	NA

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

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

Sample ID:	RAA12-G31	RAA12-H22	RAA12-H22	RAA12-H24	RAA12-H26	RAA12-H28	RAA12-H28
Sample Depth(Feet):	4-6	0-1	1-3	0-1	0-1	3-6	4-6
Parameter Date Collected:	08/30/02	08/05/02	08/05/02	09/04/02	08/09/02	08/09/02	08/09/02
Organophosphate Pesticides							
Dimethoate	NA	NA	NA	NA	NA	NA	NA
Disulfoton	NA	NA	NA	NA	NA	NA	NA
Ethyl Parathion	NA	NA	NA	NA	NA	NA	NA
Famphur	NA	NA	NA	NA	NA	NA	NA
Methyl Parathion	NA	NA	NA	NA	NA	NA	NA
Phorate	NA	NA	NA	NA	NA	NA	NA
Sulfotep	NA	NA	NA	NA	NA	NA	NA
Herbicides							
2,4,5-T	NA	NA	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA	NA	NA	NA
Dinoseb	NA	NA	NA	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF	NA	0.00000042 J	ND(0.00000023)	0.0000022 Y	0.000088 YQ	0.00000041 J	NA
TCDFs (total)	NA	0.0000018	ND(0.00000023)	0.000015	0.00062	0.0000018	NA
1,2,3,7,8-PeCDF	NA	0.00000032 J	ND(0.00000027)	0.00000074 J	0.000034	ND(0.00000022) X	NA
2,3,4,7,8-PeCDF	NA	0.00000026 J	ND(0.00000027)	0.0000015 J	0.00013	0.00000030 J	NA
PeCDFs (total)	NA	0.00000086	ND(0.00000027)	0.000015	0.0016 QI	0.0000017	NA
1,2,3,4,7,8-HxCDF	NA	0.00000027 J	ND(0.00000027)	0.00000096 J	0.000071	0.00000027 J	NA
1,2,3,6,7,8-HxCDF	NA	ND(0.00000018)	ND(0.00000027)	0.00000081 J	0.000058	0.00000023 J	NA
1,2,3,7,8,9-HxCDF	NA	ND(0.00000033)	ND(0.00000027)	ND(0.00000020) X	0.000013 JQ	ND(0.00000026)	NA
2,3,4,6,7,8-HxCDF	NA	ND(0.00000018)	ND(0.00000027)	0.0000011 J	0.00016	0.00000026 J	NA
HxCDFs (total)	NA	0.0000017	ND(0.00000027)	0.000015	0.0022 Q	0.0000015	NA
1,2,3,4,6,7,8-HpCDF	NA	ND(0.00000032)	ND(0.00000027)	0.0000036 J	0.00017	0.00000049 J	NA
1,2,3,4,7,8,9-HpCDF	NA	ND(0.00000029)	ND(0.00000027)	0.00000035 J	0.000023 J	ND(0.00000028)	NA
HpCDFs (total)	NA	0.00000032	ND(0.00000027)	0.0000085	0.00040	0.00000049	NA
OCDF	NA	0.00000036 J	ND(0.00000055)	0.0000070 J	0.000097	ND(0.00000057)	NA
Dioxins							
2,3,7,8-TCDD	NA	ND(0.00000031)	ND(0.00000030)	ND(0.00000022)	ND(0.0000032)	ND(0.00000027)	NA
TCDDs (total)	NA	ND(0.00000033)	ND(0.00000032)	ND(0.00000038)	0.0000045	0.0000011	NA
1,2,3,7,8-PeCDD	NA	ND(0.00000029)	ND(0.00000027)	ND(0.00000021) X	ND(0.0000041) X	ND(0.00000021) X	NA
PeCDDs (total)	NA	ND(0.00000044)	ND(0.00000045)	0.00000044	0.000021 Q	0.0000028	NA
1,2,3,4,7,8-HxCDD	NA	ND(0.00000046)	ND(0.00000034)	ND(0.00000028) X	0.0000029 J	ND(0.00000020) X	NA
1,2,3,6,7,8-HxCDD	NA	ND(0.00000041)	ND(0.00000030)	0.00000059 J	0.0000053 J	ND(0.00000036) X	NA
1,2,3,7,8,9-HxCDD	NA	ND(0.00000041)	ND(0.00000031)	0.00000046 J	0.0000042 J	ND(0.00000040) X	NA
HxCDDs (total)	NA	ND(0.00000042)	ND(0.00000049)	0.0000017	0.000058	0.0000017	NA
1,2,3,4,6,7,8-HpCDD	NA	0.00000052 J	ND(0.00000024) X	0.0000088	0.000030	0.0000045	NA
HpCDDs (total)	NA	0.00000095	ND(0.00000027)	0.000017	0.000060	0.000012	NA
OCDD	NA	ND(0.0000037)	ND(0.0000017)	0.000055	0.00016	0.00018	NA
Total TEQs (WHO TEFs)	NA	0.00000062	0.00000048	0.0000018	0.00011	0.00000064	NA
Inorganics							
Antimony	NA	ND(6.00)	ND(6.00)	ND(6.00)	1.00 J	2.70 J	NA
Arsenic	NA	2.70	4.60	6.50	3.70	4.90	NA
Barium	NA	14.0 B	25.0	19.0 B	24.0	66.0	NA
Beryllium	NA	0.320 B	0.550	0.270 B	0.200 B	0.420 B	NA
Cadmium	NA	0.440 B	0.720	ND(0.500)	0.340 B	1.30	NA
Chromium	NA	7.50	12.0	7.60	5.40	25.0	NA
Cobalt	NA	6.30	11.0	9.70	6.00	3.50 B	NA
Copper	NA	10.0	17.0	26.0	44.0	230	NA
Cyanide	NA	ND(0.110)	ND(0.120)	ND(0.110)	ND(0.100)	0.120	NA
Lead	NA	12.0	7.60	13.0	9.80	120	NA
Mercury	NA	ND(0.110)	ND(0.120)	ND(0.110)	ND(0.100)	ND(0.110)	NA
Nickel	NA	11.0	18.0	17.0	14.0	37.0	NA
Selenium	NA	ND(1.00) J	ND(1.00) J	ND(1.00) J	ND(1.00)	ND(1.00)	NA
Silver	NA	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	NA
Sulfide	NA	17.0	26.0	20.0	33.0	380	NA
Thallium	NA	ND(1.60)	0.980 B	1.40	ND(1.60)	ND(1.60)	NA
Tin	NA	3.40 B	4.00 B	ND(10.0)	4.50 B	13.0	NA
Vanadium	NA	7.80	13.0	7.10	4.70 B	19.0	NA
Zinc	NA	39.0	53.0	39.0	42.0	97.0	NA

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

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

Sample ID:	RAA12-H28	RAA12-H30	RAA12-H30	RAA12-H30	RAA12-H32	RAA12-H32	RAA12-H32
Sample Depth(Feet):	6-10	0-1	6-10	8-10	0-1	1-3	6-10
Parameter Date Collected:	08/09/02	09/09/02	09/09/02	09/09/02	08/30/02	08/30/02	08/30/02
Volatile Organics							
1,1,1,2-Tetrachloroethane	NA	ND(0.0052) J	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA
1,1,1-Trichloroethane	NA	ND(0.0052) J	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA
1,1,2,2-Tetrachloroethane	NA	ND(0.0052) J	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA
1,1,2-Trichloroethane	NA	ND(0.0052) J	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA
1,1-Dichloroethane	NA	ND(0.0052) J	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA
1,1-Dichloroethene	NA	ND(0.0052) J	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA
1,2,3-Trichloropropane	NA	ND(0.0052) J	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA
1,2-Dibromo-3-chloropropane	NA	ND(0.0052) J	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA
1,2-Dibromoethane	NA	ND(0.0052) J	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA
1,2-Dichloroethane	NA	ND(0.0052) J	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA
1,2-Dichloropropane	NA	ND(0.0052) J	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA
1,4-Dioxane	NA	ND(0.10) J	NA	ND(0.10) J	ND(0.12) J	ND(0.12) J	NA
2-Butanone	NA	ND(0.010) J	NA	ND(0.010)	ND(0.012)	ND(0.012)	NA
2-Chloro-1,3-butadiene	NA	ND(0.0052) J	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA
2-Chloroethylvinylether	NA	ND(0.0052) J	NA	ND(0.0052) J	ND(0.0063) J	ND(0.0058) J	NA
2-Hexanone	NA	ND(0.010) J	NA	ND(0.010)	ND(0.012)	ND(0.012)	NA
3-Chloropropene	NA	ND(0.0052) J	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA
4-Methyl-2-pentanone	NA	ND(0.010) J	NA	ND(0.010)	ND(0.012)	ND(0.012)	NA
Acetone	NA	ND(0.021) J	NA	0.015 J	ND(0.025)	ND(0.023)	NA
Acetonitrile	NA	ND(0.10) J	NA	ND(0.10)	ND(0.12)	ND(0.12)	NA
Acrolein	NA	ND(0.10) J	NA	ND(0.10) J	ND(0.12) J	ND(0.12) J	NA
Acrylonitrile	NA	ND(0.0052) J	NA	ND(0.0052) J	ND(0.0063)	ND(0.0058)	NA
Benzene	NA	ND(0.0052) J	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA
Bromodichloromethane	NA	ND(0.0052) J	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA
Bromoform	NA	ND(0.0052) J	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA
Bromomethane	NA	ND(0.0052) J	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA
Carbon Disulfide	NA	ND(0.0052) J	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA
Carbon Tetrachloride	NA	ND(0.0052) J	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA
Chlorobenzene	NA	ND(0.0052) J	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA
Chloroethane	NA	ND(0.0052) J	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA
Chloroform	NA	ND(0.0052) J	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA
Chloromethane	NA	ND(0.0052) J	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA
cis-1,3-Dichloropropene	NA	ND(0.0052) J	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA
Dibromochloromethane	NA	ND(0.0052) J	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA
Dibromomethane	NA	ND(0.0052) J	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA
Dichlorodifluoromethane	NA	ND(0.0052) J	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA
Ethyl Methacrylate	NA	ND(0.0052) J	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA
Ethylbenzene	NA	ND(0.0052) J	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA
Iodomethane	NA	ND(0.0052) J	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA
Isobutanol	NA	ND(0.10) J	NA	ND(0.10)	ND(0.12)	ND(0.12)	NA
Methacrylonitrile	NA	ND(0.0052) J	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA
Methyl Methacrylate	NA	ND(0.0052) J	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA
Methylene Chloride	NA	ND(0.0052) J	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA
Propionitrile	NA	ND(0.010) J	NA	ND(0.010)	ND(0.012)	ND(0.012)	NA
Styrene	NA	ND(0.0052) J	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA
Tetrachloroethene	NA	ND(0.0052) J	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA
Toluene	NA	ND(0.0052) J	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA
trans-1,2-Dichloroethene	NA	ND(0.0052) J	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA
trans-1,3-Dichloropropene	NA	ND(0.0052) J	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA
trans-1,4-Dichloro-2-butene	NA	ND(0.0052) J	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA
Trichloroethene	NA	ND(0.0052) J	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA
Trichlorofluoromethane	NA	ND(0.0052) J	NA	ND(0.0052) J	ND(0.0063) J	ND(0.0058) J	NA
Vinyl Acetate	NA	ND(0.0052) J	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA
Vinyl Chloride	NA	ND(0.0052) J	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA
Xylenes (total)	NA	ND(0.0052) J	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
1,2,4-Trichlorobenzene	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
1,2-Dichlorobenzene	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
1,2-Diphenylhydrazine	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
1,3,5-Trinitrobenzene	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
1,3-Dichlorobenzene	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
1,3-Dinitrobenzene	ND(0.78)	ND(0.70)	ND(0.70) [ND(0.72)]	NA	ND(0.96)	ND(1.0)	ND(0.76)
1,4-Dichlorobenzene	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
1,4-Naphthoquinone	ND(0.78)	ND(0.70)	ND(0.70) [ND(0.72)]	NA	ND(0.96)	ND(1.0)	ND(0.76)
1-Naphthylamine	ND(0.78)	ND(0.70)	ND(0.70) [ND(0.72)]	NA	ND(0.96)	ND(1.0)	ND(0.76)
2,3,4,6-Tetrachlorophenol	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-H28 6-10 08/09/02	RAA12-H30 0-1 09/09/02	RAA12-H30 6-10 09/09/02	RAA12-H30 8-10 09/09/02	RAA12-H32 0-1 08/30/02	RAA12-H32 1-3 08/30/02	RAA12-H32 6-10 08/30/02
Semivolatile Organics (continued)							
2,4,5-Trichlorophenol	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
2,4,6-Trichlorophenol	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
2,4-Dichlorophenol	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
2,4-Dimethylphenol	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
2,4-Dinitrophenol	ND(2.0)	ND(1.8)	ND(1.8) [ND(1.8)]	NA	ND(4.8)	ND(5.1)	ND(1.9)
2,4-Dinitrotoluene	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
2,6-Dichlorophenol	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
2,6-Dinitrotoluene	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
2-Acetylaminofluorene	ND(0.78)	ND(0.70)	ND(0.70) [ND(0.72)]	NA	ND(0.96) J	ND(1.0) J	ND(0.76) J
2-Chloronaphthalene	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
2-Chlorophenol	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
2-Methylnaphthalene	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
2-Methylphenol	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
2-Naphthylamine	ND(0.78)	ND(0.70)	ND(0.70) [ND(0.72)]	NA	ND(0.96)	ND(1.0)	ND(0.76)
2-Nitroaniline	ND(2.0)	ND(1.8)	ND(1.8) [ND(1.8)]	NA	ND(4.8)	ND(5.1)	ND(1.9)
2-Nitrophenol	ND(0.78)	ND(0.70)	ND(0.70) [ND(0.72)]	NA	ND(0.96)	ND(1.0)	ND(0.76)
2-Picoline	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96) J	ND(1.0) J	ND(0.38) J
3&4-Methylphenol	ND(0.78)	ND(0.70)	ND(0.70) [ND(0.72)]	NA	ND(0.96)	ND(1.0)	ND(0.76)
3,3'-Dichlorobenzidine	ND(0.78)	ND(0.70) J	ND(0.70) J [ND(0.72) J]	NA	ND(1.9)	ND(2.0)	ND(0.76)
3,3'-Dimethylbenzidine	ND(0.39)	ND(0.35) J	ND(0.35) J [ND(0.36) J]	NA	ND(0.96) J	ND(1.0) J	ND(0.38) J
3-Methylcholanthrene	ND(0.78)	ND(0.70)	ND(0.70) [ND(0.72)]	NA	ND(0.96)	ND(1.0)	ND(0.76)
3-Nitroaniline	ND(2.0)	ND(1.8)	ND(1.8) [ND(1.8)]	NA	ND(4.8) J	ND(5.1) J	ND(1.9) J
4,6-Dinitro-2-methylphenol	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
4-Aminobiphenyl	ND(0.78) J	ND(0.70) J	ND(0.70) J [ND(0.72) J]	NA	ND(0.96) J	ND(1.0) J	ND(0.76) J
4-Bromophenyl-phenylether	ND(0.39)	ND(0.35) J	ND(0.35) J [ND(0.36) J]	NA	ND(0.96)	ND(1.0)	ND(0.38)
4-Chloro-3-Methylphenol	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
4-Chloroaniline	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
4-Chlorobenzilate	ND(0.78)	ND(0.70) J	ND(0.70) J [ND(0.72) J]	NA	ND(0.96)	ND(1.0)	ND(0.76)
4-Chlorophenyl-phenylether	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
4-Nitroaniline	ND(2.0) J	ND(1.8)	ND(1.8) [ND(1.8)]	NA	ND(2.1)	ND(2.0)	ND(1.9)
4-Nitrophenol	ND(2.0)	ND(1.8)	ND(1.8) [ND(1.8)]	NA	ND(4.8)	ND(5.1)	ND(1.9)
4-Nitroquinoline-1-oxide	ND(0.78)	ND(0.70)	ND(0.70) [ND(0.72)]	NA	ND(0.96)	ND(1.0)	ND(0.76)
4-Phenylenediamine	ND(0.78) J	ND(0.70) J	ND(0.70) J [ND(0.72) J]	NA	ND(0.96) J	ND(1.0) J	ND(0.76) J
5-Nitro-o-toluidine	ND(0.78)	ND(0.70)	ND(0.70) [ND(0.72)]	NA	ND(0.96)	ND(1.0)	ND(0.76)
7,12-Dimethylbenz(a)anthracene	ND(0.78)	ND(0.70)	ND(0.70) [ND(0.72)]	NA	ND(0.96)	ND(1.0)	ND(0.76)
a,a'-Dimethylphenethylamine	ND(0.78)	ND(0.70)	ND(0.70) [ND(0.72)]	NA	ND(0.96)	ND(1.0)	ND(0.76)
Acenaphthene	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
Acenaphthylene	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
Acetophenone	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
Aniline	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
Anthracene	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
Aramite	ND(0.78) J	ND(0.70) J	ND(0.70) J [ND(0.72) J]	NA	ND(0.96) J	ND(1.0) J	ND(0.76) J
Benzidine	ND(0.78) J	ND(0.70) J	ND(0.70) J [ND(0.72) J]	NA	ND(1.9)	ND(2.0)	ND(0.76)
Benzo(a)anthracene	ND(0.39)	0.21 J	0.24 J [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
Benzo(a)pyrene	ND(0.39)	0.32 J	0.37 [0.28 J]	NA	ND(0.96)	ND(1.0)	ND(0.38)
Benzo(b)fluoranthene	ND(0.39)	0.37	0.72 [0.36]	NA	ND(0.96)	0.37 J	ND(0.38)
Benzo(g,h,i)perylene	ND(0.39)	0.27 J	0.70 [0.52]	NA	ND(0.96)	ND(1.0)	ND(0.38)
Benzo(k)fluoranthene	ND(0.39)	ND(0.35)	0.36 [0.38]	NA	ND(0.96)	ND(1.0)	ND(0.38)
Benzyl Alcohol	ND(0.78)	ND(0.70)	ND(0.70) [ND(0.72)]	NA	ND(1.9)	ND(2.0)	ND(0.76)
bis(2-Chloroethoxy)methane	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
bis(2-Chloroethyl)ether	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
bis(2-Chloroisopropyl)ether	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
bis(2-Ethylhexyl)phthalate	ND(0.38)	ND(0.34)	ND(0.35) [ND(0.35)]	NA	ND(0.48)	ND(0.51)	ND(0.38)
Butylbenzylphthalate	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
Chrysene	ND(0.39)	0.45	0.52 [0.48]	NA	ND(0.96)	ND(1.0)	ND(0.38)
Dialiate	ND(0.78)	ND(0.70)	ND(0.70) [ND(0.72)]	NA	ND(0.96)	ND(1.0)	ND(0.76)
Dibenzo(a,h)anthracene	ND(0.39)	ND(0.35)	0.17 J [0.13 J]	NA	ND(0.96)	ND(1.0)	ND(0.38)
Dibenzofuran	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
Diethylphthalate	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
Dimethylphthalate	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
Di-n-Butylphthalate	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
Di-n-Octylphthalate	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
Diphenylamine	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
Ethyl Methanesulfonate	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
Fluoranthene	ND(0.39)	0.52	0.38 [0.35 J]	NA	0.24 J	ND(1.0)	ND(0.38)

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-H28 6-10 08/09/02	RAA12-H30 0-1 09/09/02	RAA12-H30 6-10 09/09/02	RAA12-H30 8-10 09/09/02	RAA12-H32 0-1 08/30/02	RAA12-H32 1-3 08/30/02	RAA12-H32 6-10 08/30/02
Semivolatile Organics (continued)							
Fluorene	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
Hexachlorobenzene	ND(0.39)	ND(0.35) J	ND(0.35) J [ND(0.36) J]	NA	ND(0.96)	ND(1.0)	ND(0.38)
Hexachlorobutadiene	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
Hexachlorocyclopentadiene	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
Hexachloroethane	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
Hexachlorophene	ND(0.78) J	ND(0.70)	ND(0.70) [ND(0.72)]	NA	ND(1.9)	ND(2.0)	ND(0.76)
Hexachloropropene	ND(0.39)	ND(0.35) J	ND(0.35) J [ND(0.36) J]	NA	ND(0.96)	ND(1.0)	ND(0.38)
Indeno(1,2,3-cd)pyrene	ND(0.39)	0.17 J	0.40 [0.25 J]	NA	ND(0.96)	ND(1.0)	ND(0.38)
Isodrin	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
Isophorone	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
Isosafrole	ND(0.78)	ND(0.70)	ND(0.70) [ND(0.72)]	NA	ND(0.96)	ND(1.0)	ND(0.76)
Methapyrilene	ND(0.78)	ND(0.70) J	ND(0.70) J [ND(0.72) J]	NA	ND(0.96)	ND(1.0)	ND(0.76)
Methyl Methanesulfonate	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96) J	ND(1.0) J	ND(0.38) J
Naphthalene	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
Nitrobenzene	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
N-Nitrosodiethylamine	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
N-Nitrosodimethylamine	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
N-Nitroso-di-n-butylamine	ND(0.78)	ND(0.70)	ND(0.70) [ND(0.72)]	NA	ND(0.96)	ND(1.0)	ND(0.76)
N-Nitroso-di-n-propylamine	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
N-Nitrosodiphenylamine	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
N-Nitrosomethylethylamine	ND(0.78)	ND(0.70)	ND(0.70) [ND(0.72)]	NA	ND(0.96)	ND(1.0)	ND(0.76)
N-Nitrosomorpholine	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
N-Nitrosopiperidine	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
N-Nitrosopyrrolidine	ND(0.78)	ND(0.70)	ND(0.70) [ND(0.72)]	NA	ND(0.96)	ND(1.0)	ND(0.76)
o,o,o-Triethylphosphorothioate	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
o-Toluidine	ND(0.39)	ND(0.35) J	ND(0.35) J [ND(0.36) J]	NA	ND(0.96)	ND(1.0)	ND(0.38)
p-Dimethylaminoazobenzene	ND(0.78)	ND(0.70)	ND(0.70) [ND(0.72)]	NA	ND(0.96)	ND(1.0)	ND(0.76)
Pentachlorobenzene	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
Pentachloroethane	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
Pentachloronitrobenzene	ND(0.78) J	ND(0.70)	ND(0.70) [ND(0.72)]	NA	ND(0.96)	ND(1.0)	ND(0.76)
Pentachlorophenol	ND(2.0)	ND(1.8)	ND(1.8) [ND(1.8)]	NA	ND(4.8)	ND(5.1)	ND(1.9)
Phenacetin	ND(0.78)	ND(0.70)	ND(0.70) [ND(0.72)]	NA	ND(0.96)	ND(1.0)	ND(0.76)
Phenanthrene	ND(0.39)	0.20 J	0.14 J [0.092 J]	NA	ND(0.96)	ND(1.0)	ND(0.38)
Phenol	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
Pronamide	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
Pyrene	ND(0.39)	0.49	0.28 J [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
Pyridine	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
Safrole	ND(0.39)	ND(0.35)	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)
Thionazin	ND(0.39)	ND(0.35) J	ND(0.35) J [ND(0.36) J]	NA	ND(0.96)	ND(1.0)	ND(0.38)
Organochlorine Pesticides							
4,4'-DDD	NA	ND(0.10)	ND(0.016) [ND(0.016)]	NA	NA	ND(0.016)	NA
4,4'-DDE	NA	ND(0.10)	ND(0.016) [ND(0.016)]	NA	NA	ND(0.016)	NA
4,4'-DDT	NA	ND(0.10)	ND(0.016) [ND(0.016)]	NA	NA	ND(0.016)	NA
Aldrin	NA	ND(0.052)	ND(0.0080) [ND(0.0080)]	NA	NA	ND(0.0080)	NA
Alpha-BHC	NA	ND(0.052)	ND(0.0080) [ND(0.0080)]	NA	NA	ND(0.0080)	NA
Alpha-Chlordane	NA	ND(0.052)	ND(0.0080) [ND(0.0080)]	NA	NA	ND(0.0080)	NA
Beta-BHC	NA	ND(0.052)	ND(0.0080) [ND(0.0080)]	NA	NA	ND(0.0080)	NA
Delta-BHC	NA	ND(0.052)	ND(0.0080) [ND(0.0080)]	NA	NA	ND(0.0080)	NA
Dieldrin	NA	ND(0.10)	ND(0.016) [ND(0.016)]	NA	NA	ND(0.016)	NA
Endosulfan I	NA	ND(0.10)	ND(0.016) [ND(0.016)]	NA	NA	ND(0.016)	NA
Endosulfan II	NA	ND(0.10)	ND(0.016) [ND(0.016)]	NA	NA	ND(0.016)	NA
Endosulfan Sulfate	NA	ND(0.10)	ND(0.016) [ND(0.016)]	NA	NA	ND(0.016)	NA
Endrin	NA	ND(0.10)	ND(0.016) [ND(0.016)]	NA	NA	ND(0.016)	NA
Endrin Aldehyde	NA	ND(0.10)	ND(0.016) [ND(0.016)]	NA	NA	ND(0.016)	NA
Endrin Ketone	NA	ND(0.10)	ND(0.016) [ND(0.016)]	NA	NA	ND(0.016)	NA
Gamma-BHC (Lindane)	NA	ND(0.052)	ND(0.0080) [ND(0.0080)]	NA	NA	ND(0.0080)	NA
Gamma-Chlordane	NA	ND(0.052)	ND(0.0080) [ND(0.0080)]	NA	NA	ND(0.0080)	NA
Heptachlor	NA	ND(0.052)	ND(0.0080) [ND(0.0080)]	NA	NA	ND(0.0080)	NA
Heptachlor Epoxide	NA	ND(0.052)	ND(0.0080) [ND(0.0080)]	NA	NA	ND(0.0080)	NA
Kepone	NA	ND(0.35)	ND(0.35) [ND(0.36)]	NA	NA	ND(1.0)	NA
Methoxychlor	NA	ND(0.52)	ND(0.080) [ND(0.080)]	NA	NA	ND(0.080)	NA
Technical Chlordane	NA	ND(0.87)	ND(0.087) [ND(0.089)]	NA	NA	ND(0.098)	NA
Toxaphene	NA	ND(0.87)	ND(0.17) [ND(0.17)]	NA	NA	ND(0.19)	NA

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-H28 6-10 08/09/02	RAA12-H30 0-1 09/09/02	RAA12-H30 6-10 09/09/02	RAA12-H30 8-10 09/09/02	RAA12-H32 0-1 08/30/02	RAA12-H32 1-3 08/30/02	RAA12-H32 6-10 08/30/02
Organophosphate Pesticides							
Dimethoate	NA	ND(1.8)	ND(1.8) [ND(1.8)]	NA	NA	ND(2.0)	NA
Disulfoton	NA	ND(0.70)	ND(0.70) [ND(0.72)]	NA	NA	ND(1.0)	NA
Ethyl Parathion	NA	ND(0.70)	ND(0.70) [ND(0.72)]	NA	NA	ND(1.0)	NA
Famphur	NA	ND(0.35)	ND(0.35) [ND(0.36)]	NA	NA	ND(1.0)	NA
Methyl Parathion	NA	ND(0.70)	ND(0.70) [ND(0.72)]	NA	NA	ND(1.0)	NA
Phorate	NA	ND(0.70)	ND(0.70) [ND(0.72)]	NA	NA	ND(1.0)	NA
Sulfotep	NA	ND(0.70)	ND(0.70) [ND(0.72)]	NA	NA	ND(1.0)	NA
Herbicides							
2,4,5-T	NA	ND(0.33)	ND(0.34) [ND(0.34)]	NA	NA	ND(0.37)	NA
2,4,5-TP	NA	ND(0.33) J	ND(0.34) [ND(0.34)]	NA	NA	ND(0.37)	NA
2,4-D	NA	ND(0.80)	ND(0.80) [ND(0.80)]	NA	NA	ND(0.80)	NA
Dinoseb	NA	ND(0.35)	ND(0.35) [ND(0.36)]	NA	NA	ND(1.0)	NA
Furans							
2,3,7,8-TCDF	ND(0.00000025)	0.000017 Y	0.00000050 J	NA	0.000056 Y	0.0000092 Y	ND(0.00000028)
TCDFs (total)	ND(0.00000024)	0.00016	0.0000052	NA	0.00045	0.000091	ND(0.00000028)
1,2,3,7,8-PeCDF	0.00000011 J	0.000012	0.00000036 J	NA	0.000024	0.0000047 J	ND(0.00000015) X
2,3,4,7,8-PeCDF	ND(0.00000015) X	0.000017	0.00000066 J	NA	0.000067	0.0000055	ND(0.00000017) X
PeCDFs (total)	0.00000024	0.00020 Q	0.0000052	NA	0.00089 Q	0.000061	ND(0.00000055)
1,2,3,4,7,8-HxCDF	0.00000019 J	0.000014	0.00000044 J	NA	0.000037	0.0000064	ND(0.00000055)
1,2,3,6,7,8-HxCDF	0.00000015 J	0.0000094	0.00000043 J	NA	0.000028	0.0000037 J	ND(0.00000055)
1,2,3,7,8,9-HxCDF	ND(0.00000033)	0.0000024 J	ND(0.00000028)	NA	0.0000099	0.00000099 J	ND(0.00000055)
2,3,4,6,7,8-HxCDF	ND(0.00000033)	0.000017	0.00000047 J	NA	0.000080	0.0000029 J	ND(0.00000055)
HxCDFs (total)	0.0000010	0.00022	0.0000034	NA	0.0011	0.000042	ND(0.00000055)
1,2,3,4,6,7,8-HpCDF	0.00000078 J	0.000025	0.0000012 J	NA	0.000096	0.000010	0.00000055 J
1,2,3,4,7,8,9-HpCDF	ND(0.00000033)	0.0000039	0.00000013 J	NA	0.000012	0.0000014 J	ND(0.00000055)
HpCDFs (total)	0.0000026	0.000057	0.0000013	NA	0.00023	0.000017	0.00000055
OCDF	0.0000031 J	0.000025	0.00000082 J	NA	0.000072	0.000013	ND(0.0000011)
Dioxins							
2,3,7,8-TCDD	ND(0.00000030)	0.00000034 J	ND(0.00000024) X	NA	ND(0.00000071) X	ND(0.00000051) X	ND(0.00000044)
TCDDs (total)	ND(0.00000034)	0.0000046	0.0000019	NA	0.0000069	0.000010	ND(0.00000057)
1,2,3,7,8-PeCDD	ND(0 00000012) X	ND(0.00000084) X	0.00000034 J	NA	ND(0 0000030) X	0.00000077 J	ND(0.00000055)
PeCDDs (total)	0.00000077	0.0000069 Q	0.0000031	NA	0.000018 Q	0.000012	0.00000070
1,2,3,4,7,8-HxCDD	0.00000018 J	0.00000080 J	0.00000048 J	NA	0.0000023 J	ND(0.00000065) X	ND(0.0000010)
1,2,3,6,7,8-HxCDD	0.00000029 J	0.0000013 J	0.00000054 J	NA	0.0000036 J	ND(0.0000011) X	ND(0.00000084)
1,2,3,7,8,9-HxCDD	0.00000021 J	0.0000012 J	0.00000074 J	NA	0.0000030 J	ND(0.00000077) X	ND(0.00000085)
HxCDDs (total)	0.0000017	0.000019	0.000011	NA	0.000046	0.000013	0.0000014
1,2,3,4,6,7,8-HpCDD	0.0000048	0.000018	0.0000089	NA	0.000038	0.0000069	0.0000029 J
HpCDDs (total)	0.0000094	0.000048	0.000020	NA	0.000077	0.000015	0.0000065
OCDD	0.00014	0.00022	0.00041	NA	0.00036	0.00011	0.000055 J
Total TEQs (WHO TEFs)	0.00000047	0.000017	0.0000013	NA	0.000060	0.0000067	0.00000084
Inorganics							
Antimony	2.50 J	1.10 B	2.40 B	NA	2.10 B	1.80 B	1.50 B
Arsenic	3.10	6.10	15.0	NA	6.70	12.0	13.0
Barium	45.0	67.0	32.0	NA	78.0	40.0	25.0
Beryllium	0.260 B	0.370 J	0.170 J	NA	0.270 B	0.290 B	0.310 B
Cadmium	0.750	1.50 J	2.30	NA	5.00	1.50	0.480 B
Chromium	13.0	14.0	20.0	NA	19.0	13.0	12.0
Cobalt	2.30 B	3.90 B	7.30	NA	5.60	5.20	8.50
Copper	54.0	270	160	NA	200	150	44.0
Cyanide	0.0790 B	0.0990 B	0.120	NA	ND(0.250)	0.200	0.120
Lead	120	160	50.0	NA	420	150	11.0
Mercury	0.150	0.420	0.0380 B	NA	0.260	0.150	ND(0.110)
Nickel	11.0	22.0	17.0	NA	21.0	15.0	42.0
Selenium	ND(1.00)	ND(1.00) J	1.40 J	NA	ND(1.00)	ND(1.00)	0.690 B
Silver	ND(1.00)	ND(1.00)	ND(1.00)	NA	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide	260	58.0	140	NA	130	140	150
Thallium	ND(1.70)	ND(1.00) J	ND(1.00) J	NA	ND(1.20)	ND(1.20)	ND(1 10)
Tin	8.60 B	17.0	ND(10.0)	NA	ND(14.0)	ND(13.0)	ND(10.0)
Vanadium	12.0	14.0	25.0	NA	19.0	15.0	16.0
Zinc	38.0	290	23.0	NA	340	220	24.0

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

Sample ID:	RAA12-H32	RAA12-H32	RAA12-H32	RAA12-I31	RAA12-I32	RAA12-I34	RAA12-J12	RAA12-J14
Sample Depth(Feet):	8-10	10-12	10-15	0-1	3-6	0-1	0-1	0-1
Parameter Date Collected:	08/30/02	08/30/02	08/30/02	03/25/03	08/30/02	08/27/02	12/04/02	12/04/02
Volatile Organics								
1,1,1,2-Tetrachloroethane	ND(0.0057)	ND(0.0068)	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
1,1,1-Trichloroethane	ND(0.0057)	ND(0.0068)	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
1,1,2,2-Tetrachloroethane	ND(0.0057)	ND(0.0068)	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
1,1,2-Trichloroethane	ND(0.0057)	ND(0.0068)	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
1,1-Dichloroethane	ND(0.0057)	ND(0.0068)	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
1,1-Dichloroethene	ND(0.0057)	ND(0.0068)	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
1,2,3-Trichloropropane	ND(0.0057)	ND(0.0068)	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
1,2-Dibromo-3-chloropropane	ND(0.0057)	ND(0.0068)	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
1,2-Dibromoethane	ND(0.0057)	ND(0.0068)	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
1,2-Dichloroethane	ND(0.0057)	ND(0.0068)	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
1,2-Dichloropropane	ND(0.0057)	ND(0.0068)	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
1,4-Dioxane	ND(0.11) J	ND(0.14) J	NA	ND(0.12) J	ND(0.12) J	ND(0.10) J	ND(0.11)	ND(0.10)
2-Butanone	ND(0.011)	ND(0.014)	NA	ND(0.012)	ND(0.012)	ND(0.010)	ND(0.011)	ND(0.010)
2-Chloro-1,3-butadiene	ND(0.0057)	ND(0.0068)	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
2-Chloroethylvinylether	ND(0.0057) J	ND(0.0068) J	NA	ND(0.0058)	ND(0.0058) J	ND(0.0053) J	ND(0.0056)	ND(0.0053)
2-Hexanone	ND(0.011)	ND(0.014)	NA	ND(0.012)	ND(0.012)	ND(0.010)	ND(0.011)	ND(0.010)
3-Chloropropene	ND(0.0057)	ND(0.0068)	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
4-Methyl-2-pentanone	ND(0.011)	ND(0.014)	NA	ND(0.012)	ND(0.012)	ND(0.010)	ND(0.011)	ND(0.010)
Acetone	ND(0.023)	ND(0.027)	NA	ND(0.023)	ND(0.023)	ND(0.021)	ND(0.022)	ND(0.021)
Acetonitrile	ND(0.11)	ND(0.14)	NA	ND(0.12) J	ND(0.12)	ND(0.10)	ND(0.11)	ND(0.10)
Acrolein	ND(0.11) J	ND(0.14) J	NA	ND(0.12) J	ND(0.12) J	ND(0.10) J	ND(0.11) J	ND(0.10) J
Acrylonitrile	ND(0.0057)	ND(0.0068)	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	ND(0.0056) J	ND(0.0053) J
Benzene	ND(0.0057)	ND(0.0068)	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
Bromodichloromethane	ND(0.0057)	ND(0.0068)	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
Bromoform	ND(0.0057)	ND(0.0068)	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
Bromomethane	ND(0.0057) J	ND(0.0068)	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
Carbon Disulfide	ND(0.0057)	ND(0.0068)	NA	ND(0.0058) J	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
Carbon Tetrachloride	ND(0.0057)	ND(0.0068)	NA	ND(0.0058) J	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
Chlorobenzene	ND(0.0057)	ND(0.0068)	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
Chloroethane	ND(0.0057)	ND(0.0068)	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
Chloroform	ND(0.0057)	ND(0.0068)	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
Chloromethane	ND(0.0057)	ND(0.0068)	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
cis-1,3-Dichloropropene	ND(0.0057)	ND(0.0068)	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
Dibromochloromethane	ND(0.0057)	ND(0.0068)	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
Dibromomethane	ND(0.0057)	ND(0.0068)	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
Dichlorodifluoromethane	ND(0.0057)	ND(0.0068)	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
Ethyl Methacrylate	ND(0.0057)	ND(0.0068)	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
Ethylbenzene	ND(0.0057)	ND(0.0068)	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
Iodomethane	ND(0.0057)	ND(0.0068)	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
Isobutanol	ND(0.11)	ND(0.14)	NA	ND(0.12) J	ND(0.12)	ND(0.10)	ND(0.11)	ND(0.10)
Methacrylonitrile	ND(0.0057)	ND(0.0068)	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
Methyl Methacrylate	ND(0.0057)	ND(0.0068)	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
Methylene Chloride	ND(0.0057)	ND(0.0068)	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
Propionitrile	ND(0.011)	ND(0.014)	NA	ND(0.012)	ND(0.012)	ND(0.010)	ND(0.011)	ND(0.010)
Styrene	ND(0.0057)	ND(0.0068)	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
Tetrachloroethene	ND(0.0057)	ND(0.0068)	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
Toluene	ND(0.0057)	ND(0.0068)	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	0.020	ND(0.0053)
trans-1,2-Dichloroethene	ND(0.0057)	ND(0.0068)	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
trans-1,3-Dichloropropene	ND(0.0057)	ND(0.0068)	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
trans-1,4-Dichloro-2-butene	ND(0.0057)	ND(0.0068)	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
Trichloroethene	ND(0.0057)	0.019	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
Trichlorofluoromethane	ND(0.0057) J	ND(0.0068) J	NA	ND(0.0058)	ND(0.0058) J	ND(0.0053) J	ND(0.0056)	ND(0.0053)
Vinyl Acetate	ND(0.0057)	ND(0.0068)	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
Vinyl Chloride	ND(0.0057)	ND(0.0068)	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
Xylenes (total)	ND(0.0057)	ND(0.0068)	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
Semivolatile Organics								
1,2,4,5-Tetrachlorobenzene	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
1,2,4-Trichlorobenzene	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
1,2-Dichlorobenzene	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
1,2-Diphenylhydrazine	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
1,3,5-Trinitrobenzene	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
1,3-Dichlorobenzene	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
1,3-Dinitrobenzene	NA	NA	ND(0.91)	ND(0.78)	ND(0.78)	ND(0.71)	ND(1.3)	ND(0.70)
1,4-Dichlorobenzene	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
1,4-Naphthoquinone	NA	NA	ND(0.91)	ND(0.78)	ND(0.78)	ND(0.71)	ND(1.3)	ND(0.70)
1-Naphthylamine	NA	NA	ND(0.91)	ND(0.78)	ND(0.78)	ND(0.71)	ND(1.3)	ND(0.70)
2,3,4,6-Tetrachlorophenol	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)

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

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

Sample ID:	RAA12-H32	RAA12-H32	RAA12-H32	RAA12-I31	RAA12-I32	RAA12-I34	RAA12-J12	RAA12-J14
Sample Depth(Feet):	8-10	10-12	10-15	0-1	3-6	0-1	0-1	0-1
Parameter Date Collected:	08/30/02	08/30/02	08/30/02	03/25/03	08/30/02	08/27/02	12/04/02	12/04/02
Semivolatile Organics (continued)								
2,4,5-Trichlorophenol	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
2,4,6-Trichlorophenol	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
2,4-Dichlorophenol	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
2,4-Dimethylphenol	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
2,4-Dinitrophenol	NA	NA	ND(2.5)	ND(2.0)	ND(2.0)	ND(1.8)	ND(6.6) J	ND(1.8) J
2,4-Dinitrotoluene	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
2,6-Dichlorophenol	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
2,6-Dinitrotoluene	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
2-Acetylaminofluorene	NA	NA	ND(0.91) J	ND(0.78)	ND(0.78) J	ND(0.71)	ND(1.3)	ND(0.70)
2-Chloronaphthalene	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
2-Chlorophenol	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
2-Methylnaphthalene	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
2-Methylphenol	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
2-Naphthylamine	NA	NA	ND(0.91)	ND(0.78)	ND(0.78)	ND(0.71)	ND(1.3)	ND(0.70)
2-Nitroaniline	NA	NA	ND(2.5)	ND(2.0) J	ND(2.0)	ND(1.8)	ND(6.6)	ND(1.8)
2-Nitrophenol	NA	NA	ND(0.91)	ND(0.78)	ND(0.78)	ND(0.71)	ND(1.3)	ND(0.70)
2-Picoline	NA	NA	ND(0.50) J	ND(0.39)	ND(0.39) J	ND(0.35)	ND(1.3)	ND(0.35)
3&4-Methylphenol	NA	NA	ND(0.91)	ND(0.78)	ND(0.78)	ND(0.71)	ND(1.3)	ND(0.70)
3,3'-Dichlorobenzidine	NA	NA	ND(0.99)	ND(0.78)	ND(0.78)	ND(0.71)	ND(2.6)	ND(0.70)
3,3'-Dimethylbenzidine	NA	NA	ND(0.50) J	ND(0.39)	ND(0.39) J	ND(0.35)	ND(1.3)	ND(0.35)
3-Methylcholanthrene	NA	NA	ND(0.91)	ND(0.78)	ND(0.78)	ND(0.71)	ND(1.3)	ND(0.70)
3-Nitroaniline	NA	NA	ND(2.5) J	ND(2.0)	ND(2.0) J	ND(1.8)	ND(6.6)	ND(1.8)
4,6-Dinitro-2-methylphenol	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
4-Aminobiphenyl	NA	NA	ND(0.91) J	ND(0.78)	ND(0.78) J	ND(0.71) J	ND(1.3)	ND(0.70)
4-Bromophenyl-phenylether	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35) J	ND(1.3)	ND(0.35)
4-Chloro-3-Methylphenol	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
4-Chloroaniline	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
4-Chlorobenzilate	NA	NA	ND(0.91)	ND(0.78)	ND(0.78)	ND(0.71)	ND(1.3)	ND(0.70)
4-Chlorophenyl-phenylether	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
4-Nitroaniline	NA	NA	ND(2.3)	ND(2.0)	ND(2.0)	ND(1.8)	ND(1.9)	ND(1.8)
4-Nitrophenol	NA	NA	ND(2.5)	ND(2.0)	ND(2.0)	ND(1.8)	ND(6.6) J	ND(1.8) J
4-Nitroquinoline-1-oxide	NA	NA	ND(0.91)	ND(0.78) J	ND(0.78)	ND(0.71) J	ND(1.3)	ND(0.70)
4-Phenylenediamine	NA	NA	ND(0.91) J	ND(0.78)	ND(0.78) J	ND(0.71) J	ND(1.3) J	ND(0.70) J
5-Nitro-o-toluidine	NA	NA	ND(0.91)	ND(0.78)	ND(0.78)	ND(0.71)	ND(1.3)	ND(0.70)
7,12-Dimethylbenz(a)anthracene	NA	NA	ND(0.91)	ND(0.78)	ND(0.78)	ND(0.71)	ND(1.3)	ND(0.70)
a,a'-Dimethylphenethylamine	NA	NA	ND(0.91)	ND(0.78) J	ND(0.78)	ND(0.71)	ND(1.3)	ND(0.70)
Acenaphthene	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
Acenaphthylene	NA	NA	ND(0.50)	0.11 J	ND(0.39)	0.20 J	ND(1.3)	ND(0.35)
Acetophenone	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
Aniline	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
Anthracene	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	0.15 J	ND(1.3)	ND(0.35)
Aramite	NA	NA	ND(0.91) J	ND(0.78)	ND(0.78) J	ND(0.71) J	ND(1.3) J	ND(0.70) J
Benzidine	NA	NA	ND(0.99)	ND(0.78)	ND(0.78)	ND(0.71)	ND(2.6) J	ND(0.70) J
Benzo(a)anthracene	NA	NA	ND(0.50)	0.31 J	ND(0.39)	0.65	ND(1.3)	0.14 J
Benzo(a)pyrene	NA	NA	ND(0.50)	0.42	ND(0.39)	0.77	ND(1.3)	0.14 J
Benzo(b)fluoranthene	NA	NA	ND(0.50)	0.28 J	ND(0.39)	0.32 J	ND(1.3)	ND(0.35)
Benzo(g,h,i)perylene	NA	NA	ND(0.50)	0.33 J	ND(0.39)	0.55	ND(1.3)	ND(0.35)
Benzo(k)fluoranthene	NA	NA	ND(0.50)	0.32 J	ND(0.39)	0.44	ND(1.3)	ND(0.35)
Benzyl Alcohol	NA	NA	ND(0.99)	ND(0.78)	ND(0.78)	ND(0.71)	ND(2.6)	ND(0.70)
bis(2-Chloroethoxy)methane	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
bis(2-Chloroethyl)ether	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
bis(2-Chloroisopropyl)ether	NA	NA	ND(0.50)	ND(0.39) J	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
bis(2-Ethylhexyl)phthalate	NA	NA	ND(0.45)	ND(0.38)	ND(0.39)	ND(0.35)	0.77	ND(0.35)
Butylbenzylphthalate	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
Chrysene	NA	NA	0.12 J	0.34 J	ND(0.39)	0.80	ND(1.3)	0.10 J
Dialiate	NA	NA	ND(0.91)	ND(0.78) J	ND(0.78)	ND(0.71) J	ND(1.3) J	ND(0.70) J
Dibenzo(a,h)anthracene	NA	NA	ND(0.50)	0.099 J	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
Dibenzofuran	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
Diethylphthalate	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
Dimethylphthalate	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
Di-n-Butylphthalate	NA	NA	ND(0.50)	0.28 J	ND(0.39)	0.13 J	0.75 J	ND(0.35)
Di-n-Octylphthalate	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
Diphenylamine	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
Ethyl Methanesulfonate	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
Fluoranthene	NA	NA	ND(0.50)	0.57	ND(0.39)	0.70 J	ND(1.3)	0.13 J

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

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

Sample ID:	RAA12-H32	RAA12-H32	RAA12-H32	RAA12-I31	RAA12-I32	RAA12-I34	RAA12-J12	RAA12-J14
Sample Depth(Feet):	8-10	10-12	10-15	0-1	3-6	0-1	0-1	0-1
Parameter Date Collected:	08/30/02	08/30/02	08/30/02	03/25/03	08/30/02	08/27/02	12/04/02	12/04/02
Semivolatile Organics (continued)								
Fluorene	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
Hexachlorobenzene	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
Hexachlorobutadiene	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
Hexachlorocyclopentadiene	NA	NA	ND(0.50)	ND(0.39) J	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
Hexachloroethane	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
Hexachlorophene	NA	NA	ND(0.99)	ND(0.78) J	ND(0.78)	ND(0.71)	ND(2.6) J	ND(0.70) J
Hexachloropropene	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35) J	ND(1.3)	ND(0.35)
Indeno(1,2,3-cd)pyrene	NA	NA	ND(0.50)	0.23 J	ND(0.39)	0.47	ND(1.3)	0.097 J
Isodrin	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
Isophorone	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
Isosafrole	NA	NA	ND(0.91)	ND(0.78)	ND(0.78)	ND(0.71)	ND(1.3)	ND(0.70)
Methapyrilene	NA	NA	ND(0.91)	ND(0.78)	ND(0.78)	ND(0.71) J	ND(1.3)	ND(0.70)
Methyl Methanesulfonate	NA	NA	ND(0.50) J	ND(0.39)	ND(0.39) J	ND(0.35)	ND(1.3)	ND(0.35)
Naphthalene	NA	NA	ND(0.50)	0.21 J	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
Nitrobenzene	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
N-Nitrosodiethylamine	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
N-Nitrosodimethylamine	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
N-Nitroso-di-n-butylamine	NA	NA	ND(0.91)	ND(0.78)	ND(0.78)	ND(0.71)	ND(1.3)	ND(0.70)
N-Nitroso-di-n-propylamine	NA	NA	ND(0.50)	ND(0.39) J	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
N-Nitrosodiphenylamine	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
N-Nitrosomethylethylamine	NA	NA	ND(0.91)	ND(0.78)	ND(0.78)	ND(0.71)	ND(1.3)	ND(0.70)
N-Nitrosomorpholine	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
N-Nitrosopiperidine	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
N-Nitrosopyrrolidine	NA	NA	ND(0.91)	ND(0.78)	ND(0.78)	ND(0.71)	ND(1.3)	ND(0.70)
o,o,o-Triethylphosphorothioate	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
o-Toluidine	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35) J	ND(1.3)	ND(0.35)
p-Dimethylaminoazobenzene	NA	NA	ND(0.91)	ND(0.78)	ND(0.78)	ND(0.71)	ND(1.3)	ND(0.70)
Pentachlorobenzene	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
Pentachloroethane	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
Pentachloronitrobenzene	NA	NA	ND(0.91)	ND(0.78)	ND(0.78)	ND(0.71) J	ND(1.3)	ND(0.70)
Pentachlorophenol	NA	NA	ND(2.5)	ND(2.0)	ND(2.0)	ND(1.8)	ND(6.6)	ND(1.8)
Phenacetin	NA	NA	ND(0.91)	ND(0.78)	ND(0.78)	ND(0.71)	ND(1.3)	ND(0.70)
Phenanthrene	NA	NA	ND(0.50)	0.26 J	ND(0.39)	0.38	ND(1.3)	ND(0.35)
Phenol	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
Pronamide	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
Pyrene	NA	NA	ND(0.50)	0.50	ND(0.39)	1.2	ND(1.3)	0.17 J
Pyridine	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
Safrole	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
Thionazin	NA	NA	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
Organochlorine Pesticides								
4,4'-DDD	NA	NA	ND(0.016)	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	ND(0.016)	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	ND(0.016)	NA	NA	NA	NA	NA
Aldrin	NA	NA	ND(0.0080)	NA	NA	NA	NA	NA
Alpha-BHC	NA	NA	ND(0.0080)	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	ND(0.0080)	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	ND(0.0080)	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	ND(0.0080)	NA	NA	NA	NA	NA
Dieldrin	NA	NA	ND(0.016)	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	ND(0.016)	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	ND(0.016)	NA	NA	NA	NA	NA
Endosulfan Sulfate	NA	NA	ND(0.016)	NA	NA	NA	NA	NA
Endrin	NA	NA	ND(0.016)	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	ND(0.016)	NA	NA	NA	NA	NA
Endrin Ketone	NA	NA	ND(0.016)	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	ND(0.0080)	NA	NA	NA	NA	NA
Gamma-Chlordane	NA	NA	ND(0.0080)	NA	NA	NA	NA	NA
Heptachlor	NA	NA	ND(0.0080)	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	ND(0.0080)	NA	NA	NA	NA	NA
Kepone	NA	NA	ND(0.50)	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	ND(0.080)	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	ND(0.11)	NA	NA	NA	NA	NA
Toxaphene	NA	NA	ND(0.22)	NA	NA	NA	NA	NA

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

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

Sample ID:	RAA12-H32	RAA12-H32	RAA12-H32	RAA12-I31	RAA12-I32	RAA12-I34	RAA12-J12	RAA12-J14
Sample Depth(Feet):	8-10	10-12	10-15	0-1	3-6	0-1	0-1	0-1
Parameter Date Collected:	08/30/02	08/30/02	08/30/02	03/25/03	08/30/02	08/27/02	12/04/02	12/04/02
Organophosphate Pesticides								
Dimethoate	NA	NA	ND(2.3)	NA	NA	NA	NA	NA
Disulfoton	NA	NA	ND(0.91)	NA	NA	NA	NA	NA
Ethyl Parathion	NA	NA	ND(0.91)	NA	NA	NA	NA	NA
Famphur	NA	NA	ND(0.50)	NA	NA	NA	NA	NA
Methyl Parathion	NA	NA	ND(0.91)	NA	NA	NA	NA	NA
Phorate	NA	NA	ND(0.91)	NA	NA	NA	NA	NA
Sulfotep	NA	NA	ND(0.91)	NA	NA	NA	NA	NA
Herbicides								
2,4,5-T	NA	NA	ND(0.43)	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	ND(0.43)	NA	NA	NA	NA	NA
2,4-D	NA	NA	ND(0.80)	NA	NA	NA	NA	NA
Dinoseb	NA	NA	ND(0.50)	NA	NA	NA	NA	NA
Furans								
2,3,7,8-TCDF	NA	NA	0.00000074 J	0.00012 YJ	ND(0.00000034) X	0.00042 Y	0.0000031 J	0.0000023 J
TCDFs (total)	NA	NA	0.00000074	0.0027	0.00000024	0.035	0.000027	0.000019
1,2,3,7,8-PeCDF	NA	NA	0.00000023 J	0.00074 J	ND(0.00000026) X	0.00034	0.0000012 J	0.0000019 J
2,3,4,7,8-PeCDF	NA	NA	0.00000025 J	0.00013 J	ND(0.00000036) X	0.0074 I	0.0000042 J	0.0000049 J
PeCDFs (total)	NA	NA	0.00000048	0.0028 Q	0.00000098	0.029	0.000044	0.000046
1,2,3,4,7,8-HxCDF	NA	NA	ND(0.00000015) X	0.000075 J	0.00000018 J	0.00034	0.0000016 J	0.0000022 J
1,2,3,6,7,8-HxCDF	NA	NA	ND(0.00000019) X	0.000062	ND(0.00000022) X	0.00077	ND(0.0000017)	ND(0.0000026)
1,2,3,7,8,9-HxCDF	NA	NA	ND(0.00000068)	0.000010 J	ND(0.00000062)	0.00019	ND(0.0000020)	0.0000017 J
2,3,4,6,7,8-HxCDF	NA	NA	ND(0.00000068)	0.00018	0.00000014 J	0.0018	0.0000027 J	ND(0.0000033) X
HxCDFs (total)	NA	NA	ND(0.00000068)	0.0030	0.0000018	0.020	0.000031	0.000032
1,2,3,4,6,7,8-HpCDF	NA	NA	0.00000040 J	0.00022 J	0.00000064 J	0.0012	ND(0.0000033)	0.0000038 J
1,2,3,4,7,8,9-HpCDF	NA	NA	ND(0.00000068)	0.000029	ND(0.00000062)	0.00013	ND(0.0000020)	0.00000086 J
HpCDFs (total)	NA	NA	0.00000040	0.00053	0.00000064	0.0028	ND(0.0000068)	0.0000079
OCDF	NA	NA	ND(0.0000014)	0.00017	ND(0.0000012)	0.00044	0.0000040 J	0.0000045 J
Dioxins								
2,3,7,8-TCDD	NA	NA	ND(0.00000053)	0.0000012 J	ND(0.00000051) X	0.0000048	ND(0.00000079)	ND(0.0000010) X
TCDDs (total)	NA	NA	ND(0.00000092)	0.000040	0.0000032	0.00012	ND(0.0000024)	ND(0.0000030)
1,2,3,7,8-PeCDD	NA	NA	ND(0.00000068)	ND(0.0000044)	0.00000030 J	0.000032	ND(0.0000020)	0.0000015 J
PeCDDs (total)	NA	NA	ND(0.0000012)	0.000037 Q	0.0000069	0.00035	ND(0.0000034)	0.0000015
1,2,3,4,7,8-HxCDD	NA	NA	ND(0.00000077)	ND(0.0000073) J	ND(0.00000082)	0.000026	ND(0.0000020)	0.00000092 J
1,2,3,6,7,8-HxCDD	NA	NA	ND(0.00000068)	ND(0.0000097) X	0.00000061 J	0.000044	ND(0.0000020)	0.0000016 J
1,2,3,7,8,9-HxCDD	NA	NA	ND(0.00000068)	0.0000073 J	ND(0.00000074)	0.000029	ND(0.0000020)	0.0000018 J
HxCDDs (total)	NA	NA	ND(0.00000068)	0.000051	0.000010	0.00048	ND(0.0000042)	0.0000072
1,2,3,4,6,7,8-HpCDD	NA	NA	0.00000086 J	0.000074	0.0000022 J	0.00020	ND(0.0000053)	ND(0.0000045)
HpCDDs (total)	NA	NA	0.0000014	0.00015	0.0000047	0.00041	0.000012	ND(0.0000045)
OCDD	NA	NA	ND(0.0000065) J	0.00050	ND(0.0000049)	0.00078	ND(0.000041)	ND(0.000019)
Total TEQs (WHO TEFs)	NA	NA	0.0000010	0.00015	0.00000091	0.0041	0.0000048	0.0000060
Inorganics								
Antimony	NA	NA	1.50 B	ND(6.00)	1.10 B	2.80 B	ND(6.00)	ND(6.00)
Arsenic	NA	NA	10.0	6.00	3.60	6.00	4.10 J	3.40 J
Barium	NA	NA	42.0	33.0	57.0	46.0	23.0 J	18.0 J
Beryllium	NA	NA	0.390 B	0.170 B	0.300 B	0.230 B	ND(0.50)	ND(0.50)
Cadmium	NA	NA	0.360 B	1.40	0.460 B	2.00	0.610	0.370 B
Chromium	NA	NA	14.0	10.0	4.10	16.0	9.70 J	8.50 J
Cobalt	NA	NA	9.40	4.80 B	3.30 B	5.60	5.00	5.60
Copper	NA	NA	43.0	73.0	91.0	320	29.0	20.0
Cyanide	NA	NA	0.140	0.0780 J	ND(0.230)	0.180	ND(0.220)	0.0720 B
Lead	NA	NA	14.0	70.0	15.0	140	76.0 J	18.0 J
Mercury	NA	NA	0.0840 B	0.300	ND(0.120)	0.410	0.140	0.0430 B
Nickel	NA	NA	19.0	13.0	9.80	13.0	10.0	8.90
Selenium	NA	NA	0.810 B	0.950 J	ND(1.00)	0.640 B	ND(1.00) J	ND(1.00) J
Silver	NA	NA	ND(1.00)	0.430 B	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide	NA	NA	360	20.0	51.0	88.0	27.0	31.0
Thallium	NA	NA	ND(1.40)	ND(1.70) J	ND(1.20)	ND(1.00)	ND(1.10) J	ND(1.00) J
Tin	NA	NA	ND(10.0)	24.0	ND(10.0)	28.0	ND(10.0)	ND(10.0)
Vanadium	NA	NA	17.0	12.0	7.80	11.0	9.80	10.0
Zinc	NA	NA	48.0	90.0	8.80 J	350	45.0 J	26.0 J

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

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

Sample ID:	RAA12-J14	RAA12-J14	RAA12-J14	RAA12-J16	RAA12-J17	RAA12-J22	RAA12-J22	RAA12-J22
Sample Depth(Feet):	1-3	6-8	6-10	0-1	0-1	3-5	3-6	6-8
Parameter Date Collected:	12/04/02	12/04/02	12/04/02	12/13/02	12/13/02	09/04/02	09/04/02	09/04/02
Volatile Organics								
1,1,1,2-Tetrachloroethane	ND(0.0058)	ND(0.0065)	NA	ND(0.0061)	ND(0.0063)	ND(0.0052)	NA	ND(0.0052)
1,1,1-Trichloroethane	ND(0.0058)	ND(0.0065)	NA	ND(0.0061)	ND(0.0063)	ND(0.0052)	NA	ND(0.0052)
1,1,2,2-Tetrachloroethane	ND(0.0058)	ND(0.0065)	NA	ND(0.0061)	ND(0.0063)	ND(0.0052)	NA	ND(0.0052)
1,1,2-Trichloroethane	ND(0.0058)	ND(0.0065)	NA	ND(0.0061)	ND(0.0063)	ND(0.0052)	NA	ND(0.0052)
1,1-Dichloroethane	ND(0.0058)	ND(0.0065)	NA	ND(0.0061)	ND(0.0063)	ND(0.0052)	NA	ND(0.0052)
1,1-Dichloroethene	ND(0.0058)	ND(0.0065)	NA	ND(0.0061)	ND(0.0063)	ND(0.0052)	NA	ND(0.0052)
1,2,3-Trichloropropane	ND(0.0058)	ND(0.0065)	NA	ND(0.0061)	ND(0.0063)	ND(0.0052)	NA	ND(0.0052)
1,2-Dibromo-3-chloropropane	ND(0.0058)	ND(0.0065)	NA	ND(0.0061)	ND(0.0063)	ND(0.0052)	NA	ND(0.0052)
1,2-Dibromoethane	ND(0.0058)	ND(0.0065)	NA	ND(0.0061)	ND(0.0063)	ND(0.0052)	NA	ND(0.0052)
1,2-Dichloroethane	ND(0.0058)	ND(0.0065)	NA	ND(0.0061)	ND(0.0063)	ND(0.0052)	NA	ND(0.0052)
1,2-Dichloropropane	ND(0.0058)	ND(0.0065)	NA	ND(0.0061)	ND(0.0063)	ND(0.0052)	NA	ND(0.0052)
1,4-Dioxane	ND(0.12)	ND(0.13)	NA	ND(0.12)	ND(0.13)	ND(0.10) J	NA	ND(0.10) J
2-Butanone	ND(0.012)	ND(0.013)	NA	ND(0.012)	ND(0.013)	ND(0.010)	NA	ND(0.010)
2-Chloro-1,3-butadiene	ND(0.0058)	ND(0.0065)	NA	ND(0.0061)	ND(0.0063)	ND(0.0052)	NA	ND(0.0052)
2-Chloroethylvinylether	ND(0.0058)	ND(0.0065)	NA	ND(0.0061) J	ND(0.0063) J	ND(0.0052) J	NA	ND(0.0052) J
2-Hexanone	ND(0.012)	ND(0.013)	NA	ND(0.012)	ND(0.013)	ND(0.010)	NA	ND(0.010)
3-Chloropropene	ND(0.0058)	ND(0.0065)	NA	ND(0.0061) J	ND(0.0063) J	ND(0.0052)	NA	ND(0.0052)
4-Methyl-2-pentanone	ND(0.012)	ND(0.013)	NA	ND(0.012)	ND(0.013)	ND(0.010)	NA	ND(0.010)
Acetone	ND(0.023)	ND(0.026)	NA	ND(0.024)	ND(0.025)	ND(0.021) J	NA	ND(0.021) J
Acetonitrile	ND(0.12)	ND(0.13)	NA	ND(0.12)	ND(0.13)	ND(0.10)	NA	ND(0.10)
Acrolein	ND(0.12) J	ND(0.13) J	NA	ND(0.12) J	ND(0.13) J	ND(0.10) J	NA	ND(0.10) J
Acrylonitrile	ND(0.0058) J	ND(0.0065) J	NA	ND(0.0061) J	ND(0.0063) J	ND(0.0052)	NA	ND(0.0052)
Benzene	ND(0.0058)	ND(0.0065)	NA	ND(0.0061)	ND(0.0063)	ND(0.0052)	NA	ND(0.0052)
Bromodichloromethane	ND(0.0058)	ND(0.0065)	NA	ND(0.0061)	ND(0.0063)	ND(0.0052)	NA	ND(0.0052)
Bromoform	ND(0.0058)	ND(0.0065)	NA	ND(0.0061)	ND(0.0063)	ND(0.0052)	NA	ND(0.0052)
Bromomethane	ND(0.0058)	ND(0.0065)	NA	ND(0.0061)	ND(0.0063)	ND(0.0052)	NA	ND(0.0052)
Carbon Disulfide	ND(0.0058)	ND(0.0065)	NA	ND(0.0061) J	ND(0.0063) J	ND(0.0052)	NA	ND(0.0052)
Carbon Tetrachloride	ND(0.0058)	ND(0.0065)	NA	ND(0.0061)	ND(0.0063)	ND(0.0052) J	NA	ND(0.0052) J
Chlorobenzene	ND(0.0058)	ND(0.0065)	NA	ND(0.0061)	ND(0.0063)	ND(0.0052)	NA	ND(0.0052)
Chloroethane	ND(0.0058)	ND(0.0065)	NA	ND(0.0061)	ND(0.0063)	ND(0.0052)	NA	ND(0.0052)
Chloroform	ND(0.0058)	ND(0.0065)	NA	ND(0.0061)	ND(0.0063)	ND(0.0052)	NA	ND(0.0052)
Chloromethane	ND(0.0058)	ND(0.0065)	NA	ND(0.0061)	ND(0.0063)	ND(0.0052)	NA	ND(0.0052)
cis-1,3-Dichloropropene	ND(0.0058)	ND(0.0065)	NA	ND(0.0061)	ND(0.0063)	ND(0.0052)	NA	ND(0.0052)
Dibromochloromethane	ND(0.0058)	ND(0.0065)	NA	ND(0.0061)	ND(0.0063)	ND(0.0052)	NA	ND(0.0052)
Dibromomethane	ND(0.0058)	ND(0.0065)	NA	ND(0.0061)	ND(0.0063)	ND(0.0052)	NA	ND(0.0052)
Dichlorodifluoromethane	ND(0.0058)	ND(0.0065)	NA	ND(0.0061)	ND(0.0063)	ND(0.0052) J	NA	ND(0.0052) J
Ethyl Methacrylate	ND(0.0058)	ND(0.0065)	NA	ND(0.0061)	ND(0.0063)	ND(0.0052)	NA	ND(0.0052)
Ethylbenzene	ND(0.0058)	ND(0.0065)	NA	ND(0.0061)	ND(0.0063)	ND(0.0052)	NA	ND(0.0052)
Iodomethane	ND(0.0058)	ND(0.0065)	NA	ND(0.0061)	ND(0.0063)	ND(0.0052)	NA	ND(0.0052)
Isobutanol	ND(0.12)	ND(0.13)	NA	ND(0.12)	ND(0.13)	ND(0.10)	NA	ND(0.10)
Methacrylonitrile	ND(0.0058)	ND(0.0065)	NA	ND(0.0061) J	ND(0.0063) J	ND(0.0052)	NA	ND(0.0052)
Methyl Methacrylate	ND(0.0058)	ND(0.0065)	NA	ND(0.0061) J	ND(0.0063) J	ND(0.0052)	NA	ND(0.0052)
Methylene Chloride	ND(0.0058)	ND(0.0065)	NA	ND(0.0061)	ND(0.0063)	ND(0.0052)	NA	ND(0.0052)
Propionitrile	ND(0.012)	ND(0.013)	NA	ND(0.012)	ND(0.013)	ND(0.010)	NA	ND(0.010)
Styrene	ND(0.0058)	ND(0.0065)	NA	ND(0.0061)	ND(0.0063)	ND(0.0052)	NA	ND(0.0052)
Tetrachloroethene	ND(0.0058)	ND(0.0065)	NA	0.0046 J	ND(0.0063)	ND(0.0052)	NA	ND(0.0052)
Toluene	ND(0.0058)	ND(0.0065)	NA	ND(0.0061)	ND(0.0063)	ND(0.0052)	NA	ND(0.0052)
trans-1,2-Dichloroethene	ND(0.0058)	ND(0.0065)	NA	ND(0.0061)	ND(0.0063)	ND(0.0052)	NA	ND(0.0052)
trans-1,3-Dichloropropene	ND(0.0058)	ND(0.0065)	NA	ND(0.0061)	ND(0.0063)	ND(0.0052)	NA	ND(0.0052)
trans-1,4-Dichloro-2-butene	ND(0.0058)	ND(0.0065)	NA	ND(0.0061)	ND(0.0063)	ND(0.0052)	NA	ND(0.0052)
Trichloroethene	ND(0.0058)	ND(0.0065)	NA	ND(0.0061)	ND(0.0063)	ND(0.0052)	NA	ND(0.0052)
Trichlorofluoromethane	ND(0.0058)	ND(0.0065)	NA	ND(0.0061)	ND(0.0063)	ND(0.0052) J	NA	ND(0.0052) J
Vinyl Acetate	ND(0.0058)	ND(0.0065)	NA	ND(0.0061)	ND(0.0063)	ND(0.0052)	NA	ND(0.0052)
Vinyl Chloride	ND(0.0058)	ND(0.0065)	NA	ND(0.0061)	ND(0.0063)	ND(0.0052)	NA	ND(0.0052)
Xylenes (total)	ND(0.0058)	ND(0.0065)	NA	ND(0.0061)	ND(0.0063)	ND(0.0052)	NA	ND(0.0052)
Semivolatile Organics								
1,2,4,5-Tetrachlorobenzene	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
1,2,4-Trichlorobenzene	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
1,2-Dichlorobenzene	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
1,2-Diphenylhydrazine	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
1,3,5-Trinitrobenzene	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35) J	NA
1,3-Dichlorobenzene	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
1,3-Dinitrobenzene	ND(0.78)	NA	ND(0.87)	ND(0.82)	ND(0.85)	NA	ND(0.70)	NA
1,4-Dichlorobenzene	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
1,4-Naphthoquinone	ND(0.78)	NA	ND(0.87)	ND(0.82)	ND(0.85)	NA	ND(0.70)	NA
1-Naphthylamine	ND(0.78)	NA	ND(0.87)	ND(0.82)	ND(0.85)	NA	ND(0.70)	NA
2,3,4,6-Tetrachlorophenol	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-J14 1-3 12/04/02	RAA12-J14 6-8 12/04/02	RAA12-J14 6-10 12/04/02	RAA12-J16 0-1 12/13/02	RAA12-J17 0-1 12/13/02	RAA12-J22 3-5 09/04/02	RAA12-J22 3-6 09/04/02	RAA12-J22 6-8 09/04/02
Semivolatile Organics (continued)								
2,4,5-Trichlorophenol	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
2,4,6-Trichlorophenol	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
2,4-Dichlorophenol	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
2,4-Dimethylphenol	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
2,4-Dinitrophenol	ND(2.3) J	NA	ND(2.2) J	ND(2.1)	ND(2.1)	NA	ND(1.8)	NA
2,4-Dinitrotoluene	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
2,6-Dichlorophenol	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
2,6-Dinitrotoluene	ND(0.46)	NA	ND(0.43)	ND(0.41) J	ND(0.42) J	NA	ND(0.35)	NA
2-Acetylaminofluorene	ND(0.78)	NA	ND(0.87)	ND(0.82)	ND(0.85)	NA	ND(0.70)	NA
2-Chloronaphthalene	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
2-Chlorophenol	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
2-Methylnaphthalene	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
2-Methylphenol	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
2-Naphthylamine	ND(0.78)	NA	ND(0.87)	ND(0.82)	ND(0.85)	NA	ND(0.70)	NA
2-Nitroaniline	ND(2.3)	NA	ND(2.2)	ND(2.1) J	ND(2.1) J	NA	ND(1.8)	NA
2-Nitrophenol	ND(0.78)	NA	ND(0.87)	ND(0.82)	ND(0.85)	NA	ND(0.70)	NA
2-Picoline	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
3&4-Methylphenol	ND(0.78)	NA	ND(0.87)	ND(0.82)	ND(0.85)	NA	ND(0.70)	NA
3,3'-Dichlorobenzidine	ND(0.93)	NA	ND(0.87)	ND(0.82)	ND(0.85)	NA	ND(0.70) J	NA
3,3'-Dimethylbenzidine	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
3-Methylcholanthrene	ND(0.78)	NA	ND(0.87)	ND(0.82)	ND(0.85)	NA	ND(0.70)	NA
3-Nitroaniline	ND(2.3)	NA	ND(2.2)	ND(2.1) J	ND(2.1) J	NA	ND(1.8)	NA
4,6-Dinitro-2-methylphenol	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
4-Aminobiphenyl	ND(0.78)	NA	ND(0.87)	ND(0.82)	ND(0.85)	NA	ND(0.70) J	NA
4-Bromophenyl-phenylether	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
4-Chloro-3-Methylphenol	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
4-Chloroaniline	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
4-Chlorobenzilate	ND(0.78)	NA	ND(0.87)	ND(0.82)	ND(0.85)	NA	ND(0.70) J	NA
4-Chlorophenyl-phenylether	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
4-Nitroaniline	ND(2.0)	NA	ND(2.2)	ND(2.1)	ND(2.1)	NA	ND(1.8)	NA
4-Nitrophenol	ND(2.3) J	NA	ND(2.2) J	ND(2.1) J	ND(2.1) J	NA	ND(1.8)	NA
4-Nitroquinoline-1-oxide	ND(0.78)	NA	ND(0.87)	ND(0.82) J	ND(0.85) J	NA	ND(0.70)	NA
4-Phenylenediamine	ND(0.78) J	NA	ND(0.87) J	ND(0.82) J	ND(0.85) J	NA	ND(0.70) J	NA
5-Nitro-o-toluidine	ND(0.78)	NA	ND(0.87)	ND(0.82)	ND(0.85)	NA	ND(0.70)	NA
7,12-Dimethylbenz(a)anthracene	ND(0.78)	NA	ND(0.87)	ND(0.82)	ND(0.85)	NA	ND(0.70)	NA
a,a'-Dimethylphenethylamine	ND(0.78)	NA	ND(0.87)	ND(0.82)	ND(0.85)	NA	ND(0.70)	NA
Acenaphthene	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
Acenaphthylene	ND(0.46)	NA	ND(0.43)	0.15 J	ND(0.42)	NA	ND(0.35)	NA
Acetophenone	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
Aniline	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
Anthracene	ND(0.46)	NA	ND(0.43)	0.32 J	0.088 J	NA	ND(0.35)	NA
Aramite	ND(0.78) J	NA	ND(0.87) J	ND(0.82)	ND(0.85)	NA	ND(0.70) J	NA
Benzidine	ND(0.93) J	NA	ND(0.87) J	ND(0.82)	ND(0.85)	NA	ND(0.70) J	NA
Benzo(a)anthracene	ND(0.46)	NA	ND(0.43)	0.92	0.29 J	NA	ND(0.35)	NA
Benzo(a)pyrene	ND(0.46)	NA	ND(0.43)	0.79	0.25 J	NA	ND(0.35)	NA
Benzo(b)fluoranthene	ND(0.46)	NA	ND(0.43)	0.95	0.35 J	NA	ND(0.35)	NA
Benzo(g,h,i)perylene	ND(0.46)	NA	ND(0.43)	0.43	0.14 J	NA	ND(0.35)	NA
Benzo(k)fluoranthene	ND(0.46)	NA	ND(0.43)	0.40 J	0.14 J	NA	ND(0.35)	NA
Benzyl Alcohol	ND(0.93)	NA	ND(0.87)	ND(0.82)	ND(0.85)	NA	ND(0.70)	NA
bis(2-Chloroethoxy)methane	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
bis(2-Chloroethyl)ether	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
bis(2-Chloroisopropyl)ether	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
bis(2-Ethylhexyl)phthalate	ND(0.38)	NA	ND(0.43)	ND(0.40)	ND(0.42)	NA	ND(0.35)	NA
Butylbenzylphthalate	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
Chrysene	ND(0.46)	NA	ND(0.43)	0.81	0.23 J	NA	ND(0.35)	NA
Diallate	ND(0.78) J	NA	ND(0.87) J	ND(0.82)	ND(0.85)	NA	ND(0.70)	NA
Dibenzo(a,h)anthracene	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
Dibenzofuran	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
Diethylphthalate	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
Dimethylphthalate	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
Di-n-Butylphthalate	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
Di-n-Octylphthalate	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
Diphenylamine	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
Ethyl Methanesulfonate	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
Fluoranthene	ND(0.46)	NA	ND(0.43)	2.4	0.56	NA	ND(0.35)	NA

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

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

Sample ID:	RAA12-J14	RAA12-J14	RAA12-J14	RAA12-J16	RAA12-J17	RAA12-J22	RAA12-J22	RAA12-J22
Sample Depth(Feet):	1-3	6-8	6-10	0-1	0-1	3-5	3-6	6-8
Parameter Date Collected:	12/04/02	12/04/02	12/04/02	12/13/02	12/13/02	09/04/02	09/04/02	09/04/02
Semivolatile Organics (continued)								
Fluorene	ND(0.46)	NA	ND(0.43)	0.12 J	ND(0.42)	NA	ND(0.35)	NA
Hexachlorobenzene	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
Hexachlorobutadiene	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
Hexachlorocyclopentadiene	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
Hexachloroethane	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
Hexachlorophene	ND(0.93) J	NA	ND(0.87) J	ND(0.82) J	ND(0.85) J	NA	ND(0.70)	NA
Hexachloropropene	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35) J	NA
Indeno(1,2,3-cd)pyrene	ND(0.46)	NA	ND(0.43)	0.39 J	0.15 J	NA	ND(0.35)	NA
Isodrin	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
Isophorone	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
Isosafrole	ND(0.78)	NA	ND(0.87)	ND(0.82)	ND(0.85)	NA	ND(0.70)	NA
Methapyrilene	ND(0.78)	NA	ND(0.87)	ND(0.82)	ND(0.85)	NA	ND(0.70)	NA
Methyl Methanesulfonate	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35) J	NA
Naphthalene	ND(0.46)	NA	ND(0.43)	0.093 J	ND(0.42)	NA	ND(0.35)	NA
Nitrobenzene	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
N-Nitrosodiethylamine	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
N-Nitrosodimethylamine	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
N-Nitroso-di-n-butylamine	ND(0.78)	NA	ND(0.87)	ND(0.82)	ND(0.85)	NA	ND(0.70)	NA
N-Nitroso-di-n-propylamine	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
N-Nitrosodiphenylamine	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
N-Nitrosomethylethylamine	ND(0.78)	NA	ND(0.87)	ND(0.82)	ND(0.85)	NA	ND(0.70)	NA
N-Nitrosomorpholine	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
N-Nitrosopiperidine	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
N-Nitrosopyrrolidine	ND(0.78)	NA	ND(0.87)	ND(0.82)	ND(0.85)	NA	ND(0.70) J	NA
o,o,o-Triethylphosphorothioate	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
o-Toluidine	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35) J	NA
p-Dimethylaminoazobenzene	ND(0.78)	NA	ND(0.87)	ND(0.82)	ND(0.85)	NA	ND(0.70)	NA
Pentachlorobenzene	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
Pentachloroethane	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
Pentachloronitrobenzene	ND(0.78)	NA	ND(0.87)	ND(0.82)	ND(0.85)	NA	ND(0.70)	NA
Pentachlorophenol	ND(2.3)	NA	ND(2.2)	ND(2.1)	ND(2.1)	NA	ND(1.8)	NA
Phenacetin	ND(0.78)	NA	ND(0.87)	ND(0.82)	ND(0.85)	NA	ND(0.70)	NA
Phenanthrene	ND(0.46)	NA	ND(0.43)	1.1	0.26 J	NA	ND(0.35)	NA
Phenol	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
Pronamide	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
Pyrene	ND(0.46)	NA	ND(0.43)	2.1	0.51	NA	ND(0.35)	NA
Pyridine	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
Safrole	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)	NA
Thionazin	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35) J	NA
Organochlorine Pesticides								
4,4'-DDD	NA	NA	NA	NA	NA	NA	ND(0.016)	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA	ND(0.016)	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA	ND(0.016)	NA
Aldrin	NA	NA	NA	NA	NA	NA	ND(0.0080)	NA
Alpha-BHC	NA	NA	NA	NA	NA	NA	ND(0.0080)	NA
Alpha-Chlordane	NA	NA	NA	NA	NA	NA	ND(0.0080)	NA
Beta-BHC	NA	NA	NA	NA	NA	NA	ND(0.0080)	NA
Delta-BHC	NA	NA	NA	NA	NA	NA	ND(0.0080)	NA
Dieldrin	NA	NA	NA	NA	NA	NA	ND(0.016)	NA
Endosulfan I	NA	NA	NA	NA	NA	NA	ND(0.016)	NA
Endosulfan II	NA	NA	NA	NA	NA	NA	ND(0.016)	NA
Endosulfan Sulfate	NA	NA	NA	NA	NA	NA	ND(0.016)	NA
Endrin	NA	NA	NA	NA	NA	NA	ND(0.016)	NA
Endrin Aldehyde	NA	NA	NA	NA	NA	NA	ND(0.016)	NA
Endrin Ketone	NA	NA	NA	NA	NA	NA	ND(0.016)	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA	ND(0.0080)	NA
Gamma-Chlordane	NA	NA	NA	NA	NA	NA	ND(0.0080)	NA
Heptachlor	NA	NA	NA	NA	NA	NA	ND(0.0080)	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA	NA	ND(0.0080)	NA
Kepone	NA	NA	NA	NA	NA	NA	ND(0.35)	NA
Methoxychlor	NA	NA	NA	NA	NA	NA	ND(0.080)	NA
Technical Chlordane	NA	NA	NA	NA	NA	NA	ND(0.088)	NA
Toxaphene	NA	NA	NA	NA	NA	NA	ND(0.17)	NA

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-J14 1-3 12/04/02	RAA12-J14 6-8 12/04/02	RAA12-J14 6-10 12/04/02	RAA12-J16 0-1 12/13/02	RAA12-J17 0-1 12/13/02	RAA12-J22' 3-5 09/04/02	RAA12-J22 3-6 09/04/02	RAA12-J22 6-8 09/04/02
Organophosphate Pesticides								
Dimethoate	NA	NA	NA	NA	NA	NA	ND(1.8)	NA
Disulfoton	NA	NA	NA	NA	NA	NA	ND(0.70)	NA
Ethyl Parathion	NA	NA	NA	NA	NA	NA	ND(0.70)	NA
Famphur	NA	NA	NA	NA	NA	NA	ND(0.35)	NA
Methyl Parathion	NA	NA	NA	NA	NA	NA	ND(0.70)	NA
Phorate	NA	NA	NA	NA	NA	NA	ND(0.70)	NA
Sulfotep	NA	NA	NA	NA	NA	NA	ND(0.70)	NA
Herbicides								
2,4,5-T	NA	NA	NA	NA	NA	NA	ND(0.34)	NA
2,4,5-TP	NA	NA	NA	NA	NA	NA	ND(0.34)	NA
2,4-D	NA	NA	NA	NA	NA	NA	ND(0.80)	NA
Dinoseb	NA	NA	NA	NA	NA	NA	ND(0.35)	NA
Furans								
2,3,7,8-TCDF	ND(0.0000016)	NA	0.00000027 J	0.0000064 J	0.000011 Y	NA	0.00000017 J	NA
TCDFs (total)	0.0000038	NA	0.00000027	0.000077	0.000084	NA	0.00000017	NA
1,2,3,7,8-PeCDF	ND(0.00000072) X	NA	ND(0.00000061)	0.0000029 J	0.0000046 J	NA	ND(0.00000025)	NA
2,3,4,7,8-PeCDF	ND(0.0000019)	NA	ND(0.00000061)	0.000015 J	0.0000082 J	NA	ND(0.00000025)	NA
PeCDFs (total)	0.000011	NA	ND(0.00000030)	0.00013	0.00010	NA	ND(0.00000025)	NA
1,2,3,4,7,8-HxCDF	ND(0.0000024)	NA	0.00000013 J	ND(0.0000066) X	0.0000093 J	NA	ND(0.00000025)	NA
1,2,3,6,7,8-HxCDF	ND(0.0000012)	NA	0.00000020 J	0.0000051 J	0.0000082 J	NA	ND(0.00000025)	NA
1,2,3,7,8,9-HxCDF	ND(0.0000024)	NA	ND(0.00000061)	ND(0.0000021) X	ND(0.0000026)	NA	ND(0.00000025)	NA
2,3,4,6,7,8-HxCDF	ND(0.00000082) X	NA	ND(0.00000061)	0.0000091 J	0.000011 J	NA	ND(0.00000025)	NA
HxCDFs (total)	0.0000082	NA	ND(0.00000032)	0.00012	0.00016	NA	ND(0.00000025)	NA
1,2,3,4,6,7,8-HpCDF	ND(0.0000016) X	NA	ND(0.00000026)	0.000025	0.000072	NA	ND(0.00000025)	NA
1,2,3,4,7,8,9-HpCDF	ND(0.0000024)	NA	ND(0.00000061)	ND(0.0000028)	0.0000050 J	NA	ND(0.00000025)	NA
HpCDFs (total)	ND(0.0000024)	NA	ND(0.00000026)	0.000081	0.00017	NA	ND(0.00000025)	NA
OCDF	ND(0.0000013) X	NA	ND(0.0000012)	0.000062	0.00012	NA	ND(0.00000050)	NA
Dioxins								
2,3,7,8-TCDD	ND(0.00000098)	NA	ND(0.00000024)	ND(0.0000013)	ND(0.0000015)	NA	ND(0.00000012)	NA
TCDDs (total)	ND(0.0000033)	NA	ND(0.00000024)	0.0000015	ND(0.0000024)	NA	ND(0.00000021)	NA
1,2,3,7,8-PeCDD	ND(0.0000024)	NA	ND(0.00000020) X	ND(0.0000021) X	0.0000030 J	NA	ND(0.00000025)	NA
PeCDDs (total)	ND(0.0000038)	NA	0.00000069	0.0000065	0.0000078	NA	ND(0.00000025)	NA
1,2,3,4,7,8-HxCDD	ND(0.0000024)	NA	ND(0.00000061)	0.0000014 J	0.0000059 J	NA	ND(0.00000025)	NA
1,2,3,6,7,8-HxCDD	ND(0.0000024)	NA	ND(0.00000061)	0.0000059 J	0.000014 J	NA	ND(0.00000025)	NA
1,2,3,7,8,9-HxCDD	ND(0.0000024)	NA	ND(0.00000061)	0.0000028 J	0.000014 J	NA	ND(0.00000025)	NA
HxCDDs (total)	ND(0.0000045)	NA	ND(0.0000012)	0.000059	0.000076	NA	ND(0.00000034)	NA
1,2,3,4,6,7,8-HpCDD	ND(0.0000026)	NA	ND(0.00000052) X	0.000086	0.00029	NA	0.00000025 J	NA
HpCDDs (total)	ND(0.0000041)	NA	ND(0.00000061)	0.00020	0.00051	NA	0.00000044	NA
OCDD	ND(0.000010)	NA	ND(0.0000037)	0.00084	0.0016	NA	ND(0.0000021)	NA
Total TEQs (WHO TEFs)	0.0000030	NA	0.00000061	0.000014	0.000019	NA	0.00000036	NA
Inorganics								
Antimony	ND(6.00)	NA	ND(6.00)	ND(6.00)	ND(6.00)	NA	ND(6.00)	NA
Arsenic	4.00 J	NA	3.10 J	5.20	7.50	NA	10.0	NA
Barium	54.0 J	NA	30.0 J	68.0	73.0	NA	19.0 B	NA
Beryllium	ND(0.50)	NA	ND(0.50)	ND(0.50)	ND(0.50)	NA	0.180 B	NA
Cadmium	0.740	NA	0.580	1.10	0.860	NA	ND(0.500)	NA
Chromium	19.0 J	NA	10.0 J	9.40	9.40	NA	7.50	NA
Cobalt	12.0	NA	12.0	5.50	10.0	NA	8.60	NA
Copper	28.0	NA	20.0	23.0	55.0	NA	22.0	NA
Cyanide	ND(0.120)	NA	ND(0.130)	ND(0.120)	ND(0.250)	NA	ND(0.100)	NA
Lead	13.0 J	NA	16.0 J	140	170	NA	12.0	NA
Mercury	0.0540 B	NA	0.0340 B	0.440	0.250	NA	ND(0.100)	NA
Nickel	22.0	NA	18.0	12.0	15.0	NA	15.0	NA
Selenium	ND(1.00) J	NA	ND(1.00) J	ND(1.00)	ND(1.00)	NA	ND(1.00) J	NA
Silver	ND(1.00)	NA	ND(1.00)	ND(1.00)	ND(1.00)	NA	ND(1.00)	NA
Sulfide	34.0	NA	54.0	12.0	10.0	NA	22.0	NA
Thallium	ND(1.20) J	NA	ND(1.30) J	ND(1.20) J	ND(1.30) J	NA	1.30	NA
Tin	ND(10.0)	NA	ND(10.0)	14.0	13.0	NA	ND(10.0)	NA
Vanadium	27.0	NA	11.0	8.40	13.0	NA	6.00	NA
Zinc	56.0 J	NA	81.0 J	230	170	NA	40.0	NA

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-J22 6-10 09/04/02	RAA12-J25 0-1 08/21/02	RAA12-J26 3-6 08/12/02	RAA12-J26 4-6 08/12/02	RAA12-J27 0-1 08/08/02	RAA12-J28 1-3 08/12/02
Volatile Organics						
1,1,1,2-Tetrachloroethane	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [ND(0.0054)]	ND(0.0059)
1,1,1-Trichloroethane	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [ND(0.0054)]	ND(0.0059)
1,1,2,2-Tetrachloroethane	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [ND(0.0054)]	ND(0.0059) J
1,1,2-Trichloroethane	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [ND(0.0054)]	ND(0.0059)
1,1-Dichloroethane	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [ND(0.0054)]	ND(0.0059)
1,1-Dichloroethene	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [ND(0.0054)]	ND(0.0059)
1,2,3-Trichloropropane	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [ND(0.0054)]	ND(0.0059) J
1,2-Dibromo-3-chloropropane	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [ND(0.0054)]	ND(0.0059) J
1,2-Dibromoethane	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [ND(0.0054)]	ND(0.0059)
1,2-Dichloroethane	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [ND(0.0054)]	ND(0.0059)
1,2-Dichloropropane	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [ND(0.0054)]	ND(0.0059)
1,4-Dioxane	NA	ND(0.10) J	NA	ND(0.11) J	ND(0.11) J [ND(0.11) J]	ND(0.12) J
2-Butanone	NA	ND(0.010)	NA	ND(0.011)	ND(0.011) [ND(0.011)]	ND(0.012)
2-Chloro-1,3-butadiene	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [ND(0.0054)]	ND(0.0059)
2-Chloroethylvinylether	NA	ND(0.0051)	NA	ND(0.0056) J	ND(0.0053) J [ND(0.0054) J]	ND(0.0059) J
2-Hexanone	NA	ND(0.010)	NA	ND(0.011)	ND(0.011) [ND(0.011)]	ND(0.012)
3-Chloropropene	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [ND(0.0054)]	ND(0.0059)
4-Methyl-2-pentanone	NA	ND(0.010)	NA	ND(0.011)	ND(0.011) [ND(0.011)]	ND(0.012)
Acetone	NA	ND(0.020)	NA	ND(0.022) J	ND(0.021) [ND(0.022)]	ND(0.024) J
Acetonitrile	NA	ND(0.10)	NA	ND(0.11)	ND(0.11) [ND(0.11)]	ND(0.12)
Acrolein	NA	ND(0.10) J	NA	ND(0.11)	ND(0.11) J [ND(0.11) J]	ND(0.12)
Acrylonitrile	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [ND(0.0054)]	ND(0.0059)
Benzene	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [ND(0.0054)]	ND(0.0059)
Bromodichloromethane	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [ND(0.0054)]	ND(0.0059)
Bromoform	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [ND(0.0054)]	ND(0.0059)
Bromomethane	NA	ND(0.0051)	NA	ND(0.0056) J	ND(0.0053) J [ND(0.0054) J]	ND(0.0059) J
Carbon Disulfide	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) J [ND(0.0054) J]	ND(0.0059)
Carbon Tetrachloride	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [ND(0.0054)]	ND(0.0059)
Chlorobenzene	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [ND(0.0054)]	ND(0.0059)
Chloroethane	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [ND(0.0054)]	ND(0.0059)
Chloroform	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [ND(0.0054)]	ND(0.0059)
Chloromethane	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [ND(0.0054)]	ND(0.0059)
cis-1,3-Dichloropropene	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [ND(0.0054)]	ND(0.0059)
Dibromochloromethane	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [ND(0.0054)]	ND(0.0059)
Dibromomethane	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [ND(0.0054)]	ND(0.0059)
Dichlorodifluoromethane	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [ND(0.0054)]	ND(0.0059)
Ethyl Methacrylate	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [ND(0.0054)]	ND(0.0059)
Ethylbenzene	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [ND(0.0054)]	ND(0.0059)
Iodomethane	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [ND(0.0054)]	ND(0.0059)
Isobutanol	NA	ND(0.10)	NA	ND(0.11)	ND(0.11) [ND(0.11)]	ND(0.12)
Methacrylonitrile	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [ND(0.0054)]	ND(0.0059)
Methyl Methacrylate	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [ND(0.0054)]	ND(0.0059)
Methylene Chloride	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [ND(0.0054)]	ND(0.0059)
Propionitrile	NA	ND(0.010) J	NA	ND(0.011)	ND(0.011) [ND(0.011)]	ND(0.012)
Styrene	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [ND(0.0054)]	ND(0.0059)
Tetrachloroethene	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [ND(0.0054)]	ND(0.0059)
Toluene	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [ND(0.0054)]	ND(0.0059)
trans-1,2-Dichloroethene	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [ND(0.0054)]	ND(0.0059)
trans-1,3-Dichloropropene	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [ND(0.0054)]	ND(0.0059)
trans-1,4-Dichloro-2-butene	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [ND(0.0054)]	ND(0.0059) J
Trichloroethene	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [0.0043 J]	ND(0.0059)
Trichlorofluoromethane	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [ND(0.0054)]	ND(0.0059)
Vinyl Acetate	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [ND(0.0054)]	ND(0.0059)
Vinyl Chloride	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [ND(0.0054)]	ND(0.0059)
Xylenes (total)	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [ND(0.0054)]	ND(0.0059)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
1,2,4-Trichlorobenzene	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
1,2-Dichlorobenzene	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
1,2-Diphenylhydrazine	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
1,3,5-Trinitrobenzene	ND(0.35) J	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
1,3-Dichlorobenzene	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
1,3-Dinitrobenzene	ND(0.70)	ND(0.69)	ND(0.73)	NA	ND(0.71) [ND(0.73)]	ND(0.79)
1,4-Dichlorobenzene	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
1,4-Naphthoquinone	ND(0.70)	ND(0.69)	ND(0.73)	NA	ND(0.71) [ND(0.73)]	ND(0.79)
1-Naphthylamine	ND(0.70)	ND(0.69)	ND(0.73)	NA	ND(0.71) [ND(0.73)]	ND(0.79)
2,3,4,6-Tetrachlorophenol	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-J22 6-10 09/04/02	RAA12-J25 0-1 08/21/02	RAA12-J26 3-6 08/12/02	RAA12-J26 4-6 08/12/02	RAA12-J27 0-1 08/08/02	RAA12-J28 1-3 08/12/02
Semivolatile Organics (continued)						
2,4,5-Trichlorophenol	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
2,4,6-Trichlorophenol	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
2,4-Dichlorophenol	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
2,4-Dimethylphenol	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
2,4-Dinitrophenol	ND(1.8)	ND(1.7)	ND(1.9)	NA	ND(1.8) [ND(1.8)]	ND(2.0)
2,4-Dinitrotoluene	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
2,6-Dichlorophenol	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
2,6-Dinitrotoluene	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
2-Acetylaminofluorene	ND(0.70)	ND(0.69)	ND(0.73)	NA	ND(0.71) [ND(0.73)]	ND(0.79)
2-Chloronaphthalene	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
2-Chlorophenol	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
2-Methylnaphthalene	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
2-Methylphenol	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
2-Naphthylamine	ND(0.70)	ND(0.69)	ND(0.73)	NA	ND(0.71) [ND(0.73)]	ND(0.79)
2-Nitroaniline	ND(1.8)	ND(1.7)	ND(1.9)	NA	ND(1.8) [ND(1.8)]	ND(2.0)
2-Nitrophenol	ND(0.70)	ND(0.69)	ND(0.73)	NA	ND(0.71) [ND(0.73)]	ND(0.79)
2-Picoline	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
3&4-Methylphenol	ND(0.70)	ND(0.69)	ND(0.73)	NA	ND(0.71) [ND(0.73)]	ND(0.79)
3,3'-Dichlorobenzidine	ND(0.70) J	ND(0.69) J	ND(0.73)	NA	ND(0.71) [ND(0.73)]	ND(0.79)
3,3'-Dimethylbenzidine	ND(0.35)	ND(0.34) J	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
3-Methylcholanthrene	ND(0.70)	ND(0.69)	ND(0.73)	NA	ND(0.71) [ND(0.73)]	ND(0.79)
3-Nitroaniline	ND(1.8)	ND(1.7)	ND(1.9)	NA	ND(1.8) [ND(1.8)]	ND(2.0)
4,6-Dinitro-2-methylphenol	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
4-Aminobiphenyl	ND(0.70) J	ND(0.69)	ND(0.73) J	NA	ND(0.71) J [ND(0.73) J]	ND(0.79) J
4-Bromophenyl-phenylether	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
4-Chloro-3-Methylphenol	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
4-Chloroaniline	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
4-Chlorobenzilate	ND(0.70) J	ND(0.69)	ND(0.73)	NA	ND(0.71) [ND(0.73)]	ND(0.79)
4-Chlorophenyl-phenylether	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
4-Nitroaniline	ND(1.8)	ND(1.7)	ND(1.9)	NA	ND(1.8) J [ND(1.8) J]	ND(2.0)
4-Nitrophenol	ND(1.8)	ND(1.7)	ND(1.9)	NA	ND(1.8) [ND(1.8)]	ND(2.0)
4-Nitroquinoline-1-oxide	ND(0.70)	ND(0.69)	ND(0.73)	NA	ND(0.71) J [ND(0.73) J]	ND(0.79)
4-Phenylenediamine	ND(0.70) J	ND(0.69) J	ND(0.73) J	NA	ND(0.71) J [ND(0.73) J]	ND(0.79) J
5-Nitro-o-toluidine	ND(0.70)	ND(0.69)	ND(0.73) J	NA	ND(0.71) [ND(0.73)]	ND(0.79) J
7,12-Dimethylbenz(a)anthracene	ND(0.70)	ND(0.69)	ND(0.73)	NA	ND(0.71) [ND(0.73)]	ND(0.79)
a,a'-Dimethylphenethylamine	ND(0.70)	ND(0.69)	ND(0.73) J	NA	ND(0.71) [ND(0.73)]	ND(0.79) J
Acenaphthene	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
Acenaphthylene	ND(0.35)	1.0	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
Acetophenone	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
Aniline	ND(0.35)	ND(0.34)	1.0	NA	0.51 [0.59]	ND(0.39)
Anthracene	ND(0.35)	1.1	ND(0.36)	NA	ND(0.35) [0.27 J]	ND(0.39)
Aramite	ND(0.70) J	ND(0.69) J	ND(0.73) J	NA	ND(0.71) J [ND(0.73) J]	ND(0.79) J
Benzidine	ND(0.70) J	ND(0.69) J	ND(0.73)	NA	ND(0.71) [ND(0.73)]	ND(0.79)
Benzo(a)anthracene	ND(0.35)	3.8 J	0.38	NA	0.094 J [0.77]	0.086 J
Benzo(a)pyrene	ND(0.35)	2.4 J	0.29 J	NA	0.17 J [0.60]	ND(0.39)
Benzo(b)fluoranthene	ND(0.35)	2.7 J	0.58	NA	0.13 J [0.79]	0.35 J
Benzo(g,h,i)perylene	ND(0.35)	2.2 J	0.43	NA	0.13 J [0.52]	ND(0.39)
Benzo(k)fluoranthene	ND(0.35)	2.2 J	0.43	NA	0.14 J [0.60]	ND(0.39)
Benzyl Alcohol	ND(0.70)	ND(0.69) J	ND(0.73)	NA	ND(0.71) [ND(0.73)]	ND(0.79)
bis(2-Chloroethoxy)methane	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
bis(2-Chloroethyl)ether	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
bis(2-Chloroisopropyl)ether	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
bis(2-Ethylhexyl)phthalate	ND(0.34)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	0.30 J
Butylbenzylphthalate	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
Chrysene	ND(0.35)	3.4 J	0.56	NA	0.15 J [0.77 J]	0.20 J
Diallate	ND(0.70)	ND(0.69)	ND(0.73)	NA	ND(0.71) [ND(0.73)]	ND(0.79)
Dibenzo(a,h)anthracene	ND(0.35)	0.93 J	0.12 J	NA	ND(0.35) [0.18 J]	ND(0.39)
Dibenzofuran	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
Diethylphthalate	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
Dimethylphthalate	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
Di-n-Butylphthalate	ND(0.35)	ND(0.34)	0.19 J	NA	0.39 [0.54]	ND(0.39)
Di-n-Octylphthalate	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
Diphenylamine	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
Ethyl Methanesulfonate	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
Fluoranthene	ND(0.35)	3.3	0.54	NA	0.10 J [1.3 J]	0.12 J

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-J22 6-10 09/04/02	RAA12-J25 0-1 08/21/02	RAA12-J26 3-6 08/12/02	RAA12-J26 4-6 08/12/02	RAA12-J27 0-1 08/08/02	RAA12-J28 1-3 08/12/02
Semivolatile Organics (continued)						
Fluorene	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
Hexachlorobenzene	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
Hexachlorobutadiene	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
Hexachlorocyclopentadiene	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
Hexachloroethane	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
Hexachlorophene	ND(0.70)	ND(0.69) J	ND(0.73) J	NA	ND(0.71) [ND(0.73)]	ND(0.79) J
Hexachloropropene	ND(0.35) J	ND(0.34)	ND(0.36) J	NA	ND(0.35) [ND(0.36)]	ND(0.39) J
Indeno(1,2,3-cd)pyrene	ND(0.35)	1.9 J	0.30 J	NA	ND(0.35) [0.34 J]	ND(0.39)
Isodrin	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
Isophorone	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
Isosafrole	ND(0.70)	ND(0.69) J	ND(0.73)	NA	ND(0.71) [ND(0.73)]	ND(0.79)
Methapyrilene	ND(0.70)	ND(0.69)	ND(0.73)	NA	ND(0.71) [ND(0.73)]	ND(0.79)
Methyl Methanesulfonate	ND(0.35) J	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
Naphthalene	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
Nitrobenzene	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
N-Nitrosodiethylamine	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
N-Nitrosodimethylamine	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
N-Nitroso-di-n-butylamine	ND(0.70)	ND(0.69)	ND(0.73)	NA	ND(0.71) [ND(0.73)]	ND(0.79)
N-Nitroso-di-n-propylamine	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
N-Nitrosodiphenylamine	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
N-Nitrosomethylethylamine	ND(0.70)	ND(0.69)	ND(0.73)	NA	ND(0.71) [ND(0.73)]	ND(0.79)
N-Nitrosomorpholine	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
N-Nitrosopiperidine	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
N-Nitrosopyrrolidine	ND(0.70) J	ND(0.69) J	ND(0.73) J	NA	ND(0.71) [ND(0.73)]	ND(0.79) J
o,o,o-Triethylphosphorothioate	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
o-Toluidine	ND(0.35) J	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
p-Dimethylaminoazobenzene	ND(0.70)	ND(0.69)	ND(0.73)	NA	ND(0.71) J [ND(0.73) J]	ND(0.79)
Pentachlorobenzene	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
Pentachloroethane	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
Pentachloronitrobenzene	ND(0.70)	ND(0.69)	ND(0.73)	NA	ND(0.71) J [ND(0.73) J]	ND(0.79)
Pentachlorophenol	ND(1.8)	ND(1.7)	ND(1.9)	NA	ND(1.8) [ND(1.8)]	ND(2.0)
Phenacetin	ND(0.70)	ND(0.69)	ND(0.73)	NA	ND(0.71) [ND(0.73)]	ND(0.79)
Phenanthrene	ND(0.35)	1.6	0.24 J	NA	0.089 J [1.3 J]	ND(0.39)
Phenol	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
Pronamide	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
Pyrene	ND(0.35)	5.3 J	0.85	NA	0.32 J [2.4 J]	0.11 J
Pyridine	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
Safrole	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
Thionazin	ND(0.35) J	ND(0.34) J	ND(0.36)	NA	ND(0.35) [ND(0.36)]	ND(0.39)
Organochlorine Pesticides						
4,4'-DDD	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA	NA
Alpha-BHC	NA	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	NA	NA	NA	NA	NA	NA
Endrin	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA	NA	NA
Endrin Ketone	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	NA	NA	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA	NA
Kepone	NA	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA	NA	NA

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-J22 6-10 09/04/02	RAA12-J25 0-1 08/21/02	RAA12-J26 3-6 08/12/02	RAA12-J26 4-6 08/12/02	RAA12-J27 0-1 08/08/02	RAA12-J28 1-3 08/12/02
Organophosphate Pesticides						
Dimethoate	NA	NA	NA	NA	NA	NA
Disulfoton	NA	NA	NA	NA	NA	NA
Ethyl Parathion	NA	NA	NA	NA	NA	NA
Famphur	NA	NA	NA	NA	NA	NA
Methyl Parathion	NA	NA	NA	NA	NA	NA
Phorate	NA	NA	NA	NA	NA	NA
Sulfotep	NA	NA	NA	NA	NA	NA
Herbicides						
2,4,5-T	NA	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA	NA	NA
Dinoseb	NA	NA	NA	NA	NA	NA
Furans						
2,3,7,8-TCDF	0.00000021 J	0.0000034 J	0.000034 Y	NA	0.00012 Y [0.00011 YQ]	0.00000064 J
TCDFs (total)	0.00000021	0.000027 I	0.00011	NA	0.00038 [0.00038]	0.0000044
1,2,3,7,8-PeCDF	ND(0.00000026)	ND(0.0000018) X	0.000011	NA	0.000026 [0.000032]	0.00000043 J
2,3,4,7,8-PeCDF	ND(0.00000026)	0.0000025 JQ	0.000034	NA	0.000061 [0.000063]	0.00000054 J
PeCDFs (total)	ND(0.00000026)	0.000016 Q	0.00012	NA	0.00068 I [0.00077 QI]	0.0000038 Q
1,2,3,4,7,8-HxCDF	ND(0.00000026)	0.0000021 J	0.000018	NA	0.000050 [0.000077]	0.00000080 J
1,2,3,6,7,8-HxCDF	ND(0.000000046) X	0.0000018 J	0.0000088	NA	0.000027 J [0.000046 J]	0.00000044 J
1,2,3,7,8,9-HxCDF	ND(0.00000026)	0.0000012 J	0.0000043	NA	0.000014 [0.000012 Q]	ND(0.00000075)
2,3,4,6,7,8-HxCDF	ND(0.00000026)	0.0000016 J	0.0000055	NA	0.000053 [0.000043]	ND(0.00000053) X
HxCDFs (total)	ND(0.00000026)	0.000022	0.000069	NA	0.00074 [0.0012]	0.0000052
1,2,3,4,6,7,8-HpCDF	ND(0.00000026)	0.0000026 J	0.000020	NA	0.000068 [0.00011]	0.0000018 J
1,2,3,4,7,8,9-HpCDF	ND(0.00000026)	ND(0.0000011) X	0.0000051	NA	0.000016 [0.000025]	ND(0.00000043)
HpCDFs (total)	ND(0.00000026)	0.0000053	0.000035	NA	0.00018 [0.00030]	0.0000038
OCDF	ND(0.00000052)	ND(0.0000026) X	0.000030	NA	0.000067 [0.00010]	0.0000046 J
Dioxins						
2,3,7,8-TCDD	ND(0.00000010)	ND(0.0000025)	ND(0.00000048)	NA	ND(0.00000057) X [0.00000080 J]	ND(0.00000052)
TCDDs (total)	ND(0.00000018)	ND(0.0000025)	0.00000050	NA	0.0000082 [0.0000054]	0.0000010
1,2,3,7,8-PeCDD	ND(0.00000026)	ND(0.00000080) X	ND(0.00000046) X	NA	ND(0.0000034) X [0.0000060]	0.00000015 J
PeCDDs (total)	ND(0.00000026)	ND(0.0000039)	0.0000050 Q	NA	0.000038 [0.000049 Q]	0.0000016 Q
1,2,3,4,7,8-HxCDD	ND(0.00000026)	ND(0.0000023)	0.00000060 J	NA	0.0000027 J [0.0000039]	ND(0.00000069)
1,2,3,6,7,8-HxCDD	ND(0.00000026)	ND(0.0000023)	0.00000094 J	NA	0.0000073 [0.000012]	ND(0.00000053) X
1,2,3,7,8,9-HxCDD	ND(0.00000026)	ND(0.0000023)	ND(0.0000011) X	NA	0.0000050 [0.0000078]	ND(0.00000063)
HxCDDs (total)	ND(0.00000030)	ND(0.0000074)	0.000012	NA	0.000087 [0.00013]	0.0000029
1,2,3,4,6,7,8-HpCDD	0.00000025 J	0.0000032 J	0.000012	NA	0.000030 [0.000044]	0.0000058
HpCDDs (total)	0.00000042	0.0000032	0.000024	NA	0.000060 [0.000087]	0.0000097
OCDD	ND(0.0000016)	0.000011 J	0.00036	NA	0.00016 [0.00019]	0.00013
Total TEQs (WHO TEFs)	0.00000036	0.0000044	0.000026	NA	0.000063 [0.000073]	0.0000011
Inorganics						
Antimony	ND(6.00)	ND(6.00) J	2.30 B	NA	16.0 J [33.0 J]	2.30 B
Arsenic	7.10	4.00	5.90	NA	6.00 [6.10]	94.0
Barium	14.0 B	20.0 J	40.0	NA	190 J [66.0 J]	110
Beryllium	0.160 B	0.140 B	0.510	NA	0.270 B [0.270 B]	1.00
Cadmium	ND(0.500)	0.370 B	14.0	NA	5.10 [5.50]	1.00
Chromium	9.50	5.00	14.0	NA	11.0 J [20.0 J]	14.0
Cobalt	14.0	5.10	3.50 B	NA	4.90 B [5.60]	4.80 B
Copper	29.0	12.0	280	NA	5600 J [1700 J]	44.0
Cyanide	ND(0.100)	ND(0.100)	0.140	NA	0.0850 B [ND(0.110)]	0.120
Lead	10.0	7.10 J	3600	NA	480 [360]	120
Mercury	ND(0.100)	ND(0.100)	0.0570 B	NA	0.550 J [0.340 J]	0.110 B
Nickel	24.0	9.40	7.20	NA	10.0 J [11.0 J]	11.0
Selenium	ND(1.00) J	ND(1.00)	0.830 B	NA	ND(1.00) [ND(1.00)]	1.30
Silver	ND(1.00)	ND(1.00)	ND(1.00)	NA	ND(1.00) [ND(1.00)]	ND(1.00)
Sulfide	20.0	23.0	98.0	NA	43.0 J [10.0 J]	83.0
Thallium	ND(1.00)	ND(1.00)	ND(1.60)	NA	ND(1.60) [ND(1.60)]	ND(1.80)
Tin	ND(10.0)	ND(10.0)	19.0	NA	1000 J [120 J]	8.40 B
Vanadium	7.00	4.80 J	18.0	NA	11.0 [9.40]	22.0
Zinc	50.0	31.0 J	330	NA	8300 J [3700 J]	49.0

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-J30 0-1 09/09/02	RAA12-J31 0-1 09/09/02	RAA12-K15 0-1 12/06/02	RAA12-K20 0-1 09/09/02	RAA12-K20 1-3 09/09/02	RAA12-K22 0-1 09/09/02	RAA12-L8 0-1 12/11/02
Volatile Organics							
1,1,1,2-Tetrachloroethane	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)	ND(0.0057)	ND(0.0058)
1,1,1-Trichloroethane	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)	ND(0.0057)	ND(0.0058)
1,1,2,2-Tetrachloroethane	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)	ND(0.0057)	ND(0.0058)
1,1,2-Trichloroethane	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)	ND(0.0057)	ND(0.0058)
1,1-Dichloroethane	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)	ND(0.0057)	ND(0.0058)
1,1-Dichloroethene	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)	ND(0.0057)	ND(0.0058)
1,2,3-Trichloropropane	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)	ND(0.0057)	ND(0.0058)
1,2-Dibromo-3-chloropropane	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)	ND(0.0057)	ND(0.0058)
1,2-Dibromoethane	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)	ND(0.0057)	ND(0.0058)
1,2-Dichloroethane	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)	ND(0.0057)	ND(0.0058)
1,2-Dichloropropane	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)	ND(0.0057)	ND(0.0058)
1,4-Dioxane	ND(0.11) J	ND(0.10) J	ND(0.11)	ND(0.11) J	ND(0.11) J	ND(0.11) J	ND(0.12) J
2-Butanone	ND(0.011)	ND(0.010)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.012)
2-Chloro-1,3-butadiene	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)	ND(0.0057)	ND(0.0058)
2-Chloroethylvinylether	ND(0.0054) J	ND(0.0053) J	ND(0.0053)	ND(0.0053) J	ND(0.0057) J	ND(0.0057) J	ND(0.0058) J
2-Hexanone	ND(0.011)	ND(0.010)	ND(0.011) J	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.012)
3-Chloropropene	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)	ND(0.0057)	ND(0.0058)
4-Methyl-2-pentanone	ND(0.011)	ND(0.010)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.012)
Acetone	ND(0.022)	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.023)	ND(0.023)	ND(0.023)
Acetonitrile	ND(0.11)	ND(0.10)	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.12)
Acrolein	ND(0.11) J	ND(0.10) J	ND(0.11) J	ND(0.11) J	ND(0.11) J	ND(0.11) J	ND(0.12) J
Acrylonitrile	ND(0.0054) J	ND(0.0053) J	ND(0.0053)	ND(0.0053) J	ND(0.0057) J	ND(0.0057) J	ND(0.0058) J
Benzene	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)	ND(0.0057)	ND(0.0058)
Bromodichloromethane	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)	ND(0.0057)	ND(0.0058)
Bromoform	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)	ND(0.0057)	ND(0.0058)
Bromomethane	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)	ND(0.0057)	ND(0.0058)
Carbon Disulfide	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)	ND(0.0057)	ND(0.0058)
Carbon Tetrachloride	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)	ND(0.0057)	ND(0.0058)
Chlorobenzene	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)	ND(0.0057)	ND(0.0058)
Chloroethane	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)	ND(0.0057)	ND(0.0058)
Chloroform	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)	ND(0.0057)	ND(0.0058)
Chloromethane	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)	ND(0.0057)	ND(0.0058)
cis-1,3-Dichloropropene	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)	ND(0.0057)	ND(0.0058)
Dibromochloromethane	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)	ND(0.0057)	ND(0.0058)
Dibromomethane	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)	ND(0.0057)	ND(0.0058)
Dichlorodifluoromethane	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)	ND(0.0057)	ND(0.0058)
Ethyl Methacrylate	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)	ND(0.0057)	ND(0.0058)
Ethylbenzene	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)	ND(0.0057)	ND(0.0058)
Iodomethane	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)	ND(0.0057)	ND(0.0058)
Isobutanol	ND(0.11)	ND(0.10)	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.12) J
Methacrylonitrile	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)	ND(0.0057)	ND(0.0058) J
Methyl Methacrylate	ND(0.0054)	ND(0.0053)	ND(0.0053) J	ND(0.0053)	ND(0.0057)	ND(0.0057)	ND(0.0058)
Methylene Chloride	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)	ND(0.0057)	ND(0.0058)
Propionitrile	ND(0.011)	ND(0.010)	ND(0.011) J	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.012)
Styrene	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)	ND(0.0057)	ND(0.0058)
Tetrachloroethene	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)	ND(0.0057)	ND(0.0058)
Toluene	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)	ND(0.0057)	ND(0.0058)
trans-1,2-Dichloroethene	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)	ND(0.0057)	ND(0.0058)
trans-1,3-Dichloropropene	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)	ND(0.0057)	ND(0.0058)
trans-1,4-Dichloro-2-butene	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)	ND(0.0057)	ND(0.0058)
Trichloroethene	0.0039 J	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)	ND(0.0057)	ND(0.0058)
Trichlorofluoromethane	ND(0.0054) J	ND(0.0053) J	ND(0.0053)	ND(0.0053) J	ND(0.0057) J	ND(0.0057) J	ND(0.0058)
Vinyl Acetate	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)	ND(0.0057)	ND(0.0058)
Vinyl Chloride	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)	ND(0.0057)	ND(0.0058)
Xylenes (total)	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)	ND(0.0057)	ND(0.0058)
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
1,2,4-Trichlorobenzene	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
1,2-Dichlorobenzene	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
1,2-Diphenylhydrazine	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
1,3,5-Trinitrobenzene	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
1,3-Dichlorobenzene	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
1,3-Dinitrobenzene	ND(0.72)	ND(0.71)	ND(0.71)	ND(0.71)	ND(0.77)	ND(0.76)	ND(0.78)
1,4-Dichlorobenzene	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
1,4-Naphthoquinone	ND(0.72)	ND(0.71)	ND(0.71)	ND(0.71)	ND(0.77)	ND(0.76)	ND(0.78)
1-Naphthylamine	ND(0.72)	ND(0.71)	ND(0.71)	ND(0.71)	ND(0.77)	ND(0.76)	ND(0.78)
2,3,4,6-Tetrachlorophenol	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-J30 0-1 09/09/02	RAA12-J31 0-1 09/09/02	RAA12-K15 0-1 12/06/02	RAA12-K20 0-1 09/09/02	RAA12-K20 1-3 09/09/02	RAA12-K22 0-1 09/09/02	RAA12-L8 0-1 12/11/02
Semivolatile Organics (continued)							
2,4,5-Trichlorophenol	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
2,4,6-Trichlorophenol	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
2,4-Dichlorophenol	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
2,4-Dimethylphenol	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
2,4-Dinitrophenol	ND(1.8)	ND(1.8)	ND(1.8) J	ND(1.8)	ND(2.0)	ND(1.9)	ND(2.0) J
2,4-Dinitrotoluene	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
2,6-Dichlorophenol	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
2,6-Dinitrotoluene	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
2-Acetylaminofluorene	ND(0.72)	ND(0.71)	ND(0.71) J	ND(0.71)	ND(0.77)	ND(0.76)	ND(0.78)
2-Chloronaphthalene	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
2-Chlorophenol	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
2-Methylnaphthalene	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
2-Methylphenol	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
2-Naphthylamine	ND(0.72)	ND(0.71)	ND(0.71) J	ND(0.71)	ND(0.77)	ND(0.76)	ND(0.78)
2-Nitroaniline	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	ND(2.0)	ND(1.9)	ND(2.0)
2-Nitrophenol	ND(0.72)	ND(0.71)	ND(0.71)	ND(0.71)	ND(0.77)	ND(0.76)	ND(0.78)
2-Picoline	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
3&4-Methylphenol	ND(0.72)	ND(0.71)	ND(0.71)	ND(0.71)	ND(0.77)	ND(0.76)	ND(0.78)
3,3'-Dichlorobenzidine	ND(0.72) J	ND(0.71) J	ND(0.71)	ND(0.71) J	ND(0.77) J	ND(0.76) J	ND(0.78)
3,3'-Dimethylbenzidine	ND(0.36) J	ND(0.35) J	ND(0.36)	ND(0.35) J	ND(0.38) J	ND(0.38) J	ND(0.38)
3-Methylcholanthrene	ND(0.72)	ND(0.71)	ND(0.71)	ND(0.71)	ND(0.77)	ND(0.76)	ND(0.78)
3-Nitroaniline	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	ND(2.0)	ND(1.9)	ND(2.0)
4,6-Dinitro-2-methylphenol	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
4-Aminobiphenyl	ND(0.72) J	ND(0.71) J	ND(0.71)	ND(0.71) J	ND(0.77) J	ND(0.76) J	ND(0.78)
4-Bromophenyl-phenylether	ND(0.36) J	ND(0.35) J	ND(0.36)	ND(0.35) J	ND(0.38) J	ND(0.38) J	ND(0.38) J
4-Chloro-3-Methylphenol	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
4-Chloroaniline	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
4-Chlorobenzilate	ND(0.72) J	ND(0.71) J	ND(0.71)	ND(0.71) J	ND(0.77) J	ND(0.76) J	ND(0.78)
4-Chlorophenyl-phenylether	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
4-Nitroaniline	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	ND(2.0)	ND(1.9)	ND(2.0)
4-Nitrophenol	ND(1.8)	ND(1.8)	ND(1.8) J	ND(1.8)	ND(2.0)	ND(1.9)	ND(2.0) J
4-Nitroquinoline-1-oxide	ND(0.72)	ND(0.71)	ND(0.71) J	ND(0.71)	ND(0.77)	ND(0.76)	ND(0.78)
4-Phenylenediamine	ND(0.72) J	ND(0.71) J	ND(0.71) J	ND(0.71) J	ND(0.77) J	ND(0.76) J	ND(0.78) J
5-Nitro-o-toluidine	ND(0.72)	ND(0.71)	ND(0.71)	ND(0.71)	ND(0.77)	ND(0.76)	ND(0.78)
7,12-Dimethylbenz(a)anthracene	ND(0.72)	ND(0.71)	ND(0.71)	ND(0.71)	ND(0.77)	ND(0.76)	ND(0.78)
a,a'-Dimethylphenethylamine	ND(0.72)	ND(0.71)	ND(0.71)	ND(0.71)	ND(0.77)	ND(0.76)	ND(0.78)
Acenaphthene	ND(0.36)	0.52	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
Acenaphthylene	0.64	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
Acetophenone	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
Aniline	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
Anthracene	0.44	1.2	0.16 J	ND(0.35)	ND(0.38)	0.50	ND(0.38)
Aramite	ND(0.72) J	ND(0.71) J	ND(0.71) J	ND(0.71) J	ND(0.77) J	ND(0.76) J	ND(0.78)
Benzidine	ND(0.72) J	ND(0.71) J	ND(0.71) J	ND(0.71) J	ND(0.77) J	ND(0.76) J	ND(0.78) J
Benzo(a)anthracene	2.7	1.8	0.31 J	ND(0.35)	ND(0.38)	0.34 J	ND(0.38)
Benzo(a)pyrene	1.7	1.2	0.29 J	ND(0.35)	ND(0.38)	0.66	ND(0.38)
Benzo(b)fluoranthene	1.5	1.2	ND(0.36)	ND(0.35)	ND(0.38)	0.26 J	ND(0.38)
Benzo(g,h,i)perylene	1.6	0.94	0.19 J	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
Benzo(k)fluoranthene	1.8	1.4	ND(0.36)	ND(0.35)	ND(0.36)	0.29 J	ND(0.38)
Benzyl Alcohol	ND(0.72)	ND(0.71)	ND(0.71)	ND(0.71)	ND(0.77)	ND(0.76)	ND(0.78)
bis(2-Chloroethoxy)methane	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
bis(2-Chloroethyl)ether	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
bis(2-Chloroisopropyl)ether	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
bis(2-Ethylhexyl)phthalate	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.38)	ND(0.37)	ND(0.38)
Butylbenzylphthalate	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
Chrysene	2.8	1.9	0.22 J	ND(0.35)	ND(0.38)	0.50	ND(0.38) J
Diallate	ND(0.72)	ND(0.71)	ND(0.71) J	ND(0.71)	ND(0.77)	ND(0.76)	ND(0.78)
Dibenzo(a,h)anthracene	0.42	0.35 J	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
Dibenzofuran	ND(0.36)	0.28 J	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
Diethylphthalate	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
Dimethylphthalate	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
Di-n-Butylphthalate	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
Di-n-Octylphthalate	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
Diphenylamine	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
Ethyl Methanesulfonate	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
Fluoranthene	4.3	4.3	0.71	0.12 J	ND(0.38)	0.84	0.18 J

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-J30 0-1 09/09/02	RAA12-J31 0-1 09/09/02	RAA12-K15 0-1 12/06/02	RAA12-K20 0-1 09/09/02	RAA12-K20 1-3 09/09/02	RAA12-K22 0-1 09/09/02	RAA12-L8 0-1 12/11/02
Semivolatile Organics (continued)							
Fluorene	0.14 J	0.56	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
Hexachlorobenzene	ND(0.36) J	ND(0.35) J	ND(0.36)	ND(0.35) J	ND(0.38) J	ND(0.38) J	ND(0.38)
Hexachlorobutadiene	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
Hexachlorocyclopentadiene	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
Hexachloroethane	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38) J
Hexachlorophene	ND(0.72)	ND(0.71)	ND(0.71) J	ND(0.71)	ND(0.77)	ND(0.76)	ND(0.78) J
Hexachloropropene	ND(0.36) J	ND(0.35) J	ND(0.36)	ND(0.35) J	ND(0.38) J	ND(0.38) J	ND(0.38) J
Indeno(1,2,3-cd)pyrene	1.1	0.85	0.17 J	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
Isodrin	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
Isophorone	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
Isosafrole	ND(0.72)	ND(0.71)	ND(0.71)	ND(0.71)	ND(0.77)	ND(0.76)	ND(0.78)
Methapyrilene	ND(0.72) J	ND(0.71) J	ND(0.71) J	ND(0.71) J	ND(0.77) J	ND(0.76) J	ND(0.78)
Methyl Methanesulfonate	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
Naphthalene	ND(0.36)	0.28 J	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
Nitrobenzene	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
N-Nitrosodiethylamine	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38) J
N-Nitrosodimethylamine	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
N-Nitroso-di-n-butylamine	ND(0.72)	ND(0.71)	ND(0.71)	ND(0.71)	ND(0.77)	ND(0.76)	ND(0.78)
N-Nitroso-di-n-propylamine	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
N-Nitrosodiphenylamine	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
N-Nitrosomethylethylamine	ND(0.72)	ND(0.71)	ND(0.71)	ND(0.71)	ND(0.77)	ND(0.76)	ND(0.78)
N-Nitrosomorpholine	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
N-Nitrosopiperidine	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
N-Nitrosopyrrolidine	ND(0.72)	ND(0.71)	ND(0.71)	ND(0.71)	ND(0.77)	ND(0.76)	ND(0.78)
o,o,o-Triethylphosphorothioate	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
o-Toluidine	ND(0.36) J	ND(0.35) J	ND(0.36)	ND(0.35) J	ND(0.38) J	ND(0.38) J	ND(0.38)
p-Dimethylaminoazobenzene	ND(0.72)	ND(0.71)	ND(0.71)	ND(0.71)	ND(0.77)	ND(0.76)	ND(0.78)
Pentachlorobenzene	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
Pentachloroethane	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
Pentachloronitrobenzene	ND(0.72)	ND(0.71)	ND(0.71)	ND(0.71)	ND(0.77)	ND(0.76)	ND(0.78)
Pentachlorophenol	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	ND(2.0)	ND(1.9)	ND(2.0)
Phenacetin	ND(0.72)	ND(0.71)	ND(0.71) J	ND(0.71)	ND(0.77)	ND(0.76)	ND(0.78)
Phenanthrene	0.90	4.2	0.63	ND(0.35)	ND(0.38)	0.41	0.095 J
Phenol	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
Pronamide	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
Pyrene	6.7	4.5	0.68	0.084 J	ND(0.38)	0.78	0.21 J
Pyridine	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38)
Safrole	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.38) J
Thionazin	ND(0.36) J	ND(0.35) J	ND(0.36)	ND(0.35) J	ND(0.38) J	ND(0.38) J	ND(0.38)
Organochlorine Pesticides							
4,4'-DDD	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA	NA	NA
Alpha-BHC	NA	NA	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	NA	NA	NA	NA	NA	NA	NA
Endrin	NA	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA	NA	NA	NA
Endrin Ketone	NA	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	NA	NA	NA	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA	NA	NA
Kepone	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA	NA	NA	NA

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

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

Sample ID:	RAA12-J30	RAA12-J31	RAA12-K15	RAA12-K20	RAA12-K20	RAA12-K22	RAA12-L8
Sample Depth(Feet):	0-1	0-1	0-1	0-1	1-3	0-1	0-1
Parameter Date Collected:	09/09/02	09/09/02	12/06/02	09/09/02	09/09/02	09/09/02	12/11/02
Organophosphate Pesticides							
Dimethoate	NA	NA	NA	NA	NA	NA	NA
Disulfoton	NA	NA	NA	NA	NA	NA	NA
Ethyl Parathion	NA	NA	NA	NA	NA	NA	NA
Famphur	NA	NA	NA	NA	NA	NA	NA
Methyl Parathion	NA	NA	NA	NA	NA	NA	NA
Phorate	NA	NA	NA	NA	NA	NA	NA
Sulfotep	NA	NA	NA	NA	NA	NA	NA
Herbicides							
2,4,5-T	NA	NA	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA	NA	NA	NA
Dinoseb	NA	NA	NA	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF	0.000045 Y	0.00028 YQ	0.0000029 J	0.000011 Y	ND(0.00000010)	0.000014 YI	0.00000087 J
TCDFs (total)	0.00061	0.0034	0.000027	0.000093	ND(0.00000010)	0.00013	0.0000015
1,2,3,7,8-PeCDF	0.000089	0.00020 I	0.0000014 J	0.0000038	ND(0.00000026)	0.0000048	ND(0.00000068) X
2,3,4,7,8-PeCDF	0.00010	0.00064	0.0000054 J	0.0000059	ND(0.00000026)	0.0000062	0.00000086 J
PeCDFs (total)	0.00080 Q	0.0050 QI	0.000064	0.000064	ND(0.00000026)	0.000072 Q	0.0000069
1,2,3,4,7,8-HxCDF	0.00019	0.0013	0.0000022 J	0.0000049	ND(0.00000026)	0.0000066	ND(0.0000018)
1,2,3,6,7,8-HxCDF	0.000079	0.00056	ND(0.0000026) X	0.0000030	ND(0.00000026)	0.0000035	ND(0.00000053) X
1,2,3,7,8,9-HxCDF	0.000059	0.00032	ND(0.0000026)	ND(0.00000063) X	ND(0.00000026)	0.00000074 J	ND(0.0000018)
2,3,4,6,7,8-HxCDF	0.000031	0.00038	0.0000050 J	0.0000030	ND(0.00000026)	0.0000027 J	ND(0.00000064) X
HxCDFs (total)	0.00070	0.0066	0.000064	0.000046	ND(0.00000026)	0.000043	0.0000062
1,2,3,4,6,7,8-HpCDF	0.000053	0.00040	0.000024 J	0.0000092	ND(0.000000089) X	0.0000088	0.0000030 J
1,2,3,4,7,8,9-HpCDF	0.000034	0.00017	ND(0.0000013) X	0.0000011 J	ND(0.00000026)	0.0000012 J	ND(0.0000018)
HpCDFs (total)	0.00014	0.0011	0.000070	0.000019	ND(0.00000026)	0.000016	0.0000077
OCDF	0.000023 J	0.00022	0.000064	0.000012	ND(0.00000052)	0.0000096	0.0000071 J
Dioxins							
2,3,7,8-TCDD	ND(0.0000020)	ND(0.0000025)	ND(0.0000011)	ND(0.00000013)	ND(0.00000014)	ND(0.00000031) X	ND(0.00000071)
TCDDs (total)	0.000076	0.000062	ND(0.0000032)	0.0000028	ND(0.00000034)	0.0000040	ND(0.0000024)
1,2,3,7,8-PeCDD	ND(0.0000079) X	ND(0.000012) X	ND(0.0000012) X	0.00000034 J	ND(0.00000026)	0.00000028 J	ND(0.0000018)
PeCDDs (total)	0.000092 Q	0.00012 Q	0.00000055	0.0000030	ND(0.00000038)	0.0000031 Q	ND(0.0000033)
1,2,3,4,7,8-HxCDD	0.0000058 J	0.0000077 J	0.0000020 J	0.00000042 J	ND(0.00000026)	0.00000031 J	ND(0.0000018)
1,2,3,6,7,8-HxCDD	0.000010 J	0.000011 J	0.0000050 J	0.00000089 J	ND(0.00000026)	0.00000050 J	ND(0.0000018)
1,2,3,7,8,9-HxCDD	0.000010 J	0.0000076 J	0.0000025 J	0.00000073 J	ND(0.00000026)	ND(0.00000041) X	ND(0.0000018)
HxCDDs (total)	0.00024	0.00015	0.000016	0.0000054	ND(0.00000060)	0.0000032	0.0000011
1,2,3,4,6,7,8-HpCDD	0.000041	0.00012	0.000094	0.000013	ND(0.00000020)	0.000010	0.000013 J
HpCDDs (total)	0.000086	0.00028	0.00025	0.000032	ND(0.00000032)	0.000020	0.000022
OCDD	0.000084	0.00076	0.00072	0.00011	ND(0.0000011)	0.00013	0.000074
Total TEQs (WHO TEFs)	0.00010	0.00063	0.0000074	0.0000062	0.00000037	0.0000068	0.0000025
Inorganics							
Antimony	ND(6.00)	0.880 B	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00) J
Arsenic	11.0	13.0	3.90	5.10	12.0	4.00	4.50 J
Barium	69.0	50.0	73.0	27.0	49.0	36.0	32.0 J
Beryllium	0.330 J	0.240 J	0.750	0.180 J	0.320 J	0.140 J	ND(0.50)
Cadmium	0.680 J	0.940 J	0.140 B	0.500 J	0.590 J	0.380 J	0.470 B
Chromium	12.0	15.0	8.60	14.0	8.40	17.0	10.0
Cobalt	5.80	5.60	7.40	7.70	13.0	3.80 B	5.30
Copper	52.0	93.0	7.80	17.0	29.0	13.0	23.0 J
Cyanide	ND(0.110)	0.170	ND(0.110)	ND(0.110)	ND(0.110)	0.130	ND(0.230)
Lead	79.0	88.0	9.40	21.0	10.0	45.0	37.0
Mercury	8.90	0.810	0.0430 B	0.0720 B	0.0300 B	0.200	0.100 B
Nickel	14.0	17.0	11.0	13.0	17.0	6.70	11.0 J
Selenium	0.630 J	0.560 J	ND(1.00) J	ND(1.00) J	ND(1.00) J	ND(1.00) J	ND(1.00) J
Silver	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide	90.0	42.0	17.0	ND(5.30)	ND(5.70)	11.0	32.0 J
Thallium	ND(1.10) J	ND(1.00) J	ND(1.10)	ND(1.10) J	ND(1.10) J	ND(1.10) J	ND(1.20)
Tin	240	17.0	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)
Vanadium	12.0	16.0	13.0	7.80	7.40	7.60	9.50
Zinc	51.0	82.0	40.0	48.0	45.0	59.0	54.0

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

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

Sample ID:	RAA12-L10	RAA12-L10	RAA12-L12	RAA12-L12	RAA12-L14	RAA12-L16
Sample Depth(Feet):	0-1	3-6	0-1	1-3	0-1	0-1
Parameter Date Collected:	12/11/02	12/11/02	12/11/02	12/11/02	12/04/02	09/11/02
Volatile Organics						
1,1,1,2-Tetrachloroethane	ND(0.0054) [ND(0.0054)]	ND(0.0063)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0054)
1,1,1-Trichloroethane	ND(0.0054) [ND(0.0054)]	ND(0.0063)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0054)
1,1,2,2-Tetrachloroethane	ND(0.0054) [ND(0.0054)]	ND(0.0063)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0054) J
1,1,2-Trichloroethane	ND(0.0054) [ND(0.0054)]	ND(0.0063)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0054)
1,1-Dichloroethane	ND(0.0054) [ND(0.0054)]	ND(0.0063)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0054)
1,1-Dichloroethene	ND(0.0054) [ND(0.0054)]	ND(0.0063)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0054)
1,2,3-Trichloropropane	ND(0.0054) [ND(0.0054)]	ND(0.0063)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0054) J
1,2-Dibromo-3-chloropropane	ND(0.0054) [ND(0.0054)]	ND(0.0063)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0054) J
1,2-Dibromoethane	ND(0.0054) [ND(0.0054)]	ND(0.0063)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0054)
1,2-Dichloroethane	ND(0.0054) [ND(0.0054)]	ND(0.0063)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0054)
1,2-Dichloropropane	ND(0.0054) [ND(0.0054)]	ND(0.0063)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0054)
1,4-Dioxane	ND(0.11) J [ND(0.11) J]	ND(0.13) J	ND(0.11) J	ND(0.10) J	ND(0.11)	ND(0.11) J
2-Butanone	ND(0.011) [ND(0.011)]	ND(0.013)	ND(0.011)	ND(0.010)	ND(0.011)	ND(0.011)
2-Chloro-1,3-butadiene	ND(0.0054) [ND(0.0054)]	ND(0.0063)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0054)
2-Chloroethylvinylether	ND(0.0054) J [ND(0.0054) J]	ND(0.0063) J	ND(0.0054) J	ND(0.0053) J	ND(0.0055)	ND(0.0054)
2-Hexanone	ND(0.011) [ND(0.011)]	ND(0.013)	ND(0.011)	ND(0.010)	ND(0.011)	ND(0.011)
3-Chloropropene	ND(0.0054) [ND(0.0054)]	ND(0.0063)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0054)
4-Methyl-2-pentanone	ND(0.011) [ND(0.011)]	ND(0.013)	ND(0.011)	ND(0.010)	ND(0.011)	ND(0.011)
Acetone	ND(0.022) [ND(0.022)]	ND(0.025)	ND(0.022)	ND(0.021)	ND(0.022)	ND(0.022)
Acetonitrile	ND(0.11) [ND(0.11)]	ND(0.13)	ND(0.11)	ND(0.10)	ND(0.11)	ND(0.11)
Acrolein	ND(0.11) J [ND(0.11) J]	ND(0.13) J	ND(0.11) J	ND(0.10) J	ND(0.11) J	ND(0.11) J
Acrylonitrile	ND(0.0054) J [ND(0.0054) J]	ND(0.0063) J	ND(0.0054) J	ND(0.0053) J	ND(0.0055) J	ND(0.0054) J
Benzene	ND(0.0054) [ND(0.0054)]	ND(0.0063)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0054)
Bromodichloromethane	ND(0.0054) [ND(0.0054)]	ND(0.0063)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0054)
Bromoform	ND(0.0054) [ND(0.0054)]	ND(0.0063)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0054)
Bromomethane	ND(0.0054) [ND(0.0054)]	ND(0.0063)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0054)
Carbon Disulfide	ND(0.0054) [ND(0.0054)]	ND(0.0063)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0054)
Carbon Tetrachloride	ND(0.0054) [ND(0.0054)]	ND(0.0063)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0054)
Chlorobenzene	ND(0.0054) [ND(0.0054)]	ND(0.0063)	0.0062	ND(0.0053)	ND(0.0055)	ND(0.0054)
Chloroethane	ND(0.0054) [ND(0.0054)]	ND(0.0063)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0054)
Chloroform	ND(0.0054) [ND(0.0054)]	ND(0.0063)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0054)
Chloromethane	ND(0.0054) [ND(0.0054)]	ND(0.0063)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0054)
cis-1,3-Dichloropropene	ND(0.0054) [ND(0.0054)]	ND(0.0063)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0054)
Dibromochloromethane	ND(0.0054) [ND(0.0054)]	ND(0.0063)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0054)
Dibromomethane	ND(0.0054) [ND(0.0054)]	ND(0.0063)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0054)
Dichlorodifluoromethane	ND(0.0054) [ND(0.0054)]	ND(0.0063)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0054)
Ethyl Methacrylate	ND(0.0054) [ND(0.0054)]	ND(0.0063)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0054)
Ethylbenzene	ND(0.0054) [ND(0.0054)]	ND(0.0063)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0054)
Iodomethane	ND(0.0054) [ND(0.0054)]	ND(0.0063)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0054)
Isobutanol	ND(0.11) J [ND(0.11) J]	ND(0.13) J	ND(0.11) J	ND(0.10) J	ND(0.11)	ND(0.11)
Methacrylonitrile	ND(0.0054) J [ND(0.0054) J]	ND(0.0063) J	ND(0.0054) J	ND(0.0053) J	ND(0.0055)	ND(0.0054)
Methyl Methacrylate	ND(0.0054) [ND(0.0054)]	ND(0.0063)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0054)
Methylene Chloride	ND(0.0054) [ND(0.0054)]	ND(0.0063)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0054)
Propionitrile	ND(0.011) [ND(0.011)]	ND(0.013)	ND(0.011)	ND(0.010)	ND(0.011)	ND(0.011)
Styrene	ND(0.0054) [ND(0.0054)]	ND(0.0063)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0054)
Tetrachloroethene	ND(0.0054) [ND(0.0054)]	ND(0.0063)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0054)
Toluene	ND(0.0054) [ND(0.0054)]	ND(0.0063)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0054)
trans-1,2-Dichloroethene	ND(0.0054) [ND(0.0054)]	ND(0.0063)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0054)
trans-1,3-Dichloropropene	ND(0.0054) [ND(0.0054)]	ND(0.0063)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0054)
trans-1,4-Dichloro-2-butene	ND(0.0054) J [ND(0.0054) J]	ND(0.0063)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0054) J
Trichloroethene	ND(0.0054) [ND(0.0054)]	ND(0.0063)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0054)
Trichlorofluoromethane	ND(0.0054) [ND(0.0054)]	ND(0.0063)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0054) J
Vinyl Acetate	ND(0.0054) [ND(0.0054)]	ND(0.0063)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0054)
Vinyl Chloride	ND(0.0054) [ND(0.0054)]	ND(0.0063)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0054)
Xylenes (total)	ND(0.0054) [ND(0.0054)]	ND(0.0063)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0054)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
1,2,4-Trichlorobenzene	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
1,2-Dichlorobenzene	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
1,2-Diphenylhydrazine	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
1,3,5-Trinitrobenzene	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
1,3-Dichlorobenzene	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
1,3-Dinitrobenzene	ND(0.72) [ND(0.73)]	ND(0.85)	ND(0.72)	ND(0.70)	ND(0.74)	ND(0.72)
1,4-Dichlorobenzene	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
1,4-Naphthoquinone	ND(0.72) [ND(0.73)]	ND(0.85)	ND(0.72)	ND(0.70)	ND(0.74)	ND(0.72)
1-Naphthylamine	ND(0.72) [ND(0.73)]	ND(0.85)	ND(0.72)	ND(0.70)	ND(0.74)	ND(0.72)
2,3,4,6-Tetrachlorophenol	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-L10 0-1 12/11/02	RAA12-L10 3-6 12/11/02	RAA12-L12 0-1 12/11/02	RAA12-L12 1-3 12/11/02	RAA12-L14 0-1 12/04/02	RAA12-L16 0-1 09/11/02
Semivolatile Organics (continued)						
2,4,5-Trichlorophenol	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
2,4,6-Trichlorophenol	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
2,4-Dichlorophenol	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
2,4-Dimethylphenol	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
2,4-Dinitrophenol	ND(2.3) J [ND(3.4) J]	ND(2.3) J	ND(3.2) J	ND(1.8) J	ND(1.9) J	ND(1.8)
2,4-Dinitrotoluene	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
2,6-Dichlorophenol	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
2,6-Dinitrotoluene	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
2-Acetylaminofluorene	ND(0.72) [ND(0.73)]	ND(0.85)	ND(0.72)	ND(0.70)	ND(0.74)	ND(0.72)
2-Chloronaphthalene	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
2-Chlorophenol	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
2-Methylnaphthalene	0.10 J [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
2-Methylphenol	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
2-Naphthylamine	ND(0.72) [ND(0.73)]	ND(0.85)	ND(0.72)	ND(0.70)	ND(0.74)	ND(0.72)
2-Nitroaniline	ND(2.3) [ND(3.4)]	ND(2.3)	ND(3.2)	ND(1.8)	ND(1.9)	ND(1.8) J
2-Nitrophenol	ND(0.72) [ND(0.73)]	ND(0.85)	ND(0.72)	ND(0.70)	ND(0.74)	ND(0.72)
2-Picoline	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
3&4-Methylphenol	ND(0.72) [ND(0.73)]	ND(0.85)	ND(0.72)	ND(0.70)	ND(0.74)	ND(0.72)
3,3'-Dichlorobenzidine	ND(0.94) [ND(1.4)]	ND(0.93)	ND(1.3)	ND(0.70)	ND(0.74)	ND(0.72) J
3,3'-Dimethylbenzidine	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36) J
3-Methylcholanthrene	ND(0.72) [ND(0.73)]	ND(0.85)	ND(0.72)	ND(0.70)	ND(0.74)	ND(0.72)
3-Nitroaniline	ND(2.3) [ND(3.4)]	ND(2.3)	ND(3.2)	ND(1.8)	ND(1.9)	ND(1.8)
4,6-Dinitro-2-methylphenol	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36) J
4-Aminobiphenyl	ND(0.72) [ND(0.73)]	ND(0.85)	ND(0.72)	ND(0.70)	ND(0.74)	ND(0.72) J
4-Bromophenyl-phenylether	ND(0.47) J [ND(0.69) J]	ND(0.46) J	ND(0.64) J	ND(0.35) J	ND(0.37)	ND(0.36)
4-Chloro-3-Methylphenol	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
4-Chloroaniline	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
4-Chlorobenzilate	ND(0.72) [ND(0.73)]	ND(0.85)	ND(0.72)	ND(0.70)	ND(0.74)	ND(0.72)
4-Chlorophenyl-phenylether	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
4-Nitroaniline	ND(1.8) [ND(1.8)]	ND(2.2)	ND(1.8)	ND(1.8)	ND(1.9)	ND(1.8)
4-Nitrophenol	ND(2.3) J [ND(3.4) J]	ND(2.3) J	ND(3.2) J	ND(1.8) J	ND(1.9) J	ND(1.8)
4-Nitroquinoline-1-oxide	ND(0.72) [ND(0.73)]	ND(0.85)	ND(0.72)	ND(0.70)	ND(0.74)	ND(0.72)
4-Phenylenediamine	ND(0.72) J [ND(0.73) J]	ND(0.85) J	ND(0.72) J	ND(0.70) J	ND(0.74) J	ND(0.72) J
5-Nitro-o-toluidine	ND(0.72) [ND(0.73)]	ND(0.85)	ND(0.72)	ND(0.70)	ND(0.74)	ND(0.72)
7,12-Dimethylbenz(a)anthracene	ND(0.72) [ND(0.73)]	ND(0.85)	ND(0.72)	ND(0.70)	ND(0.74)	ND(0.72)
a,a'-Dimethylphenethylamine	ND(0.72) [ND(0.73)]	ND(0.85)	ND(0.72)	ND(0.70)	ND(0.74)	ND(0.72)
Acenaphthene	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
Acenaphthylene	0.15 J [0.36 J]	ND(0.46)	ND(0.64)	0.38	ND(0.37)	ND(0.36)
Acetophenone	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
Aniline	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
Anthracene	ND(0.47) [ND(0.69)]	ND(0.46)	0.39 J	ND(0.35)	ND(0.37)	0.11 J
Aramite	ND(0.72) [ND(0.73)]	ND(0.85)	ND(0.72)	ND(0.70)	ND(0.74) J	ND(0.72) J
Benzidine	ND(0.94) J [ND(1.4) J]	ND(0.93) J	ND(1.3) J	ND(0.70) J	ND(0.74) J	ND(0.72) J
Benzo(a)anthracene	0.17 J [0.32 J]	ND(0.46)	0.79	ND(0.35)	ND(0.37)	0.35 J
Benzo(a)pyrene	0.18 J [0.35 J]	ND(0.46)	0.74	ND(0.35)	ND(0.37)	0.31 J
Benzo(b)fluoranthene	0.22 J [ND(0.69)]	ND(0.46)	0.78	ND(0.35)	ND(0.37)	0.22 J
Benzo(g,h,i)perylene	ND(0.47) [0.33 J]	ND(0.46)	0.48 J	ND(0.35)	ND(0.37)	0.17 J
Benzo(k)fluoranthene	ND(0.47) [ND(0.69)]	ND(0.46)	0.33 J	ND(0.35)	ND(0.37)	0.27 J
Benzyl Alcohol	ND(0.94) [ND(1.4)]	ND(0.93)	ND(1.3)	ND(0.70)	ND(0.74)	ND(0.72)
bis(2-Chloroethoxy)methane	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
bis(2-Chloroethyl)ether	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
bis(2-Chloroisopropyl)ether	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
bis(2-Ethylhexyl)phthalate	ND(0.36) [ND(0.36)]	ND(0.42)	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.36)
Butylbenzylphthalate	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
Chrysene	0.21 J [0.36 J]	ND(0.46) J	0.76 J	ND(0.35) J	ND(0.37)	0.40
Diallate	ND(0.72) [ND(0.73)]	ND(0.85)	ND(0.72)	ND(0.70)	ND(0.74) J	ND(0.72)
Dibenzo(a,h)anthracene	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
Dibenzofuran	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
Diethylphthalate	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
Dimethylphthalate	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
Di-n-Butylphthalate	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
Di-n-Octylphthalate	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
Diphenylamine	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
Ethyl Methanesulfonate	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
Fluoranthene	0.22 J [0.38 J]	ND(0.46)	1.8	ND(0.35)	ND(0.37)	0.74

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

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

Sample ID:	RAA12-L10	RAA12-L10	RAA12-L12	RAA12-L12	RAA12-L14	RAA12-L16
Sample Depth(Feet):	0-1	3-6	0-1	1-3	0-1	0-1
Parameter Date Collected:	12/11/02	12/11/02	12/11/02	12/11/02	12/04/02	09/11/02
Semivolatile Organics (continued)						
Fluorene	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
Hexachlorobenzene	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
Hexachlorobutadiene	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
Hexachlorocyclopentadiene	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
Hexachloroethane	ND(0.47) J [ND(0.69) J]	ND(0.46) J	ND(0.64) J	ND(0.35) J	ND(0.37)	ND(0.36)
Hexachlorophene	ND(0.94) J [ND(1.4) J]	ND(0.93) J	ND(1.3) J	ND(0.70) J	ND(0.74) J	ND(0.72)
Hexachloropropene	ND(0.47) J [ND(0.69) J]	ND(0.46) J	ND(0.64) J	ND(0.35) J	ND(0.37)	ND(0.36) J
Indeno(1,2,3-cd)pyrene	ND(0.47) [0.27 J]	ND(0.46)	0.45 J	ND(0.35)	ND(0.37)	0.18 J
Isodrin	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
Isophorone	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
Isosafrole	ND(0.72) [ND(0.73)]	ND(0.85)	ND(0.72)	ND(0.70)	ND(0.74)	ND(0.72)
Methapyrilene	ND(0.72) [ND(0.73)]	ND(0.85)	ND(0.72)	ND(0.70)	ND(0.74)	ND(0.72) J
Methyl Methanesulfonate	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
Naphthalene	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
Nitrobenzene	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
N-Nitrosodiethylamine	ND(0.47) J [ND(0.69) J]	ND(0.46) J	ND(0.64) J	ND(0.35) J	ND(0.37)	ND(0.36)
N-Nitrosodimethylamine	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
N-Nitroso-di-n-butylamine	ND(0.72) [ND(0.73)]	ND(0.85)	ND(0.72)	ND(0.70)	ND(0.74)	ND(0.72)
N-Nitroso-di-n-propylamine	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
N-Nitrosodiphenylamine	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
N-Nitrosomethylethylamine	ND(0.72) [ND(0.73)]	ND(0.85)	ND(0.72)	ND(0.70)	ND(0.74)	ND(0.72)
N-Nitrosomorpholine	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
N-Nitrosopiperidine	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
N-Nitrosopyrrolidine	ND(0.72) [ND(0.73)]	ND(0.85)	ND(0.72)	ND(0.70)	ND(0.74)	ND(0.72)
o,o,o-Triethylphosphorothioate	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
o-Toluidine	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
p-Dimethylaminoazobenzene	ND(0.72) [ND(0.73)]	ND(0.85)	ND(0.72)	ND(0.70)	ND(0.74)	ND(0.72)
Pentachlorobenzene	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
Pentachloroethane	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
Pentachloronitrobenzene	ND(0.72) [ND(0.73)]	ND(0.85)	ND(0.72)	ND(0.70)	ND(0.74)	ND(0.72)
Pentachlorophenol	ND(2.3) [ND(3.4)]	ND(2.3)	ND(3.2)	ND(1.8)	ND(1.9)	ND(1.8)
Phenacetin	ND(0.72) [ND(0.73)]	ND(0.85)	ND(0.72)	ND(0.70)	ND(0.74)	ND(0.72)
Phenanthrene	0.19 J [0.25 J]	ND(0.46)	1.3	ND(0.35)	ND(0.37)	0.45
Phenol	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
Pronamide	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
Pyrene	0.32 J [0.50 J]	ND(0.46)	1.7	ND(0.35)	ND(0.37)	0.68
Pyridine	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36)
Safrole	ND(0.47) J [ND(0.69) J]	ND(0.46) J	ND(0.64) J	ND(0.35) J	ND(0.37)	ND(0.36)
Thionazin	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)	ND(0.35)	ND(0.37)	ND(0.36) J
Organochlorine Pesticides						
4,4'-DDD	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA	NA
Alpha-BHC	NA	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	NA	NA	NA	NA	NA	NA
Endrin	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA	NA	NA
Endrin Ketone	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	NA	NA	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA	NA
Kepone	NA	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA	NA	NA

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

Sample ID:	RAA12-L10	RAA12-L10	RAA12-L12	RAA12-L12	RAA12-L14	RAA12-L16
Sample Depth(Feet):	0-1	3-6	0-1	1-3	0-1	0-1
Parameter Date Collected:	12/11/02	12/11/02	12/11/02	12/11/02	12/04/02	09/11/02
Organophosphate Pesticides						
Dimethoate	NA	NA	NA	NA	NA	NA
Disulfoton	NA	NA	NA	NA	NA	NA
Ethyl Parathion	NA	NA	NA	NA	NA	NA
Famphur	NA	NA	NA	NA	NA	NA
Methyl Parathion	NA	NA	NA	NA	NA	NA
Phorate	NA	NA	NA	NA	NA	NA
Sulfotep	NA	NA	NA	NA	NA	NA
Herbicides						
2,4,5-T	NA	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA	NA	NA
Dinoseb	NA	NA	NA	NA	NA	NA
Furans						
2,3,7,8-TCDF	0.0000067 J [0.0000044 J]	0.00000087 J	0.0000053 J	ND(0.0000011)	0.0000020 J	0.0000043 J
TCDFs (total)	0.000066 [0.000044]	0.0000090	0.000047	ND(0.0000011)	0.000042	0.000019
1,2,3,7,8-PeCDF	0.0000028 J [0.0000021 J]	ND(0.00000046) X	0.0000021 J	ND(0.00000078) X	0.0000014 J	0.0000014 J
2,3,4,7,8-PeCDF	0.000012 J [0.000012 J]	0.00000076 J	0.000011 J	0.0000014 J	0.000012 J	ND(0.0000025) X
PeCDFs (total)	0.00011 [0.00012]	0.0000053	0.00012	0.0000085	0.00012	0.000021
1,2,3,4,7,8-HxCDF	0.0000056 J [0.0000026 J]	0.00000084 J	0.0000036 J	ND(0.00000052) X	ND(0.0000020) X	0.0000017 J
1,2,3,6,7,8-HxCDF	0.0000041 J [0.0000033 J]	ND(0.00000077) X	0.0000039 J	ND(0.00000071) X	0.0000031 J	0.0000014 J
1,2,3,7,8,9-HxCDF	ND(0.0000027) [ND(0.0000010) X]	ND(0.00000022) X	ND(0.0000031)	ND(0.0000021)	ND(0.0000022)	ND(0.0000021)
2,3,4,6,7,8-HxCDF	0.0000065 J [0.0000052 J]	0.00000091 J	0.0000072 J	0.00000061 J	0.0000054 J	ND(0.0000021)
HxCDFs (total)	0.000077 [0.000068]	0.0000054	0.000088	0.0000042	0.000062	0.000016
1,2,3,4,6,7,8-HpCDF	0.0000060 J [0.0000038 J]	0.0000026 J	0.000011 J	0.0000013 J	0.0000054 J	0.0000051 J
1,2,3,4,7,8,9-HpCDF	ND(0.0000023) [ND(0.0000022)]	ND(0.00000057)	ND(0.00000097) X	ND(0.0000021)	ND(0.0000022)	ND(0.0000021)
HpCDFs (total)	0.000011 [0.0000072]	0.0000026	0.000011	0.0000028	0.000012	0.0000051
OCDF	0.0000037 J [0.0000028 J]	0.0000014 J	0.000016 J	0.0000010 J	0.0000064 J	0.0000040 J
Dioxins						
2,3,7,8-TCDD	ND(0.0000011) [ND(0.00000090)]	ND(0.00000030)	ND(0.00000093)	ND(0.0000010)	ND(0.00000088)	ND(0.0000015)
TCDDs (total)	ND(0.0000027) [ND(0.0000026)]	ND(0.00000064)	ND(0.0000027)	ND(0.0000025)	ND(0.0000028)	ND(0.0000020)
1,2,3,7,8-PeCDD	ND(0.0000023) [ND(0.0000022)]	ND(0.00000057)	ND(0.0000011) X	ND(0.0000021)	ND(0.00000085) X	ND(0.0000021)
PeCDDs (total)	ND(0.0000044) [ND(0.0000040)]	0.00000047	ND(0.0000052)	ND(0.0000036)	ND(0.0000046)	ND(0.0000035)
1,2,3,4,7,8-HxCDD	ND(0.0000031) [ND(0.0000022)]	ND(0.00000057)	ND(0.0000024)	ND(0.0000023)	ND(0.0000022)	ND(0.0000023)
1,2,3,6,7,8-HxCDD	ND(0.0000028) [ND(0.0000022)]	ND(0.00000057)	ND(0.0000023)	ND(0.0000021)	ND(0.0000016) X	ND(0.0000021)
1,2,3,7,8,9-HxCDD	ND(0.0000029) [ND(0.0000022)]	ND(0.00000057)	ND(0.0000023)	ND(0.0000021)	0.0000013 J	ND(0.0000021)
HxCDDs (total)	ND(0.0000038) [ND(0.0000022)]	ND(0.00000057)	0.0000078	ND(0.0000042)	0.0000042	ND(0.0000022)
1,2,3,4,6,7,8-HpCDD	0.0000033 J [0.0000038 J]	0.0000012 J	0.000028	0.0000033 J	0.000016 J	0.0000054 J
HpCDDs (total)	0.0000062 [0.0000038]	0.0000022	0.000052	0.0000055	0.000032	0.0000085
OCDD	0.000017 J [0.000017 J]	ND(0.0000039)	0.00023	0.000018 J	0.00014	ND(0.000019)
Total TEQs (WHO TEFs)	0.000011 [0.0000097]	0.0000013	0.0000095	0.0000029	0.0000088	0.0000039
Inorganics						
Antimony	ND(6.00) J [ND(6.00) J]	ND(6.00) J	ND(6.00) J	ND(6.00) J	ND(6.00)	ND(6.00)
Arsenic	4.80 J [3.80 J]	3.50 J	3.70 J	4.50 J	7.70 J	7.10
Barium	150 J [31.0 J]	46.0 J	28.0 J	26.0 J	27.0 J	59.0
Beryllium	ND(0.50) [ND(0.50)]	ND(0.530)	ND(0.50)	ND(0.50)	ND(0.50)	0.230 B
Cadmium	0.550 [0.460 B]	0.320 B	0.520	0.380 B	1.10	0.130 B
Chromium	7.60 [7.40]	9.10	5.60	6.80	14.0 J	8.40
Cobalt	8.90 [5.50]	7.80	5.30	8.20	11.0	7.40
Copper	31.0 J [26.0 J]	51.0 J	18.0 J	21.0 J	43.0	31.0
Cyanide	ND(0.220) [ND(0.220)]	ND(0.250)	ND(0.110)	ND(0.100)	ND(0.110)	ND(0.110)
Lead	100 [68.0]	200	47.0	12.0	76.0 J	180
Mercury	0.680 [0.520]	4.70	0.0850 B	0.0590 B	0.0460 B	0.360 B
Nickel	13.0 J [9.40 J]	12.0 J	9.10 J	12.0 J	18.0	13.0
Selenium	ND(1.00) J [ND(1.00) J]	ND(1.00) J	ND(1.00) J	ND(1.00) J	ND(1.00) J	ND(1.00)
Silver	ND(1.00) [ND(1.00)]	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide	22.0 J [27.0 J]	25.0 J	28.0 J	29.0 J	24.0	24.0
Thallium	ND(1.10) [ND(1.10)]	ND(1.30)	ND(1.10)	ND(1.00)	ND(1.10) J	ND(1.10) J
Tin	6.90 B [5.70 B]	7.90 B	ND(10.0)	ND(10.0)	4.90 B	ND(14.0)
Vanadium	9.70 [10.0]	10.0	12.0	4.80 B	16.0	11.0
Zinc	68.0 [62.0]	86.0	42.0	33.0	69.0 J	85.0

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-L16 3-4 09/11/02	RAA12-L16 3-6 09/11/02	RAA12-L18 0-1 09/11/02	RAA12-L18 1-3 09/11/02	RAA12-L18 6-8 09/11/02	RAA12-L18 6-10 09/11/02	RAA12-L22 0-1 09/20/02
Volatile Organics							
1,1,1,2-Tetrachloroethane	ND(0.0058)	NA	ND(0.0053)	ND(0.0061) J	ND(0.0075)	NA	ND(0.0053)
1,1,1-Trichloroethane	ND(0.0058)	NA	ND(0.0053)	R	ND(0.0075)	NA	ND(0.0053)
1,1,2,2-Tetrachloroethane	ND(0.0058)	NA	ND(0.0053)	R	ND(0.0075)	NA	ND(0.0053)
1,1,2-Trichloroethane	ND(0.0058)	NA	ND(0.0053)	ND(0.0061) J	ND(0.0075)	NA	ND(0.0053)
1,1-Dichloroethane	ND(0.0058)	NA	ND(0.0053)	R	ND(0.0075)	NA	ND(0.0053)
1,1-Dichloroethene	ND(0.0058)	NA	ND(0.0053)	R	ND(0.0075)	NA	ND(0.0053)
1,2,3-Trichloropropane	ND(0.0058)	NA	ND(0.0053)	R	ND(0.0075)	NA	ND(0.0053)
1,2-Dibromo-3-chloropropane	ND(0.0058)	NA	ND(0.0053)	R	ND(0.0075)	NA	ND(0.0053)
1,2-Dibromoethane	ND(0.0058)	NA	ND(0.0053)	ND(0.0061) J	ND(0.0075)	NA	ND(0.0053)
1,2-Dichloroethane	ND(0.0058)	NA	ND(0.0053)	R	ND(0.0075)	NA	ND(0.0053)
1,2-Dichloropropane	ND(0.0058)	NA	ND(0.0053)	R	ND(0.0075)	NA	ND(0.0053)
1,4-Dioxane	ND(0.12) J	NA	ND(0.11) J	R	ND(0.15) J	NA	ND(0.11) J
2-Butanone	ND(0.012)	NA	ND(0.011)	R	ND(0.015)	NA	ND(0.011)
2-Chloro-1,3-butadiene	ND(0.0058)	NA	ND(0.0053)	R	ND(0.0075)	NA	ND(0.0053)
2-Chloroethylvinylether	ND(0.0058)	NA	ND(0.0053)	R	ND(0.0075)	NA	ND(0.0053) J
2-Hexanone	ND(0.012)	NA	ND(0.011)	ND(0.012) J	ND(0.015)	NA	ND(0.011)
3-Chloropropene	ND(0.0058)	NA	ND(0.0053)	R	ND(0.0075)	NA	ND(0.0053)
4-Methyl-2-pentanone	ND(0.012)	NA	ND(0.011)	R	ND(0.015)	NA	ND(0.011)
Acetone	ND(0.023)	NA	ND(0.021)	R	0.019 J	NA	ND(0.021)
Acetonitrile	ND(0.12)	NA	ND(0.11)	R	ND(0.15)	NA	ND(0.11)
Acrolein	ND(0.12) J	NA	ND(0.11) J	R	ND(0.15) J	NA	ND(0.11) J
Acrylonitrile	ND(0.0058) J	NA	ND(0.0053) J	R	ND(0.0075) J	NA	ND(0.0053)
Benzene	ND(0.0058)	NA	ND(0.0053)	R	ND(0.0075)	NA	ND(0.0053)
Bromodichloromethane	ND(0.0058)	NA	ND(0.0053)	R	ND(0.0075)	NA	ND(0.0053)
Bromoform	ND(0.0058)	NA	ND(0.0053)	ND(0.0061) J	ND(0.0075)	NA	ND(0.0053)
Bromomethane	ND(0.0058)	NA	ND(0.0053)	R	ND(0.0075)	NA	ND(0.0053)
Carbon Disulfide	ND(0.0058)	NA	ND(0.0053)	R	ND(0.0075)	NA	ND(0.0053)
Carbon Tetrachloride	ND(0.0058)	NA	ND(0.0053)	R	ND(0.0075)	NA	ND(0.0053) J
Chlorobenzene	ND(0.0058)	NA	ND(0.0053)	ND(0.0061) J	ND(0.0075)	NA	ND(0.0053)
Chloroethane	ND(0.0058)	NA	ND(0.0053)	R	ND(0.0075)	NA	ND(0.0053)
Chloroform	ND(0.0058)	NA	ND(0.0053)	R	ND(0.0075)	NA	ND(0.0053)
Chloromethane	ND(0.0058)	NA	ND(0.0053)	R	ND(0.0075)	NA	ND(0.0053) J
cis-1,3-Dichloropropene	ND(0.0058)	NA	ND(0.0053)	R	ND(0.0075)	NA	ND(0.0053)
Dibromochloromethane	ND(0.0058)	NA	ND(0.0053)	ND(0.0061) J	ND(0.0075)	NA	ND(0.0053)
Dibromomethane	ND(0.0058)	NA	ND(0.0053)	R	ND(0.0075)	NA	ND(0.0053)
Dichlorodifluoromethane	ND(0.0058)	NA	ND(0.0053)	R	ND(0.0075)	NA	ND(0.0053) J
Ethyl Methacrylate	ND(0.0058)	NA	ND(0.0053)	ND(0.0061) J	ND(0.0075)	NA	ND(0.0053)
Ethylbenzene	ND(0.0058)	NA	ND(0.0053)	ND(0.0061) J	ND(0.0075)	NA	ND(0.0053)
Iodomethane	ND(0.0058)	NA	ND(0.0053)	R	ND(0.0075)	NA	ND(0.0053)
Isobutanol	ND(0.12)	NA	ND(0.11)	R	ND(0.15)	NA	ND(0.11)
Methacrylonitrile	ND(0.0058)	NA	ND(0.0053)	R	ND(0.0075)	NA	ND(0.0053)
Methyl Methacrylate	ND(0.0058)	NA	ND(0.0053)	R	ND(0.0075)	NA	ND(0.0053)
Methylene Chloride	ND(0.0058)	NA	ND(0.0053)	R	ND(0.0075)	NA	ND(0.0053)
Propionitrile	ND(0.012)	NA	ND(0.011)	R	ND(0.015)	NA	ND(0.011)
Styrene	ND(0.0058)	NA	ND(0.0053)	ND(0.0061) J	ND(0.0075)	NA	ND(0.0053)
Tetrachloroethene	ND(0.0058)	NA	ND(0.0053)	ND(0.0061) J	ND(0.0075)	NA	ND(0.0053)
Toluene	ND(0.0058)	NA	ND(0.0053)	ND(0.0061) J	ND(0.0075)	NA	ND(0.0053)
trans-1,2-Dichloroethene	ND(0.0058)	NA	ND(0.0053)	R	ND(0.0075)	NA	ND(0.0053)
trans-1,3-Dichloropropene	ND(0.0058)	NA	ND(0.0053)	ND(0.0061) J	ND(0.0075)	NA	ND(0.0053)
trans-1,4-Dichloro-2-butene	ND(0.0058)	NA	ND(0.0053)	R	ND(0.0075)	NA	ND(0.0053)
Trichloroethene	ND(0.0058)	NA	ND(0.0053)	R	ND(0.0075)	NA	ND(0.0053)
Trichlorofluoromethane	ND(0.0058) J	NA	ND(0.0053) J	R	ND(0.0075) J	NA	ND(0.0053) J
Vinyl Acetate	ND(0.0058)	NA	ND(0.0053)	R	ND(0.0075)	NA	ND(0.0053)
Vinyl Chloride	ND(0.0058)	NA	ND(0.0053)	R	ND(0.0075)	NA	ND(0.0053)
Xylenes (total)	ND(0.0058)	NA	ND(0.0053)	ND(0.0061) J	ND(0.0075)	NA	ND(0.0053)
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
1,2,4-Trichlorobenzene	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	1.0
1,2-Dichlorobenzene	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
1,2-Diphenylhydrazine	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
1,3,5-Trinitrobenzene	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
1,3-Dichlorobenzene	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
1,3-Dinitrobenzene	NA	ND(0.78)	ND(0.71)	ND(0.82)	NA	ND(1.0)	ND(0.71)
1,4-Dichlorobenzene	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
1,4-Naphthoquinone	NA	ND(0.78)	ND(0.71)	ND(0.82)	NA	ND(1.0)	ND(0.71)
1-Naphthylamine	NA	ND(0.78)	ND(0.71)	ND(0.82)	NA	ND(1.0)	ND(0.71)
2,3,4,6-Tetrachlorophenol	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)

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

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

Sample ID:	RAA12-L16	RAA12-L16	RAA12-L18	RAA12-L18	RAA12-L18	RAA12-L18	RAA12-L22
Sample Depth(Feet):	3-4	3-6	0-1	1-3	6-8	6-10	0-1
Parameter Date Collected:	09/11/02	09/11/02	09/11/02	09/11/02	09/11/02	09/11/02	09/20/02
Semivolatile Organics (continued)							
2,4,5-Trichlorophenol	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
2,4,6-Trichlorophenol	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
2,4-Dichlorophenol	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
2,4-Dimethylphenol	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
2,4-Dinitrophenol	NA	ND(2.0)	ND(1.8)	ND(2.1)	NA	ND(2.6)	ND(1.8)
2,4-Dinitrotoluene	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
2,6-Dichlorophenol	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
2,6-Dinitrotoluene	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
2-Acetylaminofluorene	NA	ND(0.78)	ND(0.71)	ND(0.82)	NA	ND(1.0)	ND(0.71)
2-Chloronaphthalene	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
2-Chlorophenol	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
2-Methylnaphthalene	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
2-Methylphenol	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
2-Naphthylamine	NA	ND(0.78)	ND(0.71)	ND(0.82)	NA	ND(1.0)	ND(0.71)
2-Nitroaniline	NA	ND(2.0)	ND(1.8) J	ND(2.1)	NA	ND(2.6)	ND(1.8)
2-Nitrophenol	NA	ND(0.78)	ND(0.71)	ND(0.82)	NA	ND(1.0)	ND(0.71)
2-Picoline	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
3&4-Methylphenol	NA	ND(0.78)	ND(0.71)	ND(0.82)	NA	ND(1.0)	ND(0.71)
3,3'-Dichlorobenzidine	NA	ND(0.78)	ND(0.71) J	ND(0.82)	NA	ND(1.0)	ND(0.71)
3,3'-Dimethylbenzidine	NA	ND(0.39)	ND(0.35) J	ND(0.41)	NA	ND(0.50)	ND(0.35)
3-Methylcholanthrene	NA	ND(0.78)	ND(0.71)	ND(0.82)	NA	ND(1.0)	ND(0.71)
3-Nitroaniline	NA	ND(2.0)	ND(1.8)	ND(2.1)	NA	ND(2.6)	ND(1.8)
4,6-Dinitro-2-methylphenol	NA	ND(0.39)	ND(0.35) J	ND(0.41)	NA	ND(0.50)	ND(0.35)
4-Aminobiphenyl	NA	ND(0.78) J	ND(0.71) J	ND(0.82) J	NA	ND(1.0) J	ND(0.71)
4-Bromophenyl-phenylether	NA	ND(0.39) J	ND(0.35)	ND(0.41) J	NA	ND(0.50) J	ND(0.35)
4-Chloro-3-Methylphenol	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
4-Chloroaniline	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
4-Chlorobenzilate	NA	ND(0.78)	ND(0.71)	ND(0.82)	NA	ND(1.0)	ND(0.71)
4-Chlorophenyl-phenylether	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
4-Nitroaniline	NA	ND(2.0)	ND(1.8)	ND(2.1)	NA	ND(2.6)	ND(1.8)
4-Nitrophenol	NA	ND(2.0)	ND(1.8)	ND(2.1)	NA	ND(2.6)	ND(1.8)
4-Nitroquinoline-1-oxide	NA	ND(0.78) J	ND(0.71)	ND(0.82) J	NA	ND(1.0) J	ND(0.71)
4-Phenylenediamine	NA	ND(0.78) J	ND(0.71) J	ND(0.82) J	NA	ND(1.0) J	ND(0.71) J
5-Nitro-o-toluidine	NA	ND(0.78)	ND(0.71)	ND(0.82)	NA	ND(1.0)	ND(0.71)
7,12-Dimethylbenz(a)anthracene	NA	ND(0.78)	ND(0.71)	ND(0.82)	NA	ND(1.0)	ND(0.71)
a,a'-Dimethylphenethylamine	NA	ND(0.78)	ND(0.71)	ND(0.82)	NA	ND(1.0)	ND(0.71)
Acenaphthene	NA	ND(0.39)	ND(0.35)	0.14 J	NA	ND(0.50)	ND(0.35)
Acenaphthylene	NA	ND(0.39)	ND(0.35)	0.36 J	NA	ND(0.50)	ND(0.35)
Acetophenone	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
Aniline	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
Anthracene	NA	ND(0.39)	0.19 J	1.3	NA	0.21 J	ND(0.35)
Aramite	NA	ND(0.78) J	ND(0.71) J	ND(0.82) J	NA	ND(1.0) J	ND(0.71)
Benzidine	NA	ND(0.78) J	ND(0.71) J	ND(0.82) J	NA	ND(1.0) J	ND(0.71) J
Benzo(a)anthracene	NA	0.082 J	0.47	3.6	NA	0.37 J	ND(0.35)
Benzo(a)pyrene	NA	0.13 J	0.44	2.7	NA	0.30 J	ND(0.35)
Benzo(b)fluoranthene	NA	ND(0.39)	0.28 J	2.2	NA	0.18 J	ND(0.35)
Benzo(g,h,i)perylene	NA	ND(0.39)	0.41	1.6	NA	0.15 J	ND(0.35)
Benzo(k)fluoranthene	NA	0.11 J	0.33 J	2.3	NA	0.29 J	ND(0.35)
Benzyl Alcohol	NA	ND(0.78)	ND(0.71)	ND(0.82)	NA	ND(1.0)	ND(0.71)
bis(2-Chloroethoxy)methane	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
bis(2-Chloroethyl)ether	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
bis(2-Chloroisopropyl)ether	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
bis(2-Ethylhexyl)phthalate	NA	ND(0.38)	ND(0.35)	ND(0.40)	NA	ND(0.50)	ND(0.35)
Butylbenzylphthalate	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
Chrysene	NA	0.14 J	0.58	3.0	NA	0.38 J	ND(0.35)
Diallate	NA	ND(0.78) J	ND(0.71)	ND(0.82) J	NA	ND(1.0) J	ND(0.71)
Dibenzo(a,h)anthracene	NA	ND(0.39)	ND(0.35)	0.51	NA	ND(0.50)	ND(0.35)
Dibenzofuran	NA	ND(0.39)	ND(0.35)	0.42	NA	ND(0.50)	ND(0.35)
Diethylphthalate	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
Dimethylphthalate	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
Di-n-Butylphthalate	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
Di-n-Octylphthalate	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
Diphenylamine	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
Ethyl Methanesulfonate	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
Fluoranthene	NA	0.13 J	1.1	6.9	NA	0.91	ND(0.35)

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

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

Sample ID:	RAA12-L16	RAA12-L16	RAA12-L18	RAA12-L18	RAA12-L18	RAA12-L18	RAA12-L22
Sample Depth(Feet):	3-4	3-6	0-1	1-3	6-8	6-10	0-1
Parameter Date Collected:	09/11/02	09/11/02	09/11/02	09/11/02	09/11/02	09/11/02	09/20/02
Semivolatile Organics (continued)							
Fluorene	NA	ND(0.39)	ND(0.35)	0.27 J	NA	ND(0.50)	ND(0.35)
Hexachlorobenzene	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
Hexachlorobutadiene	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
Hexachlorocyclopentadiene	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
Hexachloroethane	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
Hexachlorophene	NA	ND(0.78)	ND(0.71)	ND(0.82)	NA	ND(1.0)	ND(0.71) J
Hexachloropropene	NA	ND(0.39) J	ND(0.35) J	ND(0.41) J	NA	ND(0.50) J	ND(0.35)
Indeno(1,2,3-cd)pyrene	NA	ND(0.39)	0.21 J	1.5	NA	0.12 J	ND(0.35)
Isodrin	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
Isophorone	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
Isosafrole	NA	ND(0.78)	ND(0.71)	ND(0.82)	NA	ND(1.0)	ND(0.71)
Methapyrilene	NA	ND(0.78) J	ND(0.71) J	ND(0.82) J	NA	ND(1.0) J	ND(0.71)
Methyl Methanesulfonate	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
Naphthalene	NA	ND(0.39)	ND(0.35)	0.28 J	NA	ND(0.50)	ND(0.35)
Nitrobenzene	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
N-Nitrosodiethylamine	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
N-Nitrosodimethylamine	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
N-Nitroso-di-n-butylamine	NA	ND(0.78)	ND(0.71)	ND(0.82)	NA	ND(1.0)	ND(0.71)
N-Nitroso-di-n-propylamine	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
N-Nitrosodiphenylamine	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
N-Nitrosomethylethylamine	NA	ND(0.78)	ND(0.71)	ND(0.82)	NA	ND(1.0)	ND(0.71)
N-Nitrosomorpholine	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
N-Nitrosopiperidine	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
N-Nitrosopyrrolidine	NA	ND(0.78)	ND(0.71)	ND(0.82)	NA	ND(1.0)	ND(0.71)
o,o,o-Triethylphosphorothioate	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
o-Toluidine	NA	ND(0.39) J	ND(0.35)	ND(0.41) J	NA	ND(0.50) J	ND(0.35)
p-Dimethylaminoazobenzene	NA	ND(0.78)	ND(0.71)	ND(0.82)	NA	ND(1.0)	ND(0.71)
Pentachlorobenzene	NA	ND(0.39) J	ND(0.35)	ND(0.41) J	NA	ND(0.50) J	ND(0.35)
Pentachloroethane	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
Pentachloronitrobenzene	NA	ND(0.78)	ND(0.71)	ND(0.82)	NA	ND(1.0)	ND(0.71)
Pentachlorophenol	NA	ND(2.0)	ND(1.8)	ND(2.1)	NA	ND(2.6)	ND(1.8)
Phenacetin	NA	ND(0.78)	ND(0.71)	ND(0.82)	NA	ND(1.0)	ND(0.71)
Phenanthrene	NA	ND(0.39)	0.71	5.3	NA	0.68	ND(0.35)
Phenol	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
Pronamide	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
Pyrene	NA	0.16 J	1.1	6.7	NA	0.75	ND(0.35)
Pyridine	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
Safrole	NA	ND(0.39)	ND(0.35)	ND(0.41)	NA	ND(0.50)	ND(0.35)
Thionazin	NA	ND(0.39)	ND(0.35) J	ND(0.41)	NA	ND(0.50)	ND(0.35)
Organochlorine Pesticides							
4,4'-DDD	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA	NA	NA
Alpha-BHC	NA	NA	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	NA	NA	NA	NA	NA	NA	NA
Endrin	NA	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA	NA	NA	NA
Endrin Ketone	NA	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	NA	NA	NA	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA	NA	NA
Kepone	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA	NA	NA	NA

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-L16 3-4 09/11/02	RAA12-L16 3-6 09/11/02	RAA12-L18 0-1 09/11/02	RAA12-L18 1-3 09/11/02	RAA12-L18 6-8 09/11/02	RAA12-L18 6-10 09/11/02	RAA12-L22 0-1 09/20/02
Organophosphate Pesticides							
Dimethoate	NA	NA	NA	NA	NA	NA	NA
Disulfoton	NA	NA	NA	NA	NA	NA	NA
Ethyl Parathion	NA	NA	NA	NA	NA	NA	NA
Famphur	NA	NA	NA	NA	NA	NA	NA
Methyl Parathion	NA	NA	NA	NA	NA	NA	NA
Phorate	NA	NA	NA	NA	NA	NA	NA
Sulfotep	NA	NA	NA	NA	NA	NA	NA
Herbicides							
2,4,5-T	NA	NA	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA	NA	NA	NA
Dinoseb	NA	NA	NA	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF	NA	ND(0.00000039) X	ND(0.0000077) X	0.000072 Y	NA	0.0000042 J	0.000082 Y
TCDFs (total)	NA	0.0000018	0.000044	0.00059	NA	0.000029	0.0018
1,2,3,7,8-PeCDF	NA	ND(0.00000023) X	0.0000032 J	0.000023	NA	0.0000016 J	0.00014
2,3,4,7,8-PeCDF	NA	0.00000032 J	0.0000055 J	0.000033	NA	0.0000028 J	0.00034
PeCDFs (total)	NA	0.0000019	0.000045	0.00040	NA	0.000022	0.0024
1,2,3,4,7,8-HxCDF	NA	0.00000024 J	0.0000039 J	0.000024	NA	0.0000024 J	0.0017
1,2,3,6,7,8-HxCDF	NA	0.00000025 J	0.0000027 J	0.000013 J	NA	0.0000025 J	0.00079
1,2,3,7,8,9-HxCDF	NA	ND(0.00000028)	ND(0.0000025)	0.0000046 J	NA	ND(0.0000032)	0.00038
2,3,4,6,7,8-HxCDF	NA	0.00000024 J	0.0000035 J	0.000018 J	NA	0.0000039 J	0.00039
HxCDFs (total)	NA	0.0000019	0.000028	0.00022	NA	0.000022	0.0054
1,2,3,4,6,7,8-HpCDF	NA	0.00000066 J	0.0000080 J	0.000035	NA	0.000012 J	0.00056
1,2,3,4,7,8,9-HpCDF	NA	ND(0.00000028)	ND(0.0000025)	0.0000046 J	NA	ND(0.0000032)	0.00040
HpCDFs (total)	NA	0.00000066	0.000016	0.000064	NA	0.000012	0.0015
OCDF	NA	0.00000040 J	0.000011 J	0.000031 J	NA	ND(0.0000042) X	0.00052
Dioxins							
2,3,7,8-TCDD	NA	ND(0.00000017)	ND(0.0000019)	ND(0.0000024)	NA	ND(0.0000024)	0.0000015 J
TCDDs (total)	NA	0.00000029	ND(0.0000028)	0.000015	NA	0.0000014	0.000020
1,2,3,7,8-PeCDD	NA	ND(0.00000028)	ND(0.0000025)	0.0000016 J	NA	ND(0.0000032)	ND(0.0000096) X
PeCDDs (total)	NA	0.00000036	ND(0.0000043)	0.000010	NA	0.0000057	0.000020
1,2,3,4,7,8-HxCDD	NA	ND(0.00000028)	ND(0.0000025)	ND(0.0000026)	NA	ND(0.0000032)	0.0000038 J
1,2,3,6,7,8-HxCDD	NA	ND(0.00000028)	ND(0.0000025)	0.0000021 J	NA	ND(0.0000032)	0.0000060
1,2,3,7,8,9-HxCDD	NA	ND(0.00000028)	ND(0.0000025)	ND(0.0000023) X	NA	ND(0.0000032)	0.0000033 J
HxCDDs (total)	NA	0.00000026	ND(0.0000061)	0.0000077	NA	0.0000053	0.00010
1,2,3,4,6,7,8-HpCDD	NA	0.00000060 J	0.000014 J	0.000015 J	NA	0.0000075 J	0.000018
HpCDDs (total)	NA	0.0000011	0.000031	0.000032	NA	0.000014	0.000043
OCDD	NA	ND(0.0000025)	0.000089	0.000083	NA	ND(0.000032)	0.000068
Total TEQs (WHO TEFs)	NA	0.00000055	0.0000072	0.000035	NA	0.0000064	0.00053
Inorganics							
Antimony	NA	ND(6.0)	ND(6.0)	ND(6.0)	NA	ND(6.0)	ND(6.00)
Arsenic	NA	6.60	4.20	14.0	NA	24.0	5.90
Barium	NA	44.0	32.0	120	NA	210	29.0
Beryllium	NA	0.250 B	0.130 B	0.300 B	NA	0.440 B	0.260 B
Cadmium	NA	0.290 B	0.280 B	0.620	NA	1.70	0.300 B
Chromium	NA	6.40	7.60	9.70	NA	14.0	7.50
Cobalt	NA	6.50	4.20 B	8.50	NA	7.60	9.30
Copper	NA	30.0	37.0	79.0	NA	110	15.0
Cyanide	NA	ND(0.120)	ND(0.110)	ND(0.120)	NA	ND(0.300)	0.230
Lead	NA	120	99.0	310	NA	2000	6.10
Mercury	NA	0.230 B	0.220 B	0.480 B	NA	1.30 B	0.0690 B
Nickel	NA	12.0	9.80	15.0	NA	19.0	15.0
Selenium	NA	ND(1.00)	ND(1.00)	ND(1.00)	NA	3.80	ND(1.00) J
Silver	NA	ND(1.00)	ND(1.00)	ND(1.00)	NA	0.520 B	ND(1.00)
Sulfide	NA	22.0	22.0	33.0	NA	87.0	14.0
Thallium	NA	ND(1.20) J	ND(1.10) J	ND(1.20) J	NA	2.00 B	ND(1.10)
Tin	NA	ND(10.0)	ND(10.0)	28.0	NA	870	ND(10.)
Vanadium	NA	11.0	10.0	15.0	NA	16.0	7.10
Zinc	NA	64.0	97.0	200	NA	820	37.0

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

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

Sample ID:	RAA12-L22	RAA12-L24	RAA12-L24	RAA12-L26	RAA12-L26	RAA12-L26	RAA12-L26	RAA12-L26
Sample Depth(Feet):	1-3	0-1	6-8	0-1	1-3	3-6	4-6	10-15
Parameter Date Collected:	09/20/02	08/13/02	08/13/02	08/12/02	08/12/02	08/12/02	08/12/02	08/12/02
Volatile Organics								
1,1,1,2-Tetrachloroethane	ND(0.0052)	ND(0.0052)	ND(0.0057)	ND(0.0051)	ND(0.0056) J	NA	ND(0.0054)	NA
1,1,1-Trichloroethane	ND(0.0052)	ND(0.0052)	ND(0.0057)	ND(0.0051)	ND(0.0056) J	NA	ND(0.0054)	NA
1,1,2,2-Tetrachloroethane	ND(0.0052)	ND(0.0052)	ND(0.0057)	ND(0.0051)	ND(0.0056) J	NA	ND(0.0054)	NA
1,1,2-Trichloroethane	ND(0.0052)	ND(0.0052)	ND(0.0057)	ND(0.0051)	ND(0.0056) J	NA	ND(0.0054)	NA
1,1-Dichloroethane	ND(0.0052)	ND(0.0052)	ND(0.0057)	ND(0.0051)	ND(0.0056) J	NA	ND(0.0054)	NA
1,1-Dichloroethene	ND(0.0052)	ND(0.0052)	ND(0.0057)	ND(0.0051)	ND(0.0061) J	NA	ND(0.0054)	NA
1,2,3-Trichloropropane	ND(0.0052)	ND(0.0052)	ND(0.0057)	ND(0.0051)	ND(0.0056) J	NA	ND(0.0054)	NA
1,2-Dibromo-3-chloropropane	ND(0.0052)	ND(0.0052)	ND(0.0057)	ND(0.0051)	ND(0.0056) J	NA	ND(0.0054)	NA
1,2-Dibromoethane	ND(0.0052)	ND(0.0052)	ND(0.0057)	ND(0.0051)	ND(0.0056) J	NA	ND(0.0054)	NA
1,2-Dichloroethane	ND(0.0052)	ND(0.0052)	ND(0.0057)	ND(0.0051)	ND(0.0061) J	NA	ND(0.0054)	NA
1,2-Dichloropropane	ND(0.0052)	ND(0.0052)	ND(0.0057)	ND(0.0051)	ND(0.0056) J	NA	ND(0.0054)	NA
1,4-Dioxane	ND(0.10) J	ND(0.10)	ND(0.11)	ND(0.10) J	ND(0.11) J	NA	ND(0.11) J	NA
2-Butanone	ND(0.010)	ND(0.010)	ND(0.011)	ND(0.010)	ND(0.011) J	NA	ND(0.011)	NA
2-Chloro-1,3-butadiene	ND(0.0052)	ND(0.0052)	ND(0.0057)	ND(0.0051)	ND(0.0056) J	NA	ND(0.0054)	NA
2-Chloroethylvinylether	ND(0.0052) J	ND(0.0052)	ND(0.0057)	ND(0.0051) J	ND(0.0056) J	NA	ND(0.0054) J	NA
2-Hexanone	ND(0.010)	ND(0.010)	ND(0.011)	ND(0.010)	ND(0.012) J	NA	ND(0.011)	NA
3-Chloropropene	ND(0.0052)	ND(0.0052)	ND(0.0057)	ND(0.0051)	ND(0.0059) J	NA	ND(0.0054)	NA
4-Methyl-2-pentanone	ND(0.010)	ND(0.010)	ND(0.011)	ND(0.010)	ND(0.012) J	NA	ND(0.011)	NA
Acetone	ND(0.021)	0.015 J	0.020 J	ND(0.020) J	ND(0.024) J	NA	ND(0.022) J	NA
Acetonitrile	ND(0.10)	ND(0.10)	ND(0.11)	ND(0.10)	ND(0.12) J	NA	ND(0.11)	NA
Acrolein	ND(0.10) J	ND(0.10)	ND(0.11)	ND(0.10)	ND(0.12) J	NA	ND(0.11)	NA
Acrylonitrile	ND(0.0052)	ND(0.0052)	ND(0.0057)	ND(0.0051)	ND(0.0059) J	NA	ND(0.0054)	NA
Benzene	ND(0.0052)	ND(0.0052)	0.0053 J	ND(0.0051)	ND(0.0059) J	NA	ND(0.0054)	NA
Bromodichloromethane	ND(0.0052)	ND(0.0052)	ND(0.0057)	ND(0.0051)	ND(0.0059) J	NA	ND(0.0054)	NA
Bromoform	ND(0.0052)	ND(0.0052)	ND(0.0057)	ND(0.0051)	ND(0.0059) J	NA	ND(0.0054)	NA
Bromomethane	ND(0.0052)	ND(0.0052)	ND(0.0057)	ND(0.0051) J	ND(0.0059) J	NA	ND(0.0054) J	NA
Carbon Disulfide	ND(0.0052)	0.0032 J	ND(0.0057)	ND(0.0051)	ND(0.0059) J	NA	ND(0.0054)	NA
Carbon Tetrachloride	ND(0.0052) J	ND(0.0052)	ND(0.0057)	ND(0.0051)	ND(0.0059) J	NA	ND(0.0054)	NA
Chlorobenzene	ND(0.0052)	ND(0.0052)	0.050 J	ND(0.0051)	ND(0.0059) J	NA	ND(0.0054)	NA
Chloroethane	ND(0.0052)	ND(0.0052)	ND(0.0057)	ND(0.0051)	ND(0.0059) J	NA	ND(0.0054)	NA
Chloroform	ND(0.0052)	ND(0.0052)	ND(0.0057)	ND(0.0051)	ND(0.0059) J	NA	ND(0.0054)	NA
Chloromethane	ND(0.0052) J	ND(0.0052)	ND(0.0057)	ND(0.0051)	ND(0.0059) J	NA	ND(0.0054)	NA
cis-1,3-Dichloropropene	ND(0.0052)	ND(0.0052)	ND(0.0057)	ND(0.0051)	ND(0.0059) J	NA	ND(0.0054)	NA
Dibromochloromethane	ND(0.0052)	ND(0.0052)	ND(0.0057)	ND(0.0051)	ND(0.0059) J	NA	ND(0.0054)	NA
Dibromomethane	ND(0.0052)	ND(0.0052)	ND(0.0057)	ND(0.0051)	ND(0.0059) J	NA	ND(0.0054)	NA
Dichlorodifluoromethane	ND(0.0052) J	ND(0.0052)	ND(0.0057)	ND(0.0051)	ND(0.0059) J	NA	ND(0.0054)	NA
Ethyl Methacrylate	ND(0.0052)	ND(0.0052)	ND(0.0057)	ND(0.0051)	ND(0.0059) J	NA	ND(0.0054)	NA
Ethylbenzene	ND(0.0052)	ND(0.0052)	ND(0.0057)	ND(0.0051)	ND(0.0059) J	NA	ND(0.0054)	NA
Iodomethane	ND(0.0052)	ND(0.0052)	ND(0.0057)	ND(0.0051)	ND(0.0059) J	NA	ND(0.0054)	NA
Isobutanol	ND(0.10)	ND(0.10)	ND(0.11)	ND(0.10)	ND(0.12) J	NA	ND(0.11)	NA
Methacrylonitrile	ND(0.0052)	ND(0.0052)	ND(0.0057)	ND(0.0051)	ND(0.0059) J	NA	ND(0.0054)	NA
Methyl Methacrylate	ND(0.0052)	ND(0.0052)	ND(0.0057)	ND(0.0051)	ND(0.0059) J	NA	ND(0.0054)	NA
Methylene Chloride	ND(0.0052)	ND(0.0052)	ND(0.0057)	ND(0.0051)	ND(0.0059) J	NA	ND(0.0054)	NA
Propionitrile	ND(0.010)	ND(0.010)	ND(0.011)	ND(0.010)	ND(0.012) J	NA	ND(0.011)	NA
Styrene	ND(0.0052)	ND(0.0052)	ND(0.0057)	ND(0.0051)	ND(0.0059) J	NA	ND(0.0054)	NA
Tetrachloroethene	ND(0.0052)	0.0031 J	ND(0.0057)	ND(0.0051)	ND(0.0059) J	NA	ND(0.0054)	NA
Toluene	ND(0.0052)	ND(0.0052)	ND(0.0057)	ND(0.0051)	ND(0.0059) J	NA	ND(0.0054)	NA
trans-1,2-Dichloroethene	ND(0.0052)	ND(0.0052)	ND(0.0057)	ND(0.0051)	ND(0.0059) J	NA	ND(0.0054)	NA
trans-1,3-Dichloropropene	ND(0.0052)	ND(0.0052)	ND(0.0057)	ND(0.0051)	ND(0.0059) J	NA	ND(0.0054)	NA
trans-1,4-Dichloro-2-butene	ND(0.0052)	ND(0.0052)	ND(0.0057)	ND(0.0051)	ND(0.0059) J	NA	ND(0.0054)	NA
Trichloroethene	ND(0.0052)	ND(0.0052)	ND(0.0057)	ND(0.0051)	0.0044 J	NA	ND(0.0054)	NA
Trichlorofluoromethane	ND(0.0052) J	ND(0.0052)	ND(0.0057)	ND(0.0051)	ND(0.0059) J	NA	ND(0.0054)	NA
Vinyl Acetate	ND(0.0052)	ND(0.0052)	ND(0.0057)	ND(0.0051)	ND(0.0059) J	NA	ND(0.0054)	NA
Vinyl Chloride	ND(0.0052)	ND(0.0052)	0.0092 J	ND(0.0051)	ND(0.0059) J	NA	ND(0.0054)	NA
Xylenes (total)	ND(0.0052)	ND(0.0052)	0.024 J	ND(0.0051)	ND(0.0059) J	NA	ND(0.0054)	NA
Semivolatile Organics								
1,2,4,5-Tetrachlorobenzene	ND(0.35)	ND(0.34)	0.76 J	ND(0.34)	0.081 J	ND(0.40)	NA	ND(8.2)
1,2,4-Trichlorobenzene	ND(0.35)	ND(0.34)	27	ND(0.34)	0.33 J	1.7	NA	2.5 J
1,2-Dichlorobenzene	ND(0.35)	ND(0.34)	2.7	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
1,2-Diphenylhydrazine	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
1,3,5-Trinitrobenzene	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
1,3-Dichlorobenzene	ND(0.35)	ND(0.34)	6.2	ND(0.34)	ND(0.37)	0.39 J	NA	2.8 J
1,3-Dinitrobenzene	ND(0.70)	ND(0.69)	ND(0.91)	ND(0.69)	ND(0.75)	ND(0.80)	NA	ND(8.2)
1,4-Dichlorobenzene	ND(0.35)	ND(0.34)	50	ND(0.34)	0.16 J	1.4	NA	8.6
1,4-Naphthoquinone	ND(0.70)	ND(0.69)	ND(0.91)	ND(0.69)	ND(0.75)	ND(0.80)	NA	ND(8.2)
1-Naphthylamine	ND(0.70)	ND(0.69)	ND(0.91)	ND(0.69)	ND(0.75)	ND(0.80)	NA	ND(8.2)
2,3,4,6-Tetrachlorophenol	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)

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

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

Sample ID:	RAA12-L22	RAA12-L24	RAA12-L24	RAA12-L26	RAA12-L26	RAA12-L26	RAA12-L26	RAA12-L26
Sample Depth(Feet):	1-3	0-1	6-8	0-1	1-3	3-6	4-6	10-15
Parameter Date Collected:	09/20/02	08/13/02	08/13/02	08/12/02	08/12/02	08/12/02	08/12/02	08/12/02
Semivolatile Organics (continued)								
2,4,5-Trichlorophenol	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
2,4,6-Trichlorophenol	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
2,4-Dichlorophenol	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
2,4-Dimethylphenol	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
2,4-Dinitrophenol	ND(1.8)	ND(1.8)	ND(4.6)	ND(1.8)	ND(1.9)	ND(2.0)	NA	ND(41)
2,4-Dinitrotoluene	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
2,6-Dichlorophenol	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
2,6-Dinitrotoluene	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
2-Acetylaminofluorene	ND(0.70)	ND(0.69)	ND(0.91)	ND(0.69)	ND(0.75)	ND(0.80)	NA	ND(8.2)
2-Chloronaphthalene	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
2-Chlorophenol	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
2-Methylnaphthalene	ND(0.35)	ND(0.34)	0.51 J	ND(0.34)	ND(0.37)	ND(0.40)	NA	12
2-Methylphenol	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
2-Naphthylamine	ND(0.70)	ND(0.69)	ND(0.91)	ND(0.69)	ND(0.75)	ND(0.80)	NA	ND(8.2)
2-Nitroaniline	ND(1.8)	ND(1.8)	ND(4.6)	ND(1.8)	ND(1.9)	ND(2.0)	NA	ND(41)
2-Nitrophenol	ND(0.70)	ND(0.69)	ND(0.91)	ND(0.69)	ND(0.75)	ND(0.80)	NA	ND(8.2)
2-Picoline	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
3&4-Methylphenol	ND(0.70)	ND(0.69)	ND(0.91)	ND(0.69)	ND(0.75)	ND(0.80)	NA	ND(8.2)
3,3'-Dichlorobenzidine	ND(0.70)	ND(0.69)	ND(1.8)	ND(0.69)	ND(0.75)	ND(0.80)	NA	ND(16)
3,3'-Dimethylbenzidine	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
3-Methylcholanthrene	ND(0.70)	ND(0.69)	ND(0.91)	ND(0.69)	ND(0.75)	ND(0.80)	NA	ND(8.2)
3-Nitroaniline	ND(1.8)	ND(1.8)	ND(4.6)	ND(1.8)	ND(1.9)	ND(2.0)	NA	ND(41)
4,6-Dinitro-2-methylphenol	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
4-Aminobiphenyl	ND(0.70)	ND(0.69) J	ND(0.91) J	ND(0.69) J	ND(0.75) J	ND(0.80) J	NA	ND(8.2) J
4-Bromophenyl-phenylether	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
4-Chloro-3-Methylphenol	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
4-Chloroaniline	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
4-Chlorobenzilate	ND(0.70)	ND(0.69)	ND(0.91)	ND(0.69)	ND(0.75)	ND(0.80)	NA	ND(8.2)
4-Chlorophenyl-phenylether	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
4-Nitroaniline	ND(1.8)	ND(1.8)	ND(1.9)	ND(1.8)	ND(1.9)	ND(2.0)	NA	ND(8.2)
4-Nitrophenol	ND(1.8)	ND(1.8)	ND(4.6)	ND(1.8)	ND(1.9)	ND(2.0)	NA	ND(41)
4-Nitroquinoline-1-oxide	ND(0.70)	ND(0.69)	ND(0.91)	ND(0.69)	ND(0.75)	ND(0.80)	NA	ND(8.2)
4-Phenylenediamine	ND(0.70) J	ND(0.69) J	ND(0.91) J	ND(0.69) J	ND(0.75) J	ND(0.80) J	NA	ND(8.2) J
5-Nitro-o-toluidine	ND(0.70)	ND(0.69) J	ND(0.91) J	ND(0.69) J	ND(0.75) J	ND(0.80) J	NA	ND(8.2) J
7,12-Dimethylbenz(a)anthracene	ND(0.70)	ND(0.69)	ND(0.91)	ND(0.69)	ND(0.75)	ND(0.80)	NA	ND(8.2)
a,a'-Dimethylphenethylamine	ND(0.70)	ND(0.69) J	ND(0.91) J	ND(0.69) J	ND(0.75) J	ND(0.80) J	NA	ND(8.2) J
Acenaphthene	ND(0.35)	ND(0.34)	0.24 J	ND(0.34)	ND(0.37)	ND(0.40)	NA	24
Acenaphthylene	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	1.7 J
Acetophenone	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
Aniline	ND(0.35)	ND(0.34)	0.78 J	ND(0.34)	ND(0.37)	0.53	NA	ND(8.2)
Anthracene	ND(0.35)	ND(0.34)	0.28 J	ND(0.34)	ND(0.37)	ND(0.40)	NA	22
Aramite	ND(0.70)	ND(0.69) J	ND(0.91) J	ND(0.69) J	ND(0.75) J	ND(0.80) J	NA	ND(8.2) J
Benzidine	ND(0.70) J	ND(0.69)	17	ND(0.69)	ND(0.75)	ND(0.80)	NA	ND(16)
Benzo(a)anthracene	ND(0.35)	0.088 J	0.88 J	ND(0.34)	ND(0.37)	0.082 J	NA	16
Benzo(a)pyrene	ND(0.35)	0.14 J	0.58 J	ND(0.34)	ND(0.37)	ND(0.40)	NA	12
Benzo(b)fluoranthene	ND(0.35)	ND(0.34)	0.79 J	ND(0.34)	ND(0.37)	0.092 J	NA	13
Benzo(g,h,i)perylene	ND(0.35)	0.19 J	0.55 J	ND(0.34)	ND(0.37)	ND(0.40)	NA	8.8
Benzo(k)fluoranthene	ND(0.35)	0.13 J	0.65 J	ND(0.34)	ND(0.37)	ND(0.40)	NA	13
Benzyl Alcohol	ND(0.70)	ND(0.69)	ND(1.8)	ND(0.69)	ND(0.75)	ND(0.80)	NA	ND(16)
bis(2-Chloroethoxy)methane	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
bis(2-Chloroethyl)ether	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
bis(2-Chloroisopropyl)ether	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
bis(2-Ethylhexyl)phthalate	ND(0.34)	ND(0.34)	2.1	ND(0.34)	ND(0.37)	ND(0.39)	NA	ND(4.1)
Butylbenzylphthalate	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
Chrysene	ND(0.35)	0.20 J	0.91	ND(0.34)	0.22 J	0.10 J	NA	16
Diallate	ND(0.70)	ND(0.69)	ND(0.91)	ND(0.69)	ND(0.75)	ND(0.80)	NA	ND(8.2)
Dibenzo(a,h)anthracene	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	3.8 J
Dibenzofuran	ND(0.35)	ND(0.34)	0.18 J	ND(0.34)	ND(0.37)	ND(0.40)	NA	20
Diethylphthalate	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
Dimethylphthalate	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
Di-n-Butylphthalate	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
Di-n-Octylphthalate	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
Diphenylamine	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
Ethyl Methanesulfonate	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
Fluoranthene	ND(0.35)	0.17 J	1.4	ND(0.34)	ND(0.37)	0.16 J	NA	37

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

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

Sample ID:	RAA12-L22	RAA12-L24	RAA12-L24	RAA12-L26	RAA12-L26	RAA12-L26	RAA12-L26	RAA12-L26
Sample Depth(Feet):	1-3	0-1	6-8	0-1	1-3	3-6	4-6	10-15
Parameter Date Collected:	09/20/02	08/13/02	08/13/02	08/12/02	08/12/02	08/12/02	08/12/02	08/12/02
Semivolatile Organics (continued)								
Fluorene	ND(0.35)	ND(0.34)	0.33 J	ND(0.34)	ND(0.37)	ND(0.40)	NA	30
Hexachlorobenzene	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
Hexachlorobutadiene	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
Hexachlorocyclopentadiene	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
Hexachloroethane	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
Hexachlorophene	ND(0.70) J	ND(0.69) J	ND(1.8) J	ND(0.69) J	ND(0.75) J	ND(0.80) J	NA	ND(16) J
Hexachloropropene	ND(0.35)	ND(0.34) J	ND(0.91) J	ND(0.34) J	ND(0.37) J	ND(0.40) J	NA	ND(8.2) J
Indeno(1,2,3-cd)pyrene	ND(0.35)	0.089 J	0.37 J	ND(0.34)	ND(0.37)	ND(0.40)	NA	7.2 J
Isodrin	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
Isophorone	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
Isosafrole	ND(0.70)	ND(0.69)	ND(0.91)	ND(0.69)	ND(0.75)	ND(0.80)	NA	ND(8.2)
Methapyrilene	ND(0.70)	ND(0.69)	ND(0.91)	ND(0.69)	ND(0.75)	ND(0.80)	NA	ND(8.2)
Methyl Methanesulfonate	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
Naphthalene	ND(0.35)	ND(0.34)	0.81 J	ND(0.34)	ND(0.37)	ND(0.40)	NA	5.8 J
Nitrobenzene	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
N-Nitrosodiethylamine	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
N-Nitrosodimethylamine	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
N-Nitroso-di-n-butylamine	ND(0.70)	ND(0.69)	ND(0.91)	ND(0.69)	ND(0.75)	ND(0.80)	NA	ND(8.2)
N-Nitroso-di-n-propylamine	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
N-Nitrosodiphenylamine	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
N-Nitrosomethylethylamine	ND(0.70)	ND(0.69)	ND(0.91)	ND(0.69)	ND(0.75)	ND(0.80)	NA	ND(8.2)
N-Nitrosomorpholine	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
N-Nitrosopiperidine	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
N-Nitrosopyrrolidine	ND(0.70)	ND(0.69) J	ND(0.91) J	ND(0.69) J	ND(0.75) J	ND(0.80) J	NA	ND(8.2) J
o,o,o-Triethylphosphorothioate	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
o-Toluidine	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
p-Dimethylaminoazobenzene	ND(0.70)	ND(0.69)	ND(0.91)	ND(0.69)	ND(0.75)	ND(0.80)	NA	ND(8.2)
Pentachlorobenzene	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
Pentachloroethane	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
Pentachloronitrobenzene	ND(0.70)	ND(0.69)	ND(0.91)	ND(0.69)	ND(0.75)	ND(0.80)	NA	ND(8.2)
Pentachlorophenol	ND(1.8)	ND(1.8)	ND(4.6)	ND(1.8)	ND(1.9)	ND(2.0)	NA	ND(41)
Phenacetin	ND(0.70)	ND(0.69)	ND(0.91)	ND(0.69)	ND(0.75)	ND(0.80)	NA	ND(8.2)
Phenanthrene	ND(0.35)	0.077 J	1.0	ND(0.34)	ND(0.37)	0.12 J	NA	84
Phenol	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
Pronamide	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
Pyrene	ND(0.35)	0.34 J	0.92	0.12 J	0.14 J	ND(0.40)	NA	50
Pyridine	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
Safrole	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
Thionazin	ND(0.35)	ND(0.34)	ND(0.91)	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)
Organochlorine Pesticides								
4,4'-DDD	NA	ND(1.0)	ND(340)	NA	NA	ND(0.60)	NA	ND(370)
4,4'-DDE	NA	ND(1.0)	ND(340)	NA	NA	ND(0.60)	NA	ND(370)
4,4'-DDT	NA	ND(1.0)	ND(340)	NA	NA	ND(0.60)	NA	ND(370)
Aldrin	NA	ND(0.52)	ND(170)	NA	NA	ND(0.30)	NA	ND(180)
Alpha-BHC	NA	ND(0.52)	ND(170)	NA	NA	ND(0.30)	NA	ND(180)
Alpha-Chlordane	NA	ND(0.52)	ND(170)	NA	NA	ND(0.30)	NA	ND(180)
Beta-BHC	NA	ND(0.52)	ND(170)	NA	NA	ND(0.30)	NA	ND(180)
Delta-BHC	NA	ND(0.52)	ND(170)	NA	NA	ND(0.30)	NA	ND(180)
Dieldrin	NA	ND(1.0)	ND(340)	NA	NA	ND(0.60)	NA	ND(370)
Endosulfan I	NA	ND(1.0)	ND(340)	NA	NA	ND(0.60)	NA	ND(370)
Endosulfan II	NA	ND(1.0)	ND(340)	NA	NA	ND(0.60)	NA	ND(370)
Endosulfan Sulfate	NA	ND(1.0)	ND(340)	NA	NA	ND(0.60)	NA	ND(370)
Endrin	NA	ND(1.0)	ND(340)	NA	NA	ND(0.60)	NA	ND(370)
Endrin Aldehyde	NA	ND(1.0)	ND(340)	NA	NA	ND(0.60)	NA	ND(370)
Endrin Ketone	NA	ND(1.0)	ND(340)	NA	NA	ND(0.60)	NA	ND(370)
Gamma-BHC (Lindane)	NA	ND(0.52)	ND(170)	NA	NA	ND(0.30)	NA	ND(180)
Gamma-Chlordane	NA	ND(0.52)	ND(170)	NA	NA	ND(0.30)	NA	ND(180)
Heptachlor	NA	ND(0.52)	ND(170)	NA	NA	ND(0.30)	NA	ND(180)
Heptachlor Epoxide	NA	ND(0.52)	ND(170)	NA	NA	ND(0.30)	NA	ND(180)
Kepone	NA	ND(0.34)	ND(0.91)	NA	NA	ND(0.40)	NA	ND(8.2)
Methoxychlor	NA	ND(5.2)	ND(1700)	NA	NA	ND(3.0)	NA	ND(1800)
Technical Chlordane	NA	ND(8.6)	ND(2800)	NA	NA	ND(5.0)	NA	ND(3100)
Toxaphene	NA	ND(8.6)	ND(2800)	NA	NA	ND(5.0)	NA	ND(3100)

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-L22 1-3 09/20/02	RAA12-L24 0-1 08/13/02	RAA12-L24 6-8 08/13/02	RAA12-L26 0-1 08/12/02	RAA12-L26 1-3 08/12/02	RAA12-L26 3-6 08/12/02	RAA12-L26 4-6 08/12/02	RAA12-L26 10-15 08/12/02
Organophosphate Pesticides								
Dimethoate	NA	ND(1.8)	ND(1.9)	NA	NA	ND(2.0)	NA	ND(8.2)
Disulfoton	NA	ND(0.69)	ND(0.91)	NA	NA	ND(0.80)	NA	ND(8.2)
Ethyl Parathion	NA	ND(0.69)	ND(0.91)	NA	NA	ND(0.80)	NA	ND(8.2)
Famphur	NA	ND(0.34)	ND(0.91)	NA	NA	ND(0.40)	NA	ND(8.2)
Methyl Parathion	NA	ND(0.69)	ND(0.91)	NA	NA	ND(0.80)	NA	ND(8.2)
Phorate	NA	ND(0.69)	ND(0.91)	NA	NA	ND(0.80)	NA	ND(8.2)
Sulfotep	NA	ND(0.69)	ND(0.91)	NA	NA	ND(0.80)	NA	ND(8.2)
Herbicides								
2,4,5-T	NA	ND(17)	ND(190)	NA	NA	ND(2.0)	NA	ND(2000)
2,4,5-TP	NA	57	ND(190)	NA	NA	ND(2.0)	NA	ND(2000)
2,4-D	NA	ND(17)	ND(190)	NA	NA	ND(2.0)	NA	ND(2000)
Dinoseb	NA	ND(0.34)	ND(0.38)	NA	NA	ND(0.39)	NA	ND(8.2)
Furans								
2,3,7,8-TCDF	0.0000030 Y	0.0000084 YJQ	0.018 YEQJ	0.0000049 YJQ	0.0012 YE	0.00016 Y	NA	NA
TCDFs (total)	0.000089	0.000066	0.14	0.000014	0.0040	0.0012	NA	NA
1,2,3,7,8-PeCDF	0.0000095	0.0000080 J	0.012 EJ	0.0000014 J	0.00022	0.000072	NA	NA
2,3,4,7,8-PeCDF	ND(0.0000015)	0.000014 J	0.025 EIJ	ND(0.0000047) X	0.00052	0.00016	NA	NA
PeCDFs (total)	0.000048	0.00014	0.24 QI	0.000033	0.0042 I	0.0015 I	NA	NA
1,2,3,4,7,8-HxCDF	0.0000029 J	0.000028	0.092 EIJ	0.000014 J	0.00082	0.00012	NA	NA
1,2,3,6,7,8-HxCDF	0.0000013 J	0.000014 J	0.041 EIJ	0.0000051 J	0.00035	0.000072	NA	NA
1,2,3,7,8,9-HxCDF	0.00000067 J	0.0000045 J	0.011 EQJ	0.0000027 J	0.00017	0.000022	NA	NA
2,3,4,6,7,8-HxCDF	0.00000064 J	0.000012 J	0.024 EJ	0.0000055 J	0.00038	0.00019	NA	NA
HxCDFs (total)	0.0000093	0.00017	0.33 QI	0.000067	0.0052	0.0026	NA	NA
1,2,3,4,6,7,8-HpCDF	0.0000010 J	0.000022 J	0.067 EIJ	0.000016 J	0.00055	0.00022	NA	NA
1,2,3,4,7,8,9-HpCDF	0.00000064 J	0.0000074 J	0.026 EIJ	0.000011 J	0.00020	0.000036	NA	NA
HpCDFs (total)	0.0000017	0.000046	0.12 I	0.000063	0.0014	0.00059	NA	NA
OCDF	0.0000010 J	ND(0.000024) X	0.052 EJ	0.000046	0.00040	0.00012	NA	NA
Dioxins								
2,3,7,8-TCDD	ND(0.00000032)	ND(0.0000011)	0.00013	ND(0.0000030)	ND(0.0000031) X	0.0000016	NA	NA
TCDDs (total)	ND(0.00000056)	ND(0.0000016)	0.0024	ND(0.0000030)	0.000026	0.000023	NA	NA
1,2,3,7,8-PeCDD	ND(0.00000046)	ND(0.00000089) X	0.00038	ND(0.0000021)	0.000012	ND(0.0000054) X	NA	NA
PeCDDs (total)	ND(0.00000094)	0.0000017	0.0052 Q	0.0000030	0.00012	0.000040	NA	NA
1,2,3,4,7,8-HxCDD	ND(0.00000057)	ND(0.0000026)	0.00039	ND(0.0000021)	0.000016	0.0000045	NA	NA
1,2,3,6,7,8-HxCDD	ND(0.00000050)	ND(0.0000014) X	0.00057	ND(0.0000021)	0.000022	0.0000099	NA	NA
1,2,3,7,8,9-HxCDD	ND(0.00000051)	ND(0.0000012) X	0.00043	ND(0.0000021)	0.000017	0.0000061	NA	NA
HxCDDs (total)	ND(0.00000053)	ND(0.0000026)	0.0083	0.0000068	0.00028	0.00011	NA	NA
1,2,3,4,6,7,8-HpCDD	ND(0.00000055)	0.0000059 J	0.0030	0.000028	0.00018	0.00012	NA	NA
HpCDDs (total)	0.00000055	0.000012	0.0062	0.000051	0.00038	0.00021	NA	NA
OCDD	ND(0.0000021)	0.000037 J	0.0065	0.00048	0.0016	0.00051	NA	NA
Total TEQs (WHO TEFs)	0.0000022	0.000016	0.033	0.0000079	0.00059	0.00015	NA	NA
Inorganics								
Antimony	ND(6.00)	0.980 B	13.0	0.870 B	79.0	53.0	NA	4.10 B
Arsenic	3.70	5.30	7.10	4.20	5.60	5.90	NA	5.10
Barium	46.0	18.0 B	330	26.0	56.0	190	NA	67.0
Beryllium	0.210 B	0.160 B	0.180 B	0.180 B	0.220 B	0.150 B	NA	0.120 B
Cadmium	0.320 B	0.320 B	4.50	0.600	2.90	1.00	NA	1.70
Chromium	8.00	7.80	62.0	6.40	140	19.0	NA	9.70
Cobalt	8.50	8.50	7.80	6.50	45.0	1.70 B	NA	6.70
Copper	110	23.0	6400	14.0	10000	9800	NA	220
Cyanide	ND(0.100)	ND(0.100)	0.140	ND(0.100)	0.160 B	0.0780 B	NA	1.70
Lead	16.0	20.0	1200	13.0	1200	840	NA	230
Mercury	ND(0.100)	0.0300 B	1.20	0.0690 B	2.70	5.10	NA	7.80
Nickel	16.0	14.0	170	11.0	55.0	26.0	NA	21.0
Selenium	ND(1.00) J	ND(1.00)	0.900 B	ND(1.00)	0.620 B	0.820 B	NA	ND(1.00)
Silver	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	NA	0.530 B
Sulfide	6.60	31.0	350	21.0	20.0	27.0	NA	1900
Thallium	ND(1.00)	ND(1.50)	ND(1.70)	ND(1.50)	ND(1.70)	ND(1.60)	NA	ND(1.80)
Tin	ND(10.0)	3.10 B	190	3.60 B	500	520	NA	44.0
Vanadium	7.90	9.50	9.40	6.80	19.0	8.80	NA	8.00
Zinc	73.0	40.0	2300	36.0	1800	1600	NA	240

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-L28 0-1 08/26/02	RAA12-L28 6-10 08/26/02	RAA12-L30 3-6 08/26/02	RAA12-L30 4-6 08/26/02	RAA12-M11 0-1 12/11/02	RAA12-M14 0-1 12/04/02
Volatile Organics						
1,1,1,2-Tetrachloroethane	ND(0.0055)	NA	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]
1,1,1-Trichloroethane	ND(0.0055)	NA	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]
1,1,2,2-Tetrachloroethane	ND(0.0055)	NA	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]
1,1,2-Trichloroethane	ND(0.0055)	NA	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]
1,1-Dichloroethane	ND(0.0055)	NA	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]
1,1-Dichloroethene	ND(0.0055)	NA	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]
1,2,3-Trichloropropane	ND(0.0055)	NA	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]
1,2-Dibromo-3-chloropropane	ND(0.0055)	NA	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]
1,2-Dibromoethane	ND(0.0055)	NA	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]
1,2-Dichloroethane	ND(0.0055)	NA	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]
1,2-Dichloropropane	ND(0.0055)	NA	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]
1,4-Dioxane	ND(0.11) J	NA	NA	ND(0.12) J	ND(0.11) J	ND(0.11) [ND(0.11) J]
2-Butanone	ND(0.011)	NA	NA	ND(0.012)	ND(0.011)	ND(0.011) [ND(0.011) J]
2-Chloro-1,3-butadiene	ND(0.0055)	NA	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]
2-Chloroethylvinylether	ND(0.0055) J	NA	NA	ND(0.0060) J	ND(0.0054) J	ND(0.0054) [ND(0.0056) J]
2-Hexanone	ND(0.011)	NA	NA	ND(0.012)	ND(0.011)	ND(0.011) [ND(0.011) J]
3-Chloropropene	ND(0.0055)	NA	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]
4-Methyl-2-pentanone	ND(0.011)	NA	NA	ND(0.012)	ND(0.011)	ND(0.011) [ND(0.011) J]
Acetone	ND(0.022)	NA	NA	ND(0.024)	ND(0.022)	ND(0.022) [ND(0.022) J]
Acetonitrile	ND(0.11)	NA	NA	ND(0.12)	ND(0.11)	ND(0.11) [ND(0.11) J]
Acrolein	ND(0.11) J	NA	NA	ND(0.12) J	ND(0.11) J	ND(0.11) J [ND(0.0056) J]
Acrylonitrile	ND(0.0055)	NA	NA	ND(0.0060)	ND(0.0054) J	ND(0.0054) J [ND(0.0056) J]
Benzene	ND(0.0055)	NA	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]
Bromodichloromethane	ND(0.0055)	NA	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]
Bromoform	ND(0.0055)	NA	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]
Bromomethane	ND(0.0055)	NA	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]
Carbon Disulfide	ND(0.0055)	NA	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]
Carbon Tetrachloride	ND(0.0055)	NA	NA	ND(0.0060) J	ND(0.0054)	ND(0.0054) [ND(0.0056) J]
Chlorobenzene	ND(0.0055)	NA	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]
Chloroethane	ND(0.0055)	NA	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]
Chloroform	ND(0.0055)	NA	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]
Chloromethane	ND(0.0055)	NA	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]
cis-1,3-Dichloropropene	ND(0.0055)	NA	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]
Dibromochloromethane	ND(0.0055)	NA	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]
Dibromomethane	ND(0.0055)	NA	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]
Dichlorodifluoromethane	ND(0.0055)	NA	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]
Ethyl Methacrylate	ND(0.0055)	NA	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]
Ethylbenzene	ND(0.0055)	NA	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]
Iodomethane	ND(0.0055)	NA	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]
Isobutanol	ND(0.11)	NA	NA	ND(0.12)	ND(0.11) J	ND(0.11) [ND(0.11) J]
Methacrylonitrile	ND(0.0055)	NA	NA	ND(0.0060)	ND(0.0054) J	ND(0.0054) [ND(0.0056) J]
Methyl Methacrylate	ND(0.0055)	NA	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]
Methylene Chloride	ND(0.0055)	NA	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]
Propionitrile	ND(0.011)	NA	NA	ND(0.012)	ND(0.011)	ND(0.011) [ND(0.011) J]
Styrene	ND(0.0055)	NA	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]
Tetrachloroethene	ND(0.0055)	NA	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]
Toluene	ND(0.0055)	NA	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]
trans-1,2-Dichloroethene	ND(0.0055)	NA	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]
trans-1,3-Dichloropropene	ND(0.0055)	NA	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]
trans-1,4-Dichloro-2-butene	ND(0.0055)	NA	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]
Trichloroethene	ND(0.0055)	NA	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]
Trichlorofluoromethane	ND(0.0055) J	NA	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]
Vinyl Acetate	ND(0.0055)	NA	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]
Vinyl Chloride	ND(0.0055)	NA	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]
Xylenes (total)	ND(0.0055)	NA	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
1,2,4-Trichlorobenzene	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
1,2-Dichlorobenzene	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
1,2-Diphenylhydrazine	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
1,3,5-Trinitrobenzene	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
1,3-Dichlorobenzene	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
1,3-Dinitrobenzene	ND(0.74)	ND(0.79)	ND(0.80)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
1,4-Dichlorobenzene	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
1,4-Naphthoquinone	ND(0.74)	ND(0.79)	ND(0.80)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
1-Naphthylamine	ND(0.74)	ND(0.79)	ND(0.80)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
2,3,4,6-Tetrachlorophenol	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-L28 0-1 08/26/02	RAA12-L28 6-10 08/26/02	RAA12-L30 3-6 08/26/02	RAA12-L30 4-6 08/26/02	RAA12-M11 0-1 12/11/02	RAA12-M14 0-1 12/04/02
Semivolatile Organics (continued)						
2,4,5-Trichlorophenol	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
2,4,6-Trichlorophenol	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
2,4-Dichlorophenol	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
2,4-Dimethylphenol	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
2,4-Dinitrophenol	ND(1.9)	ND(2.0)	ND(2.8)	NA	ND(4.7) J	ND(5.4) J [ND(6.4) J]
2,4-Dinitrotoluene	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
2,6-Dichlorophenol	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
2,6-Dinitrotoluene	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
2-Acetylaminofluorene	ND(0.74)	ND(0.79)	ND(0.80)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
2-Chloronaphthalene	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
2-Chlorophenol	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
2-Methylnaphthalene	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
2-Methylphenol	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
2-Naphthylamine	ND(0.74)	ND(0.79)	ND(0.80)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
2-Nitroaniline	ND(1.9)	ND(2.0)	ND(2.8)	NA	ND(4.7)	ND(5.4) [ND(6.4)]
2-Nitrophenol	ND(0.74)	ND(0.79)	ND(0.80)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
2-Picoline	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
3&4-Methylphenol	ND(0.74)	ND(0.79)	ND(0.80)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
3,3'-Dichlorobenzidine	ND(0.74)	ND(0.79) J	ND(1.1) J	NA	ND(1.9)	ND(2.2) [ND(2.5)]
3,3'-Dimethylbenzidine	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
3-Methylcholanthrene	ND(0.74)	ND(0.79)	ND(0.80)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
3-Nitroaniline	ND(1.9)	ND(2.0)	ND(2.8)	NA	ND(4.7)	ND(5.4) [ND(6.4)]
4,6-Dinitro-2-methylphenol	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
4-Aminobiphenyl	ND(0.74)	ND(0.79)	ND(0.80)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
4-Bromophenyl-phenylether	ND(0.37)	ND(0.40) J	ND(0.56) J	NA	ND(0.93) J	ND(1.1) [ND(1.3)]
4-Chloro-3-Methylphenol	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
4-Chloroaniline	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
4-Chlorobenzilate	ND(0.74)	ND(0.79)	ND(0.80)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
4-Chlorophenyl-phenylether	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
4-Nitroaniline	ND(1.9)	ND(2.0)	ND(2.0)	NA	ND(1.8)	ND(1.8) [ND(1.9)]
4-Nitrophenol	ND(1.9)	ND(2.0)	ND(2.8)	NA	ND(4.7) J	ND(5.4) J [ND(6.4) J]
4-Nitroquinoline-1-oxide	ND(0.74)	ND(0.79)	ND(0.80)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
4-Phenylenediamine	ND(0.74) J	ND(0.79) J	ND(0.80) J	NA	ND(0.93) J	ND(1.1) J [ND(1.3) J]
5-Nitro-o-toluidine	ND(0.74)	ND(0.79)	ND(0.80)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
7,12-Dimethylbenz(a)anthracene	ND(0.74)	ND(0.79)	ND(0.80)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
a,a'-Dimethylphenethylamine	ND(0.74)	ND(0.79) J	ND(0.80) J	NA	ND(0.93)	ND(1.1) [ND(1.3)]
Acenaphthene	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
Acenaphthylene	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
Acetophenone	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
Aniline	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
Anthracene	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
Aramite	ND(0.74) J	ND(0.79) J	ND(0.80) J	NA	ND(0.93)	ND(1.1) J [ND(1.3) J]
Benzidine	ND(0.74) J	ND(0.79) J	ND(1.1) J	NA	ND(1.9) J	ND(2.2) J [ND(2.5) J]
Benzo(a)anthracene	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	0.35 J [0.41 J]
Benzo(a)pyrene	ND(0.37)	0.16 J	ND(0.56)	NA	ND(0.93)	0.52 J [0.55 J]
Benzo(b)fluoranthene	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	0.29 J [0.53 J]
Benzo(g,h,i)perylene	ND(0.37)	0.12 J	ND(0.56)	NA	ND(0.93)	0.49 J [0.56 J]
Benzo(k)fluoranthene	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
Benzyl Alcohol	ND(0.74)	ND(0.79)	ND(1.1)	NA	ND(1.9)	ND(2.2) [ND(2.5)]
bis(2-Chloroethoxy)methane	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
bis(2-Chloroethyl)ether	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
bis(2-Chloroisopropyl)ether	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
bis(2-Ethylhexyl)phthalate	ND(0.36)	ND(0.39)	ND(0.40)	NA	ND(0.47)	ND(0.54) [ND(0.64)]
Butylbenzylphthalate	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
Chrysene	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93) J	0.38 J [0.31 J]
Diallate	ND(0.74)	ND(0.79)	ND(0.80)	NA	ND(0.93)	ND(1.1) J [ND(1.3) J]
Dibenzo(a,h)anthracene	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
Dibenzofuran	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
Diethylphthalate	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
Dimethylphthalate	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
Di-n-Butylphthalate	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [0.74 J]
Di-n-Octylphthalate	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
Diphenylamine	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
Ethyl Methanesulfonate	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
Fluoranthene	ND(0.37)	0.14 J	ND(0.56)	NA	ND(0.93)	0.49 J [0.66 J]

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-L28 0-1 08/26/02	RAA12-L28 6-10 08/26/02	RAA12-L30 3-6 08/26/02	RAA12-L30 4-6 08/26/02	RAA12-M11 0-1 12/11/02	RAA12-M14 0-1 12/04/02
Semivolatile Organics (continued)						
Fluorene	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
Hexachlorobenzene	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
Hexachlorobutadiene	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
Hexachlorocyclopentadiene	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
Hexachloroethane	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93) J	ND(1.1) [ND(1.3)]
Hexachlorophene	ND(0.74)	ND(0.79)	ND(1.1)	NA	ND(1.9) J	ND(2.2) J [ND(2.5) J]
Hexachloropropene	ND(0.37) J	ND(0.40)	ND(0.56)	NA	ND(0.93) J	ND(1.1) [ND(1.3)]
Indeno(1,2,3-cd)pyrene	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	0.30 J [0.29 J]
Isodrin	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
Isophorone	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
Isosafrole	ND(0.74)	ND(0.79)	ND(0.80)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
Methapyrilene	ND(0.74)	ND(0.79) J	ND(0.80) J	NA	ND(0.93)	ND(1.1) [ND(1.3)]
Methyl Methanesulfonate	ND(0.37)	ND(0.40) J	ND(0.56) J	NA	ND(0.93)	ND(1.1) [ND(1.3)]
Naphthalene	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
Nitrobenzene	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
N-Nitrosodiethylamine	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93) J	ND(1.1) [ND(1.3)]
N-Nitrosodimethylamine	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
N-Nitroso-di-n-butylamine	ND(0.74)	ND(0.79)	ND(0.80)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
N-Nitroso-di-n-propylamine	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
N-Nitrosodiphenylamine	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
N-Nitrosomethylethylamine	ND(0.74)	ND(0.79)	ND(0.80)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
N-Nitrosomorpholine	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
N-Nitrosopiperidine	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
N-Nitrosopyrrolidine	ND(0.74)	ND(0.79)	ND(0.80)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
o,o,o-Triethylphosphorothioate	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
o-Toluidine	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
p-Dimethylaminoazobenzene	ND(0.74)	ND(0.79)	ND(0.80)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
Pentachlorobenzene	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
Pentachloroethane	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
Pentachloronitrobenzene	ND(0.74) J	ND(0.79)	ND(0.80)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
Pentachlorophenol	ND(1.9)	ND(2.0)	ND(2.8)	NA	ND(4.7)	ND(5.4) [ND(6.4)]
Phenacetin	ND(0.74)	ND(0.79)	ND(0.80)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
Phenanthrene	ND(0.37)	0.15 J	ND(0.56)	NA	ND(0.93)	ND(1.1) [0.32 J]
Phenol	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
Pronamide	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
Pyrene	ND(0.37)	0.33 J	ND(0.56)	NA	ND(0.93)	0.54 J [0.80 J]
Pyridine	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
Safrole	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93) J	ND(1.1) [ND(1.3)]
Thionazin	ND(0.37)	ND(0.40)	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]
Organochlorine Pesticides						
4,4'-DDD	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA	NA
Alpha-BHC	NA	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	NA	NA	NA	NA	NA	NA
Endrin	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA	NA	NA
Endrin Ketone	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	NA	NA	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA	NA
Kepone	NA	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA	NA	NA

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

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

Sample ID:	RAA12-L28	RAA12-L28	RAA12-L30	RAA12-L30	RAA12-M11	RAA12-M14
Sample Depth(Feet):	0-1	6-10	3-6	4-6	0-1	0-1
Parameter Date Collected:	08/26/02	08/26/02	08/26/02	08/26/02	12/11/02	12/04/02
Organophosphate Pesticides						
Dimethoate	NA	NA	NA	NA	NA	NA
Disulfoton	NA	NA	NA	NA	NA	NA
Ethyl Parathion	NA	NA	NA	NA	NA	NA
Famphur	NA	NA	NA	NA	NA	NA
Methyl Parathion	NA	NA	NA	NA	NA	NA
Phorate	NA	NA	NA	NA	NA	NA
Sulfotep	NA	NA	NA	NA	NA	NA
Herbicides						
2,4,5-T	NA	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA	NA	NA
Dinoseb	NA	NA	NA	NA	NA	NA
Furans						
2,3,7,8-TCDF	0.00011 YQ	0.0000051 J	ND(0.0000015)	NA	ND(0.0000017) X	0.0000054 J [0.0000043 J]
TCDFs (total)	0.0010	0.0000051	ND(0.0000015)	NA	0.0000022	0.000047 [0.000039]
1,2,3,7,8-PeCDF	0.000073	0.0000020 J	0.0000018 J	NA	ND(0.00000086) X	0.0000032 J [ND(0.0000026) X]
2,3,4,7,8-PeCDF	0.00024	0.0000023 J	ND(0.0000026)	NA	0.0000014 J	0.0000048 J [0.0000037 J]
PeCDFs (total)	0.0042 I	0.0000086	0.0000061	NA	0.0000073	0.000051 [0.000034 Q]
1,2,3,4,7,8-HxCDF	0.00011	ND(0.0000013) X	ND(0.00000061) X	NA	0.0000018 J	0.0000040 J [0.0000035 J]
1,2,3,6,7,8-HxCDF	0.00012	ND(0.00000084) X	ND(0.0000010) X	NA	0.0000016 J	0.0000033 J [ND(0.0000028)]
1,2,3,7,8,9-HxCDF	0.000029	ND(0.0000029)	ND(0.0000026)	NA	ND(0.0000023)	ND(0.0000021) [0.00000082 J]
2,3,4,6,7,8-HxCDF	0.00040	0.00000054 J	ND(0.0000026)	NA	ND(0.0000023)	0.0000032 J [ND(0.0000025) X]
HxCDFs (total)	0.0068	0.00000054	ND(0.0000026)	NA	0.0000063	0.000034 J [0.000019 J]
1,2,3,4,6,7,8-HpCDF	0.00042	0.0000017 J	ND(0.0000026)	NA	0.0000025 J	0.000011 J [0.0000089 J]
1,2,3,4,7,8,9-HpCDF	0.000040	ND(0.0000029)	ND(0.0000026)	NA	ND(0.0000023)	ND(0.0000013) X [ND(0.0000011) X]
HpCDFs (total)	0.0011	0.0000017	ND(0.0000026)	NA	0.0000041	0.000018 J [0.0000089 J]
OCDF	0.00013	ND(0.0000058)	ND(0.0000053)	NA	ND(0.0000019) X	ND(0.0000084) X [0.0000089 J]
Dioxins						
2,3,7,8-TCDD	ND(0.0000016) X	ND(0.0000024)	ND(0.0000022)	NA	ND(0.00000093)	ND(0.00000084) [ND(0.0000011)]
TCDDs (total)	0.0000041	ND(0.0000035)	ND(0.0000031)	NA	ND(0.0000025)	ND(0.0000027) [ND(0.0000011)]
1,2,3,7,8-PeCDD	ND(0.0000073) X	ND(0.0000029)	ND(0.0000026)	NA	ND(0.0000023)	0.0000012 J [ND(0.00000097) X]
PeCDDs (total)	0.000016	ND(0.0000052)	ND(0.0000042)	NA	ND(0.0000041)	0.0000012 [ND(0.0000056)]
1,2,3,4,7,8-HxCDD	0.0000025 J	ND(0.0000029)	ND(0.0000026)	NA	ND(0.0000023)	ND(0.0000021) [0.00000085 J]
1,2,3,6,7,8-HxCDD	0.0000048 J	ND(0.0000029)	ND(0.0000026)	NA	ND(0.0000023)	ND(0.0000016) X [ND(0.0000012) X]
1,2,3,7,8,9-HxCDD	0.0000036 J	ND(0.0000029)	ND(0.0000026)	NA	ND(0.0000023)	ND(0.0000021) [ND(0.0000012) X]
HxCDDs (total)	0.000066	ND(0.0000079)	ND(0.0000064)	NA	ND(0.0000045)	0.0000011 J [0.0000036 J]
1,2,3,4,6,7,8-HpCDD	0.000025	0.0000030 J	ND(0.0000026)	NA	0.0000037 J	ND(0.0000068) [ND(0.0000066)]
HpCDDs (total)	0.000052	0.0000063	ND(0.0000026)	NA	0.0000064	0.000013 [0.000012]
OCDD	0.00010	ND(0.000049)	ND(0.0000060) X	NA	0.000018 J	ND(0.000038) [ND(0.000036)]
Total TEQs (WHO TEFs)	0.00021	0.0000052	0.0000040	NA	0.0000034	0.0000063 [0.0000044]
Inorganics						
Antimony	2.70 B	ND(6.00)	1.10 B	NA	ND(6.00) J	ND(6.00) [0.930 B]
Arsenic	9.00	9.80	32.0	NA	2.10 J	2.50 J [7.10 J]
Barium	58.0	24.0	180	NA	8.30 J	16.0 J [63.0 J]
Beryllium	0.270 B	0.320 B	0.810	NA	ND(0.50)	ND(0.50) [ND(0.50)]
Cadmium	0.830	0.680	0.680	NA	0.330 B	0.330 B [0.600]
Chromium	11.0	9.10	11.0	NA	3.20	3.60 J [6.40 J]
Cobalt	6.40	7.60	3.80 B	NA	4.00 B	4.50 B [6.20]
Copper	190	24.0	37.0	NA	11.0 J	20.0 [32.0]
Cyanide	0.0840 B	0.190	0.120 B	NA	ND(0.220)	ND(0.110) [ND(0.110)]
Lead	52.0	10.0	4.20	NA	7.70	33.0 J [120 J]
Mercury	0.490	0.0790 B	ND(0.120)	NA	ND(0.110)	0.0830 B [0.100 B]
Nickel	14.0	16.0	9.00	NA	6.60 J	7.00 [10.0]
Selenium	0.620 B	1.40	2.40	NA	ND(1.00) J	ND(1.00) J [ND(1.00) J]
Silver	ND(1.00)	ND(1.00)	ND(1.00)	NA	ND(1.00)	ND(1.00) [0.400 B]
Sulfide	120	1000	46.0	NA	20.0 J	22.0 [26.0]
Thallium	ND(1.10)	ND(1.20)	ND(1.20)	NA	ND(1.10)	ND(1.10) J [ND(1.10) J]
Tin	ND(13.0)	ND(10.0)	ND(10.0)	NA	ND(10.0)	3.30 B [7.00 B]
Vanadium	11.0	8.90	21.0	NA	10.0	7.60 [11.0]
Zinc	120	19.0	9.00	NA	22.0	34.0 J [90.0 J]

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-M20 0-1 09/11/02	RAA12-M26 0-1 08/08/02
Volatile Organics		
1,1,1,2-Tetrachloroethane	ND(0.0058)	ND(0.0053)
1,1,1-Trichloroethane	ND(0.0058)	ND(0.0053)
1,1,2,2-Tetrachloroethane	ND(0.0058)	ND(0.0053)
1,1,2-Trichloroethane	ND(0.0058)	ND(0.0053)
1,1-Dichloroethane	ND(0.0058)	ND(0.0053)
1,1-Dichloroethene	ND(0.0058)	ND(0.0053)
1,2,3-Trichloropropane	ND(0.0058)	ND(0.0053)
1,2-Dibromo-3-chloropropane	ND(0.0058)	ND(0.0053)
1,2-Dibromoethane	ND(0.0058)	ND(0.0053)
1,2-Dichloroethane	ND(0.0058)	ND(0.0053)
1,2-Dichloropropane	ND(0.0058)	ND(0.0053)
1,4-Dioxane	ND(0.12) J	ND(0.10) J
2-Butanone	ND(0.012)	ND(0.010)
2-Chloro-1,3-butadiene	ND(0.0058)	ND(0.0053)
2-Chloroethylvinylether	ND(0.0058)	ND(0.0053) J
2-Hexanone	ND(0.012)	ND(0.010)
3-Chloropropene	ND(0.0058)	ND(0.0053)
4-Methyl-2-pentanone	ND(0.012)	ND(0.010)
Acetone	ND(0.023)	ND(0.021)
Acetonitrile	ND(0.12)	ND(0.10)
Acrolein	ND(0.12) J	ND(0.10) J
Acrylonitrile	ND(0.0058) J	ND(0.0053)
Benzene	ND(0.0058)	ND(0.0053)
Bromodichloromethane	ND(0.0058)	ND(0.0053)
Bromoform	ND(0.0058)	ND(0.0053)
Bromomethane	ND(0.0058)	ND(0.0053) J
Carbon Disulfide	ND(0.0058)	ND(0.0053) J
Carbon Tetrachloride	ND(0.0058)	ND(0.0053)
Chlorobenzene	ND(0.0058)	ND(0.0053)
Chloroethane	ND(0.0058)	ND(0.0053)
Chloroform	ND(0.0058)	ND(0.0053)
Chloromethane	ND(0.0058)	ND(0.0053)
cis-1,3-Dichloropropene	ND(0.0058)	ND(0.0053)
Dibromochloromethane	ND(0.0058)	ND(0.0053)
Dibromomethane	ND(0.0058)	ND(0.0053)
Dichlorodifluoromethane	ND(0.0058)	ND(0.0053)
Ethyl Methacrylate	ND(0.0058)	ND(0.0053)
Ethylbenzene	ND(0.0058)	ND(0.0053)
Iodomethane	ND(0.0058)	ND(0.0053)
Isobutanol	ND(0.12)	ND(0.10)
Methacrylonitrile	ND(0.0058)	ND(0.0053)
Methyl Methacrylate	ND(0.0058)	ND(0.0053)
Methylene Chloride	ND(0.0058)	ND(0.0053)
Propionitrile	ND(0.012)	ND(0.010)
Styrene	ND(0.0058)	ND(0.0053)
Tetrachloroethene	ND(0.0058)	ND(0.0053)
Toluene	ND(0.0058)	ND(0.0053)
trans-1,2-Dichloroethene	ND(0.0058)	ND(0.0053)
trans-1,3-Dichloropropene	ND(0.0058)	ND(0.0053)
trans-1,4-Dichloro-2-butene	ND(0.0058)	ND(0.0053)
Trichloroethene	ND(0.0058)	0.0057
Trichlorofluoromethane	ND(0.0058) J	ND(0.0053)
Vinyl Acetate	ND(0.0058)	ND(0.0053)
Vinyl Chloride	ND(0.0058)	ND(0.0053)
Xylenes (total)	ND(0.0058)	ND(0.0053)
Semivolatile Organics		
1,2,4,5-Tetrachlorobenzene	ND(0.39)	ND(0.35)
1,2,4-Trichlorobenzene	ND(0.39)	1.3
1,2-Dichlorobenzene	ND(0.39)	ND(0.35)
1,2-Diphenylhydrazine	ND(0.39)	ND(0.35)
1,3,5-Trinitrobenzene	ND(0.39)	ND(0.35)
1,3-Dichlorobenzene	ND(0.39)	ND(0.35)
1,3-Dinitrobenzene	ND(0.78)	ND(0.71)
1,4-Dichlorobenzene	ND(0.39)	ND(0.35)
1,4-Naphthoquinone	ND(0.78)	ND(0.71)
1-Naphthylamine	ND(0.78)	ND(0.71)
2,3,4,6-Tetrachlorophenol	ND(0.39)	ND(0.35)

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-M20 0-1 09/11/02	RAA12-M26 0-1 08/08/02
Semivolatile Organics (continued)		
2,4,5-Trichlorophenol	ND(0.39)	ND(0.35)
2,4,6-Trichlorophenol	ND(0.39)	ND(0.35)
2,4-Dichlorophenol	ND(0.39)	ND(0.35)
2,4-Dimethylphenol	ND(0.39)	ND(0.35)
2,4-Dinitrophenol	ND(2.0)	ND(1.8)
2,4-Dinitrotoluene	ND(0.39)	ND(0.35)
2,6-Dichlorophenol	ND(0.39)	ND(0.35)
2,6-Dinitrotoluene	ND(0.39)	ND(0.35)
2-Acetylaminofluorene	ND(0.78)	ND(0.71)
2-Chloronaphthalene	ND(0.39)	ND(0.35)
2-Chlorophenol	ND(0.39)	ND(0.35)
2-Methylnaphthalene	ND(0.39)	ND(0.35)
2-Methylphenol	ND(0.39)	ND(0.35)
2-Naphthylamine	ND(0.78)	ND(0.71)
2-Nitroaniline	ND(2.0) J	ND(1.8)
2-Nitrophenol	ND(0.78)	ND(0.71)
2-Picoline	ND(0.39)	ND(0.35)
3&4-Methylphenol	ND(0.78)	ND(0.71)
3,3'-Dichlorobenzidine	ND(0.78) J	ND(0.71)
3,3'-Dimethylbenzidine	ND(0.39) J	ND(0.35)
3-Methylcholanthrene	ND(0.78)	ND(0.71)
3-Nitroaniline	ND(2.0)	ND(1.8)
4,6-Dinitro-2-methylphenol	ND(0.39) J	ND(0.35)
4-Aminobiphenyl	ND(0.78) J	ND(0.71) J
4-Bromophenyl-phenylether	ND(0.39)	ND(0.35)
4-Chloro-3-Methylphenol	ND(0.39)	ND(0.35)
4-Chloroaniline	ND(0.39)	ND(0.35)
4-Chlorobenzilate	ND(0.78)	ND(0.71)
4-Chlorophenyl-phenylether	ND(0.39)	ND(0.35)
4-Nitroaniline	ND(2.0)	ND(1.8) J
4-Nitrophenol	ND(2.0)	ND(1.8)
4-Nitroquinoline-1-oxide	ND(0.78)	ND(0.71) J
4-Phenylenediamine	ND(0.78) J	ND(0.71) J
5-Nitro-o-toluidine	ND(0.78)	ND(0.71)
7,12-Dimethylbenz(a)anthracene	ND(0.78)	ND(0.71)
a,a'-Dimethylphenethylamine	ND(0.78)	ND(0.71)
Acenaphthene	ND(0.39)	0.076 J
Acenaphthylene	ND(0.39)	0.71
Acetophenone	ND(0.39)	ND(0.35)
Aniline	ND(0.39)	0.10 J
Anthracene	ND(0.39)	1.6
Aramite	ND(0.78) J	ND(0.71) J
Benzidine	ND(0.78) J	ND(0.71)
Benzo(a)anthracene	0.17 J	5.5
Benzo(a)pyrene	0.24 J	3.4
Benzo(b)fluoranthene	0.26 J	3.6
Benzo(g,h,i)perylene	0.19 J	2.8
Benzo(k)fluoranthene	0.16 J	4.0
Benzyl Alcohol	ND(0.78)	ND(0.71)
bis(2-Chloroethoxy)methane	ND(0.39)	ND(0.35)
bis(2-Chloroethyl)ether	ND(0.39)	ND(0.35)
bis(2-Chloroisopropyl)ether	ND(0.39)	ND(0.35)
bis(2-Ethylhexyl)phthalate	ND(0.38)	ND(0.35)
Butylbenzylphthalate	ND(0.39)	ND(0.35)
Chrysene	0.31 J	6.8
Diallate	ND(0.78)	ND(0.71)
Dibenzo(a,h)anthracene	ND(0.39)	ND(0.35)
Dibenzofuran	ND(0.39)	0.18 J
Diethylphthalate	ND(0.39)	ND(0.35)
Dimethylphthalate	ND(0.39)	ND(0.35)
Di-n-Butylphthalate	ND(0.39)	ND(0.35)
Di-n-Octylphthalate	ND(0.39)	ND(0.35)
Diphenylamine	ND(0.39)	ND(0.35)
Ethyl Methanesulfonate	ND(0.39)	ND(0.35)
Fluoranthene	0.37 J	13

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

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

Parameter / Sample ID:	RAA12-M20	RAA12-M26
Sample Depth(Feet):	0-1	0-1
Date Collected:	09/11/02	08/08/02
Semivolatile Organics (continued)		
Fluorene	ND(0.39)	0.79
Hexachlorobenzene	ND(0.39)	ND(0.35)
Hexachlorobutadiene	ND(0.39)	ND(0.35)
Hexachlorocyclopentadiene	ND(0.39)	ND(0.35)
Hexachloroethane	ND(0.39)	ND(0.35)
Hexachlorophene	ND(0.78)	ND(0.71)
Hexachloropropene	ND(0.39) J	ND(0.35)
Indeno(1,2,3-cd)pyrene	0.20 J	2.3
Isodrin	ND(0.39)	ND(0.35)
Isophorone	ND(0.39)	ND(0.35)
Isosafrole	ND(0.78)	ND(0.71)
Methapyrilene	ND(0.78) J	ND(0.71)
Methyl Methanesulfonate	ND(0.39)	ND(0.35)
Naphthalene	ND(0.39)	0.072 J
Nitrobenzene	ND(0.39)	ND(0.35)
N-Nitrosodiethylamine	ND(0.39)	ND(0.35)
N-Nitrosodimethylamine	ND(0.39)	ND(0.35)
N-Nitroso-di-n-butylamine	ND(0.78)	ND(0.71)
N-Nitroso-di-n-propylamine	ND(0.39)	ND(0.35)
N-Nitrosodiphenylamine	ND(0.39)	ND(0.35)
N-Nitrosomethylethylamine	ND(0.78)	ND(0.71)
N-Nitrosomorpholine	ND(0.39)	ND(0.35)
N-Nitrosopiperidine	ND(0.39)	ND(0.35)
N-Nitrosopyrrolidine	ND(0.78)	ND(0.71)
o,o,o-Triethylphosphorothioate	ND(0.39)	ND(0.35)
o-Toluidine	ND(0.39)	ND(0.35)
p-Dimethylaminoazobenzene	ND(0.78)	ND(0.71) J
Pentachlorobenzene	ND(0.39)	ND(0.35)
Pentachloroethane	ND(0.39)	ND(0.35)
Pentachloronitrobenzene	ND(0.78)	ND(0.71) J
Pentachlorophenol	ND(2.0)	ND(1.8)
Phenacetin	ND(0.78)	ND(0.71)
Phenanthrene	0.14 J	12
Phenol	ND(0.39)	ND(0.35)
Pronamide	ND(0.39)	ND(0.35)
Pyrene	0.40	31
Pyridine	ND(0.39)	ND(0.35)
Safrole	ND(0.39)	ND(0.35)
Thionazin	ND(0.39) J	ND(0.35)
Organochlorine Pesticides		
4,4'-DDD	NA	NA
4,4'-DDE	NA	NA
4,4'-DDT	NA	NA
Aldrin	NA	NA
Alpha-BHC	NA	NA
Alpha-Chlordane	NA	NA
Beta-BHC	NA	NA
Delta-BHC	NA	NA
Dieldrin	NA	NA
Endosulfan I	NA	NA
Endosulfan II	NA	NA
Endosulfan Sulfate	NA	NA
Endrin	NA	NA
Endrin Aldehyde	NA	NA
Endrin Ketone	NA	NA
Gamma-BHC (Lindane)	NA	NA
Gamma-Chlordane	NA	NA
Heptachlor	NA	NA
Heptachlor Epoxide	NA	NA
Kepone	NA	NA
Methoxychlor	NA	NA
Technical Chlordane	NA	NA
Toxaphene	NA	NA

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-M20 0-1 09/11/02	RAA12-M26 0-1 08/08/02
Organophosphate Pesticides		
Dimethoate	NA	NA
Disulfoton	NA	NA
Ethyl Parathion	NA	NA
Famphur	NA	NA
Methyl Parathion	NA	NA
Phorate	NA	NA
Sulfotep	NA	NA
Herbicides		
2,4,5-T	NA	NA
2,4,5-TP	NA	NA
2,4-D	NA	NA
Dinoseb	NA	NA
Furans		
2,3,7,8-TCDF	0.000010 J	0.016 YEJ
TCDFs (total)	0.000065	0.065
1,2,3,7,8-PeCDF	0.0000040 J	0.0063
2,3,4,7,8-PeCDF	0.0000051 J	0.0078
PeCDFs (total)	0.000049	0.050 QI
1,2,3,4,7,8-HxCDF	0.0000046 J	0.023 EIJ
1,2,3,6,7,8-HxCDF	0.0000031 J	0.012 EIJ
1,2,3,7,8,9-HxCDF	ND(0.0000027)	0.0013 Q
2,3,4,6,7,8-HxCDF	ND(0.0000033) X	0.0064
HxCDFs (total)	0.000042	0.086 QI
1,2,3,4,6,7,8-HpCDF	0.0000079 J	0.020 EIJ
1,2,3,4,7,8,9-HpCDF	ND(0.0000027)	0.0077
HpCDFs (total)	0.000016	0.037 I
OCDF	0.000010 J	0.024 EJ
Dioxins		
2,3,7,8-TCDD	ND(0.0000024)	ND(0.000034) X
TCDDs (total)	0.0000032	0.00084
1,2,3,7,8-PeCDD	ND(0.0000027)	0.00020
PeCDDs (total)	0.0000016	0.0022 Q
1,2,3,4,7,8-HxCDD	ND(0.0000029)	0.00017
1,2,3,6,7,8-HxCDD	ND(0.0000027)	0.00027
1,2,3,7,8,9-HxCDD	ND(0.0000027)	0.00021
HxCDDs (total)	ND(0.0000027)	0.0039
1,2,3,4,6,7,8-HpCDD	0.0000074 J	0.0015
HpCDDs (total)	0.000013	0.0030
OCDD	ND(0.000047)	0.0052
Total TEQs (WHO TEFs)	0.0000080	0.011
Inorganics		
Antimony	ND(6.0)	8.50 J
Arsenic	6.90	3.80
Barium	69.0	87.0 J
Beryllium	0.260 B	0.170 B
Cadmium	0.310 B	1.40
Chromium	7.30	30.0 J
Cobalt	5.90	6.00
Copper	32.0	470 J
Cyanide	0.190	0.0900 B
Lead	170	290
Mercury	0.150 B	0.500 J
Nickel	10.0	18.0 J
Selenium	ND(1.00)	ND(1.00)
Silver	ND(1.00)	0.960 B
Sulfide	30.0	25.0 J
Thallium	1.00 B	ND(1.60)
Tin	100	17.0 J
Vanadium	13.0	5.20
Zinc	81.0	560 J

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-N5 0-1 12/17/02	RAA12-N8 0-1 12/11/02	RAA12-N8 1-3 12/11/02	RAA12-N8 5-7 12/11/02	RAA12-N8 6-10 12/11/02	RAA12-N10 0-1 12/12/02	RAA12-N10 10-15 12/12/02	RAA12-N10 12-14 12/12/02
Volatile Organics								
1,1,1,2-Tetrachloroethane	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA	ND(0.0054)	NA	ND(0.0066)
1,1,1-Trichloroethane	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA	ND(0.0054)	NA	ND(0.0066)
1,1,2,2-Tetrachloroethane	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA	ND(0.0054)	NA	ND(0.0066)
1,1,2-Trichloroethane	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA	ND(0.0054)	NA	ND(0.0066)
1,1-Dichloroethane	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA	ND(0.0054)	NA	ND(0.0066)
1,1-Dichloroethene	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA	ND(0.0054)	NA	ND(0.0066)
1,2,3-Trichloropropane	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA	ND(0.0054)	NA	ND(0.0066)
1,2-Dibromo-3-chloropropane	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA	ND(0.0054)	NA	ND(0.0066)
1,2-Dibromoethane	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA	ND(0.0054)	NA	ND(0.0066)
1,2-Dichloroethane	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA	ND(0.0054)	NA	ND(0.0066)
1,2-Dichloropropane	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA	ND(0.0054)	NA	ND(0.0066)
1,4-Dioxane	ND(0.11)	ND(0.11) J	ND(0.12) J	ND(0.11) J	NA	ND(0.11)	NA	ND(0.13)
2-Butanone	ND(0.011)	ND(0.011)	ND(0.012)	ND(0.011)	NA	ND(0.011)	NA	ND(0.013)
2-Chloro-1,3-butadiene	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA	ND(0.0054)	NA	ND(0.0066)
2-Chloroethylvinylether	ND(0.0056) J	ND(0.0054) J	ND(0.0060) J	ND(0.0055) J	NA	ND(0.0054)	NA	ND(0.0066)
2-Hexanone	ND(0.011)	ND(0.011)	ND(0.012)	ND(0.011)	NA	ND(0.011)	NA	ND(0.013)
3-Chloropropene	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA	ND(0.0054)	NA	ND(0.0066)
4-Methyl-2-pentanone	ND(0.011)	ND(0.011)	ND(0.012)	ND(0.011)	NA	ND(0.011)	NA	ND(0.013)
Acetone	ND(0.022)	ND(0.022)	ND(0.024)	ND(0.022)	NA	ND(0.022)	NA	ND(0.026)
Acetonitrile	ND(0.11)	ND(0.11)	ND(0.12)	ND(0.11)	NA	ND(0.11)	NA	ND(0.13)
Acrolein	ND(0.11) J	ND(0.11) J	ND(0.12) J	ND(0.11) J	NA	ND(0.11) J	NA	ND(0.13) J
Acrylonitrile	ND(0.0056) J	ND(0.0054) J	ND(0.0060) J	ND(0.0055) J	NA	ND(0.0054)	NA	ND(0.0066)
Benzene	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA	ND(0.0054)	NA	ND(0.0066)
Bromodichloromethane	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA	ND(0.0054)	NA	ND(0.0066)
Bromoform	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA	ND(0.0054)	NA	ND(0.0066)
Bromomethane	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA	ND(0.0054)	NA	ND(0.0066)
Carbon Disulfide	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA	ND(0.0054) J	NA	ND(0.0066) J
Carbon Tetrachloride	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA	ND(0.0054)	NA	ND(0.0066)
Chlorobenzene	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA	ND(0.0054)	NA	ND(0.0066)
Chloroethane	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA	ND(0.0054)	NA	ND(0.0066)
Chloroform	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA	ND(0.0054)	NA	ND(0.0066)
Chloromethane	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA	ND(0.0054)	NA	ND(0.0066)
cis-1,3-Dichloropropene	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA	ND(0.0054)	NA	ND(0.0066)
Dibromochloromethane	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA	ND(0.0054)	NA	ND(0.0066)
Dibromomethane	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA	ND(0.0054)	NA	ND(0.0066)
Dichlorodifluoromethane	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA	ND(0.0054)	NA	ND(0.0066)
Ethyl Methacrylate	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA	ND(0.0054)	NA	ND(0.0066)
Ethylbenzene	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA	ND(0.0054)	NA	ND(0.0066)
Iodomethane	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA	ND(0.0054)	NA	ND(0.0066)
Isobutanol	ND(0.11) J	ND(0.11) J	ND(0.12) J	ND(0.11) J	NA	ND(0.11)	NA	ND(0.13)
Methacrylonitrile	ND(0.0056) J	ND(0.0054) J	ND(0.0060) J	ND(0.0055) J	NA	ND(0.0054)	NA	ND(0.0066)
Methyl Methacrylate	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA	ND(0.0054)	NA	ND(0.0066)
Methylene Chloride	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA	ND(0.0054)	NA	ND(0.0066)
Propionitrile	ND(0.011)	ND(0.011)	ND(0.012)	ND(0.011)	NA	ND(0.011)	NA	ND(0.013)
Styrene	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA	ND(0.0054)	NA	ND(0.0066)
Tetrachloroethene	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA	ND(0.0054)	NA	ND(0.0066)
Toluene	ND(0.0056)	0.0091	ND(0.0060)	ND(0.0055)	NA	ND(0.0054)	NA	ND(0.0066)
trans-1,2-Dichloroethene	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA	ND(0.0054)	NA	ND(0.0066)
trans-1,3-Dichloropropene	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA	ND(0.0054)	NA	ND(0.0066)
trans-1,4-Dichloro-2-butene	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA	ND(0.0054)	NA	ND(0.0066)
Trichloroethene	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA	ND(0.0054)	NA	ND(0.0066)
Trichlorofluoromethane	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA	ND(0.0054)	NA	ND(0.0066)
Vinyl Acetate	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA	ND(0.0054)	NA	ND(0.0066)
Vinyl Chloride	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA	ND(0.0054)	NA	ND(0.0066)
Xylenes (total)	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA	ND(0.0054)	NA	ND(0.0066)
Semivolatile Organics								
1,2,4,5-Tetrachlorobenzene	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
1,2,4-Trichlorobenzene	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
1,2-Dichlorobenzene	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
1,2-Diphenylhydrazine	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
1,3,5-Trinitrobenzene	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
1,3-Dichlorobenzene	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
1,3-Dinitrobenzene	ND(0.75)	ND(0.73)	ND(0.80)	NA	ND(0.73)	ND(0.72)	ND(0.89)	NA
1,4-Dichlorobenzene	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
1,4-Naphthoquinone	ND(0.75)	ND(0.73)	ND(0.80)	NA	ND(0.73)	ND(0.72)	ND(0.89)	NA
1-Naphthylamine	ND(0.75)	ND(0.73)	ND(0.80)	NA	ND(0.73)	ND(0.72)	ND(0.89)	NA
2,3,4,6-Tetrachlorophenol	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-N5 0-1 12/17/02	RAA12-N8 0-1 12/11/02	RAA12-N8 1-3 12/11/02	RAA12-N8 5-7 12/11/02	RAA12-N8 6-10 12/11/02	RAA12-N10 0-1 12/12/02	RAA12-N10 10-15 12/12/02	RAA12-N10 12-14 12/12/02
Semivolatile Organics (continued)								
2,4,5-Trichlorophenol	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
2,4,6-Trichlorophenol	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
2,4-Dichlorophenol	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
2,4-Dimethylphenol	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
2,4-Dinitrophenol	ND(1.9) J	ND(3.6) J	ND(2.0) J	NA	ND(1.8) J	ND(1.8)	ND(2.2)	NA
2,4-Dinitrotoluene	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
2,6-Dichlorophenol	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
2,6-Dinitrotoluene	ND(0.37) J	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36) J	ND(0.44) J	NA
2-Acetylaminofluorene	ND(0.75)	ND(0.73)	ND(0.80)	NA	ND(0.73)	ND(0.72)	ND(0.89)	NA
2-Chloronaphthalene	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
2-Chlorophenol	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
2-Methylnaphthalene	ND(0.37)	4.5	0.080 J	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
2-Methylphenol	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
2-Naphthylamine	ND(0.75)	ND(0.73)	ND(0.80)	NA	ND(0.73)	ND(0.72)	ND(0.89)	NA
2-Nitroaniline	ND(1.9) J	ND(3.6)	ND(2.0)	NA	ND(1.8)	ND(1.8)	ND(2.2)	NA
2-Nitrophenol	ND(0.75)	ND(0.73)	ND(0.80)	NA	ND(0.73)	ND(0.72)	ND(0.89)	NA
2-Picoline	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
3&4-Methylphenol	ND(0.75)	ND(0.73)	ND(0.80)	NA	ND(0.73)	ND(0.72)	ND(0.89)	NA
3,3'-Dichlorobenzidine	ND(0.75)	ND(1.4)	ND(0.80)	NA	ND(0.73)	ND(0.72)	ND(0.89)	NA
3,3'-Dimethylbenzidine	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
3-Methylcholanthrene	ND(0.75)	ND(0.73)	ND(0.80)	NA	ND(0.73)	ND(0.72)	ND(0.89)	NA
3-Nitroaniline	ND(1.9) J	ND(3.6)	ND(2.0)	NA	ND(1.8)	ND(1.8)	ND(2.2)	NA
4,6-Dinitro-2-methylphenol	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
4-Aminobiphenyl	ND(0.75)	ND(0.73)	ND(0.80)	NA	ND(0.73)	ND(0.72) J	ND(0.89) J	NA
4-Bromophenyl-phenylether	ND(0.37)	ND(0.72) J	ND(0.40) J	NA	ND(0.36) J	ND(0.36)	ND(0.44)	NA
4-Chloro-3-Methylphenol	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
4-Chloroaniline	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
4-Chlorobenzilate	ND(0.75)	ND(0.73)	ND(0.80)	NA	ND(0.73)	ND(0.72)	ND(0.89)	NA
4-Chlorophenyl-phenylether	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
4-Nitroaniline	ND(1.9)	ND(1.8)	ND(2.0)	NA	ND(1.8)	ND(1.8)	ND(2.2)	NA
4-Nitrophenol	ND(1.9)	ND(3.6) J	ND(2.0) J	NA	ND(1.8) J	ND(1.8) J	ND(2.2) J	NA
4-Nitroquinoline-1-oxide	ND(0.75) J	ND(0.73)	ND(0.80)	NA	ND(0.73)	ND(0.72)	ND(0.89)	NA
4-Phenylenediamine	ND(0.75)	ND(0.73) J	ND(0.80) J	NA	ND(0.73) J	ND(0.72) J	ND(0.89) J	NA
5-Nitro-o-toluidine	ND(0.75)	ND(0.73)	ND(0.80)	NA	ND(0.73)	ND(0.72)	ND(0.89)	NA
7,12-Dimethylbenz(a)anthracene	ND(0.75)	ND(0.73)	ND(0.80)	NA	ND(0.73)	ND(0.72)	ND(0.89)	NA
a,a'-Dimethylphenethylamine	ND(0.75)	ND(0.73)	ND(0.80)	NA	ND(0.73)	ND(0.72)	ND(0.89)	NA
Acenaphthene	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
Acenaphthylene	ND(0.37)	10	0.53	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
Acetophenone	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
Aniline	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
Anthracene	ND(0.37)	9.8	0.27 J	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
Aramite	ND(0.75)	ND(0.73)	ND(0.80)	NA	ND(0.73)	ND(0.72) J	ND(0.89) J	NA
Benzidine	ND(0.75)	ND(1.4) J	ND(0.80) J	NA	ND(0.73) J	ND(0.72)	ND(0.89)	NA
Benzo(a)anthracene	ND(0.37)	26	0.41	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
Benzo(a)pyrene	ND(0.37)	29	0.63	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
Benzo(b)fluoranthene	ND(0.37)	33	0.63	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
Benzo(g,h,i)perylene	ND(0.37)	12	1.3	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
Benzo(k)fluoranthene	ND(0.37)	7.8	0.27 J	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
Benzyl Alcohol	ND(0.75)	ND(1.4)	ND(0.80)	NA	ND(0.73)	ND(0.72)	ND(0.89)	NA
bis(2-Chloroethoxy)methane	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
bis(2-Chloroethyl)ether	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
bis(2-Chloroisopropyl)ether	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
bis(2-Ethylhexyl)phthalate	ND(0.37)	0.71	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
Butylbenzylphthalate	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
Chrysene	ND(0.37)	28 J	0.50 J	NA	ND(0.36) J	ND(0.36)	ND(0.44)	NA
Diallate	ND(0.75)	ND(0.73)	ND(0.80)	NA	ND(0.73)	ND(0.72)	ND(0.89)	NA
Dibenzo(a,h)anthracene	ND(0.37)	3.9	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
Dibenzofuran	ND(0.37)	2.7	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
Diethylphthalate	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
Dimethylphthalate	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
Di-n-Butylphthalate	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
Di-n-Octylphthalate	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
Diphenylamine	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
Ethyl Methanesulfonate	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
Fluoranthene	ND(0.37)	48	0.52	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-N5 0-1 12/17/02	RAA12-N8 0-1 12/11/02	RAA12-N8 1-3 12/11/02	RAA12-N8 5-7 12/11/02	RAA12-N8 6-10 12/11/02	RAA12-N10 0-1 12/12/02	RAA12-N10 10-15 12/12/02	RAA12-N10 12-14 12/12/02
Semivolatile Organics (continued)								
Fluorene	ND(0.37)	7.0	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
Hexachlorobenzene	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
Hexachlorobutadiene	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
Hexachlorocyclopentadiene	ND(0.37) J	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
Hexachloroethane	ND(0.37)	ND(0.72) J	ND(0.40) J	NA	ND(0.36) J	ND(0.36)	ND(0.44)	NA
Hexachlorophene	ND(0.75) J	ND(1.4) J	ND(0.80) J	NA	ND(0.73) J	ND(0.72) J	ND(0.89) J	NA
Hexachloropropene	ND(0.37)	ND(0.72) J	ND(0.40) J	NA	ND(0.36) J	ND(0.36)	ND(0.44)	NA
Indeno(1,2,3-cd)pyrene	ND(0.37)	12	0.67	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
Isodrin	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
Isophorone	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
Isosafrole	ND(0.75)	ND(0.73)	ND(0.80)	NA	ND(0.73)	ND(0.72)	ND(0.89)	NA
Methapyrilene	ND(0.75)	ND(0.73)	ND(0.80)	NA	ND(0.73)	ND(0.72)	ND(0.89)	NA
Methyl Methanesulfonate	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
Naphthalene	ND(0.37)	2.4	0.10 J	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
Nitrobenzene	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
N-Nitrosodiethylamine	ND(0.37)	ND(0.72) J	ND(0.40) J	NA	ND(0.36) J	ND(0.36)	ND(0.44)	NA
N-Nitrosodimethylamine	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
N-Nitroso-di-n-butylamine	ND(0.75)	ND(0.73)	ND(0.80)	NA	ND(0.73)	ND(0.72)	ND(0.89)	NA
N-Nitroso-di-n-propylamine	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
N-Nitrosodiphenylamine	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
N-Nitrosomethylethylamine	ND(0.75)	ND(0.73)	ND(0.80)	NA	ND(0.73)	ND(0.72)	ND(0.89)	NA
N-Nitrosomorpholine	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
N-Nitrosopiperidine	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
N-Nitrosopyrrolidine	ND(0.75)	ND(0.73)	ND(0.80)	NA	ND(0.73)	ND(0.72) J	ND(0.89) J	NA
o,o,o-Triethylphosphorothioate	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
o-Toluidine	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
p-Dimethylaminoazobenzene	ND(0.75)	ND(0.73)	ND(0.80)	NA	ND(0.73)	ND(0.72)	ND(0.89)	NA
Pentachlorobenzene	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
Pentachloroethane	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
Pentachloronitrobenzene	ND(0.75)	ND(0.73)	ND(0.80)	NA	ND(0.73)	ND(0.72)	ND(0.89)	NA
Pentachlorophenol	ND(1.9)	ND(3.6)	ND(2.0)	NA	ND(1.8)	ND(1.8)	ND(2.2)	NA
Phenacetin	ND(0.75)	ND(0.73)	ND(0.80)	NA	ND(0.73)	ND(0.72)	ND(0.89)	NA
Phenanthrene	ND(0.37)	39	0.30 J	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
Phenol	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
Pronamide	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
Pyrene	ND(0.37)	63	0.74	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
Pyridine	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
Safrole	ND(0.37)	ND(0.72) J	ND(0.40) J	NA	ND(0.36) J	ND(0.36)	ND(0.44)	NA
Thionazin	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)	ND(0.36)	ND(0.44)	NA
Organochlorine Pesticides								
4,4'-DDD	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA	NA	NA	NA
Alpha-BHC	NA	NA	NA	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	NA	NA	NA	NA	NA	NA	NA	NA
Endrin	NA	NA	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA	NA	NA	NA	NA
Endrin Ketone	NA	NA	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA	NA	NA	NA
Kepone	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA	NA	NA	NA	NA

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

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

Sample ID:	RAA12-N5	RAA12-N8	RAA12-N8	RAA12-N8	RAA12-N8	RAA12-N10	RAA12-N10	RAA12-N10
Sample Depth(Feet):	0-1	0-1	1-3	5-7	6-10	0-1	10-15	12-14
Parameter Date Collected:	12/17/02	12/11/02	12/11/02	12/11/02	12/11/02	12/12/02	12/12/02	12/12/02
Organophosphate Pesticides								
Dimethoate	NA	NA	NA	NA	NA	NA	NA	NA
Disulfoton	NA	NA	NA	NA	NA	NA	NA	NA
Ethyl Parathion	NA	NA	NA	NA	NA	NA	NA	NA
Famphur	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Parathion	NA	NA	NA	NA	NA	NA	NA	NA
Phorate	NA	NA	NA	NA	NA	NA	NA	NA
Sulfotep	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides								
2,4,5-T	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA	NA	NA	NA	NA
Dinoseb	NA	NA	NA	NA	NA	NA	NA	NA
Furans								
2,3,7,8-TCDF	ND(0.00000039) X	ND(0.0000014)	0.0000062 J	NA	ND(0.00000023)	ND(0.00000010)	ND(0.00000018)	NA
TCDFs (total)	ND(0.00000059)	0.0000044	0.000081	NA	ND(0.00000023)	ND(0.00000010)	ND(0.00000018)	NA
1,2,3,7,8-PeCDF	0.00000033 J	ND(0.0000023)	0.0000029 J	NA	0.00000016 J	ND(0.00000024)	ND(0.00000029)	NA
2,3,4,7,8-PeCDF	ND(0.00000041)	0.0000024 J	0.000046	NA	0.00000014 J	ND(0.000000061)	ND(0.00000029)	NA
PeCDFs (total)	ND(0.0000011)	0.000015 Q	0.00037 Q	NA	0.00000030	0.00000026	ND(0.00000029)	NA
1,2,3,4,7,8-HxCDF	0.00000029 J	ND(0.0000023)	0.0000069 J	NA	0.00000016 J	ND(0.00000024)	ND(0.00000029)	NA
1,2,3,6,7,8-HxCDF	0.00000042 J	ND(0.0000023)	0.000010 J	NA	0.00000025 J	ND(0.00000024)	ND(0.00000029)	NA
1,2,3,7,8,9-HxCDF	ND(0.00000045)	ND(0.0000023)	0.0000037 J	NA	0.00000019 J	ND(0.00000024)	ND(0.00000029)	NA
2,3,4,6,7,8-HxCDF	ND(0.0000015)	ND(0.0000023)	0.000032	NA	ND(0.00000059)	ND(0.00000024)	ND(0.00000029)	NA
HxCDFs (total)	ND(0.0000017)	0.0000035	0.00041	NA	0.00000059	0.00000037	ND(0.00000029)	NA
1,2,3,4,6,7,8-HpCDF	ND(0.00000059)	0.0000015 J	0.000020 J	NA	0.00000027 J	0.000000095 J	ND(0.00000029)	NA
1,2,3,4,7,8,9-HpCDF	ND(0.00000038)	ND(0.0000023)	0.0000020 J	NA	0.00000018 J	ND(0.00000024)	ND(0.00000029)	NA
HpCDFs (total)	ND(0.00000097)	0.0000015	0.000055	NA	0.00000045	0.000000095	ND(0.00000029)	NA
OCDF	0.0000010 J	ND(0.0000045)	0.0000075 J	NA	0.00000044 J	ND(0.00000048)	ND(0.00000058)	NA
Dioxins								
2,3,7,8-TCDD	ND(0.00000059)	ND(0.0000015)	ND(0.00000089)	NA	ND(0.00000023)	ND(0.00000010)	ND(0.00000012)	NA
TCDDs (total)	ND(0.00000094)	ND(0.0000019)	ND(0.0000026)	NA	ND(0.00000069)	ND(0.00000028)	ND(0.00000035)	NA
1,2,3,7,8-PeCDD	0.00000040 J	ND(0.0000023)	ND(0.0000015) X	NA	ND(0.00000059)	ND(0.00000024)	ND(0.00000029)	NA
PeCDDs (total)	0.00000040	ND(0.0000032)	0.0000048	NA	ND(0.0000010)	ND(0.00000043)	ND(0.00000048)	NA
1,2,3,4,7,8-HxCDD	ND(0.0000015)	ND(0.0000023)	ND(0.0000022)	NA	ND(0.00000059)	ND(0.00000024)	ND(0.00000029)	NA
1,2,3,6,7,8-HxCDD	ND(0.0000015)	ND(0.0000023)	0.0000026 J	NA	ND(0.00000059)	ND(0.00000024)	ND(0.00000029)	NA
1,2,3,7,8,9-HxCDD	ND(0.0000015)	ND(0.0000023)	ND(0.0000014) X	NA	ND(0.00000059)	ND(0.00000024)	ND(0.00000029)	NA
HxCDDs (total)	ND(0.0000015)	ND(0.0000038)	0.000015	NA	ND(0.00000092)	ND(0.00000035)	ND(0.00000060)	NA
1,2,3,4,6,7,8-HpCDD	ND(0.0000013)	0.0000029 J	0.0000096 J	NA	ND(0.00000050)	ND(0.00000023)	ND(0.00000027)	NA
HpCDDs (total)	ND(0.0000013)	0.0000050	0.000019	NA	ND(0.00000050)	ND(0.00000023)	ND(0.00000027)	NA
OCDD	ND(0.0000078)	0.000013 JQ	0.000036 J	NA	ND(0.0000022)	ND(0.0000012)	ND(0.0000010)	NA
Total TEQs (WHO TEFs)	0.0000012	0.0000041	0.000031	NA	0.00000068	0.00000028	0.00000040	NA
Inorganics								
Antimony	2.00 B	ND(6.00) J	ND(6.00) J	NA	ND(6.00) J	ND(6.00)	ND(6.00)	NA
Arsenic	6.70	4.30 J	4.80 J	NA	1.60 J	2.20	1.50	NA
Barium	24.0	12.0 J	42.0 J	NA	7.70 J	19.0 B	10.0 B	NA
Beryllium	1.70	ND(0.50)	ND(0.50)	NA	ND(0.50)	0.370 B	0.260 B	NA
Cadmium	1.60	0.410 B	0.580	NA	0.250 B	0.440 B	0.320 B	NA
Chromium	10.0	5.40	5.50	NA	6.70	5.00	4.70	NA
Cobalt	12.0	6.50	4.90 B	NA	5.00	6.50	5.50	NA
Copper	22.0	19.0 J	45.0 J	NA	10.0 J	8.30	12.0	NA
Cyanide	ND(0.110)	ND(0.220)	ND(0.240)	NA	ND(0.110)	ND(0.220)	ND(0.260)	NA
Lead	12.0	8.60	130	NA	4.70	3.70	3.40	NA
Mercury	0.0410 B	0.0410 B	0.440	NA	0.0560 B	0.0310 B	ND(0.130)	NA
Nickel	20.0	11.0 J	11.0 J	NA	8.60 J	9.30	8.80	NA
Selenium	2.40	ND(1.00) J	ND(1.00) J	NA	ND(1.00) J	ND(1.00)	ND(1.00)	NA
Silver	1.60	ND(1.00)	ND(1.00)	NA	ND(1.00)	ND(1.00)	ND(1.00)	NA
Sulfide	24.0	44.0 J	36.0 J	NA	26.0 J	6.90	37.0	NA
Thallium	1.90	ND(1.10)	ND(1.20)	NA	ND(1.10)	ND(1.10)	ND(1.30)	NA
Tin	ND(10.0)	ND(10.0)	37.0	NA	ND(10.0)	ND(10.0)	ND(10.0)	NA
Vanadium	9.70	12.0	7.00	NA	5.00	6.90	5.00 B	NA
Zinc	51.0	37.0	100	NA	25.0	27.0	25.0	NA

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-N12 0-1 12/12/02	RAA12-N12 6-10 12/12/02	RAA12-N12 8-10 12/12/02	RAA12-N14 0-1 12/04/02	RAA12-N16 1-3 12/10/02	RAA12-N16 6-8 12/10/02	RAA12-N16 6-10 12/10/02
Volatile Organics							
1,1,1,2-Tetrachloroethane	ND(0.0057)	NA	ND(0.0069)	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA
1,1,1-Trichloroethane	ND(0.0057)	NA	ND(0.0069)	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA
1,1,2,2-Tetrachloroethane	ND(0.0057)	NA	ND(0.0069)	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA
1,1,2-Trichloroethane	ND(0.0057)	NA	ND(0.0069)	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA
1,1-Dichloroethane	ND(0.0057)	NA	ND(0.0069)	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA
1,1-Dichloroethene	ND(0.0057)	NA	ND(0.0069)	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA
1,2,3-Trichloropropane	ND(0.0057)	NA	ND(0.0069)	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA
1,2-Dibromo-3-chloropropane	ND(0.0057)	NA	ND(0.0069)	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA
1,2-Dibromoethane	ND(0.0057)	NA	ND(0.0069)	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA
1,2-Dichloroethane	ND(0.0057)	NA	ND(0.0069)	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA
1,2-Dichloropropane	ND(0.0057)	NA	ND(0.0069)	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA
1,4-Dioxane	ND(0.11)	NA	ND(0.14)	ND(0.11)	ND(0.12) J [ND(0.12) J]	ND(0.14) J	NA
2-Butanone	ND(0.011)	NA	ND(0.014)	ND(0.011)	ND(0.012) [ND(0.012)]	ND(0.014)	NA
2-Chloro-1,3-butadiene	ND(0.0057)	NA	ND(0.0069)	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA
2-Chloroethylvinylether	ND(0.0057)	NA	ND(0.0069) J	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA
2-Hexanone	ND(0.011)	NA	ND(0.014)	ND(0.011)	ND(0.012) [ND(0.012)]	ND(0.014)	NA
3-Chloropropene	ND(0.0057)	NA	ND(0.0069)	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA
4-Methyl-2-pentanone	ND(0.011)	NA	ND(0.014)	ND(0.011)	ND(0.012) [ND(0.012)]	ND(0.014)	NA
Acetone	ND(0.023)	NA	ND(0.028)	ND(0.023)	ND(0.024) [ND(0.025)]	ND(0.027)	NA
Acetonitrile	ND(0.11)	NA	ND(0.14)	ND(0.11)	ND(0.12) [ND(0.12)]	ND(0.14)	NA
Acrolein	ND(0.11) J	NA	ND(0.14) J	ND(0.11) J	ND(0.12) J [ND(0.12) J]	ND(0.14) J	NA
Acrylonitrile	ND(0.0057)	NA	ND(0.0069) J	ND(0.0057) J	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA
Benzene	ND(0.0057)	NA	ND(0.0069)	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA
Bromodichloromethane	ND(0.0057)	NA	ND(0.0069)	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA
Bromoform	ND(0.0057)	NA	ND(0.0069)	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA
Bromomethane	ND(0.0057)	NA	ND(0.0069)	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA
Carbon Disulfide	ND(0.0057) J	NA	ND(0.0069)	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA
Carbon Tetrachloride	ND(0.0057)	NA	ND(0.0069)	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA
Chlorobenzene	ND(0.0057)	NA	ND(0.0069)	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA
Chloroethane	ND(0.0057)	NA	ND(0.0069)	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA
Chloroform	ND(0.0057)	NA	ND(0.0069)	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA
Chloromethane	ND(0.0057)	NA	ND(0.0069)	ND(0.0057)	ND(0.0060) J [ND(0.0062) J]	ND(0.0068) J	NA
cis-1,3-Dichloropropene	ND(0.0057)	NA	ND(0.0069)	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA
Dibromochloromethane	ND(0.0057)	NA	ND(0.0069)	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA
Dibromomethane	ND(0.0057)	NA	ND(0.0069)	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA
Dichlorodifluoromethane	ND(0.0057)	NA	ND(0.0069)	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA
Ethyl Methacrylate	ND(0.0057)	NA	ND(0.0069)	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA
Ethylbenzene	ND(0.0057)	NA	ND(0.0069)	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA
Iodomethane	ND(0.0057)	NA	ND(0.0069)	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA
Isobutanol	ND(0.11)	NA	ND(0.14) J	ND(0.11)	ND(0.12) [ND(0.12)]	ND(0.14)	NA
Methacrylonitrile	ND(0.0057)	NA	ND(0.0069) J	ND(0.0057)	ND(0.0060) J [ND(0.0062) J]	ND(0.0068) J	NA
Methyl Methacrylate	ND(0.0057)	NA	ND(0.0069) J	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA
Methylene Chloride	ND(0.0057)	NA	ND(0.0069)	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA
Propionitrile	ND(0.011)	NA	ND(0.014)	ND(0.011)	ND(0.012) [ND(0.012)]	ND(0.014)	NA
Styrene	ND(0.0057)	NA	ND(0.0069)	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA
Tetrachloroethene	ND(0.0057)	NA	ND(0.0069)	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA
Toluene	ND(0.0057)	NA	ND(0.0069)	ND(0.0057)	ND(0.0060) [0.0096]	ND(0.0068)	NA
trans-1,2-Dichloroethene	ND(0.0057)	NA	ND(0.0069)	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA
trans-1,3-Dichloropropene	ND(0.0057)	NA	ND(0.0069)	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA
trans-1,4-Dichloro-2-butene	ND(0.0057)	NA	ND(0.0069)	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA
Trichloroethene	ND(0.0057)	NA	ND(0.0069)	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA
Trichlorofluoromethane	ND(0.0057)	NA	ND(0.0069)	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA
Vinyl Acetate	ND(0.0057)	NA	ND(0.0069)	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA
Vinyl Chloride	ND(0.0057)	NA	ND(0.0069)	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA
Xylenes (total)	ND(0.0057)	NA	ND(0.0069)	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
1,2,4-Trichlorobenzene	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
1,2-Dichlorobenzene	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
1,2-Diphenylhydrazine	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
1,3,5-Trinitrobenzene	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
1,3-Dichlorobenzene	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
1,3-Dinitrobenzene	ND(0.76)	ND(0.93)	NA	ND(0.77)	ND(0.81) [ND(0.82)]	NA	ND(0.91)
1,4-Dichlorobenzene	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
1,4-Naphthoquinone	ND(0.76)	ND(0.93)	NA	ND(0.77)	ND(0.81) [ND(0.82)]	NA	ND(0.91)
1-Naphthylamine	ND(0.76)	ND(0.93)	NA	ND(0.77)	ND(0.81) [ND(0.82)]	NA	ND(0.91)
2,3,4,6-Tetrachlorophenol	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-N12 0-1 12/12/02	RAA12-N12 6-10 12/12/02	RAA12-N12 8-10 12/12/02	RAA12-N14 0-1 12/04/02	RAA12-N16 1-3 12/10/02	RAA12-N16 6-8 12/10/02	RAA12-N16 6-10 12/10/02
Semivolatile Organics (continued)							
2,4,5-Trichlorophenol	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
2,4,6-Trichlorophenol	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
2,4-Dichlorophenol	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
2,4-Dimethylphenol	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
2,4-Dinitrophenol	ND(1.9)	ND(2.4)	NA	ND(3.8) J	ND(2.0) J [ND(2.1) J]	NA	ND(2.3) J
2,4-Dinitrotoluene	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
2,6-Dichlorophenol	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
2,6-Dinitrotoluene	ND(0.38) J	ND(0.46) J	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
2-Acetylaminofluorene	ND(0.76)	ND(0.93)	NA	ND(0.77)	ND(0.81) J [ND(0.82) J]	NA	ND(0.91) J
2-Chloronaphthalene	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
2-Chlorophenol	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
2-Methylnaphthalene	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
2-Methylphenol	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
2-Naphthylamine	ND(0.76)	ND(0.93)	NA	ND(0.77)	ND(0.81) [ND(0.82)]	NA	ND(0.91)
2-Nitroaniline	ND(1.9)	ND(2.4)	NA	ND(3.8)	ND(2.0) [ND(2.1)]	NA	ND(2.3)
2-Nitrophenol	ND(0.76)	ND(0.93)	NA	ND(0.77)	ND(0.81) [ND(0.82)]	NA	ND(0.91)
2-Picoline	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
3&4-Methylphenol	ND(0.76)	ND(0.93)	NA	ND(0.77)	ND(0.81) [ND(0.82)]	NA	ND(0.91)
3,3'-Dichlorobenzidine	ND(0.76)	ND(0.93)	NA	ND(1.5)	ND(0.81) [ND(0.82)]	NA	ND(0.91)
3,3'-Dimethylbenzidine	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
3-Methylcholanthrene	ND(0.76)	ND(0.93)	NA	ND(0.77)	ND(0.81) [ND(0.82)]	NA	ND(0.91)
3-Nitroaniline	ND(1.9)	ND(2.4)	NA	ND(3.8)	ND(2.0) [ND(2.1)]	NA	ND(2.3)
4,6-Dinitro-2-methylphenol	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
4-Aminobiphenyl	ND(0.76) J	ND(0.93) J	NA	ND(0.77)	ND(0.81) [ND(0.82)]	NA	ND(0.91)
4-Bromophenyl-phenylether	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
4-Chloro-3-Methylphenol	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
4-Chloroaniline	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
4-Chlorobenzilate	ND(0.76)	ND(0.93)	NA	ND(0.77)	ND(0.81) [ND(0.82)]	NA	ND(0.91)
4-Chlorophenyl-phenylether	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
4-Nitroaniline	ND(1.9)	ND(2.4)	NA	ND(2.0)	ND(2.0) [ND(2.1)]	NA	ND(2.3)
4-Nitrophenol	ND(1.9) J	ND(2.4) J	NA	ND(3.8) J	ND(2.0) J [ND(2.1) J]	NA	ND(2.3) J
4-Nitroquinoline-1-oxide	ND(0.76)	ND(0.93)	NA	ND(0.77)	ND(0.81) J [ND(0.82) J]	NA	ND(0.91) J
4-Phenylenediamine	ND(0.76) J	ND(0.93) J	NA	ND(0.77) J	ND(0.81) J [ND(0.82) J]	NA	ND(0.91) J
5-Nitro-o-toluidine	ND(0.76)	ND(0.93)	NA	ND(0.77)	ND(0.81) [ND(0.82)]	NA	ND(0.91)
7,12-Dimethylbenz(a)anthracene	ND(0.76)	ND(0.93)	NA	ND(0.77)	ND(0.81) [ND(0.82)]	NA	ND(0.91)
a,a'-Dimethylphenethylamine	ND(0.76)	ND(0.93)	NA	ND(0.77)	ND(0.81) J [ND(0.82) J]	NA	ND(0.91) J
Acenaphthene	0.16 J	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
Acenaphthylene	ND(0.38)	ND(0.46)	NA	0.22 J	ND(0.40) [ND(0.41)]	NA	ND(0.45)
Acetophenone	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
Aniline	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
Anthracene	0.36 J	ND(0.46)	NA	0.22 J	0.16 J [0.12 J]	NA	ND(0.45)
Aramite	ND(0.76) J	ND(0.93) J	NA	ND(0.77) J	ND(0.81) [ND(0.82)]	NA	ND(0.91)
Benzidine	ND(0.76)	ND(0.93)	NA	ND(1.5) J	ND(0.81) [ND(0.82)]	NA	ND(0.91)
Benzo(a)anthracene	0.57	0.16 J	NA	0.68 J	0.51 [0.33 J]	NA	ND(0.45)
Benzo(a)pyrene	0.41	0.15 J	NA	0.76	0.42 [0.26 J]	NA	ND(0.45)
Benzo(b)fluoranthene	0.53	0.27 J	NA	0.78	0.39 J [0.26 J]	NA	ND(0.45)
Benzo(g,h,i)perylene	0.26 J	0.12 J	NA	0.52 J	0.31 J [0.15 J]	NA	ND(0.45)
Benzo(k)fluoranthene	0.22 J	0.23 J	NA	0.26 J	0.23 J [0.16 J]	NA	ND(0.45)
Benzyl Alcohol	ND(0.76)	ND(0.93)	NA	ND(1.5)	ND(0.81) [ND(0.82)]	NA	ND(0.91)
bis(2-Chloroethoxy)methane	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
bis(2-Chloroethyl)ether	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
bis(2-Chloroisopropyl)ether	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
bis(2-Ethylhexyl)phthalate	ND(0.38)	ND(0.46)	NA	ND(0.38)	ND(0.40) [ND(0.40)]	NA	ND(0.45)
Butylbenzylphthalate	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
Chrysene	0.46	0.18 J	NA	0.55 J	0.32 J [0.23 J]	NA	ND(0.45)
Dialiate	ND(0.76)	ND(0.93)	NA	ND(0.77) J	ND(0.81) [ND(0.82)]	NA	ND(0.91)
Dibenzo(a,h)anthracene	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
Dibenzofuran	0.091 J	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
Diethylphthalate	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
Dimethylphthalate	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
Di-n-Butylphthalate	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
Di-n-Octylphthalate	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
Diphenylamine	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
Ethyl Methanesulfonate	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
Fluoranthene	1.2	0.23 J	NA	1.1	0.77 [0.49]	NA	ND(0.45)

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-N12 0-1 12/12/02	RAA12-N12 6-10 12/12/02	RAA12-N12 8-10 12/12/02	RAA12-N14 0-1 12/04/02	RAA12-N16 1-3 12/10/02	RAA12-N16 6-8 12/10/02	RAA12-N16 6-10 12/10/02
Semivolatile Organics (continued)							
Fluorene	0.14 J	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
Hexachlorobenzene	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
Hexachlorobutadiene	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
Hexachlorocyclopentadiene	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
Hexachloroethane	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
Hexachlorophene	ND(0.76) J	ND(0.93) J	NA	ND(1.5) J	ND(0.81) J [ND(0.82) J]	NA	ND(0.91) J
Hexachloropropene	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
Indeno(1,2,3-cd)pyrene	0.21 J	ND(0.46)	NA	0.49 J	0.30 J [0.14 J]	NA	ND(0.45)
Isodrin	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
Isophorone	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
Isosafrole	ND(0.76)	ND(0.93)	NA	ND(0.77)	ND(0.81) [ND(0.82)]	NA	ND(0.91)
Methapyrilene	ND(0.76)	ND(0.93)	NA	ND(0.77)	ND(0.81) [ND(0.82)]	NA	ND(0.91)
Methyl Methanesulfonate	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
Naphthalene	ND(0.38)	ND(0.46)	NA	0.30 J	ND(0.40) [ND(0.41)]	NA	ND(0.45)
Nitrobenzene	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
N-Nitrosodiethylamine	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
N-Nitrosodimethylamine	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
N-Nitroso-di-n-butylamine	ND(0.76)	ND(0.93)	NA	ND(0.77)	ND(0.81) [ND(0.82)]	NA	ND(0.91)
N-Nitroso-di-n-propylamine	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
N-Nitrosodiphenylamine	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
N-Nitrosomethylethylamine	ND(0.76)	ND(0.93)	NA	ND(0.77)	ND(0.81) [ND(0.82)]	NA	ND(0.91)
N-Nitrosomorpholine	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
N-Nitrosopiperidine	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
N-Nitrosopyrrolidine	ND(0.76) J	ND(0.93) J	NA	ND(0.77)	ND(0.81) [ND(0.82)]	NA	ND(0.91)
o,o,o-Triethylphosphorothioate	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
o-Toluidine	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
p-Dimethylaminoazobenzene	ND(0.76)	ND(0.93)	NA	ND(0.77)	ND(0.81) [ND(0.82)]	NA	ND(0.91)
Pentachlorobenzene	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
Pentachloroethane	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
Pentachloronitrobenzene	ND(0.76)	ND(0.93)	NA	ND(0.77)	ND(0.81) [ND(0.82)]	NA	ND(0.91)
Pentachlorophenol	ND(1.9)	ND(2.4)	NA	ND(3.8)	ND(2.0) [ND(2.1)]	NA	ND(2.3)
Phenacetin	ND(0.76)	ND(0.93)	NA	ND(0.77)	ND(0.81) [ND(0.82)]	NA	ND(0.91)
Phenanthrene	1.2	0.094 J	NA	0.61 J	0.55 [0.46]	NA	ND(0.45)
Phenol	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
Pronamide	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) J [ND(0.41) J]	NA	ND(0.45) J
Pyrene	1.1	0.22 J	NA	1.2	0.80 [0.60]	NA	ND(0.45)
Pyridine	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
Safrole	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
Thionazin	ND(0.38)	ND(0.46)	NA	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)
Organochlorine Pesticides							
4,4'-DDD	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA	NA	NA
Alpha-BHC	NA	NA	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	NA	NA	NA	NA	NA	NA	NA
Endrin	NA	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA	NA	NA	NA
Endrin Ketone	NA	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	NA	NA	NA	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA	NA	NA
Kepone	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA	NA	NA	NA

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

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

Sample ID:	RAA12-N12	RAA12-N12	RAA12-N12	RAA12-N14	RAA12-N16	RAA12-N16	RAA12-N16
Sample Depth(Feet):	0-1	6-10	8-10	0-1	1-3	6-8	6-10
Parameter Date Collected:	12/12/02	12/12/02	12/12/02	12/04/02	12/10/02	12/10/02	12/10/02
Organophosphate Pesticides							
Dimethoate	NA	NA	NA	NA	NA	NA	NA
Disulfoton	NA	NA	NA	NA	NA	NA	NA
Ethyl Parathion	NA	NA	NA	NA	NA	NA	NA
Famphur	NA	NA	NA	NA	NA	NA	NA
Methyl Parathion	NA	NA	NA	NA	NA	NA	NA
Phorate	NA	NA	NA	NA	NA	NA	NA
Sulfotep	NA	NA	NA	NA	NA	NA	NA
Herbicides							
2,4,5-T	NA	NA	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA	NA	NA	NA
Dinoseb	NA	NA	NA	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF	0.00000040 J	0.0000024 J	NA	0.0000088 J	ND(0.0000012) X [ND(0.0000014)]	NA	0.0000060 J
TCDFs (total)	0.0000034	0.000056	NA	0.000097	0.0000033 [ND(0.0000014)]	NA	0.000048
1,2,3,7,8-PeCDF	0.00000035 J	0.0000023 J	NA	0.0000064 J	ND(0.00000092) [0.0000011 J]	NA	0.0000024 J
2,3,4,7,8-PeCDF	0.0000010 J	0.0000035 J	NA	0.000012 J	0.0000011 J [ND(0.0000014) X]	NA	ND(0.0000034) X
PeCDFs (total)	0.0000076	0.000040 Q	NA	0.00011	0.0000054 [0.0000067]	NA	0.000026
1,2,3,4,7,8-HxCDF	0.0000019 J	0.0000032 J	NA	0.0000097 J	0.0000010 J [ND(0.0000011) X]	NA	ND(0.0000023) X
1,2,3,6,7,8-HxCDF	0.0000013 J	0.0000031 J	NA	0.0000081 J	ND(0.00000091) X [0.0000014 J]	NA	0.0000019 J
1,2,3,7,8,9-HxCDF	0.00000031 J	0.00000080 J	NA	0.0000036 J	ND(0.0000013) [ND(0.0000023)]	NA	0.00000084 J
2,3,4,6,7,8-HxCDF	0.00000083 J	0.0000033 J	NA	0.0000097 J	0.0000010 J [ND(0.00000085) X]	NA	ND(0.0000023) X
HxCDFs (total)	0.000010	0.000027	NA	0.000092	0.0000044 [0.0000049]	NA	0.000011
1,2,3,4,6,7,8-HpCDF	0.0000023 J	0.0000074	NA	0.000024 J	0.0000025 J [0.0000025 J]	NA	0.0000046 J
1,2,3,4,7,8,9-HpCDF	0.00000062 J	0.00000073 J	NA	0.0000030 J	ND(0.00000038) X [ND(0.0000023)]	NA	0.00000042 J
HpCDFs (total)	0.0000049	0.0000093	NA	0.000054	0.0000025 [0.0000025]	NA	0.0000051
OCDF	0.0000027 J	0.0000020 J	NA	0.000042	0.0000026 J [ND(0.0000019) X]	NA	0.0000016 J
Dioxins							
2,3,7,8-TCDD	ND(0.00000023)	0.00000046 J	NA	ND(0.0000018) X	ND(0.00000059) [ND(0.0000013)]	NA	ND(0.00000095)
TCDDs (total)	ND(0.00000068)	0.0000038	NA	0.0000010	ND(0.00000088) [ND(0.0000024)]	NA	0.0000091
1,2,3,7,8-PeCDD	ND(0.00000057)	0.00000091 J	NA	ND(0.0000035) X	ND(0.00000056) X [ND(0.0000023)]	NA	ND(0.0000018)
PeCDDs (total)	ND(0.0000010)	0.000011 Q	NA	0.000012	ND(0.0000013) [ND(0.0000041)]	NA	0.0000039
1,2,3,4,7,8-HxCDD	ND(0.00000057)	0.00000062 J	NA	0.0000040 J	ND(0.00000081) X [ND(0.0000025)]	NA	ND(0.0000018)
1,2,3,6,7,8-HxCDD	ND(0.00000057)	0.0000010 J	NA	0.0000069 J	0.0000016 J [ND(0.0000023)]	NA	ND(0.0000018)
1,2,3,7,8,9-HxCDD	ND(0.00000057)	0.00000064 J	NA	0.0000051 J	ND(0.00000064) X [ND(0.0000023)]	NA	ND(0.0000018)
HxCDDs (total)	ND(0.0000011)	0.000011	NA	0.000052	0.0000030 [ND(0.0000050)]	NA	0.0000092
1,2,3,4,6,7,8-HpCDD	0.0000033 J	0.0000038 J	NA	0.000056	0.0000037 J [ND(0.0000026) X]	NA	ND(0.0000027)
HpCDDs (total)	0.0000056	0.0000071	NA	0.00013	0.0000037 [ND(0.0000020)]	NA	ND(0.0000052)
OCDD	0.000015	0.0000052 J	NA	0.00036	ND(0.000016) [ND(0.000015)]	NA	ND(0.000011)
Total TEQs (WHO TEFs)	0.0000015	0.0000049	NA	0.000015	0.0000018 [0.0000030]	NA	0.0000038
Inorganics							
Antimony	ND(6.00)	ND(6.00)	NA	1.00 B	ND(6.00) [ND(6.00)]	NA	ND(6.00)
Arsenic	5.10	11.0	NA	6.10 J	3.50 J [9.00 J]	NA	2.20 J
Barium	23.0	110	NA	52.0 J	16.0 J [150 J]	NA	28.0 J
Beryllium	0.280 B	0.380 B	NA	ND(0.50)	ND(0.50) [ND(0.50)]	NA	ND(0.50)
Cadmium	0.560	0.860	NA	0.690	0.380 B [0.390 B]	NA	0.570
Chromium	5.70	9.50	NA	10.0 J	5.50 [6.50]	NA	7.70
Cobalt	5.80	6.00	NA	7.30	7.00 [5.00]	NA	8.20
Copper	22.0	86.0	NA	51.0	13.0 [20.0]	NA	7.00
Cyanide	ND(0.110)	0.170	NA	0.120	ND(0.240) [ND(0.120)]	NA	ND(0.140)
Lead	39.0	520	NA	120 J	6.40 J [150 J]	NA	4.80 J
Mercury	0.180	2.40	NA	0.960	0.730 J [0.430 J]	NA	0.0610 J
Nickel	10.0	12.0	NA	15.0	11.0 [8.40]	NA	11.0
Selenium	ND(1.00)	0.920 B	NA	ND(1.00) J	ND(1.00) [ND(1.00)]	NA	ND(1.00)
Silver	ND(1.00)	ND(1.00)	NA	0.340 B	0.110 B [ND(1.00)]	NA	ND(1.00)
Sulfide	9.10	210	NA	32.0	68.0 [43.0]	NA	35.0
Thallium	ND(1.10)	ND(1.40)	NA	ND(1.10) J	ND(1.20) J [ND(1.20) J]	NA	ND(1.40) J
Tin	3.70 B	65.0	NA	6.10 B	ND(10.0) J [5.40 J]	NA	ND(10.0) J
Vanadium	6.60	16.0	NA	11.0	8.80 [8.30]	NA	8.50
Zinc	62.0	290	NA	160 J	32.0 J [93.0 J]	NA	160 J

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-N16 10-15 12/10/02	RAA12-N17 0-1 12/02/02	RAA12-N18 3-5 12/03/02	RAA12-N18 3-6 12/03/02	RAA12-N23 0-1 08/13/02	RAA12-N25 0-1 08/13/02	RAA12-O16 0-1 12/02/02
Volatile Organics							
1,1,1,2-Tetrachloroethane	NA	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065)
1,1,1-Trichloroethane	NA	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065)
1,1,2,2-Tetrachloroethane	NA	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065)
1,1,2-Trichloroethane	NA	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065)
1,1-Dichloroethane	NA	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065)
1,1-Dichloroethene	NA	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065)
1,2,3-Trichloropropane	NA	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065)
1,2-Dibromo-3-chloropropane	NA	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065)
1,2-Dibromoethane	NA	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065)
1,2-Dichloroethane	NA	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065)
1,2-Dichloropropane	NA	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065)
1,4-Dioxane	NA	ND(0.11) J	ND(0.13)	NA	ND(0.10)	ND(0.10)	ND(0.13) J
2-Butanone	NA	ND(0.011)	ND(0.013)	NA	ND(0.010)	ND(0.010)	ND(0.013)
2-Chloro-1,3-butadiene	NA	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065)
2-Chloroethylvinylether	NA	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065)
2-Hexanone	NA	ND(0.011)	ND(0.013)	NA	ND(0.010)	ND(0.010)	ND(0.013)
3-Chloropropene	NA	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065)
4-Methyl-2-pentanone	NA	ND(0.011)	ND(0.013)	NA	ND(0.010)	ND(0.010)	ND(0.013)
Acetone	NA	ND(0.022)	ND(0.026)	NA	ND(0.021)	ND(0.021)	ND(0.026)
Acetonitrile	NA	ND(0.11)	ND(0.13)	NA	ND(0.10)	ND(0.10)	ND(0.13)
Acrolein	NA	ND(0.11) J	ND(0.13) J	NA	ND(0.10)	ND(0.10)	ND(0.13) J
Acrylonitrile	NA	ND(0.0054) J	ND(0.0065) J	NA	ND(0.0053)	ND(0.0052)	ND(0.0065) J
Benzene	NA	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065)
Bromodichloromethane	NA	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065)
Bromoform	NA	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065)
Bromomethane	NA	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065)
Carbon Disulfide	NA	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065)
Carbon Tetrachloride	NA	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065)
Chlorobenzene	NA	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	0.23
Chloroethane	NA	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065)
Chloroform	NA	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065)
Chloromethane	NA	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065)
cis-1,3-Dichloropropene	NA	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065)
Dibromochloromethane	NA	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065)
Dibromomethane	NA	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065)
Dichlorodifluoromethane	NA	ND(0.0054) J	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065) J
Ethyl Methacrylate	NA	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065)
Ethylbenzene	NA	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065)
Iodomethane	NA	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065)
Isobutanol	NA	ND(0.11)	ND(0.13)	NA	ND(0.10)	ND(0.10)	ND(0.13)
Methacrylonitrile	NA	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065)
Methyl Methacrylate	NA	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065)
Methylene Chloride	NA	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065)
Propionitrile	NA	ND(0.011)	ND(0.013)	NA	ND(0.010)	ND(0.010)	ND(0.013)
Styrene	NA	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065)
Tetrachloroethene	NA	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065)
Toluene	NA	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065)
trans-1,2-Dichloroethene	NA	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065)
trans-1,3-Dichloropropene	NA	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065)
trans-1,4-Dichloro-2-butene	NA	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065)
Trichloroethene	NA	ND(0.0054)	ND(0.0065)	NA	0.0060	ND(0.0052)	ND(0.0065)
Trichlorofluoromethane	NA	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065)
Vinyl Acetate	NA	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065)
Vinyl Chloride	NA	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065)
Xylenes (total)	NA	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065)
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
1,2,4-Trichlorobenzene	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
1,2-Dichlorobenzene	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
1,2-Diphenylhydrazine	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
1,3,5-Trinitrobenzene	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
1,3-Dichlorobenzene	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
1,3-Dinitrobenzene	ND(0.89)	ND(0.72)	NA	ND(0.87)	ND(0.71)	ND(0.70)	ND(0.87)
1,4-Dichlorobenzene	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
1,4-Naphthoquinone	ND(0.89)	ND(0.72)	NA	ND(0.87)	ND(0.71)	ND(0.70)	ND(0.87)
1-Naphthylamine	ND(0.89)	ND(0.72)	NA	ND(0.87)	ND(0.71)	ND(0.70)	ND(0.87)
2,3,4,6-Tetrachlorophenol	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-N16 10-15 12/10/02	RAA12-N17 0-1 12/02/02	RAA12-N18 3-5 12/03/02	RAA12-N18 3-6 12/03/02	RAA12-N23 0-1 08/13/02	RAA12-N25 0-1 08/13/02	RAA12-O16 0-1 12/02/02
Semivolatile Organics (continued)							
2,4,5-Trichlorophenol	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
2,4,6-Trichlorophenol	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
2,4-Dichlorophenol	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
2,4-Dimethylphenol	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
2,4-Dinitrophenol	ND(2.3) J	ND(1.8)	NA	ND(2.2)	ND(1.8)	ND(1.8)	ND(2.2)
2,4-Dinitrotoluene	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
2,6-Dichlorophenol	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
2,6-Dinitrotoluene	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
2-Acetylaminofluorene	ND(0.89) J	ND(0.72)	NA	ND(0.87)	ND(0.71)	ND(0.70)	ND(0.87)
2-Chloronaphthalene	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
2-Chlorophenol	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
2-Methylnaphthalene	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	0.10 J	3.0
2-Methylphenol	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
2-Naphthylamine	ND(0.89)	ND(0.72)	NA	ND(0.87)	ND(0.71)	ND(0.70)	ND(0.87)
2-Nitroaniline	ND(2.3)	ND(1.8)	NA	ND(2.2)	ND(1.8)	ND(1.8)	ND(2.2)
2-Nitrophenol	ND(0.89)	ND(0.72)	NA	ND(0.87)	ND(0.71)	ND(0.70)	ND(0.87)
2-Picoline	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
3&4-Methylphenol	ND(0.89)	ND(0.72)	NA	ND(0.87)	ND(0.71)	ND(0.70)	ND(0.87)
3,3'-Dichlorobenzidine	ND(0.89)	ND(0.72)	NA	ND(0.87)	ND(0.71)	ND(0.70)	ND(0.87)
3,3'-Dimethylbenzidine	ND(0.44)	ND(0.36) J	NA	ND(0.43) J	ND(0.35)	ND(0.34)	ND(0.43) J
3-Methylcholanthrene	ND(0.89)	ND(0.72)	NA	ND(0.87)	ND(0.71)	ND(0.70)	ND(0.87)
3-Nitroaniline	ND(2.3)	ND(1.8)	NA	ND(2.2)	ND(1.8)	ND(1.8)	ND(2.2)
4,6-Dinitro-2-methylphenol	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
4-Aminobiphenyl	ND(0.89)	ND(0.72)	NA	ND(0.87)	ND(0.71) J	ND(0.70) J	ND(0.87)
4-Bromophenyl-phenylether	ND(0.44)	ND(0.36) J	NA	ND(0.43) J	ND(0.35)	ND(0.34)	ND(0.43) J
4-Chloro-3-Methylphenol	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
4-Chloroaniline	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
4-Chlorobenzilate	ND(0.89)	ND(0.72)	NA	ND(0.87)	ND(0.71)	ND(0.70)	ND(0.87)
4-Chlorophenyl-phenylether	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
4-Nitroaniline	ND(2.3)	ND(1.8)	NA	ND(2.2)	ND(1.8)	ND(1.8)	ND(2.2)
4-Nitrophenol	ND(2.3) J	ND(1.8) J	NA	ND(2.2) J	ND(1.8)	ND(1.8)	ND(2.2) J
4-Nitroquinoline-1-oxide	ND(0.89) J	ND(0.72)	NA	ND(0.87)	ND(0.71)	ND(0.70)	ND(0.87)
4-Phenylenediamine	ND(0.89) J	ND(0.72) J	NA	ND(0.87) J	ND(0.71) J	ND(0.70) J	ND(0.87) J
5-Nitro-o-toluidine	ND(0.89)	ND(0.72)	NA	ND(0.87)	ND(0.71) J	ND(0.70) J	ND(0.87)
7,12-Dimethylbenz(a)anthracene	ND(0.89)	ND(0.72)	NA	ND(0.87)	ND(0.71)	ND(0.70)	ND(0.87)
a,a'-Dimethylphenethylamine	ND(0.89) J	ND(0.72)	NA	ND(0.87)	ND(0.71) J	ND(0.70) J	ND(0.87)
Acenaphthene	ND(0.44)	ND(0.36)	NA	0.10 J	ND(0.35)	ND(0.34)	15
Acenaphthylene	ND(0.44)	0.12 J	NA	0.14 J	0.36	1.2	1.1
Acetophenone	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
Aniline	ND(0.44)	ND(0.36) J	NA	ND(0.43) J	ND(0.35)	0.11 J	ND(0.43) J
Anthracene	ND(0.44)	0.19 J	NA	0.34 J	0.70	2.3	39
Aramite	ND(0.89)	ND(0.72)	NA	ND(0.87)	ND(0.71) J	ND(0.70) J	ND(0.87)
Benzidine	ND(0.89)	ND(0.72)	NA	ND(0.87)	ND(0.71)	ND(0.70)	ND(0.87)
Benzo(a)anthracene	ND(0.44)	0.65 J	NA	1.1	3.2	12	72 J
Benzo(a)pyrene	ND(0.44)	0.64	NA	1.0	1.9	4.8	61
Benzo(b)fluoranthene	ND(0.44)	0.55	NA	1.0	1.9	5.0	63
Benzo(g,h,i)perylene	ND(0.44)	0.54	NA	0.78	1.8	4.2	29
Benzo(k)fluoranthene	ND(0.44)	0.26 J	NA	0.41 J	2.4	5.0	23
Benzyl Alcohol	ND(0.89)	ND(0.72)	NA	ND(0.87)	ND(0.71)	ND(0.70)	ND(0.87)
bis(2-Chloroethoxy)methane	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
bis(2-Chloroethyl)ether	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
bis(2-Chloroisopropyl)ether	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
bis(2-Ethylhexyl)phthalate	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
Butylbenzylphthalate	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
Chrysene	ND(0.44)	0.46	NA	0.90	3.1	11	62
Diallate	ND(0.89)	ND(0.72)	NA	ND(0.87)	ND(0.71)	ND(0.70)	ND(0.87)
Dibenzo(a,h)anthracene	ND(0.44)	ND(0.36)	NA	0.20 J	0.48	1.6	8.9
Dibenzofuran	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	0.21 J	6.5
Diethylphthalate	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
Dimethylphthalate	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
Di-n-Butylphthalate	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	0.11 J	ND(0.43)
Di-n-Octylphthalate	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
Diphenylamine	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
Ethyl Methanesulfonate	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
Fluoranthene	ND(0.44)	0.94	NA	1.7	4.8	6.2	160

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-N16 10-15 12/10/02	RAA12-N17 0-1 12/02/02	RAA12-N18 3-5 12/03/02	RAA12-N18 3-6 12/03/02	RAA12-N23 0-1 08/13/02	RAA12-N25 0-1 08/13/02	RAA12-O16 0-1 12/02/02
Semivolatile Organics (continued)							
Fluorene	ND(0.44)	ND(0.36)	NA	0.089 J	0.29 J	0.65	15
Hexachlorobenzene	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
Hexachlorobutadiene	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
Hexachlorocyclopentadiene	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
Hexachloroethane	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
Hexachlorophene	ND(0.89) J	ND(0.72) J	NA	ND(0.87)	ND(0.71) J	ND(0.70) J	ND(0.87) J
Hexachloropropene	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35) J	ND(0.34) J	ND(0.43)
Indeno(1,2,3-cd)pyrene	ND(0.44)	0.34 J	NA	0.67	1.2	3.5	25
Isodrin	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
Isophorone	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
Isosafrole	ND(0.89)	ND(0.72)	NA	ND(0.87)	ND(0.71)	ND(0.70)	ND(0.87)
Methapyrilene	ND(0.89)	ND(0.72) J	NA	ND(0.87) J	ND(0.71)	ND(0.70)	ND(0.87) J
Methyl Methanesulfonate	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
Naphthalene	ND(0.44)	ND(0.36)	NA	0.092 J	0.080 J	0.16 J	3.6
Nitrobenzene	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
N-Nitrosodiethylamine	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
N-Nitrosodimethylamine	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
N-Nitroso-di-n-butylamine	ND(0.89)	ND(0.72)	NA	ND(0.87)	ND(0.71)	ND(0.70)	ND(0.87)
N-Nitroso-di-n-propylamine	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
N-Nitrosodiphenylamine	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
N-Nitrosomethylethylamine	ND(0.89)	ND(0.72)	NA	ND(0.87)	ND(0.71)	ND(0.70)	ND(0.87)
N-Nitrosomorpholine	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
N-Nitrosopiperidine	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
N-Nitrosopyrrolidine	ND(0.89)	ND(0.72)	NA	ND(0.87)	ND(0.71) J	ND(0.70) J	ND(0.87)
o,o,o-Triethylphosphorothioate	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
o-Toluidine	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
p-Dimethylaminoazobenzene	ND(0.89)	ND(0.72)	NA	ND(0.87)	ND(0.71)	ND(0.70)	ND(0.87)
Pentachlorobenzene	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
Pentachloroethane	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
Pentachloronitrobenzene	ND(0.89)	ND(0.72)	NA	ND(0.87)	ND(0.71)	ND(0.70)	ND(0.87)
Pentachlorophenol	ND(2.3)	ND(1.8)	NA	ND(2.2)	ND(1.8)	ND(1.8)	ND(2.2)
Phenacetin	ND(0.89)	ND(0.72)	NA	ND(0.87)	ND(0.71)	ND(0.70)	ND(0.87)
Phenanthrene	ND(0.44)	0.67	NA	1.1	4.4	5.8	160
Phenol	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
Pronamide	ND(0.44) J	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
Pyrene	ND(0.44)	0.97	NA	2.0	22	30	180
Pyridine	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
Safrole	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
Thionazin	ND(0.44)	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
Organochlorine Pesticides							
4,4'-DDD	ND(0.016)	NA	NA	NA	NA	NA	NA
4,4'-DDE	ND(0.016)	NA	NA	NA	NA	NA	NA
4,4'-DDT	ND(0.016)	NA	NA	NA	NA	NA	NA
Aldrin	ND(0.0080)	NA	NA	NA	NA	NA	NA
Alpha-BHC	ND(0.0080)	NA	NA	NA	NA	NA	NA
Alpha-Chlordane	ND(0.0080)	NA	NA	NA	NA	NA	NA
Beta-BHC	ND(0.0080)	NA	NA	NA	NA	NA	NA
Delta-BHC	ND(0.0080)	NA	NA	NA	NA	NA	NA
Dieldrin	ND(0.016)	NA	NA	NA	NA	NA	NA
Endosulfan I	ND(0.016)	NA	NA	NA	NA	NA	NA
Endosulfan II	ND(0.016)	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	ND(0.016)	NA	NA	NA	NA	NA	NA
Endrin	ND(0.016)	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	ND(0.016)	NA	NA	NA	NA	NA	NA
Endrin Ketone	ND(0.016)	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	ND(0.0080)	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	ND(0.0080)	NA	NA	NA	NA	NA	NA
Heptachlor	ND(0.0080)	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	ND(0.0080)	NA	NA	NA	NA	NA	NA
Kepone	ND(0.44)	NA	NA	NA	NA	NA	NA
Methoxychlor	ND(0.080)	NA	NA	NA	NA	NA	NA
Technical Chlordane	ND(0.11)	NA	NA	NA	NA	NA	NA
Toxaphene	ND(0.21)	NA	NA	NA	NA	NA	NA

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

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

Sample ID:	RAA12-N16	RAA12-N17	RAA12-N18	RAA12-N18	RAA12-N23	RAA12-N25	RAA12-O16
Sample Depth(Feet):	10-15	0-1	3-5	3-6	0-1	0-1	0-1
Parameter Date Collected:	12/10/02	12/02/02	12/03/02	12/03/02	08/13/02	08/13/02	12/02/02
Organophosphate Pesticides							
Dimethoate	ND(2.3)	NA	NA	NA	NA	NA	NA
Disulfoton	ND(0.89)	NA	NA	NA	NA	NA	NA
Ethyl Parathion	ND(0.89)	NA	NA	NA	NA	NA	NA
Famphur	ND(0.44)	NA	NA	NA	NA	NA	NA
Methyl Parathion	ND(0.89)	NA	NA	NA	NA	NA	NA
Phorate	ND(0.89)	NA	NA	NA	NA	NA	NA
Sulfotep	ND(0.89)	NA	NA	NA	NA	NA	NA
Herbicides							
2,4,5-T	ND(0.43)	NA	NA	NA	NA	NA	NA
2,4,5-TP	ND(0.43)	NA	NA	NA	NA	NA	NA
2,4-D	ND(0.80)	NA	NA	NA	NA	NA	NA
Dinoseb	ND(0.44)	NA	NA	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF	ND(0.00000027)	ND(0.0000044)	NA	0.000014 Y	0.000037 Y	0.000017 Y	0.0000013 J
TCDFs (total)	ND(0.00000027)	ND(0.0000044) Q	NA	0.00016	0.00031	0.000035	0.0000021
1,2,3,7,8-PeCDF	ND(0.00000062)	0.0000021 J	NA	0.0000062 J	0.000072	0.0000045 J	ND(0.0000027)
2,3,4,7,8-PeCDF	ND(0.00000062)	ND(0.0000016) XQ	NA	0.0000097 J	0.000030	0.000013 JQ	ND(0.00000069) X
PeCDFs (total)	ND(0.00000062)	0.0000093 Q	NA	0.00011 Q	0.00046 Q	0.00012 Q	0.0000017
1,2,3,4,7,8-HxCDF	ND(0.00000062)	0.0000023 J	NA	ND(0.0000088) X	0.000070	0.000018 J	ND(0.0000027)
1,2,3,6,7,8-HxCDF	ND(0.00000062)	0.0000024 J	NA	0.0000065 J	0.000041	0.000012 J	ND(0.00000077) X
1,2,3,7,8,9-HxCDF	ND(0.00000062)	ND(0.0000025)	NA	ND(0.0000030)	0.0000077 JQ	ND(0.0000028)	ND(0.0000027)
2,3,4,6,7,8-HxCDF	ND(0.00000062)	0.0000023 J	NA	0.0000068 J	0.000023 J	0.0000097 J	ND(0.0000027)
HxCDFs (total)	ND(0.00000062)	0.000016	NA	0.000074	0.00038 Q	0.00026	0.0000028
1,2,3,4,6,7,8-HpCDF	ND(0.00000062)	0.0000054 J	NA	0.000026 J	0.000039	0.000026 Q	ND(0.0000027) X
1,2,3,4,7,8,9-HpCDF	ND(0.00000062)	ND(0.0000025)	NA	0.0000019 J	0.000012 J	0.0000049 J	ND(0.0000027)
HpCDFs (total)	ND(0.00000062)	0.0000054	NA	0.000041	0.000090	0.000063	0.0000036
OCDF	ND(0.0000012)	0.0000058 J	NA	0.000014 J	0.000025 J	0.000021 J	0.0000059 J
Dioxins							
2,3,7,8-TCDD	ND(0.00000028)	ND(0.0000010)	NA	ND(0.0000017) X	ND(0.0000044)	ND(0.0000039)	ND(0.0000013) X
TCDDs (total)	ND(0.00000068)	0.000016 Q	NA	0.0000050	0.000013	ND(0.0000039)	ND(0.0000034)
1,2,3,7,8-PeCDD	ND(0.00000062)	ND(0.0000025)	NA	0.0000019 J	ND(0.00000092) X	ND(0.0000026)	ND(0.0000027)
PeCDDs (total)	ND(0.00000095)	0.0000080 Q	NA	0.0000079	0.0000033 Q	ND(0.0000026)	ND(0.0000043)
1,2,3,4,7,8-HxCDD	ND(0.00000069)	ND(0.0000025)	NA	ND(0.0000030)	ND(0.0000035) X	ND(0.0000026)	ND(0.0000027)
1,2,3,6,7,8-HxCDD	ND(0.00000064)	ND(0.0000025)	NA	ND(0.0000022) X	0.0000022 J	0.0000031 J	ND(0.0000027)
1,2,3,7,8,9-HxCDD	ND(0.00000065)	0.0000018 J	NA	ND(0.0000030)	0.0000018 J	0.0000018 J	ND(0.0000027)
HxCDDs (total)	ND(0.00000085)	0.000013	NA	0.000016	0.000016	0.000017	ND(0.0000055)
1,2,3,4,6,7,8-HpCDD	ND(0.00000054)	0.0000082 J	NA	0.000015 J	0.000035	0.000012 J	0.0000083 J
HpCDDs (total)	ND(0.00000054)	0.000014	NA	0.000034	0.000078	0.000021	0.000014
OCDD	ND(0.0000026)	0.000042 J	NA	0.00018	0.00052	0.000051 J	0.000048 J
Total TEQs (WHO TEFs)	0.00000087	0.0000039	NA	0.000012	0.000041	0.000017	0.0000033
Inorganics							
Antimony	ND(6.00)	ND(6.00)	NA	4.40 B	ND(6.00)	1.10 B	ND(6.00)
Arsenic	1.80 J	9.10	NA	15.0	3.00	3.20	15.0
Barium	34.0 J	29.0	NA	260	30.0	14.0 B	3800
Beryllium	ND(0.50)	ND(0.500)	NA	0.620	0.120 B	0.120 B	ND(0.500)
Cadmium	0.310 B	ND(0.500)	NA	1.90	0.140 B	0.200 B	1.40
Chromium	7.70	8.00	NA	22.0 J	3.40	4.10	81.0
Cobalt	6.60	7.90	NA	6.80	3.20 B	5.30	ND(5.00)
Copper	8.00	23.0	NA	160 J	35.0	22.0	150
Cyanide	ND(0.130)	ND(0.110)	NA	0.570 J	ND(0.100)	ND(0.100)	0.130 B
Lead	4.30 J	89.0	NA	840 J	8.20	20.0	51000
Mercury	0.0720 J	ND(0.110)	NA	2.20	ND(0.100)	0.0740 B	1.00
Nickel	10.0	12.0	NA	16.0	5.80	7.70	20.0
Selenium	ND(1.00)	ND(1.00)	NA	ND(1.00) J	ND(1.00)	ND(1.00)	ND(1.00)
Silver	ND(1.00)	ND(1.00)	NA	0.890 B	ND(1.00)	ND(1.00)	3.40
Sulfide	48.0	23.0	NA	47.0 J	25.0	25.0	53.0
Thallium	ND(1.30) J	ND(1.60)	NA	ND(1.30) J	ND(1.60)	ND(1.60)	1.90 B
Tin	ND(10.0) J	18.0	NA	84.0	4.20 B	3.90 B	40.0
Vanadium	8.60	26.0	NA	19.0	3.50 B	5.30	18.0
Zinc	45.0 J	53.0	NA	490	20.0	34.0	2300

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-O24 0-1 09/09/02	RAA12-O24 3-6 09/09/02	RAA12-P4 0-1 12/16/02	RAA12-P4 1-3 12/16/02	RAA12-P4 6-8 12/16/02	RAA12-P4 6-10 12/16/02	RAA12-P4 10-15 12/16/02	RAA12-P4 12-14 12/16/02
Volatile Organics								
1,1,1,2-Tetrachloroethane	ND(0.0053)	ND(0.0062)	ND(0.0062)	ND(0.0061)	ND(0.0052)	NA	NA	ND(0.0060)
1,1,1-Trichloroethane	ND(0.0053)	ND(0.0062)	ND(0.0062)	ND(0.0061)	ND(0.0052)	NA	NA	ND(0.0060)
1,1,2,2-Tetrachloroethane	ND(0.0053)	ND(0.0062) J	ND(0.0062)	ND(0.0061)	ND(0.0052)	NA	NA	ND(0.0060)
1,1,2-Trichloroethane	ND(0.0053)	ND(0.0062)	ND(0.0062)	ND(0.0061)	ND(0.0052)	NA	NA	ND(0.0060)
1,1-Dichloroethane	ND(0.0053)	ND(0.0062)	ND(0.0062)	ND(0.0061)	ND(0.0052)	NA	NA	ND(0.0060)
1,1-Dichloroethene	ND(0.0053)	ND(0.0062)	ND(0.0062)	ND(0.0061)	ND(0.0052)	NA	NA	ND(0.0060)
1,2,3-Trichloropropane	ND(0.0053)	ND(0.0062) J	ND(0.0062)	ND(0.0061)	ND(0.0052)	NA	NA	ND(0.0060)
1,2-Dibromo-3-chloropropane	ND(0.0053)	ND(0.0062) J	ND(0.0062)	ND(0.0061)	ND(0.0052)	NA	NA	ND(0.0060)
1,2-Dibromoethane	ND(0.0053)	ND(0.0062)	ND(0.0062)	ND(0.0061)	ND(0.0052)	NA	NA	ND(0.0060)
1,2-Dichloroethane	ND(0.0053)	ND(0.0062)	ND(0.0062)	ND(0.0061)	ND(0.0052)	NA	NA	ND(0.0060)
1,2-Dichloropropane	ND(0.0053)	ND(0.0062)	ND(0.0062)	ND(0.0061)	ND(0.0052)	NA	NA	ND(0.0060)
1,4-Dioxane	ND(0.10) J	ND(0.12) J	ND(0.12)	ND(0.12)	ND(0.10)	NA	NA	ND(0.12)
2-Butanone	ND(0.010)	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.010)	NA	NA	ND(0.012)
2-Chloro-1,3-butadiene	ND(0.0053)	ND(0.0062)	ND(0.0062)	ND(0.0061)	ND(0.0052)	NA	NA	ND(0.0060)
2-Chloroethylvinylether	ND(0.0053) J	ND(0.0062) J	ND(0.0062) J	ND(0.0061) J	ND(0.0052) J	NA	NA	ND(0.0060) J
2-Hexanone	ND(0.010)	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.010)	NA	NA	ND(0.012)
3-Chloropropene	ND(0.0053)	ND(0.0062)	ND(0.0062)	ND(0.0061)	ND(0.0052)	NA	NA	ND(0.0060)
4-Methyl-2-pentanone	ND(0.010)	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.010)	NA	NA	ND(0.012)
Acetone	ND(0.021)	ND(0.025)	ND(0.025)	ND(0.024)	ND(0.021)	NA	NA	ND(0.024)
Acetonitrile	ND(0.10)	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.10)	NA	NA	ND(0.12)
Acrolein	ND(0.10) J	ND(0.12) J	ND(0.12) J	ND(0.12) J	ND(0.10) J	NA	NA	ND(0.12) J
Acrylonitrile	ND(0.0053) J	ND(0.0062) J	ND(0.0062) J	ND(0.0061) J	ND(0.0052) J	NA	NA	ND(0.0060) J
Benzene	ND(0.0053)	ND(0.0062)	ND(0.0062)	ND(0.0061)	ND(0.0052)	NA	NA	ND(0.0060)
Bromodichloromethane	ND(0.0053)	ND(0.0062)	ND(0.0062)	ND(0.0061)	ND(0.0052)	NA	NA	ND(0.0060)
Bromoform	ND(0.0053)	ND(0.0062)	ND(0.0062)	ND(0.0061)	ND(0.0052)	NA	NA	ND(0.0060)
Bromomethane	ND(0.0053)	ND(0.0062)	ND(0.0062)	ND(0.0061)	ND(0.0052)	NA	NA	ND(0.0060)
Carbon Disulfide	ND(0.0053)	ND(0.0062)	ND(0.0062) J	ND(0.0061) J	ND(0.0052) J	NA	NA	ND(0.0060) J
Carbon Tetrachloride	ND(0.0053)	ND(0.0062)	ND(0.0062)	ND(0.0061)	ND(0.0052)	NA	NA	ND(0.0060)
Chlorobenzene	ND(0.0053)	ND(0.0062)	ND(0.0062)	ND(0.0061)	ND(0.0052)	NA	NA	ND(0.0060)
Chloroethane	ND(0.0053)	ND(0.0062)	ND(0.0062)	ND(0.0061)	ND(0.0052)	NA	NA	ND(0.0060)
Chloroform	ND(0.0053)	ND(0.0062)	ND(0.0062)	ND(0.0061)	ND(0.0052)	NA	NA	ND(0.0060)
Chloromethane	ND(0.0053)	ND(0.0062)	ND(0.0062)	ND(0.0061)	ND(0.0052)	NA	NA	ND(0.0060)
cis-1,3-Dichloropropene	ND(0.0053)	ND(0.0062)	ND(0.0062)	ND(0.0061)	ND(0.0052)	NA	NA	ND(0.0060)
Dibromochloromethane	ND(0.0053)	ND(0.0062)	ND(0.0062)	ND(0.0061)	ND(0.0052)	NA	NA	ND(0.0060)
Dibromomethane	ND(0.0053)	ND(0.0062)	ND(0.0062)	ND(0.0061)	ND(0.0052)	NA	NA	ND(0.0060)
Dichlorodifluoromethane	ND(0.0053)	ND(0.0062)	ND(0.0062)	ND(0.0061)	ND(0.0052)	NA	NA	ND(0.0060)
Ethyl Methacrylate	ND(0.0053)	ND(0.0062)	ND(0.0062)	ND(0.0061)	ND(0.0052)	NA	NA	ND(0.0060)
Ethylbenzene	ND(0.0053)	ND(0.0062)	ND(0.0062)	ND(0.0061)	ND(0.0052)	NA	NA	ND(0.0060)
Iodomethane	ND(0.0053)	ND(0.0062)	ND(0.0062)	ND(0.0061)	ND(0.0052)	NA	NA	ND(0.0060)
Isobutanol	ND(0.10)	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.10)	NA	NA	ND(0.12)
Methacrylonitrile	ND(0.0053)	ND(0.0062)	ND(0.0062) J	ND(0.0061) J	ND(0.0052) J	NA	NA	ND(0.0060) J
Methyl Methacrylate	ND(0.0053)	ND(0.0062)	ND(0.0062) J	ND(0.0061) J	ND(0.0052) J	NA	NA	ND(0.0060) J
Methylene Chloride	ND(0.0053)	ND(0.0062)	ND(0.0062)	ND(0.0061)	ND(0.0052)	NA	NA	ND(0.0060)
Propionitrile	ND(0.010)	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.010)	NA	NA	ND(0.012)
Styrene	ND(0.0053)	ND(0.0062)	ND(0.0062)	ND(0.0061)	ND(0.0052)	NA	NA	ND(0.0060)
Tetrachloroethene	ND(0.0053)	ND(0.0062)	ND(0.0062)	0.0039 J	ND(0.0052)	NA	NA	ND(0.0060)
Toluene	ND(0.0053)	ND(0.0062)	ND(0.0062)	ND(0.0061)	ND(0.0052)	NA	NA	ND(0.0060)
trans-1,2-Dichloroethene	ND(0.0053)	ND(0.0062)	ND(0.0062)	ND(0.0061)	ND(0.0052)	NA	NA	ND(0.0060)
trans-1,3-Dichloropropene	ND(0.0053)	ND(0.0062)	ND(0.0062)	ND(0.0061)	ND(0.0052)	NA	NA	ND(0.0060)
trans-1,4-Dichloro-2-butene	ND(0.0053)	ND(0.0062) J	ND(0.0062)	ND(0.0061)	ND(0.0052)	NA	NA	ND(0.0060)
Trichloroethene	ND(0.0053)	0.010	ND(0.0062)	ND(0.0061)	ND(0.0052)	NA	NA	ND(0.0060)
Trichlorofluoromethane	ND(0.0053) J	ND(0.0062) J	ND(0.0062)	ND(0.0061)	ND(0.0052)	NA	NA	ND(0.0060)
Vinyl Acetate	ND(0.0053)	ND(0.0062)	ND(0.0062)	ND(0.0061)	ND(0.0052)	NA	NA	ND(0.0060)
Vinyl Chloride	ND(0.0053)	ND(0.0062)	ND(0.0062)	ND(0.0061)	ND(0.0052)	NA	NA	ND(0.0060)
Xylenes (total)	ND(0.0053)	ND(0.0062)	ND(0.0062)	ND(0.0061)	ND(0.0052)	NA	NA	ND(0.0060)
Semivolatile Organics								
1,2,4,5-Tetrachlorobenzene	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
1,2,4-Trichlorobenzene	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
1,2-Dichlorobenzene	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
1,2-Diphenylhydrazine	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
1,3,5-Trinitrobenzene	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
1,3-Dichlorobenzene	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
1,3-Dinitrobenzene	ND(0.71)	ND(0.83)	ND(0.83)	ND(0.82)	NA	ND(0.70)	ND(0.81)	NA
1,4-Dichlorobenzene	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
1,4-Naphthoquinone	ND(0.71)	ND(0.83)	ND(0.83)	ND(0.82)	NA	ND(0.70)	ND(0.81)	NA
1-Naphthylamine	ND(0.71)	ND(0.83)	ND(0.83)	ND(0.82)	NA	ND(0.70)	ND(0.81)	NA
2,3,4,6-Tetrachlorophenol	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA

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

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

Sample ID:	RAA12-O24	RAA12-O24	RAA12-P4	RAA12-P4	RAA12-P4	RAA12-P4	RAA12-P4	RAA12-P4
Sample Depth(Feet):	0-1	3-6	0-1	1-3	6-8	6-10	10-15	12-14
Parameter Date Collected:	09/09/02	09/09/02	12/16/02	12/16/02	12/16/02	12/16/02	12/16/02	12/16/02
Semivolatile Organics (continued)								
2,4,5-Trichlorophenol	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
2,4,6-Trichlorophenol	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
2,4-Dichlorophenol	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
2,4-Dimethylphenol	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
2,4-Dinitrophenol	ND(1.8)	ND(2.1)	ND(2.1) J	ND(2.1) J	NA	ND(1.8) J	ND(2.0) J	NA
2,4-Dinitrotoluene	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
2,6-Dichlorophenol	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
2,6-Dinitrotoluene	ND(0.35)	ND(0.41)	ND(0.41) J	ND(0.41) J	NA	ND(0.35) J	ND(0.40) J	NA
2-Acetylaminofluorene	ND(0.71)	ND(0.83)	ND(0.83)	ND(0.82)	NA	ND(0.70)	ND(0.81)	NA
2-Chloronaphthalene	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
2-Chlorophenol	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
2-Methylnaphthalene	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
2-Methylphenol	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
2-Naphthylamine	ND(0.71)	ND(0.83)	ND(0.83)	ND(0.82)	NA	ND(0.70)	ND(0.81)	NA
2-Nitroaniline	ND(1.8)	ND(2.1)	ND(2.1) J	ND(2.1) J	NA	ND(1.8) J	ND(2.0) J	NA
2-Nitrophenol	ND(0.71)	ND(0.83)	ND(0.83)	ND(0.82)	NA	ND(0.70)	ND(0.81)	NA
2-Picoline	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
3&4-Methylphenol	ND(0.71)	ND(0.83)	ND(0.83)	ND(0.82)	NA	ND(0.70)	ND(0.81)	NA
3,3'-Dichlorobenzidine	ND(0.71)	ND(0.83) J	ND(0.83)	ND(0.82)	NA	ND(0.70)	ND(0.81)	NA
3,3'-Dimethylbenzidine	ND(0.35)	ND(0.41) J	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
3-Methylcholanthrene	ND(0.71)	ND(0.83)	ND(0.83)	ND(0.82)	NA	ND(0.70)	ND(0.81)	NA
3-Nitroaniline	ND(1.8)	ND(2.1)	ND(2.1) J	ND(2.1) J	NA	ND(1.8) J	ND(2.0) J	NA
4,6-Dinitro-2-methylphenol	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
4-Aminobiphenyl	ND(0.71) J	ND(0.83) J	ND(0.83)	ND(0.82)	NA	ND(0.70)	ND(0.81)	NA
4-Bromophenyl-phenylether	ND(0.35) J	ND(0.41) J	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
4-Chloro-3-Methylphenol	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
4-Chloroaniline	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
4-Chlorobenzilate	ND(0.71)	ND(0.83) J	ND(0.83)	ND(0.82)	NA	ND(0.70)	ND(0.81)	NA
4-Chlorophenyl-phenylether	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
4-Nitroaniline	ND(1.8)	ND(2.1)	ND(2.1)	ND(2.1)	NA	ND(1.8)	ND(2.0)	NA
4-Nitrophenol	ND(1.8)	ND(2.1)	ND(2.1)	ND(2.1)	NA	ND(1.8)	ND(2.0)	NA
4-Nitroquinoline-1-oxide	ND(0.71) J	ND(0.83)	ND(0.83) J	ND(0.82) J	NA	ND(0.70) J	ND(0.81) J	NA
4-Phenylenediamine	ND(0.71) J	ND(0.83) J	ND(0.83)	ND(0.82)	NA	ND(0.70)	ND(0.81)	NA
5-Nitro-o-toluidine	ND(0.71)	ND(0.83)	ND(0.83)	ND(0.82)	NA	ND(0.70)	ND(0.81)	NA
7,12-Dimethylbenz(a)anthracene	ND(0.71)	ND(0.83)	ND(0.83)	ND(0.82)	NA	ND(0.70)	ND(0.81)	NA
a,a'-Dimethylphenethylamine	ND(0.71)	ND(0.83)	ND(0.83)	ND(0.82)	NA	ND(0.70)	ND(0.81)	NA
Acenaphthene	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
Acenaphthylene	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
Acetophenone	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
Aniline	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
Anthracene	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
Aramite	ND(0.71) J	ND(0.83) J	ND(0.83)	ND(0.82)	NA	ND(0.70)	ND(0.81)	NA
Benzidine	ND(0.71) J	ND(0.83) J	ND(0.83)	ND(0.82)	NA	ND(0.70)	ND(0.81)	NA
Benzo(a)anthracene	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
Benzo(a)pyrene	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
Benzo(b)fluoranthene	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
Benzo(g,h,i)perylene	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
Benzo(k)fluoranthene	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
Benzyl Alcohol	ND(0.71)	ND(0.83)	ND(0.83)	ND(0.82)	NA	ND(0.70)	ND(0.81)	NA
bis(2-Chloroethoxy)methane	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
bis(2-Chloroethyl)ether	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
bis(2-Chloroisopropyl)ether	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
bis(2-Ethylhexyl)phthalate	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.40)	NA	ND(0.34)	ND(0.40)	NA
Butylbenzylphthalate	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
Chrysene	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
Diallate	ND(0.71) J	ND(0.83)	ND(0.83)	ND(0.82)	NA	ND(0.70)	ND(0.81)	NA
Dibenzo(a,h)anthracene	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
Dibenzofuran	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
Diethylphthalate	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
Dimethylphthalate	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
Di-n-Butylphthalate	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
Di-n-Octylphthalate	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
Diphenylamine	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
Ethyl Methanesulfonate	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
Fluoranthene	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-O24 0-1 09/09/02	RAA12-O24 3-6 09/09/02	RAA12-P4 0-1 12/16/02	RAA12-P4 1-3 12/16/02	RAA12-P4 6-8 12/16/02	RAA12-P4 6-10 12/16/02	RAA12-P4 10-15 12/16/02	RAA12-P4 12-14 12/16/02
Semivolatile Organics (continued)								
Fluorene	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
Hexachlorobenzene	ND(0.35)	ND(0.41) J	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
Hexachlorobutadiene	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
Hexachlorocyclopentadiene	ND(0.35)	ND(0.41)	ND(0.41) J	ND(0.41) J	NA	ND(0.35) J	ND(0.40) J	NA
Hexachloroethane	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
Hexachlorophene	ND(0.71)	ND(0.83)	ND(0.83) J	ND(0.82) J	NA	ND(0.70) J	ND(0.81) J	NA
Hexachloropropene	ND(0.35) J	ND(0.41) J	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
Indeno(1,2,3-cd)pyrene	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
Isodrin	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
Isophorone	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
Isosafrole	ND(0.71)	ND(0.83)	ND(0.83)	ND(0.82)	NA	ND(0.70)	ND(0.81)	NA
Methapyrilene	ND(0.71) J	ND(0.83) J	ND(0.83)	ND(0.82)	NA	ND(0.70)	ND(0.81)	NA
Methyl Methanesulfonate	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
Naphthalene	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
Nitrobenzene	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
N-Nitrosodiethylamine	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
N-Nitrosodimethylamine	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
N-Nitroso-di-n-butylamine	ND(0.71)	ND(0.83)	ND(0.83)	ND(0.82)	NA	ND(0.70)	ND(0.81)	NA
N-Nitroso-di-n-propylamine	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
N-Nitrosodiphenylamine	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
N-Nitrosomethylethylamine	ND(0.71)	ND(0.83)	ND(0.83)	ND(0.82)	NA	ND(0.70)	ND(0.81)	NA
N-Nitrosomorpholine	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
N-Nitrosopiperidine	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
N-Nitrosopyrrolidine	ND(0.71)	ND(0.83)	ND(0.83)	ND(0.82)	NA	ND(0.70)	ND(0.81)	NA
o,o,o-Triethylphosphorothioate	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
o-Toluidine	ND(0.35) J	ND(0.41) J	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
p-Dimethylaminoazobenzene	ND(0.71)	ND(0.83)	ND(0.83)	ND(0.82)	NA	ND(0.70)	ND(0.81)	NA
Pentachlorobenzene	ND(0.35) J	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
Pentachloroethane	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
Pentachloronitrobenzene	ND(0.71)	ND(0.83)	ND(0.83)	ND(0.82)	NA	ND(0.70)	ND(0.81)	NA
Pentachlorophenol	ND(1.8)	ND(2.1)	ND(2.1)	ND(2.1)	NA	ND(1.8)	ND(2.0)	NA
Phenacetin	ND(0.71)	ND(0.83)	ND(0.83)	ND(0.82)	NA	ND(0.70)	ND(0.81)	NA
Phenanthrene	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
Phenol	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
Pronamide	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
Pyrene	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
Pyridine	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
Safrole	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
Thionazin	ND(0.35)	ND(0.41) J	ND(0.41)	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA
Organochlorine Pesticides								
4,4'-DDD	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA	NA	NA	NA
Alpha-BHC	NA	NA	NA	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	NA	NA	NA	NA	NA	NA	NA	NA
Endrin	NA	NA	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA	NA	NA	NA	NA
Endrin Ketone	NA	NA	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA	NA	NA	NA
Kepone	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA	NA	NA	NA	NA

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

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

Sample ID:	RAA12-O24	RAA12-O24	RAA12-P4	RAA12-P4	RAA12-P4	RAA12-P4	RAA12-P4	RAA12-P4
Sample Depth(Feet):	0-1	3-6	0-1	1-3	6-8	6-10	10-15	12-14
Parameter Date Collected:	09/09/02	09/09/02	12/16/02	12/16/02	12/16/02	12/16/02	12/16/02	12/16/02
Organophosphate Pesticides								
Dimethoate	NA	NA	NA	NA	NA	NA	NA	NA
Disulfoton	NA	NA	NA	NA	NA	NA	NA	NA
Ethyl Parathion	NA	NA	NA	NA	NA	NA	NA	NA
Famphur	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Parathion	NA	NA	NA	NA	NA	NA	NA	NA
Phorate	NA	NA	NA	NA	NA	NA	NA	NA
Sulfotep	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides								
2,4,5-T	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA	NA	NA	NA	NA
Dinoseb	NA	NA	NA	NA	NA	NA	NA	NA
Furans								
2,3,7,8-TCDF	0.00028 Y	0.0000070 Y	ND(0.0000010) X	ND(0.0000012)	NA	ND(0.00000026)	ND(0.00000025)	NA
TCDFs (total)	0.0024	0.000067	0.0000042	ND(0.0000012)	NA	ND(0.00000026)	ND(0.00000025)	NA
1,2,3,7,8-PeCDF	0.00020	0.0000033	ND(0.0000018)	ND(0.00000047) X	NA	ND(0.00000051)	ND(0.00000057)	NA
2,3,4,7,8-PeCDF	0.00028	0.0000034	0.00000080 J	ND(0.0000023)	NA	ND(0.00000051)	ND(0.00000057)	NA
PeCDFs (total)	0.0027 Q	0.000040	0.0000030	0.00000067	NA	ND(0.00000051)	ND(0.00000057)	NA
1,2,3,4,7,8-HxCDF	0.00045 J	0.0000038	ND(0.0000018)	ND(0.0000023)	NA	ND(0.00000051)	ND(0.00000057)	NA
1,2,3,6,7,8-HxCDF	0.00026	0.0000023 J	ND(0.0000018)	ND(0.0000023)	NA	ND(0.00000051)	ND(0.00000057)	NA
1,2,3,7,8,9-HxCDF	0.000038	0.00000042 J	ND(0.0000018)	ND(0.0000023)	NA	ND(0.00000051)	ND(0.00000057)	NA
2,3,4,6,7,8-HxCDF	0.00012	0.0000017 J	ND(0.0000018)	ND(0.0000023)	NA	ND(0.00000051)	ND(0.00000057)	NA
HxCDFs (total)	0.0020 J	0.000027	0.0000022	0.00000094	NA	ND(0.00000051)	ND(0.00000057)	NA
1,2,3,4,6,7,8-HpCDF	0.00039	0.0000036	0.0000012 J	0.0000012 J	NA	ND(0.00000051)	ND(0.00000057)	NA
1,2,3,4,7,8,9-HpCDF	0.000091	0.00000078 J	ND(0.0000018)	ND(0.0000023)	NA	ND(0.00000051)	ND(0.00000057)	NA
HpCDFs (total)	0.00072	0.0000066	0.0000012	0.0000012	NA	ND(0.00000051)	ND(0.00000057)	NA
OCDF	0.00058	0.0000038 J	ND(0.0000037)	ND(0.0000045)	NA	ND(0.0000010)	ND(0.0000011)	NA
Dioxins								
2,3,7,8-TCDD	0.0000015	ND(0.00000012)	ND(0.00000073)	ND(0.0000011)	NA	ND(0.00000021)	ND(0.00000035)	NA
TCDDs (total)	0.000037	0.0000019	ND(0.0000023)	ND(0.0000026)	NA	ND(0.00000058)	ND(0.00000066)	NA
1,2,3,7,8-PeCDD	0.0000044	0.00000019 J	ND(0.0000018)	ND(0.0000023)	NA	ND(0.00000051)	ND(0.00000057)	NA
PeCDDs (total)	0.000052 Q	0.0000018	ND(0.0000029)	ND(0.0000038)	NA	ND(0.00000079)	ND(0.0000010)	NA
1,2,3,4,7,8-HxCDD	0.0000061	0.00000014 J	ND(0.0000018)	ND(0.0000023)	NA	ND(0.00000052)	ND(0.00000058)	NA
1,2,3,6,7,8-HxCDD	0.0000083	0.00000024 J	ND(0.0000018)	ND(0.0000023)	NA	ND(0.00000051)	ND(0.00000057)	NA
1,2,3,7,8,9-HxCDD	0.0000056	ND(0.00000030)	ND(0.0000018)	ND(0.0000023)	NA	ND(0.00000051)	ND(0.00000057)	NA
HxCDDs (total)	0.00011	0.00000084	ND(0.0000029)	ND(0.0000038)	NA	ND(0.00000082)	ND(0.00000084)	NA
1,2,3,4,6,7,8-HpCDD	0.000067	0.0000014 J	ND(0.0000017) X	0.0000014 J	NA	0.00000034 J	ND(0.00000039) X	NA
HpCDDs (total)	0.00012	0.0000026	ND(0.0000018)	0.0000024	NA	0.00000034	ND(0.00000057)	NA
OCDD	0.00047	ND(0.0000059)	ND(0.0000079)	ND(0.0000069)	NA	ND(0.0000016)	ND(0.0000018)	NA
Total TEQs (WHO TEFs)	0.00028	0.0000037	0.0000024	0.0000032	NA	0.00000070	0.00000084	NA
Inorganics								
Antimony	ND(6.00)	ND(6.00)	ND(6.0)	ND(6.0)	NA	ND(6.00)	ND(6.0)	NA
Arsenic	3.90	4.30	7.30	1.40	NA	2.60	2.40	NA
Barium	140	1100	38.0	52.0	NA	7.50 B	5.50 B	NA
Beryllium	0.140 J	0.180 J	0.710	0.190 B	NA	0.420 B	0.260 B	NA
Cadmium	0.360 J	0.100 J	0.720	0.310 B	NA	0.360 B	0.300 B	NA
Chromium	9.00	11.0	8.20	5.10	NA	5.40	4.00	NA
Cobalt	4.00 B	1.80 B	11.0	3.40 B	NA	12.0	6.90	NA
Copper	300	14.0	25.0	11.0	NA	14.0	10.0	NA
Cyanide	0.0770 B	ND(0.120)	ND(0.120)	ND(0.120)	NA	ND(0.100)	ND(0.120)	NA
Lead	61.0	3.70	46.0	48.0	NA	5.20	4.20	NA
Mercury	0.0560 B	0.230	0.300	0.220	NA	ND(0.100)	ND(0.120)	NA
Nickel	9.10	5.60	17.0	6.40	NA	13.0	10.0	NA
Selenium	ND(1.00) J	ND(1.00) J	ND(1.00)	ND(1.00)	NA	ND(1.00)	ND(1.00)	NA
Silver	ND(1.00)	ND(1.00)	0.740 B	0.380 B	NA	ND(1.00)	ND(1.00)	NA
Sulfide	17.0	44.0	15.0	34.0	NA	8.40	22.0	NA
Thallium	ND(1.00) J	ND(1.20) J	1.00 J	ND(1.20) J	NA	ND(1.00) J	ND(1.20) J	NA
Tin	17.0	ND(10.0)	ND(10.0)	ND(10.0)	NA	ND(10.0)	ND(10.0)	NA
Vanadium	5.30	9.10	8.00	6.20	NA	4.90 B	3.80 B	NA
Zinc	78.0	28.0	58.0	56.0	NA	42.0	48.0	NA

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

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

Sample ID:	RAA12-P6	RAA12-P6	RAA12-P6	RAA12-P8	RAA12-P8	RAA12-P8	RAA12-P12	RAA12-P12
Sample Depth(Feet):	0-1	3-4	3-6	0-1	3-4	3-6	3-4	3-6
Parameter Date Collected:	12/16/02	12/16/02	12/16/02	12/11/02	12/11/02	12/11/02	12/10/02	12/10/02
Volatile Organics								
1,1,1,2-Tetrachloroethane	ND(0.0055)	ND(0.0064)	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0070)	NA
1,1,1-Trichloroethane	ND(0.0055)	ND(0.0064)	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0070)	NA
1,1,2,2-Tetrachloroethane	ND(0.0055)	ND(0.0064)	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0070)	NA
1,1,2-Trichloroethane	ND(0.0055)	ND(0.0064)	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0070)	NA
1,1-Dichloroethane	ND(0.0055)	ND(0.0064)	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0070)	NA
1,1-Dichloroethene	ND(0.0055)	ND(0.0064)	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0070)	NA
1,2,3-Trichloropropane	ND(0.0055)	ND(0.0064)	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0070)	NA
1,2-Dibromo-3-chloropropane	ND(0.0055)	ND(0.0064)	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0070)	NA
1,2-Dibromoethane	ND(0.0055)	ND(0.0064)	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0070)	NA
1,2-Dichloroethane	ND(0.0055)	ND(0.0064)	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0070)	NA
1,2-Dichloropropane	ND(0.0055)	ND(0.0064)	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0070)	NA
1,4-Dioxane	ND(0.11)	ND(0.13)	NA	ND(0.11) J	ND(0.11) J	NA	ND(0.14) J	NA
2-Butanone	ND(0.011)	ND(0.013)	NA	ND(0.011)	ND(0.011)	NA	ND(0.014)	NA
2-Chloro-1,3-butadiene	ND(0.0055)	ND(0.0064)	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0070)	NA
2-Chloroethylvinylether	ND(0.0055) J	ND(0.0064) J	NA	ND(0.0054) J	ND(0.0054) J	NA	ND(0.0070)	NA
2-Hexanone	ND(0.011)	ND(0.013)	NA	ND(0.011)	ND(0.011)	NA	ND(0.014)	NA
3-Chloropropene	ND(0.0055)	ND(0.0064)	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0070)	NA
4-Methyl-2-pentanone	ND(0.011)	ND(0.013)	NA	ND(0.011)	ND(0.011)	NA	ND(0.014)	NA
Acetone	ND(0.022)	ND(0.026)	NA	ND(0.022)	ND(0.021)	NA	ND(0.028)	NA
Acetonitrile	ND(0.11)	ND(0.13)	NA	ND(0.11)	ND(0.11)	NA	ND(0.14)	NA
Acrolein	ND(0.11) J	ND(0.13) J	NA	ND(0.11) J	ND(0.11) J	NA	ND(0.14) J	NA
Acrylonitrile	ND(0.0055) J	ND(0.0064) J	NA	ND(0.0054) J	ND(0.0054) J	NA	ND(0.0070)	NA
Benzene	ND(0.0055)	ND(0.0064)	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0070)	NA
Bromodichloromethane	ND(0.0055)	ND(0.0064)	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0070)	NA
Bromoform	ND(0.0055)	ND(0.0064)	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0070)	NA
Bromomethane	ND(0.0055)	ND(0.0064)	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0070)	NA
Carbon Disulfide	ND(0.0055) J	ND(0.0064) J	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0070)	NA
Carbon Tetrachloride	ND(0.0055)	ND(0.0064)	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0070)	NA
Chlorobenzene	ND(0.0055)	ND(0.0064)	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0070)	NA
Chloroethane	ND(0.0055)	ND(0.0064)	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0070)	NA
Chloroform	ND(0.0055)	ND(0.0064)	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0070)	NA
Chloromethane	ND(0.0055)	ND(0.0064)	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0070) J	NA
cis-1,3-Dichloropropene	ND(0.0055)	ND(0.0064)	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0070)	NA
Dibromochloromethane	ND(0.0055)	ND(0.0064)	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0070)	NA
Dibromomethane	ND(0.0055)	ND(0.0064)	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0070)	NA
Dichlorodifluoromethane	ND(0.0055)	ND(0.0064)	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0070)	NA
Ethyl Methacrylate	ND(0.0055)	ND(0.0064)	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0070)	NA
Ethylbenzene	ND(0.0055)	ND(0.0064)	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0070)	NA
Iodomethane	ND(0.0055)	ND(0.0064)	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0070)	NA
Isobutanol	ND(0.11)	ND(0.13)	NA	ND(0.11) J	ND(0.11) J	NA	ND(0.14)	NA
Methacrylonitrile	ND(0.0055) J	ND(0.0064) J	NA	ND(0.0054) J	ND(0.0054) J	NA	ND(0.0070) J	NA
Methyl Methacrylate	ND(0.0055) J	ND(0.0064) J	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0070)	NA
Methylene Chloride	ND(0.0055)	ND(0.0064)	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0070)	NA
Propionitrile	ND(0.011)	ND(0.013)	NA	ND(0.011)	ND(0.011)	NA	ND(0.014)	NA
Styrene	ND(0.0055)	ND(0.0064)	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0070)	NA
Tetrachloroethene	ND(0.0055)	ND(0.0064)	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0070)	NA
Toluene	ND(0.0055)	ND(0.0064)	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0070)	NA
trans-1,2-Dichloroethene	ND(0.0055)	ND(0.0064)	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0070)	NA
trans-1,3-Dichloropropene	ND(0.0055)	ND(0.0064)	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0070)	NA
trans-1,4-Dichloro-2-butene	ND(0.0055)	ND(0.0064)	NA	ND(0.0054) J	ND(0.0054)	NA	ND(0.0070)	NA
Trichloroethene	ND(0.0055)	ND(0.0064)	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0070)	NA
Trichlorofluoromethane	ND(0.0055)	ND(0.0064)	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0070)	NA
Vinyl Acetate	ND(0.0055)	ND(0.0064)	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0070)	NA
Vinyl Chloride	ND(0.0055)	ND(0.0064)	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0070)	NA
Xylenes (total)	ND(0.0055)	ND(0.0064)	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0070)	NA
Semivolatile Organics								
1,2,4,5-Tetrachlorobenzene	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)
1,2,4-Trichlorobenzene	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	R
1,2-Dichlorobenzene	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)
1,2-Diphenylhydrazine	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)
1,3,5-Trinitrobenzene	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)
1,3-Dichlorobenzene	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)
1,3-Dinitrobenzene	ND(0.74)	NA	ND(0.86)	ND(0.73)	NA	ND(0.72)	NA	ND(0.94)
1,4-Dichlorobenzene	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)
1,4-Naphthoquinone	ND(0.74)	NA	ND(0.86)	ND(0.73)	NA	ND(0.72)	NA	ND(0.94)
1-Naphthylamine	ND(0.74)	NA	ND(0.86)	ND(0.73)	NA	ND(0.72)	NA	ND(0.94)
2,3,4,6-Tetrachlorophenol	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-P6 0-1 12/16/02	RAA12-P6 3-4 12/16/02	RAA12-P6 3-6 12/16/02	RAA12-P8 0-1 12/11/02	RAA12-P8 3-4 12/11/02	RAA12-P8 3-6 12/11/02	RAA12-P12 3-4 12/10/02	RAA12-P12 3-6 12/10/02
Semivolatile Organics (continued)								
2,4,5-Trichlorophenol	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)
2,4,6-Trichlorophenol	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)
2,4-Dichlorophenol	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)
2,4-Dimethylphenol	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)
2,4-Dinitrophenol	ND(1.9) J	NA	ND(2.2) J	ND(1.8) J	NA	ND(1.8) J	NA	ND(2.4) J
2,4-Dinitrotoluene	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47) J
2,6-Dichlorophenol	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)
2,6-Dinitrotoluene	ND(0.37) J	NA	ND(0.43) J	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)
2-Acetylaminofluorene	ND(0.74)	NA	ND(0.86)	ND(0.73)	NA	ND(0.72)	NA	ND(0.94)
2-Chloronaphthalene	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)
2-Chlorophenol	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	R
2-Methylnaphthalene	ND(0.37)	NA	ND(0.43)	0.43	NA	ND(0.36)	NA	0.12 J
2-Methylphenol	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)
2-Naphthylamine	ND(0.74)	NA	ND(0.86)	ND(0.73)	NA	ND(0.72)	NA	ND(0.94)
2-Nitroaniline	ND(1.9) J	NA	ND(2.2) J	ND(1.8)	NA	ND(1.8)	NA	ND(2.4)
2-Nitrophenol	ND(0.74)	NA	ND(0.86)	ND(0.73)	NA	ND(0.72)	NA	ND(0.94)
2-Picoline	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)
3&4-Methylphenol	ND(0.74)	NA	ND(0.86)	ND(0.73)	NA	ND(0.72)	NA	ND(0.94)
3,3'-Dichlorobenzidine	ND(0.74)	NA	ND(0.86)	ND(0.73)	NA	ND(0.72)	NA	ND(0.94)
3,3'-Dimethylbenzidine	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)
3-Methylcholanthrene	ND(0.74)	NA	ND(0.86)	ND(0.73)	NA	ND(0.72)	NA	ND(0.94)
3-Nitroaniline	ND(1.9) J	NA	ND(2.2) J	ND(1.8)	NA	ND(1.8)	NA	ND(2.4)
4,6-Dinitro-2-methylphenol	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)
4-Aminobiphenyl	ND(0.74)	NA	ND(0.86)	ND(0.73)	NA	ND(0.72)	NA	ND(0.94)
4-Bromophenyl-phenylether	ND(0.37)	NA	ND(0.43)	ND(0.36) J	NA	ND(0.36) J	NA	ND(0.47)
4-Chloro-3-Methylphenol	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47) J
4-Chloroaniline	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)
4-Chlorobenzilate	ND(0.74)	NA	ND(0.86)	ND(0.73)	NA	ND(0.72)	NA	ND(0.94)
4-Chlorophenyl-phenylether	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)
4-Nitroaniline	ND(1.9)	NA	ND(2.2)	ND(1.8)	NA	ND(1.8)	NA	ND(2.4)
4-Nitrophenol	ND(1.9)	NA	ND(2.2)	ND(1.8) J	NA	ND(1.8) J	NA	ND(2.4)
4-Nitroquinoline-1-oxide	ND(0.74) J	NA	ND(0.86) J	ND(0.73)	NA	ND(0.72)	NA	ND(0.94) J
4-Phenylenediamine	ND(0.74)	NA	ND(0.86)	ND(0.73) J	NA	ND(0.72) J	NA	ND(0.94) J
5-Nitro-o-toluidine	ND(0.74)	NA	ND(0.86)	ND(0.73)	NA	ND(0.72)	NA	ND(0.94)
7,12-Dimethylbenz(a)anthracene	ND(0.74)	NA	ND(0.86)	ND(0.73)	NA	ND(0.72)	NA	ND(0.94)
a,a'-Dimethylphenethylamine	ND(0.74)	NA	ND(0.86)	ND(0.73)	NA	ND(0.72)	NA	ND(0.94) J
Acenaphthene	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	0.21 J
Acenaphthylene	0.081 J	NA	ND(0.43)	7.9	NA	ND(0.36)	NA	ND(0.47)
Acetophenone	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)
Aniline	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)
Anthracene	ND(0.37)	NA	ND(0.43)	6.8	NA	ND(0.36)	NA	0.45 J
Aramite	ND(0.74)	NA	ND(0.86)	ND(0.73)	NA	ND(0.72)	NA	ND(0.94)
Benzidine	ND(0.74)	NA	ND(0.86)	ND(0.73) J	NA	ND(0.72) J	NA	ND(0.94)
Benzo(a)anthracene	0.12 J	NA	ND(0.43)	22	NA	ND(0.36)	NA	0.88
Benzo(a)pyrene	0.14 J	NA	ND(0.43)	18	NA	ND(0.36)	NA	0.55
Benzo(b)fluoranthene	0.14 J	NA	ND(0.43)	17	NA	ND(0.36)	NA	0.66
Benzo(g,h,i)perylene	ND(0.37)	NA	ND(0.43)	12	NA	ND(0.36)	NA	0.31 J
Benzo(k)fluoranthene	ND(0.37)	NA	ND(0.43)	7.5	NA	ND(0.36)	NA	0.31 J
Benzyl Alcohol	ND(0.74)	NA	ND(0.86)	ND(0.73)	NA	ND(0.72)	NA	ND(0.94)
bis(2-Chloroethoxy)methane	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)
bis(2-Chloroethyl)ether	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)
bis(2-Chloroisopropyl)ether	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)
bis(2-Ethylhexyl)phthalate	ND(0.36)	NA	ND(0.42)	ND(0.36)	NA	ND(0.35)	NA	ND(0.46)
Butylbenzylphthalate	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)
Chrysene	ND(0.37)	NA	ND(0.43)	14 J	NA	ND(0.36) J	NA	0.72
Diallate	ND(0.74)	NA	ND(0.86)	ND(0.73)	NA	ND(0.72)	NA	ND(0.94)
Dibenzo(a,h)anthracene	ND(0.37)	NA	ND(0.43)	3.6	NA	ND(0.36)	NA	ND(0.47)
Dibenzofuran	ND(0.37)	NA	ND(0.43)	0.35 J	NA	ND(0.36)	NA	0.13 J
Diethylphthalate	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)
Dimethylphthalate	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)
Di-n-Butylphthalate	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)
Di-n-Octylphthalate	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)
Diphenylamine	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)
Ethyl Methanesulfonate	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)
Fluoranthene	0.11 J	NA	ND(0.43)	32	NA	ND(0.36)	NA	1.6

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

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

Sample ID:	RAA12-P6	RAA12-P6	RAA12-P6	RAA12-P8	RAA12-P8	RAA12-P8	RAA12-P12	RAA12-P12
Sample Depth(Feet):	0-1	3-4	3-6	0-1	3-4	3-6	3-4	3-6
Parameter Date Collected:	12/16/02	12/16/02	12/16/02	12/11/02	12/11/02	12/11/02	12/10/02	12/10/02
Semivolatile Organics (continued)								
Fluorene	ND(0.37)	NA	ND(0.43)	1.7	NA	ND(0.36)	NA	0.25 J
Hexachlorobenzene	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)
Hexachlorobutadiene	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)
Hexachlorocyclopentadiene	ND(0.37) J	NA	ND(0.43) J	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)
Hexachloroethane	ND(0.37)	NA	ND(0.43)	ND(0.36) J	NA	ND(0.36) J	NA	ND(0.47)
Hexachlorophene	ND(0.74) J	NA	ND(0.86) J	ND(0.73) J	NA	ND(0.72) J	NA	ND(0.94) J
Hexachloropropene	ND(0.37)	NA	ND(0.43)	ND(0.36) J	NA	ND(0.36) J	NA	ND(0.47)
Indeno(1,2,3-cd)pyrene	ND(0.37)	NA	ND(0.43)	11	NA	ND(0.36)	NA	0.29 J
Isodrin	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)
Isophorone	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)
Isosafrole	ND(0.74)	NA	ND(0.86)	ND(0.73)	NA	ND(0.72)	NA	ND(0.94)
Methapyrilene	ND(0.74)	NA	ND(0.86)	ND(0.73)	NA	ND(0.72)	NA	ND(0.94)
Methyl Methanesulfonate	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)
Naphthalene	0.085 J	NA	ND(0.43)	0.66	NA	ND(0.36)	NA	0.22 J
Nitrobenzene	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)
N-Nitrosodiethylamine	ND(0.37)	NA	ND(0.43)	ND(0.36) J	NA	ND(0.36) J	NA	ND(0.47)
N-Nitrosodimethylamine	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)
N-Nitroso-di-n-butylamine	ND(0.74)	NA	ND(0.86)	ND(0.73)	NA	ND(0.72)	NA	ND(0.94)
N-Nitroso-di-n-propylamine	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	R
N-Nitrosodiphenylamine	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)
N-Nitrosomethylethylamine	ND(0.74)	NA	ND(0.86)	ND(0.73)	NA	ND(0.72)	NA	ND(0.94)
N-Nitrosomorpholine	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)
N-Nitrosopiperidine	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)
N-Nitrosopyrrolidine	ND(0.74)	NA	ND(0.86)	ND(0.73)	NA	ND(0.72)	NA	ND(0.94)
o,o,o-Triethyiphosphorothioate	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)
o-Toluidine	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)
p-Dimethylaminoazobenzene	ND(0.74)	NA	ND(0.86)	ND(0.73)	NA	ND(0.72)	NA	ND(0.94)
Pentachlorobenzene	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)
Pentachloroethane	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)
Pentachloronitrobenzene	ND(0.74)	NA	ND(0.86)	ND(0.73)	NA	ND(0.72)	NA	ND(0.94)
Pentachlorophenol	ND(1.9)	NA	ND(2.2)	ND(1.8)	NA	ND(1.8)	NA	ND(2.4) J
Phenacetin	ND(0.74)	NA	ND(0.86)	ND(0.73)	NA	ND(0.72)	NA	ND(0.94)
Phenanthrene	ND(0.37)	NA	ND(0.43)	8.4	NA	ND(0.36)	NA	2.0
Phenol	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47) J
Pronamide	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47) J
Pyrene	0.14 J	NA	ND(0.43)	37	NA	ND(0.36)	NA	1.6 J
Pyridine	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)
Safrole	ND(0.37)	NA	ND(0.43)	ND(0.36) J	NA	ND(0.36) J	NA	ND(0.47)
Thionazin	ND(0.37)	NA	ND(0.43)	ND(0.36)	NA	ND(0.36)	NA	ND(0.47)
Organochlorine Pesticides								
4,4'-DDD	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA	NA	NA	NA
Alpha-BHC	NA	NA	NA	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	NA	NA	NA	NA	NA	NA	NA	NA
Endrin	NA	NA	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA	NA	NA	NA	NA
Endrin Ketone	NA	NA	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA	NA	NA	NA
Kepone	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA	NA	NA	NA	NA

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

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

Sample ID:	RAA12-P6	RAA12-P6	RAA12-P6	RAA12-P8	RAA12-P8	RAA12-P8	RAA12-P12	RAA12-P12
Sample Depth(Feet):	0-1	3-4	3-6	0-1	3-4	3-6	3-4	3-6
Parameter Date Collected:	12/16/02	12/16/02	12/16/02	12/11/02	12/11/02	12/11/02	12/10/02	12/10/02
Organophosphate Pesticides								
Dimethoate	NA	NA	NA	NA	NA	NA	NA	NA
Disulfoton	NA	NA	NA	NA	NA	NA	NA	NA
Ethyl Parathion	NA	NA	NA	NA	NA	NA	NA	NA
Famphur	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Parathion	NA	NA	NA	NA	NA	NA	NA	NA
Phorate	NA	NA	NA	NA	NA	NA	NA	NA
Sulfotep	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides								
2,4,5-T	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA	NA	NA	NA	NA
Dinoseb	NA	NA	NA	NA	NA	NA	NA	NA
Furans								
2,3,7,8-TCDF	0.0000066 J	NA	ND(0.00000033)	ND(0.0000012) X	NA	ND(0.00000022)	NA	0.000021 Y
TCDFs (total)	0.000042	NA	ND(0.00000033)	0.0000024 Q	NA	ND(0.00000022)	NA	0.00015 Q
1,2,3,7,8-PeCDF	ND(0.0000030) X	NA	ND(0.00000062)	0.00000081 J	NA	ND(0.00000014) X	NA	0.0000092 J
2,3,4,7,8-PeCDF	0.0000047 J	NA	ND(0.00000062)	ND(0.0000018) XQ	NA	ND(0.00000056)	NA	0.000013 J
PeCDFs (total)	0.000041	NA	ND(0.00000062)	0.000011 Q	NA	ND(0.00000056)	NA	0.00013 Q
1,2,3,4,7,8-HxCDF	ND(0.0000034) X	NA	ND(0.00000062)	ND(0.0000021)	NA	ND(0.00000056)	NA	0.000018 J
1,2,3,6,7,8-HxCDF	0.0000023 J	NA	ND(0.00000062)	0.00000084 J	NA	ND(0.00000056)	NA	0.000010 J
1,2,3,7,8,9-HxCDF	ND(0.0000024)	NA	ND(0.00000062)	ND(0.0000021)	NA	ND(0.00000056)	NA	0.0000026 J
2,3,4,6,7,8-HxCDF	ND(0.0000040) X	NA	ND(0.00000062)	0.0000012 J	NA	ND(0.00000056)	NA	0.0000066 J
HxCDFs (total)	0.000035	NA	ND(0.00000062)	0.000013	NA	ND(0.00000056)	NA	0.000097
1,2,3,4,6,7,8-HpCDF	0.0000099 J	NA	ND(0.00000062)	0.0000019 J	NA	ND(0.00000056)	NA	0.000018 J
1,2,3,4,7,8,9-HpCDF	ND(0.0000024)	NA	ND(0.00000062)	ND(0.0000021)	NA	ND(0.00000056)	NA	0.0000054 J
HpCDFs (total)	0.0000099	NA	ND(0.00000062)	0.0000019	NA	ND(0.00000056)	NA	0.000035
OCDF	ND(0.0000076) X	NA	ND(0.0000012)	ND(0.00000040) X	NA	ND(0.0000011)	NA	0.000021 J
Dioxins								
2,3,7,8-TCDD	ND(0.0000015)	NA	ND(0.00000027)	ND(0.0000012)	NA	ND(0.00000022)	NA	ND(0.0000010)
TCDDs (total)	ND(0.0000015)	NA	ND(0.00000061)	ND(0.0000012)	NA	ND(0.00000068)	NA	0.0000015
1,2,3,7,8-PeCDD	ND(0.0000024)	NA	ND(0.00000062)	ND(0.0000021)	NA	ND(0.00000056)	NA	ND(0.0000012) X
PeCDDs (total)	ND(0.0000047)	NA	ND(0.0000010)	ND(0.0000031)	NA	ND(0.0000010)	NA	0.0000021
1,2,3,4,7,8-HxCDD	ND(0.0000029)	NA	ND(0.00000062)	ND(0.0000021)	NA	ND(0.00000056)	NA	ND(0.0000012) X
1,2,3,6,7,8-HxCDD	ND(0.0000027)	NA	ND(0.00000062)	ND(0.0000021)	NA	ND(0.00000056)	NA	ND(0.0000013) X
1,2,3,7,8,9-HxCDD	ND(0.0000027)	NA	ND(0.00000062)	ND(0.0000021)	NA	ND(0.00000056)	NA	0.0000011 J
HxCDDs (total)	ND(0.0000041)	NA	ND(0.00000099)	ND(0.0000044)	NA	ND(0.0000011)	NA	0.0000038
1,2,3,4,6,7,8-HpCDD	ND(0.0000048) X	NA	0.00000058 J	0.0000036 J	NA	ND(0.00000039)	NA	0.0000051 J
HpCDDs (total)	0.0000042	NA	0.00000058	0.0000060	NA	ND(0.00000039)	NA	0.0000092
OCDD	ND(0.000029)	NA	ND(0.0000023)	0.000018 J	NA	ND(0.0000014)	NA	ND(0.000026)
Total TEQs (WHO TEFs)	0.0000063	NA	0.00000086	0.0000030	NA	0.00000075	NA	0.000014
Inorganics								
Antimony	ND(6.00)	NA	ND(6.00)	ND(6.00) J	NA	ND(6.00) J	NA	ND(6.00)
Arsenic	6.70	NA	2.90	5.30 J	NA	0.430 J	NA	5.90 J
Barium	17.0 B	NA	27.0	14.0 J	NA	7.10 J	NA	140 J
Beryllium	0.170 B	NA	0.400 B	ND(0.50)	NA	ND(0.50)	NA	ND(0.50)
Cadmium	0.450 B	NA	0.310 B	0.410 B	NA	0.130 B	NA	0.970
Chromium	7.40	NA	11.0	4.90	NA	3.70	NA	21.0
Cobalt	11.0	NA	9.90	7.10	NA	4.00 B	NA	9.60
Copper	28.0	NA	21.0	20.0 J	NA	5.60 J	NA	62.0
Cyanide	ND(0.110)	NA	ND(0.130)	ND(0.220)	NA	ND(0.110)	NA	ND(0.140)
Lead	21.0	NA	12.0	18.0	NA	3.40	NA	540 J
Mercury	0.310	NA	0.0480 B	0.270	NA	0.0820 B	NA	42.0 J
Nickel	18.0	NA	20.0	10.0 J	NA	9.10 J	NA	17.0
Selenium	ND(1.00)	NA	ND(1.00)	ND(1.00) J	NA	ND(1.00) J	NA	ND(1.00)
Silver	ND(1.00)	NA	ND(1.00)	ND(1.00)	NA	ND(1.00)	NA	ND(1.00)
Sulfide	22.0	NA	20.0	22.0 J	NA	26.0 J	NA	31.0
Thallium	ND(1.10) J	NA	ND(1.30) J	ND(1.10)	NA	ND(1.10)	NA	ND(1.40) J
Tin	ND(10.0)	NA	ND(10.0)	ND(10.0)	NA	ND(10.0)	NA	41.0 J
Vanadium	6.10	NA	11.0	4.40 B	NA	3.00 B	NA	12.0
Zinc	62.0	NA	57.0	33.0	NA	26.0	NA	170 J

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

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

Sample ID:	RAA12-P21	RAA12-Q5	RAA12-Q13	RAA12-Q21	RAA12-Q22	RAA12-R4	RAA12-R8
Sample Depth(Feet):	0-1	0-1	0-1	0-1	0-1	0-1	0-1
Parameter Date Collected:	08/07/02	12/17/02	12/05/02	08/07/02	08/07/02	12/16/02	12/10/02
Volatile Organics							
1,1,1,2-Tetrachloroethane	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0056)
1,1,1-Trichloroethane	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0056)
1,1,2,2-Tetrachloroethane	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0056)
1,1,2-Trichloroethane	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0056)
1,1-Dichloroethane	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0056)
1,1-Dichloroethene	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0056)
1,2,3-Trichloropropane	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0056)
1,2-Dibromo-3-chloropropane	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0056)
1,2-Dibromoethane	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0056)
1,2-Dichloroethane	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0056)
1,2-Dichloropropane	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0056)
1,4-Dioxane	ND(0.12) J	ND(0.11)	ND(0.11)	ND(0.11) J	ND(0.11) J	ND(0.11)	ND(0.11) J
2-Butanone	ND(0.012)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)
2-Chloro-1,3-butadiene	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0056)
2-Chloroethylvinylether	ND(0.0058)	ND(0.0054) J	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055) J	ND(0.0056)
2-Hexanone	ND(0.012)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)
3-Chloropropene	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0056)
4-Methyl-2-pentanone	ND(0.012)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)
Acetone	ND(0.023)	ND(0.022)	ND(0.021)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)
Acetonitrile	ND(0.12)	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)
Acrolein	ND(0.12) J	ND(0.11) J	ND(0.11) J	ND(0.11) J	ND(0.11) J	ND(0.11) J	ND(0.11) J
Acrylonitrile	ND(0.0058)	ND(0.0054) J	ND(0.0053) J	ND(0.0055)	ND(0.0056)	ND(0.0055) J	ND(0.0056)
Benzene	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0056)
Bromodichloromethane	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0056)
Bromoform	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0056)
Bromomethane	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0056)
Carbon Disulfide	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055) J	ND(0.0056)
Carbon Tetrachloride	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0056)
Chlorobenzene	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0056)
Chloroethane	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0056)
Chloroform	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0056)
Chloromethane	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0056) J
cis-1,3-Dichloropropene	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0056)
Dibromochloromethane	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0056)
Dibromomethane	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0056)
Dichlorodifluoromethane	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0056)
Ethyl Methacrylate	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0056)
Ethylbenzene	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0056)
Iodomethane	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0056)
Isobutanol	ND(0.12)	ND(0.11) J	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)
Methacrylonitrile	ND(0.0058)	ND(0.0054) J	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055) J	ND(0.0056) J
Methyl Methacrylate	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055) J	ND(0.0056)
Methylene Chloride	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0056)
Propionitrile	ND(0.012) J	ND(0.011)	ND(0.011)	ND(0.011) J	ND(0.011) J	ND(0.011)	ND(0.011)
Styrene	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0056)
Tetrachloroethene	ND(0.0058)	0.0028 J	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0056)
Toluene	ND(0.0058)	ND(0.0054)	0.0095	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0056)
trans-1,2-Dichloroethene	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0056)
trans-1,3-Dichloropropene	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0056)
trans-1,4-Dichloro-2-butene	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0056)
Trichloroethene	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0056)
Trichlorofluoromethane	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0056)
Vinyl Acetate	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0056)
Vinyl Chloride	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0056)
Xylenes (total)	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0056)
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
1,2,4-Trichlorobenzene	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
1,2-Dichlorobenzene	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
1,2-Diphenylhydrazine	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
1,3,5-Trinitrobenzene	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
1,3-Dichlorobenzene	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
1,3-Dinitrobenzene	ND(0.78)	ND(0.73)	ND(0.71)	ND(0.74)	ND(0.75)	ND(0.74)	ND(0.74)
1,4-Dichlorobenzene	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
1,4-Naphthoquinone	ND(0.78)	ND(0.73)	ND(0.71)	ND(0.74)	ND(0.75)	ND(0.74)	ND(0.74)
1-Naphthylamine	ND(0.78)	ND(0.73)	ND(0.71)	ND(0.74)	ND(0.75)	ND(0.74)	ND(0.74)
2,3,4,6-Tetrachlorophenol	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)

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

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

Sample ID:	RAA12-P21	RAA12-Q5	RAA12-Q13	RAA12-Q21	RAA12-Q22	RAA12-R4	RAA12-R8
Sample Depth(Feet):	0-1	0-1	0-1	0-1	0-1	0-1	0-1
Parameter Date Collected:	08/07/02	12/17/02	12/05/02	08/07/02	08/07/02	12/16/02	12/10/02
Semivolatile Organics (continued)							
2,4,5-Trichlorophenol	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
2,4,6-Trichlorophenol	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
2,4-Dichlorophenol	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
2,4-Dimethylphenol	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
2,4-Dinitrophenol	ND(2.0)	ND(1.8) J	ND(2.1)	ND(1.9)	ND(1.9)	ND(1.9) J	ND(1.9) J
2,4-Dinitrotoluene	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
2,6-Dichlorophenol	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
2,6-Dinitrotoluene	ND(0.38)	ND(0.36) J	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37) J	ND(0.37)
2-Acetylaminofluorene	ND(0.78)	ND(0.73)	ND(0.71)	ND(0.74)	ND(0.75)	ND(0.74)	ND(0.74) J
2-Chloronaphthalene	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
2-Chlorophenol	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
2-Methylnaphthalene	ND(0.38)	11	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
2-Methylphenol	ND(0.38)	0.084 J	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
2-Naphthylamine	ND(0.78)	ND(0.73)	ND(0.71)	ND(0.74)	ND(0.75)	ND(0.74)	ND(0.74)
2-Nitroaniline	ND(2.0)	ND(1.8) J	ND(2.1)	ND(1.9)	ND(1.9)	ND(1.9) J	ND(1.9)
2-Nitrophenol	ND(0.78)	ND(0.73)	ND(0.71)	ND(0.74)	ND(0.75)	ND(0.74)	ND(0.74)
2-Picoline	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
3&4-Methylphenol	ND(0.78)	0.27 J	ND(0.71)	ND(0.74)	ND(0.75)	ND(0.74)	ND(0.74)
3,3'-Dichlorobenzidine	ND(0.78) J	ND(0.73)	ND(0.85)	ND(0.74) J	ND(0.75) J	ND(0.74)	ND(0.74)
3,3'-Dimethylbenzidine	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
3-Methylcholanthrene	ND(0.78)	ND(0.73)	ND(0.71)	ND(0.74)	ND(0.75)	ND(0.74)	ND(0.74)
3-Nitroaniline	ND(2.0)	ND(1.8) J	ND(2.1)	ND(1.9)	ND(1.9)	ND(1.9) J	ND(1.9)
4,6-Dinitro-2-methylphenol	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
4-Aminobiphenyl	ND(0.78)	ND(0.73)	ND(0.71)	ND(0.74)	ND(0.75)	ND(0.74)	ND(0.74)
4-Bromophenyl-phenylether	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
4-Chloro-3-Methylphenol	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
4-Chloroaniline	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
4-Chlorobenzilate	ND(0.78)	ND(0.73)	ND(0.71)	ND(0.74)	ND(0.75)	ND(0.74)	ND(0.74)
4-Chlorophenyl-phenylether	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
4-Nitroaniline	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)
4-Nitrophenol	ND(2.0)	ND(1.8)	ND(2.1) J	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9) J
4-Nitroquinoline-1-oxide	ND(0.78) J	ND(0.73) J	ND(0.71)	ND(0.74) J	ND(0.75) J	ND(0.74) J	ND(0.74) J
4-Phenylenediamine	ND(0.78) J	ND(0.73)	ND(0.71) J	ND(0.74) J	ND(0.75) J	ND(0.74)	ND(0.74) J
5-Nitro-o-toluidine	ND(0.78)	ND(0.73)	ND(0.71)	ND(0.74)	ND(0.75)	ND(0.74)	ND(0.74)
7,12-Dimethylbenz(a)anthracene	ND(0.78)	ND(0.73)	ND(0.71)	ND(0.74)	ND(0.75)	ND(0.74)	ND(0.74)
a,a'-Dimethylphenethylamine	ND(0.78)	ND(0.73)	ND(0.71)	ND(0.74)	ND(0.75)	ND(0.74)	ND(0.74) J
Acenaphthene	ND(0.38)	4.9	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
Acenaphthylene	ND(0.38)	8.9 J	ND(0.43)	ND(0.36)	0.12 J	ND(0.37)	ND(0.37)
Acetophenone	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
Aniline	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
Anthracene	0.084 J	14	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
Aramite	ND(0.78)	ND(0.73)	ND(0.71)	ND(0.74)	ND(0.75)	ND(0.74)	ND(0.74)
Benzidine	ND(0.78) J	ND(0.73)	ND(0.85) J	ND(0.74) J	ND(0.75) J	ND(0.74)	ND(0.74)
Benzo(a)anthracene	0.32 J	14	ND(0.43)	ND(0.36)	0.29 J	0.36 J	0.14 J
Benzo(a)pyrene	0.30 J	11	ND(0.43)	ND(0.36)	0.27 J	0.30 J	0.12 J
Benzo(b)fluoranthene	0.34 J	12	ND(0.43)	ND(0.36)	0.33 J	0.36 J	0.15 J
Benzo(g,h,i)perylene	0.27 J	6.7	ND(0.43)	ND(0.36)	0.29 J	0.23 J	0.079 J
Benzo(k)fluoranthene	0.26 J	5.4	ND(0.43)	ND(0.36)	0.23 J	0.14 J	0.087 J
Benzyl Alcohol	ND(0.78)	ND(0.73)	ND(0.85)	ND(0.74)	ND(0.75)	ND(0.74)	ND(0.74)
bis(2-Chloroethoxy)methane	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
bis(2-Chloroethyl)ether	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
bis(2-Chloroisopropyl)ether	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
bis(2-Ethylhexyl)phthalate	ND(0.38)	ND(0.36)	0.33 J	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
Butylbenzylphthalate	ND(0.38)	ND(0.36)	0.24 J	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
Chrysene	0.32 J	14	ND(0.43)	ND(0.36)	0.34 J	0.28 J	0.11 J
Dialiate	ND(0.78)	ND(0.73)	ND(0.71)	ND(0.74)	ND(0.75)	ND(0.74)	ND(0.74)
Dibenzo(a,h)anthracene	ND(0.38)	1.8	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
Dibenzofuran	ND(0.38)	5.9	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
Diethylphthalate	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
Dimethylphthalate	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
Di-n-Butylphthalate	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
Di-n-Octylphthalate	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
Diphenylamine	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
Ethyl Methanesulfonate	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
Fluoranthene	0.56	39	0.098 J	ND(0.36)	0.44	0.53	0.13 J

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-P21 0-1 08/07/02	RAA12-Q5 0-1 12/17/02	RAA12-Q13 0-1 12/05/02	RAA12-Q21 0-1 08/07/02	RAA12-Q22 0-1 08/07/02	RAA12-R4 0-1 12/16/02	RAA12-R8 0-1 12/10/02
Semivolatile Organics (continued)							
Fluorene	ND(0.38)	14	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
Hexachlorobenzene	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
Hexachlorobutadiene	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
Hexachlorocyclopentadiene	ND(0.38)	ND(0.36) J	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37) J	ND(0.37)
Hexachloroethane	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
Hexachlorophene	ND(0.78) J	ND(0.73) J	ND(0.85) J	ND(0.74) J	ND(0.75) J	ND(0.74) J	ND(0.74) J
Hexachloropropene	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
Indeno(1,2,3-cd)pyrene	0.17 J	6.1	ND(0.43)	ND(0.36)	0.24 J	0.17 J	0.075 J
Isodrin	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
Isophorone	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
Isosafrole	ND(0.78)	ND(0.73)	ND(0.71)	ND(0.74)	ND(0.75)	ND(0.74)	ND(0.74)
Methapyrilene	ND(0.78)	ND(0.73)	ND(0.71)	ND(0.74)	ND(0.75)	ND(0.74)	ND(0.74)
Methyl Methanesulfonate	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
Naphthalene	ND(0.38)	22	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
Nitrobenzene	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
N-Nitrosodiethylamine	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
N-Nitrosodimethylamine	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
N-Nitroso-di-n-butylamine	ND(0.78)	ND(0.73)	ND(0.71)	ND(0.74)	ND(0.75)	ND(0.74)	ND(0.74)
N-Nitroso-di-n-propylamine	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
N-Nitrosodiphenylamine	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
N-Nitrosomethylethylamine	ND(0.78)	ND(0.73)	ND(0.71) J	ND(0.74)	ND(0.75)	ND(0.74)	ND(0.74)
N-Nitrosomorpholine	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
N-Nitrosopiperidine	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
N-Nitrosopyrrolidine	ND(0.78)	ND(0.73)	ND(0.71)	ND(0.74)	ND(0.75)	ND(0.74)	ND(0.74)
o,o,o-Tnethylphosphorothioate	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
o-Toluidine	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
p-Dimethylaminoazobenzene	ND(0.78)	ND(0.73)	ND(0.71)	ND(0.74)	ND(0.75)	ND(0.74)	ND(0.74)
Pentachlorobenzene	ND(0.38)	ND(0.36)	ND(0.43) J	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
Pentachloroethane	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
Pentachloronitrobenzene	ND(0.78) J	ND(0.73)	ND(0.71)	ND(0.74) J	ND(0.75) J	ND(0.74)	ND(0.74)
Pentachlorophenol	ND(2.0)	ND(1.8)	ND(2.1)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)
Phenacetin	ND(0.78)	ND(0.73)	ND(0.71)	ND(0.74)	ND(0.75)	ND(0.74)	ND(0.74)
Phenanthrene	0.34 J	58	ND(0.43)	ND(0.36)	0.16 J	0.31 J	ND(0.37)
Phenol	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
Pronamide	ND(0.38)	ND(0.36)	ND(0.43) J	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37) J
Pyrene	0.58	37	0.087 J	ND(0.36)	0.59	0.58	0.19 J
Pyridine	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
Safrole	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
Thionazin	ND(0.38)	ND(0.36)	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
Organochlorine Pesticides							
4,4'-DDD	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA	NA	NA
Alpha-BHC	NA	NA	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	NA	NA	NA	NA	NA	NA	NA
Endrin	NA	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA	NA	NA	NA
Endrin Ketone	NA	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	NA	NA	NA	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA	NA	NA
Kepone	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA	NA	NA	NA

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

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

Sample ID:	RAA12-P21	RAA12-Q5	RAA12-Q13	RAA12-Q21	RAA12-Q22	RAA12-R4	RAA12-R8
Sample Depth(Feet):	0-1	0-1	0-1	0-1	0-1	0-1	0-1
Parameter Date Collected:	08/07/02	12/17/02	12/05/02	08/07/02	08/07/02	12/16/02	12/10/02
Organophosphate Pesticides							
Dimethoate	NA	NA	NA	NA	NA	NA	NA
Disulfoton	NA	NA	NA	NA	NA	NA	NA
Ethyl Parathion	NA	NA	NA	NA	NA	NA	NA
Famphur	NA	NA	NA	NA	NA	NA	NA
Methyl Parathion	NA	NA	NA	NA	NA	NA	NA
Phorate	NA	NA	NA	NA	NA	NA	NA
Sulfotep	NA	NA	NA	NA	NA	NA	NA
Herbicides							
2,4,5-T	NA	NA	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA	NA	NA	NA
Dinoseb	NA	NA	NA	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF	0.000020 Y	0.0000036 J	ND(0.0000016)	0.0000042 Y	0.000013 Y	ND(0.0000018)	0.0000032 J
TCDFs (total)	0.00012	0.00012 Q	ND(0.0000016)	0.000021	0.000054	0.000021	0.000020
1,2,3,7,8-PeCDF	0.000013	ND(0.0000027) X	ND(0.00000082) X	0.0000020 J	0.0000085 J	0.00000067 J	0.0000012 J
2,3,4,7,8-PeCDF	0.000012	0.000048	ND(0.0000014)	0.0000023 J	0.000012 J	0.0000057 J	0.0000030 J
PeCDFs (total)	0.00013 Q	0.00048 Q	0.0000091	0.000020	0.000092	0.000073	0.000032
1,2,3,4,7,8-HxCDF	0.000019	0.000014 J	0.0000020 J	0.0000041 J	0.000016 J	ND(0.0000025)	0.0000020 J
1,2,3,6,7,8-HxCDF	0.000010	0.000013 J	ND(0.0000016)	0.0000025 J	0.000010 J	0.0000016 J	ND(0.0000020) X
1,2,3,7,8,9-HxCDF	0.0000033	ND(0.0000053)	ND(0.0000027)	0.00000064 J	ND(0.0000021) X	ND(0.0000025)	ND(0.0000014)
2,3,4,6,7,8-HxCDF	0.0000067	0.000031	0.0000010 J	0.0000018 J	ND(0.0000067) X	ND(0.0000029) X	0.0000043 J
HxCDFs (total)	0.000097	0.00037 Q	0.000012	0.000025	0.000086	0.000030	0.000049
1,2,3,4,6,7,8-HpCDF	0.000022	0.000023 J	ND(0.0000032)	0.000014	0.000021 J	0.0000018 J	0.0000057 J
1,2,3,4,7,8,9-HpCDF	0.0000038	0.0000058 J	0.00000080 J	0.0000015 J	0.0000049 J	ND(0.0000025)	0.00000074 J
HpCDFs (total)	0.000041	0.000062	0.0000040	0.000032	0.000040	0.0000036	0.000014
OCDF	0.000021	0.000020 J	0.0000038 J	0.000031	0.000022 J	ND(0.0000049)	0.0000029 J
Dioxins							
2,3,7,8-TCDD	ND(0.00000042)	ND(0.0000011)	ND(0.0000011)	0.0000071	ND(0.0000043)	ND(0.0000017)	ND(0.00000058)
TCDDs (total)	0.0000020	ND(0.0000011) Q	ND(0.0000035)	0.0000071	ND(0.0000043)	ND(0.0000017)	ND(0.0000012)
1,2,3,7,8-PeCDD	0.00000051 J	0.0000030 J	ND(0.0000027)	ND(0.00000052)	ND(0.0000028) J	ND(0.0000025)	ND(0.0000014)
PeCDDs (total)	0.0000054 Q	0.000021 Q	ND(0.0000048)	ND(0.00000087)	ND(0.0000048) J	ND(0.0000042)	ND(0.0000014)
1,2,3,4,7,8-HxCDD	0.00000059 J	0.0000025 J	ND(0.0000027)	ND(0.00000063)	ND(0.0000028)	ND(0.0000025)	ND(0.0000014)
1,2,3,6,7,8-HxCDD	0.0000010 J	0.0000060 J	ND(0.0000027)	0.0000012 J	ND(0.0000028)	ND(0.0000025)	0.00000070 J
1,2,3,7,8,9-HxCDD	0.00000086 J	ND(0.0000036)	ND(0.0000027)	ND(0.00000057)	ND(0.0000028)	ND(0.0000025)	ND(0.0000014)
HxCDDs (total)	0.0000089	0.000040 Q	ND(0.0000057)	0.0000072	0.0000045	ND(0.0000041)	0.0000023
1,2,3,4,6,7,8-HpCDD	0.0000096	0.000012 J	ND(0.0000046)	0.000022	0.000014 J	0.0000029 J	ND(0.0000036)
HpCDDs (total)	0.000019	0.000025	0.0000096	0.000039	0.000026	0.0000029	ND(0.0000067)
OCDD	0.000082	ND(0.000060)	ND(0.000030)	0.00016	0.000085	ND(0.000014)	ND(0.000014)
Total TEQs (WHO TEFs)	0.000014	0.000035	0.0000033	0.000011	0.000015	0.0000061	0.0000040
Inorganics							
Antimony	1.40 B	ND(6.00)	ND(6.00)	0.880 B	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic	11.0	6.10	4.20	6.00	3.60	5.70	5.80 J
Barium	84.0	22.0	14.0 B	54.0	49.0	17.0 B	28.0 J
Beryllium	0.410 B	0.260 B	0.200 B	0.280 B	0.220 B	0.200 B	ND(0.50)
Cadmium	0.980	0.260 B	0.170 B	0.640	0.450 B	0.380 B	0.440 B
Chromium	11.0	7.00	4.00	7.40	3.10	7.20	7.40
Cobalt	5.60	8.10	5.80	17.0	3.40 B	8.20	7.80
Copper	100	22.0	17.0	25.0	25.0	26.0	26.0
Cyanide	0.250	ND(0.110)	ND(0.110)	0.170	0.160	ND(0.110)	ND(0.110)
Lead	690	34.0	13.0	180	35.0	19.0	79.0 J
Mercury	ND(0.120)	0.0820 B	0.0610 B	0.450	ND(0.110)	0.0420 B	0.620 J
Nickel	11.0	15.0	9.20	12.0	4.90	13.0	13.0
Selenium	ND(1.00)	1.10	ND(1.00) J	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)
Silver	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide	22.0	ND(5.40)	17.0	14.0	27.0	20.0	130
Thallium	ND(1.70) J	ND(1.10)	ND(1.10)	ND(1.60) J	ND(1.70) J	ND(1.10) J	0.100 J
Tin	45.0	ND(10.0)	5.50 B	15.0	31.0	ND(10.0)	4.70 J
Vanadium	22.0	7.00	16.0	12.0	8.50	7.10	6.20
Zinc	150	46.0	39.0	72.0	49.0	40.0	92.0 J

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-R8 1-3 12/10/02	RAA12-R8 6-8 12/10/02	RAA12-R8 6-10 12/10/02	RAA12-R10 0-1 12/10/02	RAA12-R12 0-1 12/09/02	RAA12-R12 1-3 12/09/02	RAA12-R12 3-6 12/09/02
Volatile Organics							
1,1,1,2-Tetrachloroethane	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058)	ND(0.0057)	NA
1,1,1-Trichloroethane	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058)	ND(0.0057)	NA
1,1,2,2-Tetrachloroethane	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058)	ND(0.0057)	NA
1,1,2-Trichloroethane	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058)	ND(0.0057)	NA
1,1-Dichloroethane	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058)	ND(0.0057)	NA
1,1-Dichloroethene	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058)	ND(0.0057)	NA
1,2,3-Trichloropropane	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058)	ND(0.0057)	NA
1,2-Dibromo-3-chloropropane	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058)	ND(0.0057)	NA
1,2-Dibromoethane	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058)	ND(0.0057)	NA
1,2-Dichloroethane	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058)	ND(0.0057)	NA
1,2-Dichloropropane	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058)	ND(0.0057)	NA
1,4-Dioxane	ND(0.12) J	ND(0.12) J	NA	ND(0.11) J	ND(0.12)	ND(0.11) J	NA
2-Butanone	ND(0.012)	ND(0.012)	NA	ND(0.011)	ND(0.012)	ND(0.011)	NA
2-Chloro-1,3-butadiene	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058)	ND(0.0057)	NA
2-Chloroethylvinylether	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058)	ND(0.0057)	NA
2-Hexanone	ND(0.012)	ND(0.012)	NA	ND(0.011)	ND(0.012)	ND(0.011)	NA
3-Chloropropene	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058)	ND(0.0057)	NA
4-Methyl-2-pentanone	ND(0.012)	ND(0.012)	NA	ND(0.011)	ND(0.012)	ND(0.011)	NA
Acetone	ND(0.025)	ND(0.024)	NA	ND(0.022)	ND(0.023)	ND(0.023)	NA
Acetonitrile	ND(0.12)	ND(0.12)	NA	ND(0.11)	ND(0.12)	ND(0.11)	NA
Acrolein	ND(0.12) J	ND(0.12) J	NA	ND(0.11) J	ND(0.12) J	ND(0.11) J	NA
Acrylonitrile	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058) J	ND(0.0057)	NA
Benzene	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058)	ND(0.0057)	NA
Bromodichloromethane	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058)	ND(0.0057)	NA
Bromoform	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058)	ND(0.0057)	NA
Bromomethane	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058) J	ND(0.0057)	NA
Carbon Disulfide	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058)	ND(0.0057)	NA
Carbon Tetrachloride	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058)	ND(0.0057)	NA
Chlorobenzene	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058)	ND(0.0057)	NA
Chloroethane	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058)	ND(0.0057)	NA
Chloroform	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058)	ND(0.0057)	NA
Chloromethane	ND(0.0062) J	ND(0.0059) J	NA	ND(0.0056) J	ND(0.0058) J	ND(0.0057) J	NA
cis-1,3-Dichloropropene	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058)	ND(0.0057)	NA
Dibromochloromethane	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058)	ND(0.0057)	NA
Dibromomethane	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058)	ND(0.0057)	NA
Dichlorodifluoromethane	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058)	ND(0.0057)	NA
Ethyl Methacrylate	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058)	ND(0.0057)	NA
Ethylbenzene	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058)	ND(0.0057)	NA
Iodomethane	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058)	ND(0.0057)	NA
Isobutanol	ND(0.12)	ND(0.12)	NA	ND(0.11)	ND(0.12)	ND(0.11) J	NA
Methacrylonitrile	ND(0.0062) J	ND(0.0059) J	NA	ND(0.0056) J	ND(0.0058)	ND(0.0057) J	NA
Methyl Methacrylate	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058)	ND(0.0057) J	NA
Methylene Chloride	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058)	ND(0.0057)	NA
Propionitrile	ND(0.012)	ND(0.012)	NA	ND(0.011)	ND(0.012)	ND(0.011)	NA
Styrene	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058)	ND(0.0057)	NA
Tetrachloroethene	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058)	ND(0.0057)	NA
Toluene	ND(0.0062)	ND(0.0059)	NA	0.0066	ND(0.0058)	ND(0.0057)	NA
trans-1,2-Dichloroethene	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058)	ND(0.0057)	NA
trans-1,3-Dichloropropene	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058)	ND(0.0057)	NA
trans-1,4-Dichloro-2-butene	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058)	ND(0.0057)	NA
Trichloroethene	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058)	ND(0.0057)	NA
Trichlorofluoromethane	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058)	ND(0.0057)	NA
Vinyl Acetate	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058)	ND(0.0057)	NA
Vinyl Chloride	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058)	ND(0.0057)	NA
Xylenes (total)	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058)	ND(0.0057)	NA
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
1,2,4-Trichlorobenzene	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
1,2-Dichlorobenzene	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
1,2-Diphenylhydrazine	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
1,3,5-Trinitrobenzene	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
1,3-Dichlorobenzene	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
1,3-Dinitrobenzene	ND(0.84)	NA	ND(0.79)	ND(0.75)	ND(0.78)	ND(0.77)	NA
1,4-Dichlorobenzene	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
1,4-Naphthoquinone	ND(0.84)	NA	ND(0.79)	ND(0.75)	ND(0.78)	ND(0.77)	NA
1-Naphthylamine	ND(0.84)	NA	ND(0.79)	ND(0.75)	ND(0.78)	ND(0.77)	NA
2,3,4,6-Tetrachlorophenol	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA

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

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

Sample ID:	RAA12-R8	RAA12-R8	RAA12-R8	RAA12-R10	RAA12-R12	RAA12-R12	RAA12-R12
Sample Depth(Feet):	1-3	6-8	6-10	0-1	0-1	1-3	3-6
Parameter Date Collected:	12/10/02	12/10/02	12/10/02	12/10/02	12/09/02	12/09/02	12/09/02
Semivolatile Organics (continued)							
2,4,5-Trichlorophenol	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
2,4,6-Trichlorophenol	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
2,4-Dichlorophenol	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
2,4-Dimethylphenol	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
2,4-Dinitrophenol	ND(2.1) J	NA	ND(2.0) J	ND(1.9) J	ND(2.0) J	ND(2.0) J	NA
2,4-Dinitrotoluene	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
2,6-Dichlorophenol	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
2,6-Dinitrotoluene	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
2-Acetylaminofluorene	ND(0.84) J	NA	ND(0.79) J	ND(0.75) J	ND(0.78)	ND(0.77)	NA
2-Chloronaphthalene	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
2-Chlorophenol	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
2-Methylnaphthalene	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	0.11 J	NA
2-Methylphenol	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
2-Naphthylamine	ND(0.84)	NA	ND(0.79)	ND(0.75)	ND(0.78)	ND(0.77)	NA
2-Nitroaniline	ND(2.1)	NA	ND(2.0)	ND(1.9)	ND(2.0)	ND(2.0)	NA
2-Nitrophenol	ND(0.84)	NA	ND(0.79)	ND(0.75)	ND(0.78)	ND(0.77)	NA
2-Picoline	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
3&4-Methylphenol	ND(0.84)	NA	ND(0.79)	ND(0.75)	ND(0.78)	ND(0.77)	NA
3,3'-Dichlorobenzidine	ND(0.84)	NA	ND(0.79)	ND(0.75)	ND(0.78)	ND(0.77)	NA
3,3'-Dimethylbenzidine	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
3-Methylcholanthrene	ND(0.84)	NA	ND(0.79)	ND(0.75)	ND(0.78)	ND(0.77)	NA
3-Nitroaniline	ND(2.1)	NA	ND(2.0)	ND(1.9)	ND(2.0)	ND(2.0)	NA
4,6-Dinitro-2-methylphenol	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
4-Aminobiphenyl	ND(0.84)	NA	ND(0.79)	ND(0.75)	ND(0.78)	ND(0.77)	NA
4-Bromophenyl-phenylether	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
4-Chloro-3-Methylphenol	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
4-Chloroaniline	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
4-Chlorobenzilate	ND(0.84)	NA	ND(0.79)	ND(0.75)	ND(0.78)	ND(0.77)	NA
4-Chlorophenyl-phenylether	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
4-Nitroaniline	ND(2.1)	NA	ND(2.0)	ND(1.9)	ND(2.0)	ND(2.0)	NA
4-Nitrophenol	ND(2.1) J	NA	ND(2.0) J	ND(1.9) J	ND(2.0) J	ND(2.0) J	NA
4-Nitroquinoline-1-oxide	ND(0.84) J	NA	ND(0.79) J	ND(0.75) J	ND(0.78)	ND(0.77)	NA
4-Phenylenediamine	ND(0.84) J	NA	ND(0.79) J	ND(0.75) J	ND(0.78) J	ND(0.77) J	NA
5-Nitro-o-toluidine	ND(0.84)	NA	ND(0.79)	ND(0.75)	ND(0.78)	ND(0.77)	NA
7,12-Dimethylbenz(a)anthracene	ND(0.84)	NA	ND(0.79)	ND(0.75)	ND(0.78)	ND(0.77)	NA
a,a'-Dimethylphenethylamine	ND(0.84) J	NA	ND(0.79) J	ND(0.75) J	ND(0.78)	ND(0.77)	NA
Acenaphthene	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	0.25 J	NA
Acenaphthylene	4.1	NA	ND(0.39)	ND(0.37)	ND(0.39)	0.21 J	NA
Acetophenone	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
Aniline	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
Anthracene	1.1	NA	ND(0.39)	ND(0.37)	ND(0.39)	0.69	NA
Aramite	ND(0.84)	NA	ND(0.79)	ND(0.75)	ND(0.78)	ND(0.77)	NA
Benzidine	ND(0.84)	NA	ND(0.79)	ND(0.75)	ND(0.78) J	ND(0.77) J	NA
Benzo(a)anthracene	7.1	NA	ND(0.39)	ND(0.37)	ND(0.39)	1.8	NA
Benzo(a)pyrene	8.3	NA	ND(0.39)	ND(0.37)	0.10 J	1.4	NA
Benzo(b)fluoranthene	8.1	NA	ND(0.39)	ND(0.37)	0.10 J	1.6	NA
Benzo(g,h,i)perylene	6.8	NA	ND(0.39)	ND(0.37)	ND(0.39)	0.91	NA
Benzo(k)fluoranthene	3.4	NA	ND(0.39)	ND(0.37)	ND(0.39)	0.55	NA
Benzyl Alcohol	ND(0.84)	NA	ND(0.79)	ND(0.75)	ND(0.78)	ND(0.77)	NA
bis(2-Chloroethoxy)methane	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
bis(2-Chloroethyl)ether	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
bis(2-Chloroisopropyl)ether	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
bis(2-Ethylhexyl)phthalate	ND(0.41)	NA	ND(0.39)	ND(0.37)	ND(0.38)	ND(0.38)	NA
Butylbenzylphthalate	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
Chrysene	6.6	NA	ND(0.39)	ND(0.37)	ND(0.39)	1.3	NA
Diallate	ND(0.84)	NA	ND(0.79)	ND(0.75)	ND(0.78)	ND(0.77)	NA
Dibenzo(a,h)anthracene	1.9	NA	ND(0.39)	ND(0.37)	ND(0.39)	0.26 J	NA
Dibenzofuran	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
Diethylphthalate	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
Dimethylphthalate	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
Di-n-Butylphthalate	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
Di-n-Octylphthalate	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
Diphenylamine	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
Ethyl Methanesulfonate	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
Fluoranthene	5.8	NA	ND(0.39)	ND(0.37)	0.062 J	2.8	NA

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-R8 1-3 12/10/02	RAA12-R8 6-8 12/10/02	RAA12-R8 6-10 12/10/02	RAA12-R10 0-1 12/10/02	RAA12-R12 0-1 12/09/02	RAA12-R12 1-3 12/09/02	RAA12-R12 3-6 12/09/02
Semivolatile Organics (continued)							
Fluorene	0.78	NA	ND(0.39)	ND(0.37)	ND(0.39)	0.22 J	NA
Hexachlorobenzene	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
Hexachlorobutadiene	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
Hexachlorocyclopentadiene	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
Hexachloroethane	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
Hexachlorophene	ND(0.84) J	NA	ND(0.79) J	ND(0.75) J	ND(0.78) J	ND(0.77) J	NA
Hexachloropropene	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
Indeno(1,2,3-cd)pyrene	6.3	NA	ND(0.39)	ND(0.37)	ND(0.39)	0.87	NA
Isodrin	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
Isophorone	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
Isosafrole	ND(0.84)	NA	ND(0.79)	ND(0.75)	ND(0.78)	ND(0.77)	NA
Methapyrilene	ND(0.84)	NA	ND(0.79)	ND(0.75)	ND(0.78)	ND(0.77)	NA
Methyl Methanesulfonate	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
Naphthalene	0.81	NA	ND(0.39)	ND(0.37)	ND(0.39)	0.33 J	NA
Nitrobenzene	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
N-Nitrosodiethylamine	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
N-Nitrosodimethylamine	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
N-Nitroso-di-n-butylamine	ND(0.84)	NA	ND(0.79)	ND(0.75)	ND(0.78)	ND(0.77)	NA
N-Nitroso-di-n-propylamine	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
N-Nitrosodiphenylamine	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
N-Nitrosomethylethylamine	ND(0.84)	NA	ND(0.79)	ND(0.75)	ND(0.78) J	ND(0.77) J	NA
N-Nitrosomorpholine	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
N-Nitrosopiperidine	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
N-Nitrosopyrrolidine	ND(0.84)	NA	ND(0.79)	ND(0.75)	ND(0.78)	ND(0.77)	NA
o,o,o-Triethylphosphorothioate	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
o-Toluidine	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
p-Dimethylaminoazobenzene	ND(0.84)	NA	ND(0.79)	ND(0.75)	ND(0.78)	ND(0.77)	NA
Pentachlorobenzene	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39) J	ND(0.38) J	NA
Pentachloroethane	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
Pentachloronitrobenzene	ND(0.84)	NA	ND(0.79)	ND(0.75)	ND(0.78)	ND(0.77)	NA
Pentachlorophenol	ND(2.1)	NA	ND(2.0)	ND(1.9)	ND(2.0)	ND(2.0)	NA
Phenacetin	ND(0.84)	NA	ND(0.79)	ND(0.75)	ND(0.78)	ND(0.77)	NA
Phenanthrene	2.0	NA	ND(0.39)	ND(0.37)	ND(0.39)	2.3	NA
Phenol	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
Pronamide	ND(0.42) J	NA	ND(0.39) J	ND(0.37) J	ND(0.39) J	ND(0.38) J	NA
Pyrene	6.6	NA	ND(0.39)	ND(0.37)	0.10 J	2.8	NA
Pyridine	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
Safrole	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
Thionazin	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)	NA
Organochlorine Pesticides							
4,4'-DDD	NA	NA	NA	NA	NA	ND(0.016) [ND(0.016)]	NA
4,4'-DDE	NA	NA	NA	NA	NA	ND(0.016) [ND(0.016)]	NA
4,4'-DDT	NA	NA	NA	NA	NA	ND(0.016) [ND(0.016)]	NA
Aldrin	NA	NA	NA	NA	NA	ND(0.0080) [ND(0.0080)]	NA
Alpha-BHC	NA	NA	NA	NA	NA	ND(0.0080) [ND(0.0080)]	NA
Alpha-Chlordane	NA	NA	NA	NA	NA	ND(0.0080) [ND(0.0080)]	NA
Beta-BHC	NA	NA	NA	NA	NA	ND(0.0080) [ND(0.0080)]	NA
Delta-BHC	NA	NA	NA	NA	NA	ND(0.0080) [ND(0.0080)]	NA
Dieldrin	NA	NA	NA	NA	NA	ND(0.016) [ND(0.016)]	NA
Endosulfan I	NA	NA	NA	NA	NA	ND(0.016) [ND(0.016)]	NA
Endosulfan II	NA	NA	NA	NA	NA	ND(0.016) [ND(0.016)]	NA
Endosulfan Sulfate	NA	NA	NA	NA	NA	ND(0.016) [ND(0.016)]	NA
Endrin	NA	NA	NA	NA	NA	ND(0.016) [ND(0.016)]	NA
Endrin Aldehyde	NA	NA	NA	NA	NA	ND(0.016) [ND(0.016)]	NA
Endrin Ketone	NA	NA	NA	NA	NA	ND(0.016) [ND(0.016)]	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	ND(0.0080) [ND(0.0080)]	NA
Gamma-Chlordane	NA	NA	NA	NA	NA	ND(0.0080) [ND(0.0080)]	NA
Heptachlor	NA	NA	NA	NA	NA	ND(0.0080) [ND(0.0080)]	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA	ND(0.0080) [ND(0.0080)]	NA
Kepone	NA	NA	NA	NA	NA	ND(0.38) [ND(0.38)]	NA
Methoxychlor	NA	NA	NA	NA	NA	ND(0.080) [ND(0.080)]	NA
Technical Chlordane	NA	NA	NA	NA	NA	ND(0.096) [ND(0.094)]	NA
Toxaphene	NA	NA	NA	NA	NA	ND(0.18) [ND(0.18)]	NA

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-R8 1-3 12/10/02	RAA12-R8 6-8 12/10/02	RAA12-R8 6-10 12/10/02	RAA12-R10 0-1 12/10/02	RAA12-R12 0-1 12/09/02	RAA12-R12 1-3 12/09/02	RAA12-R12 3-6 12/09/02
Organophosphate Pesticides							
Dimethoate	NA	NA	NA	NA	NA	ND(2.0) [ND(1.9)]	NA
Disulfoton	NA	NA	NA	NA	NA	ND(0.77) [ND(0.76)]	NA
Ethyl Parathion	NA	NA	NA	NA	NA	ND(0.77) [ND(0.76)]	NA
Famphur	NA	NA	NA	NA	NA	ND(0.38) [ND(0.38)]	NA
Methyl Parathion	NA	NA	NA	NA	NA	ND(0.77) [ND(0.76)]	NA
Phorate	NA	NA	NA	NA	NA	ND(0.77) [ND(0.76)]	NA
Sulfotep	NA	NA	NA	NA	NA	ND(0.77) [ND(0.76)]	NA
Herbicides							
2,4,5-T	NA	NA	NA	NA	NA	ND(0.37) [ND(0.36)]	NA
2,4,5-TP	NA	NA	NA	NA	NA	ND(0.37) [ND(0.36)]	NA
2,4-D	NA	NA	NA	NA	NA	ND(0.80) [ND(0.80)]	NA
Dinoseb	NA	NA	NA	NA	NA	ND(0.38) [ND(0.38)]	NA
Furans							
2,3,7,8-TCDF	0.000038 Y	NA	ND(0.00000026)	0.0000012 J	0.0000089 Y	0.000031 Y	NA
TCDFs (total)	0.00036	NA	ND(0.00000026)	0.0000099	0.00011	0.00032 Q	NA
1,2,3,7,8-PeCDF	0.000013 J	NA	ND(0.00000054)	0.00000071 J	0.000028	0.000032	NA
2,3,4,7,8-PeCDF	0.000017 JQ	NA	ND(0.00000054)	0.0000018 J	0.000035	0.00011	NA
PeCDFs (total)	0.00025 Q	NA	ND(0.00000054)	0.000020 Q	0.00038	0.00076 Q	NA
1,2,3,4,7,8-HxCDF	0.000016 J	NA	ND(0.00000054)	0.0000024 J	0.000070	0.00038	NA
1,2,3,6,7,8-HxCDF	0.000011 J	NA	ND(0.00000054)	0.0000010 J	0.000059	0.00019	NA
1,2,3,7,8,9-HxCDF	0.0000031 J	NA	ND(0.00000054)	0.00000048 J	0.0000044 J	0.000068	NA
2,3,4,6,7,8-HxCDF	0.000019 J	NA	ND(0.00000054)	0.0000021 J	0.000012 J	0.00012	NA
HxCDFs (total)	0.00021	NA	ND(0.00000054)	0.000026	0.00036	0.0015	NA
1,2,3,4,6,7,8-HpCDF	0.000030	NA	0.00000021 J	0.0000034 J	0.000037	0.00021	NA
1,2,3,4,7,8,9-HpCDF	0.0000035 J	NA	ND(0.00000054)	0.0000013 J	0.0000053 J	0.00013	NA
HpCDFs (total)	0.000061	NA	0.00000021	0.0000092	0.000059	0.00051	NA
OCDF	0.000019 J	NA	ND(0.0000011)	0.0000049 J	0.000017 J	0.00018	NA
Dioxins							
2,3,7,8-TCDD	ND(0.0000014)	NA	ND(0.00000024)	ND(0.00000020)	ND(0.00000093)	ND(0.0000011)	NA
TCDDs (total)	0.0000027	NA	ND(0.00000062)	ND(0.00000036)	ND(0.0000031)	0.0000011	NA
1,2,3,7,8-PeCDD	0.0000017 J	NA	ND(0.00000054)	ND(0.00000051)	ND(0.00000080)	ND(0.0000024)	NA
PeCDDs (total)	0.000012 Q	NA	ND(0.00000091)	0.00000013 Q	ND(0.0000048)	0.0000032 Q	NA
1,2,3,4,7,8-HxCDD	0.0000018 J	NA	ND(0.00000054)	ND(0.00000051)	ND(0.0000023)	0.0000017 J	NA
1,2,3,6,7,8-HxCDD	0.0000016 J	NA	ND(0.00000054)	ND(0.00000051)	ND(0.0000023)	0.0000033 J	NA
1,2,3,7,8,9-HxCDD	ND(0.0000012) X	NA	ND(0.00000054)	ND(0.00000051)	ND(0.0000023)	ND(0.0000024)	NA
HxCDDs (total)	0.000018	NA	ND(0.0000010)	0.00000097	0.0000018	0.000022	NA
1,2,3,4,6,7,8-HpCDD	0.000011 J	NA	ND(0.00000047) X	ND(0.0000013)	ND(0.000016)	0.000022 J	NA
HpCDDs (total)	0.000011	NA	ND(0.00000019)	ND(0.0000026)	0.000033	0.000048	NA
OCDD	ND(0.000047)	NA	ND(0.0000019)	ND(0.0000088)	0.00016	0.00012	NA
Total TEQs (WHO TEFs)	0.000021	NA	0.00000075	0.0000021	0.000036	0.00014	NA
Inorganics							
Antimony	3.40 B	NA	ND(6.00)	ND(6.00)	ND(6.00)	2.30 B	1.30 B
Arsenic	7.60 J	NA	3.40 J	3.10 J	1.90	7.10	22.0
Barium	99.0 J	NA	16.0 J	56.0 J	47.0	61.0	190
Beryllium	ND(0.50)	NA	ND(0.50)	ND(0.50)	0.140 B	0.260 B	0.230 B
Cadmium	0.640	NA	0.370 B	0.370 B	0.440 B	0.820	0.540
Chromium	7.70	NA	5.20	6.00	7.90	9.10	9.10
Cobalt	5.20	NA	8.00	6.80	4.40 B	6.70	5.00 B
Copper	53.0	NA	14.0	9.00	15.0	65.0	98.0
Cyanide	0.290	NA	ND(0.120)	ND(0.220)	ND(0.120)	ND(0.230)	1.00
Lead	680 J	NA	5.90 J	6.20 J	31.0	190	890
Mercury	0.520 J	NA	ND(0.120) J	0.0660 J	0.0630 B	0.700	1.10
Nickel	10.0	NA	13.0	10.0	8.20	17.0	12.0
Selenium	ND(1.00)	NA	ND(1.00)	ND(1.00)	ND(1.00) J	ND(1.00) J	ND(1.00) J
Silver	ND(1.00)	NA	ND(1.00)	ND(1.00)	ND(1.00)	0.400 B	ND(1.00)
Sulfide	36.0	NA	29.0	100	23.0	18.0	150
Thallium	ND(1.20) J	NA	0.200 J	ND(1.10) J	ND(1.20)	ND(1.10)	ND(1.20)
Tin	62.0 J	NA	ND(10.0) J	ND(10.0) J	ND(10.0)	22.0	ND(11.0)
Vanadium	8.90	NA	5.60	8.10	6.20	12.0	9.50
Zinc	170 J	NA	38.0 J	29.0 J	44.0	250	270

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

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

Sample ID:	RAA12-R12	RAA12-R12	RAA12-R12	RAA12-R12	RAA12-R13	RAA12-R16	RAA12-R16
Sample Depth(Feet):	6-8	6-10	10-15	12-13	0-1	3-6	10-15
Parameter Date Collected:	12/09/02	12/09/02	12/09/02	12/09/02	12/09/02	08/08/02	08/08/02
Volatile Organics							
1,1,1,2-Tetrachloroethane	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA	NA
1,1,1-Trichloroethane	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA	NA
1,1,2,2-Tetrachloroethane	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA	NA
1,1,2-Trichloroethane	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA	NA
1,1-Dichloroethane	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA	NA
1,1-Dichloroethene	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA	NA
1,2,3-Trichloropropane	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA	NA
1,2-Dibromo-3-chloropropane	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA	NA
1,2-Dibromoethane	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA	NA
1,2-Dichloroethane	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA	NA
1,2-Dichloropropane	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA	NA
1,4-Dioxane	ND(0.14) J	NA	NA	ND(0.12) J	ND(0.11) J	NA	NA
2-Butanone	ND(0.014)	NA	NA	ND(0.012)	ND(0.011)	NA	NA
2-Chloro-1,3-butadiene	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA	NA
2-Chloroethylvinylether	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA	NA
2-Hexanone	ND(0.014)	NA	NA	ND(0.012)	ND(0.011)	NA	NA
3-Chloropropene	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA	NA
4-Methyl-2-pentanone	ND(0.014)	NA	NA	ND(0.012)	ND(0.011)	NA	NA
Acetone	0.033	NA	NA	ND(0.025)	ND(0.021)	NA	NA
Acetonitrile	ND(0.14)	NA	NA	ND(0.12)	ND(0.11)	NA	NA
Acrolein	ND(0.14) J	NA	NA	ND(0.12) J	ND(0.11) J	NA	NA
Acrylonitrile	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA	NA
Benzene	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA	NA
Bromodichloromethane	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA	NA
Bromoform	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA	NA
Bromomethane	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA	NA
Carbon Disulfide	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA	NA
Carbon Tetrachloride	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA	NA
Chlorobenzene	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA	NA
Chloroethane	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA	NA
Chloroform	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA	NA
Chloromethane	ND(0.0069) J	NA	NA	ND(0.0063) J	ND(0.0053) J	NA	NA
cis-1,3-Dichloropropene	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA	NA
Dibromochloromethane	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA	NA
Dibromomethane	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA	NA
Dichlorodifluoromethane	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA	NA
Ethyl Methacrylate	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA	NA
Ethylbenzene	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA	NA
Iodomethane	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA	NA
Isobutanol	ND(0.14) J	NA	NA	ND(0.12) J	ND(0.11) J	NA	NA
Methacrylonitrile	ND(0.0069) J	NA	NA	ND(0.0063) J	ND(0.0053) J	NA	NA
Methyl Methacrylate	ND(0.0069) J	NA	NA	ND(0.0063) J	ND(0.0053) J	NA	NA
Methylene Chloride	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA	NA
Propionitrile	ND(0.014)	NA	NA	ND(0.012)	ND(0.011)	NA	NA
Styrene	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA	NA
Tetrachloroethene	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA	NA
Toluene	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA	NA
trans-1,2-Dichloroethene	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA	NA
trans-1,3-Dichloropropene	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA	NA
trans-1,4-Dichloro-2-butene	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA	NA
Trichloroethene	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA	NA
Trichlorofluoromethane	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA	NA
Vinyl Acetate	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA	NA
Vinyl Chloride	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA	NA
Xylenes (total)	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA	NA
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
1,2,4-Trichlorobenzene	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
1,2-Dichlorobenzene	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
1,2-Diphenylhydrazine	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
1,3,5-Trinitrobenzene	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
1,3-Dichlorobenzene	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
1,3-Dinitrobenzene	NA	ND(0.93)	ND(0.84)	NA	ND(0.71)	ND(0.82)	ND(0.82) [ND(0.77) J]
1,4-Dichlorobenzene	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
1,4-Naphthoquinone	NA	ND(0.93)	ND(0.84)	NA	ND(0.71)	ND(0.82)	ND(0.82) [ND(0.77)]
1-Naphthylamine	NA	ND(0.93)	ND(0.84)	NA	ND(0.71)	ND(0.82)	ND(0.82) [ND(0.77)]
2,3,4,6-Tetrachlorophenol	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-R12 6-8 12/09/02	RAA12-R12 6-10 12/09/02	RAA12-R12 10-15 12/09/02	RAA12-R12 12-13 12/09/02	RAA12-R13 0-1 12/09/02	RAA12-R16 3-6 08/08/02	RAA12-R16 10-15 08/08/02
Semivolatile Organics (continued)							
2,4,5-Trichlorophenol	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
2,4,6-Trichlorophenol	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38) J]
2,4-Dichlorophenol	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
2,4-Dimethylphenol	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
2,4-Dinitrophenol	NA	ND(2.4) J	ND(2.1) J	NA	ND(1.8) J	ND(2.1)	ND(2.1) [ND(1.9)]
2,4-Dinitrotoluene	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
2,6-Dichlorophenol	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
2,6-Dinitrotoluene	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
2-Acetylaminofluorene	NA	ND(0.93)	ND(0.84)	NA	ND(0.71)	ND(0.82)	ND(0.82) [ND(0.77)]
2-Chloronaphthalene	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
2-Chlorophenol	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
2-Methylnaphthalene	NA	0.096 J	ND(0.42)	NA	ND(0.35)	0.090 J	ND(0.40) [ND(0.38)]
2-Methylphenol	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
2-Naphthylamine	NA	ND(0.93)	ND(0.84)	NA	ND(0.71)	ND(0.82)	ND(0.82) [ND(0.77)]
2-Nitroaniline	NA	ND(2.4)	ND(2.1)	NA	ND(1.8)	ND(2.1)	ND(2.1) [ND(1.9)]
2-Nitrophenol	NA	ND(0.93)	ND(0.84)	NA	ND(0.71)	ND(0.82)	ND(0.82) [ND(0.77)]
2-Picoline	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
3&4-Methylphenol	NA	ND(0.93)	ND(0.84)	NA	ND(0.71)	ND(0.82)	ND(0.82) [ND(0.77)]
3,3'-Dichlorobenzidine	NA	ND(0.93)	ND(0.84)	NA	ND(0.71)	ND(0.82)	ND(0.82) [ND(0.77)]
3,3'-Dimethylbenzidine	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
3-Methylcholanthrene	NA	ND(0.93)	ND(0.84)	NA	ND(0.71)	ND(0.82)	ND(0.82) [ND(0.77)]
3-Nitroaniline	NA	ND(2.4)	ND(2.1)	NA	ND(1.8)	ND(2.1)	ND(2.1) [ND(1.9)]
4,6-Dinitro-2-methylphenol	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
4-Aminobiphenyl	NA	ND(0.93)	ND(0.84)	NA	ND(0.71)	ND(0.82) J	ND(0.82) J [ND(0.77) J]
4-Bromophenyl-phenylether	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
4-Chloro-3-Methylphenol	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
4-Chloroaniline	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
4-Chlorobenzilate	NA	ND(0.93)	ND(0.84)	NA	ND(0.71)	ND(0.82)	ND(0.82) [ND(0.77)]
4-Chlorophenyl-phenylether	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
4-Nitroaniline	NA	ND(2.4)	ND(2.1)	NA	ND(1.8)	ND(2.1) J	ND(2.1) J [ND(1.9)]
4-Nitrophenol	NA	ND(2.4) J	ND(2.1) J	NA	ND(1.8) J	ND(2.1)	ND(2.1) [ND(1.9)]
4-Nitroquinoline-1-oxide	NA	ND(0.93)	ND(0.84)	NA	ND(0.71)	ND(0.82) J	ND(0.82) J [ND(0.77) J]
4-Phenylenediamine	NA	ND(0.93) J	ND(0.84) J	NA	ND(0.71) J	ND(0.82) J	ND(0.82) J [ND(0.77) J]
5-Nitro-o-toluidine	NA	ND(0.93)	ND(0.84)	NA	ND(0.71)	ND(0.82)	ND(0.82) [ND(0.77)]
7,12-Dimethylbenz(a)anthracene	NA	ND(0.93)	ND(0.84)	NA	ND(0.71)	ND(0.82)	ND(0.82) [ND(0.77)]
a,a'-Dimethylphenethylamine	NA	ND(0.93)	ND(0.84)	NA	ND(0.71)	ND(0.82)	ND(0.82) [ND(0.77)]
Acenaphthene	NA	0.97	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
Acenaphthylene	NA	0.33 J	ND(0.42)	NA	ND(0.35)	0.37 J	ND(0.40) [ND(0.38)]
Acetophenone	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
Aniline	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	0.30 J	ND(0.40) [ND(0.38)]
Anthracene	NA	0.32 J	ND(0.42)	NA	ND(0.35)	0.21 J	ND(0.40) [ND(0.38)]
Aramite	NA	ND(0.93)	ND(0.84)	NA	ND(0.71)	ND(0.82) J	ND(0.82) J [ND(0.77)]
Benzidine	NA	ND(0.93) J	ND(0.84) J	NA	ND(0.71) J	ND(0.82)	ND(0.82) [ND(0.77) J]
Benzo(a)anthracene	NA	0.74	ND(0.42)	NA	ND(0.35)	1.4	ND(0.40) [ND(0.38)]
Benzo(a)pyrene	NA	1.1	ND(0.42)	NA	ND(0.35)	2.0	ND(0.40) [ND(0.38)]
Benzo(b)fluoranthene	NA	0.90	ND(0.42)	NA	ND(0.35)	1.3	ND(0.40) [ND(0.38)]
Benzo(g,h,i)perylene	NA	0.73	ND(0.42)	NA	ND(0.35)	1.4	ND(0.40) [ND(0.38)]
Benzo(k)fluoranthene	NA	0.38 J	ND(0.42)	NA	ND(0.35)	1.5	ND(0.40) [ND(0.38)]
Benzyl Alcohol	NA	ND(0.93)	ND(0.84)	NA	ND(0.71)	ND(0.82)	ND(0.82) [ND(0.77)]
bis(2-Chloroethoxy)methane	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
bis(2-Chloroethyl)ether	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
bis(2-Chloroisopropyl)ether	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
bis(2-Ethylhexyl)phthalate	NA	ND(0.46)	ND(0.41)	NA	ND(0.35)	ND(0.40)	0.33 J [ND(0.38)]
Butylbenzylphthalate	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
Chrysene	NA	0.60	ND(0.42)	NA	ND(0.35)	1.6	ND(0.40) [ND(0.38)]
Diallate	NA	ND(0.93)	ND(0.84)	NA	ND(0.71)	ND(0.82)	ND(0.82) [ND(0.77)]
Dibenzo(a,h)anthracene	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
Dibenzofuran	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
Diethylphthalate	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
Dimethylphthalate	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
Di-n-Butylphthalate	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
Di-n-Octylphthalate	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
Diphenylamine	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
Ethyl Methanesulfonate	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
Fluoranthene	NA	1.0	ND(0.42)	NA	ND(0.35)	0.90	ND(0.40) [ND(0.38)]

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-R12 6-8 12/09/02	RAA12-R12 6-10 12/09/02	RAA12-R12 10-15 12/09/02	RAA12-R12 12-13 12/09/02	RAA12-R13 0-1 12/09/02	RAA12-R16 3-6 08/08/02	RAA12-R16 10-15 08/08/02
Semivolatile Organics (continued)							
Fluorene	NA	0.11 J	ND(0.42)	NA	0.12 J	0.086 J	ND(0.40) [ND(0.38)]
Hexachlorobenzene	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
Hexachlorobutadiene	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
Hexachlorocyclopentadiene	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
Hexachloroethane	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
Hexachlorophene	NA	ND(0.93) J	ND(0.84) J	NA	ND(0.71) J	ND(0.82)	ND(0.82) [ND(0.77)]
Hexachloropropene	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
Indeno(1,2,3-cd)pyrene	NA	0.63	ND(0.42)	NA	ND(0.35)	1.0	ND(0.40) [ND(0.38)]
Isodrin	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
Isophorone	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
Isosafrole	NA	ND(0.93)	ND(0.84)	NA	ND(0.71)	ND(0.82)	ND(0.82) [ND(0.77)]
Methapyrilene	NA	ND(0.93)	ND(0.84)	NA	ND(0.71)	ND(0.82)	ND(0.82) [ND(0.77)]
Methyl Methanesulfonate	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
Naphthalene	NA	0.18 J	ND(0.42)	NA	ND(0.35)	0.17 J	ND(0.40) [ND(0.38)]
Nitrobenzene	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
N-Nitrosodiethylamine	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
N-Nitrosodimethylamine	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
N-Nitroso-di-n-butylamine	NA	ND(0.93)	ND(0.84)	NA	ND(0.71)	ND(0.82)	ND(0.82) [ND(0.77)]
N-Nitroso-di-n-propylamine	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
N-Nitrosodiphenylamine	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
N-Nitrosomethylethylamine	NA	ND(0.93) J	ND(0.84) J	NA	ND(0.71) J	ND(0.82)	ND(0.82) [ND(0.77)]
N-Nitrosomorpholine	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
N-Nitrosopiperidine	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
N-Nitrosopyrrolidine	NA	ND(0.93)	ND(0.84)	NA	ND(0.71)	ND(0.82)	ND(0.82) [ND(0.77)]
o,o,o-Triethylphosphorothioate	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
o-Toluidine	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
p-Dimethylaminoazobenzene	NA	ND(0.93)	ND(0.84)	NA	ND(0.71)	ND(0.82) J	ND(0.82) J [ND(0.77)]
Pentachlorobenzene	NA	ND(0.46) J	ND(0.42) J	NA	ND(0.35) J	ND(0.41)	ND(0.40) [ND(0.38)]
Pentachloroethane	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
Pentachloronitrobenzene	NA	ND(0.93)	ND(0.84)	NA	ND(0.71)	ND(0.82) J	ND(0.82) J [ND(0.77)]
Pentachlorophenol	NA	ND(2.4)	ND(2.1)	NA	ND(1.8)	ND(2.1)	ND(2.1) [ND(1.9)]
Phenacetin	NA	ND(0.93)	ND(0.84)	NA	ND(0.71)	ND(0.82)	ND(0.82) [ND(0.77)]
Phenanthrene	NA	0.47	ND(0.42)	NA	0.082 J	0.34 J	ND(0.40) [ND(0.38)]
Phenol	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
Pronamide	NA	ND(0.46) J	ND(0.42) J	NA	ND(0.35) J	ND(0.41)	ND(0.40) [ND(0.38)]
Pyrene	NA	1.3	ND(0.42)	NA	ND(0.35)	4.0	ND(0.40) [ND(0.38)]
Pyridine	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
Safrole	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
Thionazin	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)	ND(0.40) [ND(0.38)]
Organochlorine Pesticides							
4,4'-DDD	NA	NA	ND(0.016)	NA	ND(0.016)	NA	ND(0.016) [ND(0.016)]
4,4'-DDE	NA	NA	ND(0.016)	NA	ND(0.016)	NA	ND(0.016) [ND(0.016)]
4,4'-DDT	NA	NA	ND(0.016)	NA	ND(0.016)	NA	ND(0.016) [ND(0.016)]
Aldrin	NA	NA	ND(0.0080)	NA	ND(0.0080)	NA	ND(0.0080) [ND(0.0080)]
Alpha-BHC	NA	NA	ND(0.0080)	NA	ND(0.0080)	NA	ND(0.0080) [ND(0.0080)]
Alpha-Chlordane	NA	NA	ND(0.0080)	NA	ND(0.0080)	NA	ND(0.0080) [ND(0.0080)]
Beta-BHC	NA	NA	ND(0.0080)	NA	ND(0.0080)	NA	ND(0.0080) [ND(0.0080)]
Delta-BHC	NA	NA	ND(0.0080)	NA	ND(0.0080)	NA	ND(0.0080) [ND(0.0080)]
Dieldrin	NA	NA	ND(0.016)	NA	ND(0.016)	NA	ND(0.016) [ND(0.016)]
Endosulfan I	NA	NA	ND(0.016)	NA	ND(0.016)	NA	R [R]
Endosulfan II	NA	NA	ND(0.016)	NA	ND(0.016)	NA	ND(0.016) [ND(0.016)]
Endosulfan Sulfate	NA	NA	ND(0.016)	NA	ND(0.016)	NA	ND(0.016) [ND(0.016)]
Endrin	NA	NA	ND(0.016)	NA	ND(0.016)	NA	ND(0.016) [ND(0.016)]
Endrin Aldehyde	NA	NA	ND(0.016)	NA	ND(0.016)	NA	ND(0.016) [ND(0.016)]
Endrin Ketone	NA	NA	ND(0.016)	NA	ND(0.016)	NA	ND(0.016) [ND(0.016)]
Gamma-BHC (Lindane)	NA	NA	ND(0.0080)	NA	ND(0.0080)	NA	ND(0.0080) [ND(0.0080)]
Gamma-Chlordane	NA	NA	ND(0.0080)	NA	ND(0.0080)	NA	ND(0.0080) [ND(0.0080)]
Heptachlor	NA	NA	ND(0.0080)	NA	ND(0.0080)	NA	ND(0.0080) [ND(0.0080)]
Heptachlor Epoxide	NA	NA	ND(0.0080)	NA	ND(0.0080)	NA	ND(0.0080) [ND(0.0080)]
Kepone	NA	NA	ND(0.42)	NA	ND(0.35)	NA	ND(0.40) [ND(0.38)]
Methoxychlor	NA	NA	ND(0.080)	NA	ND(0.080)	NA	ND(0.080) [ND(0.080)]
Technical Chlordane	NA	NA	ND(0.10)	NA	ND(0.089)	NA	ND(0.10) [ND(0.095)]
Toxaphene	NA	NA	ND(0.20)	NA	ND(0.17)	NA	ND(0.20) [ND(0.18)]

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-R12 6-8 12/09/02	RAA12-R12 6-10 12/09/02	RAA12-R12 10-15 12/09/02	RAA12-R12 12-13 12/09/02	RAA12-R13 0-1 12/09/02	RAA12-R16 3-6 08/08/02	RAA12-R16 10-15 08/08/02
Organophosphate Pesticides							
Dimethoate	NA	NA	ND(2.1)	NA	ND(1.8)	NA	ND(2.1) [ND(1.9)]
Disulfoton	NA	NA	ND(0.84)	NA	ND(0.71)	NA	ND(0.82) [ND(0.77)]
Ethyl Parathion	NA	NA	ND(0.84)	NA	ND(0.71)	NA	ND(0.82) [ND(0.77)]
Famphur	NA	NA	ND(0.42)	NA	ND(0.35)	NA	ND(0.40) [ND(0.38)]
Methyl Parathion	NA	NA	ND(0.84)	NA	ND(0.71)	NA	ND(0.82) [ND(0.77)]
Phorate	NA	NA	ND(0.84)	NA	ND(0.71)	NA	ND(0.82) [ND(0.77)]
Sulfotep	NA	NA	ND(0.84)	NA	ND(0.71)	NA	ND(0.82) [ND(0.77)]
Herbicides							
2,4,5-T	NA	NA	ND(0.40)	NA	ND(0.34)	NA	ND(0.39) [ND(0.37)]
2,4,5-TP	NA	NA	ND(0.40)	NA	ND(0.34)	NA	ND(0.39) [ND(0.37)]
2,4-D	NA	NA	ND(0.80)	NA	ND(0.80)	NA	ND(0.80) [ND(0.80)]
Dinoseb	NA	NA	ND(0.42)	NA	ND(0.35)	NA	ND(0.40) [ND(0.38)]
Furans							
2,3,7,8-TCDF	NA	0.000012 J	ND(0.00000069)	NA	0.00000074 J	0.000068 Y	ND(0.00000024)
TCDFs (total)	NA	0.00010 Q	ND(0.00000066)	NA	0.0000012	0.00033	ND(0.00000024)
1,2,3,7,8-PeCDF	NA	0.0000062 J	ND(0.0000017)	NA	0.00000056 J	0.000036	ND(0.00000030)
2,3,4,7,8-PeCDF	NA	0.000011 J	ND(0.00000036)	NA	ND(0.00000063)	0.000025 Q	ND(0.00000030)
PeCDFs (total)	NA	0.000097 Q	ND(0.0000016)	NA	0.0000020	0.00029 Q	ND(0.00000030)
1,2,3,4,7,8-HxCDF	NA	0.000021 J	ND(0.00000042)	NA	ND(0.0000010)	0.000087	ND(0.00000030)
1,2,3,6,7,8-HxCDF	NA	0.000011 J	ND(0.00000049)	NA	ND(0.00000064)	0.000039	ND(0.00000030)
1,2,3,7,8,9-HxCDF	NA	0.0000043 J	ND(0.0000017)	NA	ND(0.0000020)	0.000014	ND(0.00000033)
2,3,4,6,7,8-HxCDF	NA	0.0000082 J	ND(0.0000017)	NA	0.00000045 J	0.000015	ND(0.00000030)
HxCDFs (total)	NA	0.00010	ND(0.0000016)	NA	0.0000023	0.00031 Q	ND(0.00000030)
1,2,3,4,6,7,8-HpCDF	NA	0.000017 J	0.00000058 J	NA	0.0000013 J	0.000067 Q	0.00000021 J
1,2,3,4,7,8,9-HpCDF	NA	0.0000071 J	ND(0.0000017)	NA	ND(0.0000020)	0.000041	ND(0.00000030)
HpCDFs (total)	NA	0.000038	0.00000058	NA	ND(0.0000013)	0.00016 Q	0.00000021
OCDF	NA	0.000014 J	ND(0.0000033)	NA	0.0000018 J	0.00011	0.0000010 J
Dioxins							
2,3,7,8-TCDD	NA	ND(0.0000014)	ND(0.00000066)	NA	ND(0.00000069)	0.00000050 J	ND(0.00000040)
TCDDs (total)	NA	0.0000015	ND(0.0000023)	NA	ND(0.0000025)	0.0000066	ND(0.00000040)
1,2,3,7,8-PeCDD	NA	ND(0.0000034)	ND(0.0000017)	NA	ND(0.0000020)	0.0000012 J	ND(0.00000030)
PeCDDs (total)	NA	ND(0.0000075)	ND(0.0000026)	NA	ND(0.0000033)	0.000010 Q	ND(0.00000048)
1,2,3,4,7,8-HxCDD	NA	ND(0.0000034)	ND(0.0000017)	NA	ND(0.0000020)	0.0000013 J	ND(0.00000031)
1,2,3,6,7,8-HxCDD	NA	0.0000022 J	ND(0.0000017)	NA	ND(0.0000020)	0.0000020 J	ND(0.00000030)
1,2,3,7,8,9-HxCDD	NA	ND(0.0000034)	ND(0.0000017)	NA	ND(0.0000020)	ND(0.0000016) X	ND(0.00000030)
HxCDDs (total)	NA	0.000015	ND(0.0000033)	NA	ND(0.0000037)	0.000024 Q	ND(0.00000030)
1,2,3,4,6,7,8-HpCDD	NA	ND(0.0000062)	ND(0.0000012)	NA	ND(0.0000051)	0.000011	0.00000034 J
HpCDDs (total)	NA	ND(0.000012)	ND(0.0000012)	NA	0.0000091	0.000020	0.00000034
OCDD	NA	ND(0.000024)	ND(0.0000051)	NA	ND(0.000032)	0.000046	0.0000027 J
Total TEQs (WHO TEFs)	NA	0.000015	0.0000018	NA	0.0000022	0.000040	0.00000056
Inorganics							
Antimony	NA	ND(6.00)	ND(6.00)	NA	ND(6.00)	2.60 J	ND(6.00) J
Arsenic	NA	16.0	1.30	NA	2.80	4.70	1.10 J
Barium	NA	190	14.0 B	NA	25.0	48.0 J	8.20 J
Beryllium	NA	0.410 B	0.230 B	NA	0.120 B	0.280 B	0.150 B
Cadmium	NA	0.460 B	ND(0.500)	NA	ND(0.500)	1.50	0.260 B
Chromium	NA	23.0	6.40	NA	4.30	20.0 J	19.0 J
Cobalt	NA	8.90	5.20	NA	5.20	6.20	5.00 B
Copper	NA	89.0	7.50	NA	14.0	160 J	9.80 J
Cyanide	NA	0.130 B	ND(0.120)	NA	ND(0.210)	0.450	ND(0.120)
Lead	NA	520	4.40	NA	3.90	310	5.00
Mercury	NA	0.750	ND(0.120)	NA	ND(0.110)	0.560 J	ND(0.120) J
Nickel	NA	22.0	8.90	NA	7.30	13.0 J	8.90 J
Selenium	NA	ND(1.00) J	ND(1.00) J	NA	ND(1.00) J	ND(1.00)	ND(1.00)
Silver	NA	ND(1.00)	ND(1.00)	NA	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide	NA	200	41.0	NA	12.0	78.0 J	31.0 J
Thallium	NA	ND(1.40)	ND(1.20)	NA	ND(1.10)	ND(1.80)	ND(1.80)
Tin	NA	ND(10.0)	ND(10.0)	NA	ND(10.0)	100 J	4.90 J
Vanadium	NA	12.0	5.10	NA	11.0	7.90	4.50 B
Zinc	NA	260	30.0	NA	22.0	230 J	30.0 J

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-R16 12-14 08/08/02	RAA12-R17 0-1 08/06/02	RAA12-R18 0-1 08/06/02	RAA12-R18 1-3 08/06/02	RAA12-R18 6-10 08/06/02	RAA12-R18 8-10 08/06/02	RAA12-R19 0-1 08/07/02
Volatile Organics							
1,1,1,2-Tetrachloroethane	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)	NA	ND(0.0061)	ND(0.0054)
1,1,1-Trichloroethane	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)	NA	ND(0.0061)	ND(0.0054)
1,1,2,2-Tetrachloroethane	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)	NA	ND(0.0061)	ND(0.0054)
1,1,2-Trichloroethane	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)	NA	ND(0.0061)	ND(0.0054)
1,1-Dichloroethane	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)	NA	ND(0.0061)	ND(0.0054)
1,1-Dichloroethene	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)	NA	ND(0.0061)	ND(0.0054)
1,2,3-Trichloropropane	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)	NA	ND(0.0061)	ND(0.0054)
1,2-Dibromo-3-chloropropane	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)	NA	ND(0.0061)	ND(0.0054)
1,2-Dibromoethane	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)	NA	ND(0.0061)	ND(0.0054)
1,2-Dichloroethane	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)	NA	ND(0.0061)	ND(0.0054)
1,2-Dichloropropane	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)	NA	ND(0.0061)	ND(0.0054)
1,4-Dioxane	ND(0.12) J	ND(0.10) J	ND(0.10) J	ND(0.13) J	NA	ND(0.12) J	ND(0.11) J
2-Butanone	ND(0.012)	ND(0.010)	ND(0.010)	ND(0.013)	NA	ND(0.012)	ND(0.011)
2-Chloro-1,3-butadiene	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)	NA	ND(0.0061)	ND(0.0054)
2-Chloroethylvinylether	ND(0.0061) J	ND(0.0052) J	ND(0.0052) J	ND(0.0063) J	NA	ND(0.0061) J	ND(0.0054)
2-Hexanone	ND(0.012)	ND(0.010)	ND(0.010)	ND(0.013)	NA	ND(0.012)	ND(0.011)
3-Chloropropene	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)	NA	ND(0.0061)	ND(0.0054)
4-Methyl-2-pentanone	ND(0.012)	ND(0.010)	ND(0.010)	ND(0.013)	NA	ND(0.012)	ND(0.011)
Acetone	ND(0.024)	ND(0.021)	ND(0.021)	ND(0.025)	NA	ND(0.024)	ND(0.021)
Acetonitrile	ND(0.12)	ND(0.10)	ND(0.10)	ND(0.13)	NA	ND(0.12)	ND(0.11)
Acrolein	ND(0.12) J	ND(0.10) J	ND(0.10) J	ND(0.13) J	NA	ND(0.12) J	ND(0.11) J
Acrylonitrile	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)	NA	ND(0.0061)	ND(0.0054)
Benzene	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)	NA	ND(0.0061)	ND(0.0054)
Bromodichloromethane	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)	NA	ND(0.0061)	ND(0.0054)
Bromoform	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)	NA	ND(0.0061)	ND(0.0054)
Bromomethane	ND(0.0061) J	ND(0.0052) J	ND(0.0052) J	ND(0.0063) J	NA	ND(0.0061) J	ND(0.0054)
Carbon Disulfide	ND(0.0061) J	ND(0.0052)	ND(0.0052)	ND(0.0063)	NA	ND(0.0061)	ND(0.0054)
Carbon Tetrachloride	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)	NA	ND(0.0061)	ND(0.0054)
Chlorobenzene	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)	NA	ND(0.0061)	ND(0.0054)
Chloroethane	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)	NA	ND(0.0061)	ND(0.0054)
Chloroform	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)	NA	ND(0.0061)	ND(0.0054)
Chloromethane	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)	NA	ND(0.0061)	ND(0.0054)
cis-1,3-Dichloropropene	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)	NA	ND(0.0061)	ND(0.0054)
Dibromochloromethane	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)	NA	ND(0.0061)	ND(0.0054)
Dibromomethane	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)	NA	ND(0.0061)	ND(0.0054)
Dichlorodifluoromethane	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)	NA	ND(0.0061)	ND(0.0054)
Ethyl Methacrylate	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)	NA	ND(0.0061)	ND(0.0054)
Ethylbenzene	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)	NA	ND(0.0061)	ND(0.0054)
Iodomethane	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)	NA	ND(0.0061)	ND(0.0054)
Isobutanol	ND(0.12)	ND(0.10)	ND(0.10)	ND(0.13)	NA	ND(0.12)	ND(0.11)
Methacrylonitrile	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)	NA	ND(0.0061)	ND(0.0054)
Methyl Methacrylate	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)	NA	ND(0.0061)	ND(0.0054)
Methylene Chloride	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)	NA	ND(0.0061)	ND(0.0054)
Propionitrile	ND(0.012)	ND(0.010)	ND(0.010)	ND(0.013)	NA	ND(0.012)	ND(0.011) J
Styrene	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)	NA	ND(0.0061)	ND(0.0054)
Tetrachloroethene	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)	NA	ND(0.0061)	ND(0.0054)
Toluene	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)	NA	ND(0.0061)	ND(0.0054)
trans-1,2-Dichloroethene	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)	NA	ND(0.0061)	ND(0.0054)
trans-1,3-Dichloropropene	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)	NA	ND(0.0061)	ND(0.0054)
trans-1,4-Dichloro-2-butene	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)	NA	ND(0.0061)	ND(0.0054)
Trichloroethene	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)	NA	ND(0.0061)	ND(0.0054)
Trichlorofluoromethane	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)	NA	ND(0.0061)	ND(0.0054)
Vinyl Acetate	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)	NA	ND(0.0061)	ND(0.0054)
Vinyl Chloride	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)	NA	ND(0.0061)	ND(0.0054)
Xylenes (total)	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)	NA	ND(0.0061)	ND(0.0054)
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
1,2,4-Trichlorobenzene	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
1,2-Dichlorobenzene	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
1,2-Diphenylhydrazine	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
1,3,5-Trinitrobenzene	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
1,3-Dichlorobenzene	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
1,3-Dinitrobenzene	NA	ND(0.70)	ND(0.70)	ND(0.85)	ND(0.82)	NA	ND(0.72)
1,4-Dichlorobenzene	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
1,4-Naphthoquinone	NA	ND(0.70)	ND(0.70)	ND(0.85)	ND(0.82)	NA	ND(0.72)
1-Naphthylamine	NA	ND(0.70)	ND(0.70)	ND(0.85)	ND(0.82)	NA	ND(0.72)
2,3,4,6-Tetrachlorophenol	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)

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

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

Sample ID:	RAA12-R16	RAA12-R17	RAA12-R18	RAA12-R18	RAA12-R18	RAA12-R18	RAA12-R19
Sample Depth(Feet):	12-14	0-1	0-1	1-3	6-10	8-10	0-1
Parameter Date Collected:	08/08/02	08/06/02	08/06/02	08/06/02	08/06/02	08/06/02	08/07/02
Semivolatile Organics (continued)							
2,4,5-Trichlorophenol	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
2,4,6-Trichlorophenol	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
2,4-Dichlorophenol	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
2,4-Dimethylphenol	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
2,4-Dinitrophenol	NA	ND(1.8)	ND(1.8)	ND(2.2)	ND(2.1)	NA	ND(1.8)
2,4-Dinitrotoluene	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
2,6-Dichlorophenol	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
2,6-Dinitrotoluene	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
2-Acetylaminofluorene	NA	ND(0.70)	ND(0.70)	ND(0.85)	ND(0.82)	NA	ND(0.72)
2-Chloronaphthalene	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
2-Chlorophenol	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
2-Methylnaphthalene	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
2-Methylphenol	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
2-Naphthylamine	NA	ND(0.70) J	ND(0.70) J	ND(0.85) J	ND(0.82) J	NA	ND(0.72)
2-Nitroaniline	NA	ND(1.8)	ND(1.8)	ND(2.2)	ND(2.1)	NA	ND(1.8)
2-Nitrophenol	NA	ND(0.70)	ND(0.70)	ND(0.85)	ND(0.82)	NA	ND(0.72)
2-Picoline	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
3&4-Methylphenol	NA	ND(0.70)	ND(0.70)	ND(0.85)	ND(0.82)	NA	ND(0.72)
3,3'-Dichlorobenzidine	NA	ND(0.70) J	ND(0.70) J	ND(0.85) J	ND(0.82) J	NA	ND(0.72) J
3,3'-Dimethylbenzidine	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
3-Methylcholanthrene	NA	ND(0.70)	ND(0.70)	ND(0.85)	ND(0.82)	NA	ND(0.72)
3-Nitroaniline	NA	ND(1.8)	ND(1.8)	ND(2.2)	ND(2.1)	NA	ND(1.8)
4,6-Dinitro-2-methylphenol	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
4-Aminobiphenyl	NA	ND(0.70)	ND(0.70)	ND(0.85)	ND(0.82)	NA	ND(0.72)
4-Bromophenyl-phenylether	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
4-Chloro-3-Methylphenol	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
4-Chloroaniline	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
4-Chlorobenzilate	NA	ND(0.70) J	ND(0.70) J	ND(0.85) J	ND(0.82) J	NA	ND(0.72)
4-Chlorophenyl-phenylether	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
4-Nitroaniline	NA	ND(1.8)	ND(1.8)	ND(2.2)	ND(2.1)	NA	ND(1.8)
4-Nitrophenol	NA	ND(1.8)	ND(1.8)	ND(2.2)	ND(2.1)	NA	ND(1.8)
4-Nitroquinoline-1-oxide	NA	ND(0.70)	ND(0.70)	ND(0.85)	ND(0.82)	NA	ND(0.72) J
4-Phenylenediamine	NA	ND(0.70) J	ND(0.70) J	ND(0.85) J	ND(0.82) J	NA	ND(0.72) J
5-Nitro-o-toluidine	NA	ND(0.70)	ND(0.70)	ND(0.85)	ND(0.82)	NA	ND(0.72)
7,12-Dimethylbenz(a)anthracene	NA	ND(0.70)	ND(0.70)	ND(0.85)	ND(0.82)	NA	ND(0.72)
a,a'-Dimethylphenethylamine	NA	ND(0.70)	ND(0.70)	ND(0.85)	ND(0.82)	NA	ND(0.72)
Acenaphthene	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	0.12 J
Acenaphthylene	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	0.88
Acetophenone	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
Aniline	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
Anthracene	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	0.69
Aramite	NA	ND(0.70)	ND(0.70)	ND(0.85)	ND(0.82)	NA	ND(0.72)
Benzidine	NA	ND(0.70)	ND(0.70)	ND(0.85)	ND(0.82)	NA	ND(0.72) J
Benzo(a)anthracene	NA	ND(0.35)	ND(0.35)	0.11 J	ND(0.41)	NA	4.0
Benzo(a)pyrene	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	3.8
Benzo(b)fluoranthene	NA	ND(0.35)	ND(0.35)	0.11 J	ND(0.41)	NA	2.7
Benzo(g,h,i)perylene	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	2.5
Benzo(k)fluoranthene	NA	ND(0.35)	ND(0.35)	0.14 J	ND(0.41)	NA	3.0
Benzyl Alcohol	NA	ND(0.70)	ND(0.70)	ND(0.85)	ND(0.82)	NA	ND(0.72)
bis(2-Chloroethoxy)methane	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
bis(2-Chloroethyl)ether	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
bis(2-Chloroisopropyl)ether	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
bis(2-Ethylhexyl)phthalate	NA	ND(0.34)	ND(0.34)	ND(0.42)	ND(0.40)	NA	ND(0.35)
Butylbenzylphthalate	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
Chrysene	NA	ND(0.35)	ND(0.35)	0.15 J	ND(0.41)	NA	4.3
Diallate	NA	ND(0.70)	ND(0.70)	ND(0.85)	ND(0.82)	NA	ND(0.72)
Dibenzo(a,h)anthracene	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	0.85
Dibenzofuran	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	0.11 J
Diethylphthalate	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
Dimethylphthalate	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
Di-n-Butylphthalate	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
Di-n-Octylphthalate	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
Diphenylamine	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
Ethyl Methanesulfonate	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
Fluoranthene	NA	ND(0.35)	ND(0.35)	0.095 J	ND(0.41)	NA	2.4

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-R16 12-14 08/08/02	RAA12-R17 0-1 08/06/02	RAA12-R18 0-1 08/06/02	RAA12-R18 1-3 08/06/02	RAA12-R18 6-10 08/06/02	RAA12-R18 8-10 08/06/02	RAA12-R19 0-1 08/07/02
Semivolatile Organics (continued)							
Fluorene	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	0.30 J
Hexachlorobenzene	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
Hexachlorobutadiene	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
Hexachlorocyclopentadiene	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
Hexachloroethane	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
Hexachlorophene	NA	ND(0.70)	ND(0.70)	ND(0.85)	ND(0.82)	NA	ND(0.72) J
Hexachloropropene	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
Indeno(1,2,3-cd)pyrene	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	2.2
Isodrin	NA	ND(0.35) J	ND(0.35) J	ND(0.42) J	ND(0.41) J	NA	ND(0.35)
Isophorone	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
Isosafrole	NA	ND(0.70)	ND(0.70)	ND(0.85)	ND(0.82)	NA	ND(0.72)
Methapyrilene	NA	ND(0.70) J	ND(0.70) J	ND(0.85) J	ND(0.82) J	NA	ND(0.72)
Methyl Methanesulfonate	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
Naphthalene	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	0.16 J
Nitrobenzene	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
N-Nitrosodiethylamine	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
N-Nitrosodimethylamine	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
N-Nitroso-di-n-butylamine	NA	ND(0.70) J	ND(0.70) J	ND(0.85) J	ND(0.82) J	NA	ND(0.72)
N-Nitroso-di-n-propylamine	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
N-Nitrosodiphenylamine	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
N-Nitrosomethylethylamine	NA	ND(0.70)	ND(0.70)	ND(0.85)	ND(0.82)	NA	ND(0.72)
N-Nitrosomorpholine	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
N-Nitrosopiperidine	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
N-Nitrosopyrrolidine	NA	ND(0.70)	ND(0.70)	ND(0.85)	ND(0.82)	NA	ND(0.72)
o,o,o-Triethylphosphorothioate	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
o-Toluidine	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
p-Dimethylaminoazobenzene	NA	ND(0.70) J	ND(0.70) J	ND(0.85) J	ND(0.82) J	NA	ND(0.72)
Pentachlorobenzene	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
Pentachloroethane	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
Pentachloronitrobenzene	NA	ND(0.70)	ND(0.70)	ND(0.85)	ND(0.82)	NA	ND(0.72) J
Pentachlorophenol	NA	ND(1.8)	ND(1.8)	ND(2.2)	ND(2.1)	NA	ND(1.8)
Phenacetin	NA	ND(0.70) J	ND(0.70) J	ND(0.85) J	ND(0.82) J	NA	ND(0.72)
Phenanthrene	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	1.4
Phenol	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
Pronamide	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
Pyrene	NA	0.071 J	ND(0.35)	0.24 J	ND(0.41)	NA	7.0
Pyridine	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
Safrole	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
Thionazin	NA	ND(0.35)	ND(0.35)	ND(0.42)	ND(0.41)	NA	ND(0.35)
Organochlorine Pesticides							
4,4'-DDD	NA	NA	NA	NA	ND(0.016)	NA	NA
4,4'-DDE	NA	NA	NA	NA	ND(0.016)	NA	NA
4,4'-DDT	NA	NA	NA	NA	ND(0.016)	NA	NA
Aldrin	NA	NA	NA	NA	ND(0.0080)	NA	NA
Alpha-BHC	NA	NA	NA	NA	ND(0.0080)	NA	NA
Alpha-Chlordane	NA	NA	NA	NA	ND(0.0080)	NA	NA
Beta-BHC	NA	NA	NA	NA	ND(0.0080)	NA	NA
Delta-BHC	NA	NA	NA	NA	ND(0.0080)	NA	NA
Dieldrin	NA	NA	NA	NA	ND(0.016)	NA	NA
Endosulfan I	NA	NA	NA	NA	ND(0.016)	NA	NA
Endosulfan II	NA	NA	NA	NA	ND(0.016)	NA	NA
Endosulfan Sulfate	NA	NA	NA	NA	ND(0.016)	NA	NA
Endrin	NA	NA	NA	NA	ND(0.016)	NA	NA
Endrin Aldehyde	NA	NA	NA	NA	ND(0.016)	NA	NA
Endrin Ketone	NA	NA	NA	NA	ND(0.016)	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	ND(0.0080)	NA	NA
Gamma-Chlordane	NA	NA	NA	NA	ND(0.0080)	NA	NA
Heptachlor	NA	NA	NA	NA	ND(0.0080)	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	ND(0.0080)	NA	NA
Kepone	NA	NA	NA	NA	ND(0.41)	NA	NA
Methoxychlor	NA	NA	NA	NA	ND(0.080)	NA	NA
Technical Chlordane	NA	NA	NA	NA	ND(0.10)	NA	NA
Toxaphene	NA	NA	NA	NA	ND(0.20)	NA	NA

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-R16 12-14 08/08/02	RAA12-R17 0-1 08/06/02	RAA12-R18 0-1 08/06/02	RAA12-R18 1-3 08/06/02	RAA12-R18 6-10 08/06/02	RAA12-R18 8-10 08/06/02	RAA12-R19 0-1 08/07/02
Organophosphate Pesticides							
Dimethoate	NA	NA	NA	NA	ND(2.1)	NA	NA
Disulfoton	NA	NA	NA	NA	ND(0.82)	NA	NA
Ethyl Parathion	NA	NA	NA	NA	ND(0.82)	NA	NA
Famphur	NA	NA	NA	NA	ND(0.41)	NA	NA
Methyl Parathion	NA	NA	NA	NA	ND(0.82)	NA	NA
Phorate	NA	NA	NA	NA	ND(0.82)	NA	NA
Sulfotep	NA	NA	NA	NA	ND(0.82)	NA	NA
Herbicides							
2,4,5-T	NA	NA	NA	NA	ND(0.39)	NA	NA
2,4,5-TP	NA	NA	NA	NA	ND(0.39)	NA	NA
2,4-D	NA	NA	NA	NA	ND(0.80)	NA	NA
Dinoseb	NA	NA	NA	NA	ND(0.40)	NA	NA
Furans							
2,3,7,8-TCDF	NA	0.0000011 Y	0.00000091 J	0.0000027 Y	ND(0.00000016)	NA	0.000019 Y
TCDFs (total)	NA	0.000011	0.0000069	0.000041	ND(0.00000016)	NA	0.000065
1,2,3,7,8-PeCDF	NA	0.0000016 J	0.00000069 J	0.0000027 J	ND(0.00000028)	NA	0.0000078
2,3,4,7,8-PeCDF	NA	0.0000012 J	0.00000071 J	0.0000035	ND(0.00000028)	NA	0.0000050 JQ
PeCDFs (total)	NA	0.0000095	0.0000081	0.000026	ND(0.00000028)	NA	0.000046 Q
1,2,3,4,7,8-HxCDF	NA	0.0000018 J	0.00000085 J	0.0000035	ND(0.00000028)	NA	0.000019
1,2,3,6,7,8-HxCDF	NA	0.00000094 J	ND(0.00000049)	0.0000022 J	ND(0.00000028)	NA	0.0000095
1,2,3,7,8,9-HxCDF	NA	ND(0.00000042)	ND(0.00000012) X	0.00000071 J	ND(0.00000028)	NA	0.0000019 JQ
2,3,4,6,7,8-HxCDF	NA	0.00000076 J	ND(0.00000051)	0.0000024 J	ND(0.00000028)	NA	0.0000037 J
HxCDFs (total)	NA	0.000013	0.0000073	0.000024	ND(0.00000028)	NA	0.000067 Q
1,2,3,4,6,7,8-HpCDF	NA	0.0000046	0.0000047	0.0000066	0.00000020 J	NA	0.000024
1,2,3,4,7,8,9-HpCDF	NA	0.00000063 J	0.00000026 J	0.00000079 J	ND(0.00000028)	NA	0.0000043 J
HpCDFs (total)	NA	0.000011	0.000010	0.000010	0.00000040	NA	0.000038
OCDF	NA	0.0000063	0.0000092	0.0000053 J	ND(0.00000057)	NA	0.000027
Dioxins							
2,3,7,8-TCDD	NA	ND(0.00000021)	0.0000011	ND(0.00000037) X	ND(0.00000017)	NA	ND(0.00000077)
TCDDs (total)	NA	ND(0.00000033)	0.0000011	0.0000019	ND(0.00000040)	NA	ND(0.00000077)
1,2,3,7,8-PeCDD	NA	ND(0.00000025)	ND(0.00000013) X	ND(0.00000049) X	ND(0.00000028)	NA	ND(0.00000046) X
PeCDDs (total)	NA	ND(0.00000021)	ND(0.00000013)	0.0000026	ND(0.00000048)	NA	0.0000019 Q
1,2,3,4,7,8-HxCDD	NA	0.00000029 J	ND(0.00000030)	ND(0.00000026) X	ND(0.00000039)	NA	ND(0.00000075)
1,2,3,6,7,8-HxCDD	NA	0.0000014 J	0.00000043 J	0.00000036 J	ND(0.00000034)	NA	ND(0.0000010) X
1,2,3,7,8,9-HxCDD	NA	ND(0.00000054) X	ND(0.00000028)	0.00000028 J	ND(0.00000035)	NA	0.00000082 J
HxCDDs (total)	NA	0.0000047	0.0000028	0.0000036	ND(0.00000050)	NA	0.0000074 Q
1,2,3,4,6,7,8-HpCDD	NA	0.000024	0.0000074	0.0000023 J	0.00000058 J	NA	0.000010
HpCDDs (total)	NA	0.000041	0.000013	0.0000055	0.00000098	NA	0.000020
OCDD	NA	0.00023	0.000047	0.000016	ND(0.0000042)	NA	0.000079
Total TEQs (WHO TEFs)	NA	0.0000019	0.0000020	0.0000036	0.00000043	NA	0.0000094
Inorganics							
Antimony	NA	ND(6.00)	ND(6.00)	1.70 B	ND(6.00)	NA	1.10 B
Arsenic	NA	2.90 J	3.40 J	11.0 J	2.30 J	NA	2.80
Barium	NA	20.0	32.0	200	21.0	NA	42.0
Beryllium	NA	0.150 B	0.190 B	0.470 B	0.220 B	NA	0.130 B
Cadmium	NA	0.740 J	0.530 J	1.10 J	0.540 J	NA	ND(0.500)
Chromium	NA	5.10 J	4.80 J	7.30 J	6.20 J	NA	11.0
Cobalt	NA	5.60	5.30	21.0	5.50	NA	3.70 B
Copper	NA	22.0	12.0	53.0	8.90	NA	50.0
Cyanide	NA	ND(0.100) J	ND(0.100) J	0.230 J	ND(0.120) J	NA	0.110
Lead	NA	25.0 J	11.0 J	130 J	5.90 J	NA	130
Mercury	NA	ND(0.100)	ND(0.100)	0.180	ND(0.120)	NA	0.370
Nickel	NA	8.60	8.80	18.0	9.60	NA	6.70
Selenium	NA	ND(1.00)	ND(1.00)	1.40	ND(1.00)	NA	ND(1.00)
Silver	NA	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	NA	ND(1.00)
Sulfide	NA	20.0	10.0	18.0	27.0	NA	26.0
Thallium	NA	ND(1.60) J	ND(1.60) J	ND(1.90) J	ND(1.80) J	NA	ND(1.60) J
Tin	NA	5.60 J	4.20 J	15.0 J	4.00 J	NA	9.70 B
Vanadium	NA	5.80	5.90	14.0	6.10	NA	4.30 B
Zinc	NA	65.0 J	64.0 J	200 J	36.0 J	NA	83.0

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

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

Sample ID:	RAA12-R21	RAA12-R21	RAA12-S6	RAA12-S7	RAA12-S8	RAA12-S9	RAA12-S11
Sample Depth(Feet):	3-6	4-6	0-1	0-1	0-1	0-1	0-1
Parameter Date Collected:	08/07/02	08/07/02	08/27/02	08/27/02	09/10/02	09/10/02	09/10/02
Volatile Organics							
1,1,1,2-Tetrachloroethane	NA	ND(0.0061)	ND(0.0052)	ND(0.0055)	NA	ND(0.0052)	ND(0.0056) J
1,1,1-Trichloroethane	NA	ND(0.0061)	ND(0.0052)	ND(0.0055)	NA	ND(0.0052)	ND(0.0056)
1,1,2,2-Tetrachloroethane	NA	ND(0.0061)	ND(0.0052)	ND(0.0055)	NA	ND(0.0052)	ND(0.0056) J
1,1,2-Trichloroethane	NA	ND(0.0061)	ND(0.0052)	ND(0.0055)	NA	ND(0.0052)	ND(0.0056) J
1,1-Dichloroethane	NA	ND(0.0061)	ND(0.0052)	ND(0.0055)	NA	ND(0.0052)	ND(0.0056)
1,1-Dichloroethene	NA	ND(0.0061)	ND(0.0052)	ND(0.0055)	NA	ND(0.0052)	ND(0.0056)
1,2,3-Trichloropropane	NA	ND(0.0061)	ND(0.0052)	ND(0.0055)	NA	ND(0.0052)	ND(0.0056) J
1,2-Dibromo-3-chloropropane	NA	ND(0.0061)	ND(0.0052)	ND(0.0055)	NA	ND(0.0052)	ND(0.0056) J
1,2-Dibromoethane	NA	ND(0.0061)	ND(0.0052)	ND(0.0055)	NA	ND(0.0052)	ND(0.0056) J
1,2-Dichloroethane	NA	ND(0.0061)	ND(0.0052)	ND(0.0055)	NA	ND(0.0052)	ND(0.0056)
1,2-Dichloropropane	NA	ND(0.0061)	ND(0.0052)	ND(0.0055)	NA	ND(0.0052)	ND(0.0056)
1,4-Dioxane	NA	ND(0.12) J	ND(0.10) J	ND(0.11) J	NA	ND(0.10) J	ND(0.11) J
2-Butanone	NA	ND(0.012)	ND(0.010)	ND(0.011)	NA	ND(0.010)	ND(0.011)
2-Chloro-1,3-butadiene	NA	ND(0.0061)	ND(0.0052)	ND(0.0055)	NA	ND(0.0052)	ND(0.0056)
2-Chloroethylvinylether	NA	ND(0.0061)	ND(0.0052) J	ND(0.0055) J	NA	ND(0.0052) J	ND(0.0056) J
2-Hexanone	NA	ND(0.012)	ND(0.010)	ND(0.011)	NA	ND(0.010)	ND(0.011) J
3-Chloropropene	NA	ND(0.0061)	ND(0.0052)	ND(0.0055)	NA	ND(0.0052)	ND(0.0056)
4-Methyl-2-pentanone	NA	ND(0.012)	ND(0.010)	ND(0.011)	NA	ND(0.010)	ND(0.011)
Acetone	NA	ND(0.024)	ND(0.021)	ND(0.022)	NA	ND(0.021)	ND(0.023)
Acetonitrile	NA	ND(0.12)	ND(0.10)	ND(0.11)	NA	ND(0.10) J	ND(0.11) J
Acrolein	NA	ND(0.12) J	ND(0.10) J	ND(0.11) J	NA	ND(0.10) J	ND(0.11) J
Acrylonitrile	NA	ND(0.0061)	ND(0.0052)	ND(0.0055)	NA	ND(0.0052) J	ND(0.0056) J
Benzene	NA	ND(0.0061)	ND(0.0052)	ND(0.0055)	NA	ND(0.0052)	ND(0.0056)
Bromodichloromethane	NA	ND(0.0061)	ND(0.0052)	ND(0.0055)	NA	ND(0.0052)	ND(0.0056)
Bromoform	NA	ND(0.0061)	ND(0.0052)	ND(0.0055)	NA	ND(0.0052)	ND(0.0056) J
Bromomethane	NA	ND(0.0061)	ND(0.0052)	ND(0.0055)	NA	ND(0.0052)	ND(0.0056)
Carbon Disulfide	NA	ND(0.0061)	ND(0.0052)	ND(0.0055)	NA	ND(0.0052)	ND(0.0056)
Carbon Tetrachloride	NA	ND(0.0061)	ND(0.0052)	ND(0.0055)	NA	ND(0.0052)	ND(0.0056)
Chlorobenzene	NA	ND(0.0061)	ND(0.0052)	ND(0.0055)	NA	ND(0.0052)	ND(0.0056) J
Chloroethane	NA	ND(0.0061)	ND(0.0052)	ND(0.0055)	NA	ND(0.0052)	ND(0.0056)
Chloroform	NA	ND(0.0061)	ND(0.0052)	ND(0.0055)	NA	ND(0.0052)	ND(0.0056)
Chloromethane	NA	ND(0.0061)	ND(0.0052)	ND(0.0055)	NA	ND(0.0052)	ND(0.0056)
cis-1,3-Dichloropropene	NA	ND(0.0061)	ND(0.0052)	ND(0.0055)	NA	ND(0.0052)	ND(0.0056)
Dibromochloromethane	NA	ND(0.0061)	ND(0.0052)	ND(0.0055)	NA	ND(0.0052)	ND(0.0056)
Dibromomethane	NA	ND(0.0061)	ND(0.0052)	ND(0.0055)	NA	ND(0.0052)	ND(0.0056)
Dichlorodifluoromethane	NA	ND(0.0061)	ND(0.0052)	ND(0.0055)	NA	ND(0.0052)	ND(0.0056)
Ethyl Methacrylate	NA	ND(0.0061)	ND(0.0052)	ND(0.0055)	NA	ND(0.0052)	ND(0.0056) J
Ethylbenzene	NA	ND(0.0061)	ND(0.0052)	ND(0.0055)	NA	ND(0.0052)	ND(0.0056) J
Iodomethane	NA	ND(0.0061)	ND(0.0052)	ND(0.0055)	NA	ND(0.0052)	ND(0.0056)
Isobutanol	NA	ND(0.12)	ND(0.10)	ND(0.11)	NA	ND(0.10)	ND(0.11)
Methacrylonitrile	NA	ND(0.0061)	ND(0.0052)	ND(0.0055)	NA	ND(0.0052)	ND(0.0056)
Methyl Methacrylate	NA	ND(0.0061)	ND(0.0052)	ND(0.0055)	NA	ND(0.0052)	ND(0.0056)
Methylene Chloride	NA	ND(0.0061)	ND(0.0052)	ND(0.0055)	NA	ND(0.0052)	ND(0.0056)
Propionitrile	NA	ND(0.012) J	ND(0.010)	ND(0.011)	NA	ND(0.010)	ND(0.011)
Styrene	NA	ND(0.0061)	ND(0.0052)	ND(0.0055)	NA	ND(0.0052)	ND(0.0056) J
Tetrachloroethene	NA	ND(0.0061)	ND(0.0052)	ND(0.0055)	NA	ND(0.0052)	ND(0.0056) J
Toluene	NA	ND(0.0061)	ND(0.0052)	ND(0.0055)	NA	ND(0.0052)	ND(0.0056) J
trans-1,2-Dichloroethene	NA	ND(0.0061)	ND(0.0052)	ND(0.0055)	NA	ND(0.0052)	ND(0.0056)
trans-1,3-Dichloropropene	NA	ND(0.0061)	ND(0.0052)	ND(0.0055)	NA	ND(0.0052)	ND(0.0056) J
trans-1,4-Dichloro-2-butene	NA	ND(0.0061)	ND(0.0052)	ND(0.0055)	NA	ND(0.0052)	ND(0.0056) J
Trichloroethene	NA	ND(0.0061)	ND(0.0052)	ND(0.0055)	NA	ND(0.0052)	ND(0.0056)
Trichlorofluoromethane	NA	ND(0.0061)	ND(0.0052) J	ND(0.0055) J	NA	ND(0.0052) J	ND(0.0056) J
Vinyl Acetate	NA	ND(0.0061)	ND(0.0052)	ND(0.0055)	NA	ND(0.0052)	ND(0.0056)
Vinyl Chloride	NA	ND(0.0061)	ND(0.0052)	ND(0.0055)	NA	ND(0.0052)	ND(0.0056)
Xylenes (total)	NA	ND(0.0061)	ND(0.0052)	ND(0.0055)	NA	ND(0.0052)	ND(0.0056) J
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
1,2,4-Trichlorobenzene	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
1,2-Dichlorobenzene	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
1,2-Diphenylhydrazine	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
1,3,5-Trinitrobenzene	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
1,3-Dichlorobenzene	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
1,3-Dinitrobenzene	ND(0.82)	NA	ND(0.70)	ND(0.73)	NA	ND(0.70)	ND(0.76)
1,4-Dichlorobenzene	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
1,4-Naphthoquinone	ND(0.82)	NA	ND(0.70)	ND(0.73)	NA	ND(0.70)	ND(0.76)
1-Naphthylamine	ND(0.82)	NA	ND(0.70)	ND(0.73)	NA	ND(0.70)	ND(0.76)
2,3,4,6-Tetrachlorophenol	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)

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

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

Sample ID:	RAA12-R21	RAA12-R21	RAA12-S6	RAA12-S7	RAA12-S8	RAA12-S9	RAA12-S11
Sample Depth(Feet):	3-6	4-6	0-1	0-1	0-1	0-1	0-1
Parameter Date Collected:	08/07/02	08/07/02	08/27/02	08/27/02	09/10/02	09/10/02	09/10/02
Semivolatile Organics (continued)							
2,4,5-Trichlorophenol	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
2,4,6-Trichlorophenol	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
2,4-Dichlorophenol	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
2,4-Dimethylphenol	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
2,4-Dinitrophenol	ND(2.1)	NA	ND(1.9)	ND(1.9)	NA	ND(1.8)	ND(1.9)
2,4-Dinitrotoluene	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
2,6-Dichlorophenol	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
2,6-Dinitrotoluene	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
2-Acetylaminofluorene	ND(0.82)	NA	ND(0.70)	ND(0.73)	NA	ND(0.70)	ND(0.76)
2-Chloronaphthalene	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
2-Chlorophenol	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
2-Methylnaphthalene	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
2-Methylphenol	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
2-Naphthylamine	ND(0.82)	NA	ND(0.70)	ND(0.73)	NA	ND(0.70)	ND(0.76)
2-Nitroaniline	ND(2.1)	NA	ND(1.9)	ND(1.9)	NA	ND(1.8)	ND(1.9)
2-Nitrophenol	ND(0.82)	NA	ND(0.70)	ND(0.73)	NA	ND(0.70)	ND(0.76)
2-Picoline	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
3&4-Methylphenol	ND(0.82)	NA	ND(0.70)	ND(0.73)	NA	ND(0.70)	ND(0.76)
3,3'-Dichlorobenzidine	ND(0.82) J	NA	ND(0.77)	ND(0.73)	NA	ND(0.70) J	ND(0.76) J
3,3'-Dimethylbenzidine	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
3-Methylcholanthrene	ND(0.82)	NA	ND(0.70)	ND(0.73)	NA	ND(0.70)	ND(0.76)
3-Nitroaniline	ND(2.1)	NA	ND(1.9)	ND(1.9)	NA	ND(1.8)	ND(1.9)
4,6-Dinitro-2-methylphenol	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
4-Aminobiphenyl	ND(0.82)	NA	ND(0.70)	ND(0.73)	NA	ND(0.70) J	ND(0.76) J
4-Bromophenyl-phenylether	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35) J	ND(0.38) J
4-Chloro-3-Methylphenol	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
4-Chloroaniline	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
4-Chlorobenzilate	ND(0.82)	NA	ND(0.70) J	ND(0.73) J	NA	ND(0.70)	ND(0.76)
4-Chlorophenyl-phenylether	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
4-Nitroaniline	ND(2.1)	NA	ND(1.8)	ND(1.9)	NA	ND(1.8)	ND(1.9)
4-Nitrophenol	ND(2.1)	NA	ND(1.9)	ND(1.9)	NA	ND(1.8)	ND(1.9)
4-Nitroquinoline-1-oxide	ND(0.82) J	NA	ND(0.70)	ND(0.73)	NA	ND(0.70) J	ND(0.76) J
4-Phenylenediamine	ND(0.82) J	NA	ND(0.70) J	ND(0.73) J	NA	ND(0.70) J	ND(0.76) J
5-Nitro-o-toluidine	ND(0.82)	NA	ND(0.70)	ND(0.73)	NA	ND(0.70)	ND(0.76)
7,12-Dimethylbenz(a)anthracene	ND(0.82)	NA	ND(0.70)	ND(0.73)	NA	ND(0.70)	ND(0.76)
a,a'-Dimethylphenethylamine	ND(0.82)	NA	ND(0.70)	ND(0.73)	NA	ND(0.70)	ND(0.76)
Acenaphthene	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
Acenaphthylene	1.2	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	0.47
Acetophenone	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
Aniline	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
Anthracene	0.51	NA	ND(0.38)	0.13 J	NA	ND(0.35)	0.33 J
Aramite	ND(0.82)	NA	ND(0.70) J	ND(0.73) J	NA	ND(0.70) J	ND(0.76) J
Benzidine	ND(0.82) J	NA	ND(0.77) J	ND(0.73) J	NA	ND(0.70)	ND(0.76)
Benzo(a)anthracene	2.1	NA	0.085 J	0.23 J	NA	ND(0.35)	0.79
Benzo(a)pyrene	2.6	NA	ND(0.38)	0.18 J	NA	ND(0.35)	0.76
Benzo(b)fluoranthene	1.8	NA	ND(0.38)	ND(0.36)	NA	0.11 J	0.78
Benzo(g,h,i)perylene	2.4	NA	0.10 J	0.21 J	NA	ND(0.35)	1.1
Benzo(k)fluoranthene	1.8	NA	0.12 J	0.34 J	NA	ND(0.35)	0.52
Benzyl Alcohol	ND(0.82)	NA	ND(0.77)	ND(0.73)	NA	ND(0.70)	ND(0.76)
bis(2-Chloroethoxy)methane	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
bis(2-Chloroethyl)ether	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
bis(2-Chloroisopropyl)ether	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
bis(2-Ethylhexyl)phthalate	ND(0.40)	NA	ND(0.35)	ND(0.36)	NA	ND(0.34)	ND(0.37)
Butylbenzylphthalate	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
Chrysene	2.2	NA	0.13 J	0.21 J	NA	ND(0.35)	1.1
Diallate	ND(0.82)	NA	ND(0.70)	ND(0.73)	NA	ND(0.70)	ND(0.76)
Dibenzo(a,h)anthracene	0.58	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	0.27 J
Dibenzofuran	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
Diethylphthalate	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
Dimethylphthalate	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
Di-n-Butylphthalate	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	0.15 J
Di-n-Octylphthalate	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	0.13 J
Diphenylamine	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
Ethyl Methanesulfonate	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
Fluoranthene	1.6	NA	0.095 J	0.42	NA	ND(0.35)	1.4

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-R21 3-6 08/07/02	RAA12-R21 4-6 08/07/02	RAA12-S6 0-1 08/27/02	RAA12-S7 0-1 08/27/02	RAA12-S8 0-1 09/10/02	RAA12-S9 0-1 09/10/02	RAA12-S11 0-1 09/10/02
Semivolatile Organics (continued)							
Fluorene	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
Hexachlorobenzene	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35) J	ND(0.38) J
Hexachlorobutadiene	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
Hexachlorocyclopentadiene	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
Hexachloroethane	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
Hexachlorophene	ND(0.82) J	NA	ND(0.77)	ND(0.73)	NA	ND(0.70)	ND(0.76)
Hexachloropropene	ND(0.40)	NA	ND(0.38) J	ND(0.36) J	NA	ND(0.35)	ND(0.38)
Indeno(1,2,3-cd)pyrene	1.8	NA	ND(0.38)	0.18 J	NA	ND(0.35)	0.82
Isodrin	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
Isophorone	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
Isosafrole	ND(0.82)	NA	ND(0.70)	ND(0.73)	NA	ND(0.70)	ND(0.76)
Methapyrilene	ND(0.82)	NA	ND(0.70)	ND(0.73)	NA	ND(0.70) J	ND(0.76) J
Methyl Methanesulfonate	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35) J	ND(0.38) J
Naphthalene	0.13 J	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
Nitrobenzene	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
N-Nitrosodiethylamine	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
N-Nitrosodimethylamine	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
N-Nitroso-di-n-butylamine	ND(0.82)	NA	ND(0.70)	ND(0.73)	NA	ND(0.70)	ND(0.76)
N-Nitroso-di-n-propylamine	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
N-Nitrosodiphenylamine	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
N-Nitrosomethylethylamine	ND(0.82)	NA	ND(0.70)	ND(0.73)	NA	ND(0.70)	ND(0.76)
N-Nitrosomorpholine	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
N-Nitrosopiperidine	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
N-Nitrosopyrrolidine	ND(0.82)	NA	ND(0.70)	ND(0.73)	NA	ND(0.70) J	ND(0.76) J
o,o,o-Triethylphosphorothioate	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
o-Toluidine	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35) J	ND(0.38) J
p-Dimethylaminoazobenzene	ND(0.82)	NA	ND(0.70)	ND(0.73)	NA	ND(0.70)	ND(0.76)
Pentachlorobenzene	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
Pentachloroethane	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
Pentachloronitrobenzene	ND(0.82) J	NA	ND(0.70) J	ND(0.73) J	NA	ND(0.70)	ND(0.76)
Pentachlorophenol	ND(2.1)	NA	ND(1.9)	ND(1.9)	NA	ND(1.8)	ND(1.9)
Phenacetin	ND(0.82)	NA	ND(0.70)	ND(0.73)	NA	ND(0.70)	0.54 J
Phenanthrene	0.48	NA	ND(0.38)	0.29 J	NA	ND(0.35)	0.57
Phenol	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
Pronamide	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
Pyrene	3.7	NA	0.13 J	0.64	NA	0.11 J	1.8
Pyridine	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
Safrole	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35)	ND(0.38)
Thionazin	ND(0.40)	NA	ND(0.38)	ND(0.36)	NA	ND(0.35) J	ND(0.38) J
Organochlorine Pesticides							
4,4'-DDD	NA	NA	NA	NA	NA	NA	ND(0.11)
4,4'-DDE	NA	NA	NA	NA	NA	NA	ND(0.11)
4,4'-DDT	NA	NA	NA	NA	NA	NA	ND(0.11)
Aldrin	NA	NA	NA	NA	NA	NA	ND(0.056)
Alpha-BHC	NA	NA	NA	NA	NA	NA	ND(0.056)
Alpha-Chlordane	NA	NA	NA	NA	NA	NA	ND(0.056)
Beta-BHC	NA	NA	NA	NA	NA	NA	ND(0.056)
Delta-BHC	NA	NA	NA	NA	NA	NA	ND(0.056)
Dieldrin	NA	NA	NA	NA	NA	NA	ND(0.11)
Endosulfan I	NA	NA	NA	NA	NA	NA	ND(0.11)
Endosulfan II	NA	NA	NA	NA	NA	NA	ND(0.11)
Endosulfan Sulfate	NA	NA	NA	NA	NA	NA	ND(0.11)
Endrin	NA	NA	NA	NA	NA	NA	ND(0.11)
Endrin Aldehyde	NA	NA	NA	NA	NA	NA	ND(0.11)
Endrin Ketone	NA	NA	NA	NA	NA	NA	ND(0.11)
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA	ND(0.056)
Gamma-Chlordane	NA	NA	NA	NA	NA	NA	ND(0.056)
Heptachlor	NA	NA	NA	NA	NA	NA	ND(0.056)
Heptachlor Epoxide	NA	NA	NA	NA	NA	NA	ND(0.056)
Kepone	NA	NA	NA	NA	NA	NA	ND(0.38)
Methoxychlor	NA	NA	NA	NA	NA	NA	ND(0.56)
Technical Chlordane	NA	NA	NA	NA	NA	NA	ND(0.94)
Toxaphene	NA	NA	NA	NA	NA	NA	ND(0.94)

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

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

Sample ID:	RAA12-R21	RAA12-R21	RAA12-S6	RAA12-S7	RAA12-S8	RAA12-S9	RAA12-S11
Sample Depth(Feet):	3-6	4-6	0-1	0-1	0-1	0-1	0-1
Parameter Date Collected:	08/07/02	08/07/02	08/27/02	08/27/02	09/10/02	09/10/02	09/10/02
Organophosphate Pesticides							
Dimethoate	NA	NA	NA	NA	NA	NA	ND(1.9)
Disulfoton	NA	NA	NA	NA	NA	NA	ND(0.76)
Ethyl Parathion	NA	NA	NA	NA	NA	NA	ND(0.76)
Famphur	NA	NA	NA	NA	NA	NA	ND(0.38)
Methyl Parathion	NA	NA	NA	NA	NA	NA	ND(0.76)
Phorate	NA	NA	NA	NA	NA	NA	ND(0.76)
Sulfotep	NA	NA	NA	NA	NA	NA	ND(0.76)
Herbicides							
2,4,5-T	NA	NA	NA	NA	NA	NA	ND(0.36)
2,4,5-TP	NA	NA	NA	NA	NA	NA	ND(0.36)
2,4-D	NA	NA	NA	NA	NA	NA	ND(0.80)
Dinoseb	NA	NA	NA	NA	NA	NA	ND(0.38)
Furans							
2,3,7,8-TCDF	0.000077 Y	NA	0.0000058 YIQ	0.000013 Y	NA	ND(0.00000011)	0.000059 YQ
TCDFs (total)	0.00033 Q	NA	0.00038	0.00014	NA	ND(0.00000011)	0.00068
1,2,3,7,8-PeCDF	0.000026	NA	0.0000023 J	0.0000045	NA	ND(0.00000027)	0.000038
2,3,4,7,8-PeCDF	0.000021 Q	NA	0.000059	0.000019	NA	ND(0.00000027)	0.00015
PeCDFs (total)	0.00021 Q	NA	0.00086 I	0.00021 QI	NA	ND(0.00000027)	0.0016
1,2,3,4,7,8-HxCDF	0.000058	NA	0.0000046	0.0000058	NA	ND(0.00000027)	0.00017
1,2,3,6,7,8-HxCDF	0.000024	NA	0.000013	0.0000056	NA	ND(0.00000027)	0.000083
1,2,3,7,8,9-HxCDF	0.0000064	NA	0.0000030	0.0000016 J	NA	ND(0.00000027)	0.000072
2,3,4,6,7,8-HxCDF	0.000012	NA	0.000028	0.000012	NA	ND(0.00000027)	0.00026
HxCDFs (total)	0.00029 Q	NA	0.00038	0.00016	NA	0.00000046	0.0032
1,2,3,4,6,7,8-HpCDF	0.000092 Q	NA	0.000014	0.000024	NA	0.00000013 J	0.00028
1,2,3,4,7,8,9-HpCDF	0.000015	NA	0.0000013 J	0.0000018 J	NA	ND(0.00000027)	0.000062
HpCDFs (total)	0.00017 Q	NA	0.000033	0.000049	NA	0.00000013	0.00082
OCDF	0.000068	NA	0.0000071	0.000024	NA	ND(0.00000054)	0.00016
Dioxins							
2,3,7,8-TCDD	ND(0.0000011)	NA	ND(0.00000018) X	ND(0.00000025)	NA	ND(0.00000015)	0.0000036 J
TCDDs (total)	0.0000096	NA	0.00000031	0.0000020	NA	ND(0.00000041)	0.000016
1,2,3,7,8-PeCDD	0.0000028 JQ	NA	ND(0.0000011) X	0.00000059 J	NA	ND(0.00000027)	ND(0.000011) X
PeCDDs (total)	0.000026 Q	NA	0.0000091	0.0000073 Q	NA	ND(0.00000044)	0.000042
1,2,3,4,7,8-HxCDD	0.0000030 J	NA	0.00000064 J	0.00000065 J	NA	ND(0.00000027)	0.000019 J
1,2,3,6,7,8-HxCDD	0.0000048 J	NA	0.0000021 J	0.0000020 J	NA	ND(0.00000027)	0.000020 J
1,2,3,7,8,9-HxCDD	0.0000044 J	NA	0.0000015 J	0.0000012 J	NA	ND(0.00000016) X	0.000014 J
HxCDDs (total)	0.000062 Q	NA	0.000024	0.000021	NA	ND(0.00000077)	0.00023
1,2,3,4,6,7,8-HpCDD	0.000030	NA	0.0000072	0.000014	NA	0.00000039 J	0.00016
HpCDDs (total)	0.000058	NA	0.000016	0.000026	NA	0.00000039	0.00032
OCDD	0.00019	NA	0.000039	0.00012	NA	ND(0.0000018)	0.00076
Total TEQs (WHO TEFs)	0.000036	NA	0.000036	0.000015	NA	0.00000039	0.00016
Inorganics							
Antimony	1.20 B	NA	1.40 B	2.20 B	1.70 B	1.70 B	1.70 B
Arsenic	5.00	NA	4.00	5.00	2.60	3.00	6.70
Barium	47.0	NA	21.0	60.0	21.0	24.0	60.0
Beryllium	0.290 B	NA	0.200 B	0.450 B	0.210 B	0.310 B	0.210 B
Cadmium	0.960	NA	0.570	0.860	0.290 B	0.390 B	1.90
Chromium	39.0	NA	5.10	6.40	5.00	5.90	11.0
Cobalt	7.10	NA	5.40	5.00 B	5.20	6.60	6.10
Copper	87.0	NA	15.0	32.0	9.10	13.0	52.0
Cyanide	0.160	NA	ND(0.210)	ND(0.220)	ND(0.510)	ND(0.520)	ND(0.230)
Lead	120	NA	48.0	240	4.70	11.0	360
Mercury	0.220	NA	0.0600 B	0.270	ND(0.100)	ND(0.100)	0.300 J
Nickel	12.0	NA	11.0	9.50	8.50	16.0	14.0
Selenium	ND(1.00)	NA	ND(1.00)	1.40	ND(1.00) J	ND(1.00) J	ND(1.00) J
Silver	ND(1.00)	NA	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide	37.0	NA	10.0	54.0	9.80	8.40	74.0
Thallium	ND(1.80) J	NA	ND(1.60)	ND(1.10)	ND(1.00) J	ND(1.00) J	ND(1.10) J
Tin	19.0	NA	ND(10.0)	ND(13.0)	ND(10.0)	ND(10.0)	ND(12.0)
Vanadium	8.80	NA	6.00	7.40	8.00	7.50	15.0
Zinc	140	NA	47.0	100	25.0 J	40.0 J	270 J

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

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

Sample ID:	RAA12-S14	RAA12-S14	RAA12-S14	RAA12-T4	RAA12-T4	RAA12-T4	RAA12-T6
Sample Depth(Feet):	0-1	3-6	4-6	0-1	3-6	4-6	0-1
Parameter Date Collected:	08/06/02	08/06/02	08/06/02	08/23/02	08/23/02	08/23/02	08/23/02
Volatile Organics							
1,1,1,2-Tetrachloroethane	ND(0.0058) [ND(0.0057)]	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
1,1,1-Trichloroethane	ND(0.0058) [ND(0.0057)]	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
1,1,2,2-Tetrachloroethane	ND(0.0058) [ND(0.0057)]	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
1,1,2-Trichloroethane	ND(0.0058) [ND(0.0057)]	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
1,1-Dichloroethane	ND(0.0058) [ND(0.0057)]	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
1,1-Dichloroethene	ND(0.0058) [ND(0.0057)]	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
1,2,3-Trichloropropane	ND(0.0058) [ND(0.0057)]	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
1,2-Dibromo-3-chloropropane	ND(0.0058) [ND(0.0057)]	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
1,2-Dibromoethane	ND(0.0058) [ND(0.0057)]	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
1,2-Dichloroethane	ND(0.0058) [ND(0.0057)]	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
1,2-Dichloropropane	ND(0.0058) [ND(0.0057)]	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
1,4-Dioxane	ND(0.12) J [ND(0.11) J]	NA	ND(0.11) J	ND(0.11) J	NA	ND(0.13) J	ND(0.11) J
2-Butanone	ND(0.012) [ND(0.011)]	NA	ND(0.011)	ND(0.011)	NA	0.017	ND(0.011)
2-Chloro-1,3-butadiene	ND(0.0058) [ND(0.0057)]	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
2-Chloroethylvinylether	ND(0.0058) J [ND(0.0057) J]	NA	ND(0.0054) J	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
2-Hexanone	ND(0.012) [ND(0.011)]	NA	ND(0.011)	ND(0.011)	NA	ND(0.013)	ND(0.011)
3-Chloropropene	ND(0.0058) [ND(0.0057)]	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
4-Methyl-2-pentanone	ND(0.012) [ND(0.011)]	NA	ND(0.011)	ND(0.011)	NA	ND(0.013)	ND(0.011)
Acetone	ND(0.023) [ND(0.023)]	NA	0.034	ND(0.022)	NA	0.068	0.016 J
Acetonitrile	ND(0.12) [ND(0.11)]	NA	ND(0.11)	ND(0.11)	NA	ND(0.13)	ND(0.11)
Acrolein	ND(0.12) J [ND(0.11) J]	NA	ND(0.11) J	ND(0.11) J	NA	ND(0.13) J	ND(0.11) J
Acrylonitrile	ND(0.0058) [ND(0.0057)]	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
Benzene	ND(0.0058) [ND(0.0057)]	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
Bromodichloromethane	ND(0.0058) [ND(0.0057)]	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
Bromoform	ND(0.0058) [ND(0.0057)]	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
Bromomethane	ND(0.0058) J [ND(0.0057) J]	NA	ND(0.0054) J	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
Carbon Disulfide	ND(0.0058) [ND(0.0057)]	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
Carbon Tetrachloride	ND(0.0058) [ND(0.0057)]	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
Chlorobenzene	ND(0.0058) [ND(0.0057)]	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
Chloroethane	ND(0.0058) [ND(0.0057)]	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
Chloroform	ND(0.0058) [ND(0.0057)]	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
Chloromethane	ND(0.0058) [ND(0.0057)]	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
cis-1,3-Dichloropropene	ND(0.0058) [ND(0.0057)]	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
Dibromochloromethane	ND(0.0058) [ND(0.0057)]	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
Dibromomethane	ND(0.0058) [ND(0.0057)]	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
Dichlorodifluoromethane	ND(0.0058) [ND(0.0057)]	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
Ethyl Methacrylate	ND(0.0058) [ND(0.0057)]	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
Ethylbenzene	ND(0.0058) [ND(0.0057)]	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
Iodomethane	ND(0.0058) [ND(0.0057)]	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
Isobutanol	ND(0.12) [ND(0.11)]	NA	ND(0.11)	ND(0.11)	NA	ND(0.13)	ND(0.11)
Methacrylonitrile	ND(0.0058) [ND(0.0057)]	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
Methyl Methacrylate	ND(0.0058) [ND(0.0057)]	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
Methylene Chloride	ND(0.0058) [ND(0.0057)]	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
Propionitrile	ND(0.012) [ND(0.011)]	NA	ND(0.011)	ND(0.011) J	NA	ND(0.013) J	ND(0.011) J
Styrene	ND(0.0058) [ND(0.0057)]	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
Tetrachloroethene	ND(0.0058) [ND(0.0057)]	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
Toluene	ND(0.0058) [ND(0.0057)]	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
trans-1,2-Dichloroethene	ND(0.0058) [ND(0.0057)]	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
trans-1,3-Dichloropropene	ND(0.0058) [ND(0.0057)]	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
trans-1,4-Dichloro-2-butene	ND(0.0058) [ND(0.0057)]	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
Trichloroethene	ND(0.0058) [ND(0.0057)]	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
Trichlorofluoromethane	ND(0.0058) [ND(0.0057)]	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
Vinyl Acetate	ND(0.0058) [ND(0.0057)]	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
Vinyl Chloride	ND(0.0058) [ND(0.0057)]	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
Xylenes (total)	ND(0.0058) [ND(0.0057)]	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
1,2,4-Trichlorobenzene	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
1,2-Dichlorobenzene	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
1,2-Diphenylhydrazine	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
1,3,5-Trinitrobenzene	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
1,3-Dichlorobenzene	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
1,3-Dinitrobenzene	ND(0.78) [ND(0.77)]	ND(0.73)	NA	ND(0.73)	ND(0.90)	NA	ND(0.72)
1,4-Dichlorobenzene	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
1,4-Naphthoquinone	ND(0.78) [ND(0.77)]	ND(0.73)	NA	ND(0.73)	ND(0.90)	NA	ND(0.72)
1-Naphthylamine	ND(0.78) [ND(0.77)]	ND(0.73)	NA	ND(0.73)	ND(0.90)	NA	ND(0.72)
2,3,4,6-Tetrachlorophenol	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)

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

Parameter / Sample ID:	RAA12-S14	RAA12-S14	RAA12-S14	RAA12-T4	RAA12-T4	RAA12-T4	RAA12-T6
Sample Depth(Feet):	0-1	3-6	4-6	0-1	3-6	4-6	0-1
Date Collected:	08/06/02	08/06/02	08/06/02	08/23/02	08/23/02	08/23/02	08/23/02
Semivolatile Organics (continued)							
2,4,5-Trichlorophenol	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
2,4,6-Trichlorophenol	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
2,4-Dichlorophenol	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
2,4-Dimethylphenol	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
2,4-Dinitrophenol	ND(2.0) [ND(1.9)]	ND(1.8)	NA	ND(1.8)	ND(2.3)	NA	ND(1.8)
2,4-Dinitrotoluene	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
2,6-Dichlorophenol	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
2,6-Dinitrotoluene	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
2-Acetylaminofluorene	ND(0.78) [ND(0.77)]	ND(0.73)	NA	ND(0.73)	ND(0.90)	NA	ND(0.72)
2-Chloronaphthalene	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
2-Chlorophenol	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
2-Methylnaphthalene	ND(0.39) [ND(0.38)]	0.084 J	NA	ND(0.36)	0.16 J	NA	ND(0.36)
2-Methylphenol	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
2-Naphthylamine	ND(0.78) J [ND(0.77) J]	ND(0.73) J	NA	ND(0.73)	ND(0.90)	NA	ND(0.72)
2-Nitroaniline	ND(2.0) [ND(1.9)]	ND(1.8)	NA	ND(1.8)	ND(2.3)	NA	ND(1.8)
2-Nitrophenol	ND(0.78) [ND(0.77)]	ND(0.73)	NA	ND(0.73)	ND(0.90)	NA	ND(0.72)
2-Picoline	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
3&4-Methylphenol	ND(0.78) [ND(0.77)]	ND(0.73)	NA	ND(0.73)	ND(0.90)	NA	ND(0.72)
3,3'-Dichlorobenzidine	ND(0.78) J [ND(0.77) J]	ND(0.73) J	NA	ND(0.73) J	ND(0.90) J	NA	ND(0.72) J
3,3'-Dimethylbenzidine	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
3-Methylcholanthrene	ND(0.78) [ND(0.77)]	ND(0.73)	NA	ND(0.73)	ND(0.90)	NA	ND(0.72)
3-Nitroaniline	ND(2.0) [ND(1.9)]	ND(1.8)	NA	ND(1.8)	ND(2.3)	NA	ND(1.8)
4,6-Dinitro-2-methylphenol	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
4-Aminobiphenyl	ND(0.78) [ND(0.77)]	ND(0.73)	NA	ND(0.73)	ND(0.90)	NA	ND(0.72)
4-Bromophenyl-phenylether	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36) J	ND(0.45) J	NA	ND(0.36) J
4-Chloro-3-Methylphenol	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
4-Chloroaniline	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
4-Chlorobenzilate	ND(0.78) J [ND(0.77) J]	ND(0.73) J	NA	ND(0.73)	ND(0.90)	NA	ND(0.72)
4-Chlorophenyl-phenylether	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
4-Nitroaniline	ND(2.0) [ND(1.9)]	ND(1.8)	NA	ND(1.8)	ND(2.3)	NA	ND(1.8)
4-Nitrophenol	ND(2.0) [ND(1.9)]	ND(1.8)	NA	ND(1.8)	ND(2.3)	NA	ND(1.8)
4-Nitroquinoline-1-oxide	ND(0.78) [ND(0.77)]	ND(0.73)	NA	ND(0.73)	ND(0.90)	NA	ND(0.72)
4-Phenylenediamine	ND(0.78) J [ND(0.77) J]	ND(0.73) J	NA	ND(0.73) J	ND(0.90) J	NA	ND(0.72) J
5-Nitro-o-toluidine	ND(0.78) [ND(0.77)]	ND(0.73)	NA	ND(0.73)	ND(0.90)	NA	ND(0.72)
7,12-Dimethylbenz(a)anthracene	ND(0.78) [ND(0.77)]	ND(0.73)	NA	ND(0.73)	ND(0.90)	NA	ND(0.72)
a,a'-Dimethylphenethylamine	ND(0.78) [ND(0.77)]	ND(0.73)	NA	ND(0.73) J	ND(0.90) J	NA	ND(0.72) J
Acenaphthene	ND(0.39) [ND(0.38)]	0.19 J	NA	ND(0.36)	0.27 J	NA	ND(0.36)
Acenaphthylene	0.087 J [0.16 J]	0.10 J	NA	ND(0.36)	0.24 J	NA	ND(0.36)
Acetophenone	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
Aniline	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
Anthracene	ND(0.39) [0.38]	0.36 J	NA	ND(0.36)	1.2	NA	0.38
Aramite	ND(0.78) [ND(0.77)]	ND(0.73)	NA	ND(0.73) J	ND(0.90) J	NA	ND(0.72) J
Benzidine	ND(0.78) [ND(0.77)]	ND(0.73)	NA	ND(0.73) J	ND(0.90) J	NA	ND(0.72) J
Benzo(a)anthracene	0.39 J [1.5 J]	1.1	NA	ND(0.36)	2.3	NA	0.99
Benzo(a)pyrene	0.49 J [2.1 J]	0.96	NA	ND(0.36)	2.0	NA	0.86
Benzo(b)fluoranthene	0.38 J [1.8 J]	1.0	NA	ND(0.36)	1.7	NA	0.69
Benzo(g,h,i)perylene	0.48 J [1.7 J]	0.71	NA	ND(0.36)	1.6	NA	0.72
Benzo(k)fluoranthene	0.46 J [2.2 J]	0.76	NA	ND(0.36)	1.8	NA	0.85
Benzyl Alcohol	ND(0.78) [ND(0.77)]	ND(0.73)	NA	ND(0.73)	ND(0.90)	NA	ND(0.72)
bis(2-Chloroethoxy)methane	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
bis(2-Chloroethyl)ether	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
bis(2-Chloroisopropyl)ether	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
bis(2-Ethylhexyl)phthalate	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.44)	NA	ND(0.36)
Butylbenzylphthalate	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
Chrysene	0.45 J [1.3 J]	1.1	NA	ND(0.36)	2.4	NA	1.1
Diallate	ND(0.78) [ND(0.77)]	ND(0.73)	NA	ND(0.73)	ND(0.90)	NA	ND(0.72)
Dibenzo(a,h)anthracene	ND(0.39) [0.42]	0.29 J	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
Dibenzofuran	ND(0.39) [ND(0.38)]	0.12 J	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
Diethylphthalate	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
Dimethylphthalate	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
Di-n-Butylphthalate	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
Di-n-Octylphthalate	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
Diphenylamine	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
Ethyl Methanesulfonate	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
Fluoranthene	0.69 J [3.0 J]	2.4	NA	ND(0.36)	2.7	NA	1.4

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-S14 0-1 08/06/02	RAA12-S14 3-6 08/06/02	RAA12-S14 4-6 08/06/02	RAA12-T4 0-1 08/23/02	RAA12-T4 3-6 08/23/02	RAA12-T4 4-6 08/23/02	RAA12-T6 0-1 08/23/02
Semivolatile Organics (continued)							
Fluorene	ND(0.39) [ND(0.38)]	0.21 J	NA	ND(0.36)	0.47	NA	ND(0.36)
Hexachlorobenzene	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
Hexachlorobutadiene	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
Hexachlorocyclopentadiene	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
Hexachloroethane	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
Hexachlorophene	ND(0.78) [ND(0.77)]	ND(0.73)	NA	ND(0.73)	ND(0.90)	NA	ND(0.72)
Hexachloropropene	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
Indeno(1,2,3-cd)pyrene	0.27 J [1.3 J]	0.63	NA	ND(0.36)	1.3	NA	0.52
Isodrin	ND(0.39) J [ND(0.38) J]	ND(0.36) J	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
Isophorone	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
Isosafrole	ND(0.78) [ND(0.77)]	ND(0.73)	NA	ND(0.73)	ND(0.90)	NA	ND(0.72)
Methapyrilene	ND(0.78) J [ND(0.77) J]	ND(0.73) J	NA	ND(0.73) J	ND(0.90) J	NA	ND(0.72) J
Methyl Methanesulfonate	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36) J	ND(0.45) J	NA	ND(0.36) J
Naphthalene	ND(0.39) [0.091 J]	ND(0.36)	NA	ND(0.36)	0.62	NA	0.11 J
Nitrobenzene	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
N-Nitrosodiethylamine	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
N-Nitrosodimethylamine	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
N-Nitroso-di-n-butylamine	ND(0.78) J [ND(0.77) J]	ND(0.73) J	NA	ND(0.73)	ND(0.90)	NA	ND(0.72)
N-Nitroso-di-n-propylamine	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
N-Nitrosodiphenylamine	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
N-Nitrosomethylethylamine	ND(0.78) [ND(0.77)]	ND(0.73)	NA	ND(0.73)	ND(0.90)	NA	ND(0.72)
N-Nitrosomorpholine	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
N-Nitrosopiperidine	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
N-Nitrosopyrrolidine	ND(0.78) [ND(0.77)]	ND(0.73)	NA	ND(0.73)	ND(0.90)	NA	ND(0.72)
o,o,o-Triethylphosphorothioate	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
o-Toluidine	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
p-Dimethylaminoazobenzene	ND(0.78) J [ND(0.77) J]	ND(0.73) J	NA	ND(0.73)	ND(0.90)	NA	ND(0.72)
Pentachlorobenzene	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
Pentachloroethane	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
Pentachloronitrobenzene	ND(0.78) [ND(0.77)]	ND(0.73)	NA	ND(0.73)	ND(0.90)	NA	ND(0.72)
Pentachlorophenol	ND(2.0) [ND(1.9)]	ND(1.8)	NA	ND(1.8)	ND(2.3)	NA	ND(1.8)
Phenacetin	ND(0.78) J [ND(0.77) J]	ND(0.73) J	NA	ND(0.73)	ND(0.90)	NA	ND(0.72)
Phenanthrene	0.31 J [1.3 J]	1.6	NA	ND(0.36)	3.1	NA	1.0
Phenol	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
Pronamide	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
Pyrene	0.71 J [3.3 J]	1.9	NA	ND(0.36)	5.0	NA	2.3
Pyridine	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
Safrole	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
Thionazin	ND(0.39) [ND(0.38)]	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
Organochlorine Pesticides							
4,4'-DDD	NA	ND(0.11)	NA	NA	NA	NA	NA
4,4'-DDE	NA	ND(0.11)	NA	NA	NA	NA	NA
4,4'-DDT	NA	ND(0.11)	NA	NA	NA	NA	NA
Aldrin	NA	ND(0.054)	NA	NA	NA	NA	NA
Alpha-BHC	NA	ND(0.054)	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	ND(0.054)	NA	NA	NA	NA	NA
Beta-BHC	NA	ND(0.054)	NA	NA	NA	NA	NA
Delta-BHC	NA	ND(0.054)	NA	NA	NA	NA	NA
Dieldrin	NA	ND(0.11)	NA	NA	NA	NA	NA
Endosulfan I	NA	ND(0.11)	NA	NA	NA	NA	NA
Endosulfan II	NA	ND(0.11)	NA	NA	NA	NA	NA
Endosulfan Sulfate	NA	ND(0.11)	NA	NA	NA	NA	NA
Endrin	NA	ND(0.11)	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	ND(0.11)	NA	NA	NA	NA	NA
Endrin Ketone	NA	ND(0.11)	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	ND(0.054)	NA	NA	NA	NA	NA
Gamma-Chlordane	NA	ND(0.054)	NA	NA	NA	NA	NA
Heptachlor	NA	ND(0.054)	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	ND(0.054)	NA	NA	NA	NA	NA
Kepone	NA	ND(0.36)	NA	NA	NA	NA	NA
Methoxychlor	NA	ND(0.54)	NA	NA	NA	NA	NA
Technical Chlordane	NA	ND(0.90)	NA	NA	NA	NA	NA
Toxaphene	NA	ND(0.90)	NA	NA	NA	NA	NA

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

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

Sample ID:	RAA12-S14	RAA12-S14	RAA12-S14	RAA12-T4	RAA12-T4	RAA12-T4	RAA12-T6
Sample Depth(Feet):	0-1	3-6	4-6	0-1	3-6	4-6	0-1
Parameter Date Collected:	08/06/02	08/06/02	08/06/02	08/23/02	08/23/02	08/23/02	08/23/02
Organophosphate Pesticides							
Dimethoate	NA	ND(1.8)	NA	NA	NA	NA	NA
Disulfoton	NA	ND(0.73)	NA	NA	NA	NA	NA
Ethyl Parathion	NA	ND(0.73)	NA	NA	NA	NA	NA
Famphur	NA	ND(0.36)	NA	NA	NA	NA	NA
Methyl Parathion	NA	ND(0.73)	NA	NA	NA	NA	NA
Phorate	NA	ND(0.73)	NA	NA	NA	NA	NA
Sulfotep	NA	ND(0.73)	NA	NA	NA	NA	NA
Herbicides							
2,4,5-T	NA	ND(0.35)	NA	NA	NA	NA	NA
2,4,5-TP	NA	ND(0.35)	NA	NA	NA	NA	NA
2,4-D	NA	ND(0.80)	NA	NA	NA	NA	NA
Dinoseb	NA	ND(0.36)	NA	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF	0.000048 Y [0.000035 Y]	0.000090 Y	NA	0.0000022 YQ	ND(0.0000017)	NA	0.000013 Y
TCDFs (total)	0.00041 [0.00034]	0.0013	NA	0.000021	ND(0.0000017)	NA	0.000098
1,2,3,7,8-PeCDF	0.000024 J [0.000024]	0.000080	NA	ND(0.00000082) X	0.0000010 J	NA	0.0000053 J
2,3,4,7,8-PeCDF	0.000041 [0.000038]	0.00030	NA	0.0000025 J	0.0000013 J	NA	0.000013 J
PeCDFs (total)	0.00036 [0.00027 Q]	0.0022	NA	0.000024	0.0000078	NA	0.00012 Q
1,2,3,4,7,8-HxCDF	0.00011 [0.00013]	0.00099 J	NA	0.00000086 J	0.0000015 J	NA	0.000010 J
1,2,3,6,7,8-HxCDF	0.000050 [0.000054]	0.00051	NA	0.00000078 J	0.0000012 J	NA	0.0000077 J
1,2,3,7,8,9-HxCDF	0.000015 J [0.000014]	0.00012	NA	0.00000019 J	ND(0.0000028)	NA	0.0000022 J
2,3,4,6,7,8-HxCDF	0.000031 [0.000034]	0.00030	NA	0.0000013 J	0.00000075 J	NA	0.0000078 J
HxCDFs (total)	0.00044 [0.00052]	0.0042	NA	0.000014	0.0000063	NA	0.00010
1,2,3,4,6,7,8-HpCDF	0.00016 [0.00021]	0.0020 J	NA	0.0000029	0.0000026 J	NA	0.000016 J
1,2,3,4,7,8,9-HpCDF	0.000056 [0.000075]	0.00024	NA	0.00000029 J	ND(0.0000028)	NA	0.0000029 J
HpCDFs (total)	0.00036 [0.00046]	0.0028	NA	0.0000061	0.0000026	NA	0.000029
OCDF	0.00065 [0.00087]	0.00073	NA	0.0000040 J	0.0000021 J	NA	0.000011 J
Dioxins							
2,3,7,8-TCDD	ND(0.0000064) [0.00000028 J]	ND(0.0000032)	NA	ND(0.00000024)	ND(0.0000018)	NA	ND(0.0000014)
TCDDs (total)	0.000016 [0.000018]	0.000011	NA	0.00000017	ND(0.0000029)	NA	ND(0.0000031)
1,2,3,7,8-PeCDD	ND(0.0000026) X [0.0000014 J]	ND(0.0000048) X	NA	ND(0.00000021) X	ND(0.0000028)	NA	ND(0.0000023)
PeCDDs (total)	0.000014 [0.000017 Q]	0.000021	NA	0.0000011	ND(0.0000048)	NA	0.0000015
1,2,3,4,7,8-HxCDD	ND(0.0000075) [0.0000018 J]	0.0000061 J	NA	ND(0.00000027)	ND(0.0000028)	NA	ND(0.0000024)
1,2,3,6,7,8-HxCDD	ND(0.0000067) [0.0000027 J]	0.000012 J	NA	0.00000044 J	ND(0.0000028)	NA	ND(0.0000023)
1,2,3,7,8,9-HxCDD	ND(0.0000068) [0.0000019 J]	0.0000052 J	NA	ND(0.00000027) X	ND(0.0000028)	NA	ND(0.0000023)
HxCDDs (total)	ND(0.0000070) [0.000031]	0.00013	NA	0.0000020	ND(0.0000096)	NA	ND(0.0000023)
1,2,3,4,6,7,8-HpCDD	0.000030 [0.000021]	0.00020	NA	0.0000043	0.0000019 J	NA	0.0000056 J
HpCDDs (total)	0.000061 [0.000043]	0.00037	NA	0.0000080	0.0000019	NA	0.000010
OCDD	0.00020 [0.00014]	0.00091	NA	0.000027	ND(0.0000083)	NA	ND(0.000031)
Total TEQs (WHO TEFs)	0.000055 [0.000052]	0.00039	NA	0.0000022	0.0000040	NA	0.000013
Inorganics							
Antimony	7.10 [5.10 B]	16.0	NA	2.00 B	2.60 B	NA	1.80 B
Arsenic	20.0 J [11.0 J]	6.70 J	NA	3.40	8.90	NA	6.60
Barium	290 [190]	66.0	NA	21.0	330	NA	120
Beryllium	0.260 B [0.360 B]	0.230 B	NA	0.150 B	0.300 B	NA	0.270 B
Cadmium	3.50 J [1.50 J]	1.40 J	NA	0.360 B	0.580	NA	0.630
Chromium	110 J [12.0 J]	13.0 J	NA	5.70	9.10	NA	8.80
Cobalt	9.20 [5.60]	8.60	NA	4.50 B	7.60	NA	7.20
Copper	150 [110]	1000	NA	12.0	95.0	NA	41.0
Cyanide	0.160 J [0.150 J]	0.150 J	NA	ND(0.220)	0.0970 B	NA	ND(0.220)
Lead	1600 J [350 J]	260 J	NA	31.0	220	NA	530
Mercury	0.870 [0.570]	0.310	NA	0.0500 B	0.230	NA	0.210
Nickel	14.0 [12.0]	19.0	NA	7.50	14.0	NA	14.0
Selenium	0.540 B [0.600 B]	ND(1.00)	NA	ND(1.00)	1.40	NA	0.630 B
Silver	0.630 B [0.390 B]	ND(1.00)	NA	ND(1.00)	ND(1.00)	NA	ND(1.00)
Sulfide	28.0 [35.0]	75.0	NA	17.0	200	NA	24.0
Thallium	ND(1.80) J [ND(1.70) J]	ND(1.60) J	NA	ND(1.10)	ND(1.30)	NA	ND(1.10)
Tin	170 J [49.0 J]	74.0 J	NA	ND(10.0)	40.0	NA	22.0
Vanadium	10.0 [13.0]	11.0	NA	4.60 B	13.0	NA	9.60
Zinc	1300 J [380 J]	350 J	NA	42.0	180	NA	110

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-T6 1-3 08/23/02	RAA12-T6 5-8 08/23/02	RAA12-T6 6-10 08/23/02	RAA12-T9 0-1 09/10/02	RAA12-T9 3-6 09/10/02	RAA12-T9 4-6 09/10/02	RAA12-T9 10-12 09/10/02
Volatile Organics							
1,1,1,2-Tetrachloroethane	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	R	ND(0.0079) [ND(0.0076)]
1,1,1-Trichloroethane	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	ND(0.0060) J	ND(0.0079) [ND(0.0076)]
1,1,2,2-Tetrachloroethane	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	ND(0.0060) J	ND(0.0079) [ND(0.0076)]
1,1,2-Trichloroethane	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	R	ND(0.0079) [ND(0.0076)]
1,1-Dichloroethane	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	ND(0.0060) J	ND(0.0079) [ND(0.0076)]
1,1-Dichloroethene	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	ND(0.0060) J	ND(0.0079) [ND(0.0076)]
1,2,3-Trichloropropane	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	ND(0.0060) J	ND(0.0079) [ND(0.0076)]
1,2-Dibromo-3-chloropropane	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	ND(0.0060) J	ND(0.0079) [ND(0.0076)]
1,2-Dibromoethane	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	R	ND(0.0079) [ND(0.0076)]
1,2-Dichloroethane	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	ND(0.0060) J	ND(0.0079) [ND(0.0076)]
1,2-Dichloropropane	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	ND(0.0060) J	ND(0.0079) [ND(0.0076)]
1,4-Dioxane	ND(0.11) J	ND(0.12) J	NA	ND(0.10) J	NA	ND(0.12) J	ND(0.16) J [ND(0.15) J]
2-Butanone	ND(0.011)	ND(0.012)	NA	ND(0.010)	NA	ND(0.012) J	ND(0.016) [ND(0.015)]
2-Chloro-1,3-butadiene	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	ND(0.0060) J	ND(0.0079) [ND(0.0076)]
2-Chloroethylvinylether	ND(0.0056) J	ND(0.0060) J	NA	ND(0.0052) J	NA	ND(0.0060) J	ND(0.0079) J [ND(0.0076) J]
2-Hexanone	ND(0.011)	ND(0.012)	NA	ND(0.010)	NA	R	ND(0.016) [ND(0.015)]
3-Chloropropene	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	ND(0.0060) J	ND(0.0079) [ND(0.0076)]
4-Methyl-2-pentanone	ND(0.011)	ND(0.012)	NA	ND(0.010)	NA	ND(0.012) J	ND(0.016) [ND(0.015)]
Acetone	0.011 J	0.040	NA	ND(0.021)	NA	ND(0.024) J	ND(0.032) [0.025 J]
Acetonitrile	ND(0.11)	ND(0.12)	NA	ND(0.10) J	NA	ND(0.12) J	ND(0.16) J [ND(0.15) J]
Acrolein	ND(0.11) J	ND(0.12) J	NA	ND(0.10) J	NA	ND(0.12) J	ND(0.16) J [ND(0.15) J]
Acrylonitrile	ND(0.0056)	ND(0.0060)	NA	ND(0.0052) J	NA	ND(0.0060) J	ND(0.0079) J [ND(0.0076) J]
Benzene	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	ND(0.0060) J	ND(0.0079) [ND(0.0076)]
Bromodichloromethane	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	ND(0.0060) J	ND(0.0079) [ND(0.0076)]
Bromoform	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	R	ND(0.0079) [ND(0.0076)]
Bromomethane	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	ND(0.0060) J	ND(0.0079) [ND(0.0076)]
Carbon Disulfide	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	ND(0.0060) J	ND(0.0079) [ND(0.0076)]
Carbon Tetrachloride	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	ND(0.0060) J	ND(0.0079) [ND(0.0076)]
Chlorobenzene	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	R	ND(0.0079) [ND(0.0076)]
Chloroethane	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	ND(0.0060) J	ND(0.0079) [ND(0.0076)]
Chloroform	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	ND(0.0060) J	ND(0.0079) [ND(0.0076)]
Chloromethane	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	ND(0.0060) J	ND(0.0079) [ND(0.0076)]
cis-1,3-Dichloropropene	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	ND(0.0060) J	ND(0.0079) [ND(0.0076)]
Dibromochloromethane	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	R	ND(0.0079) [ND(0.0076)]
Dibromomethane	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	ND(0.0060) J	ND(0.0079) [ND(0.0076)]
Dichlorodifluoromethane	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	ND(0.0060) J	ND(0.0079) [ND(0.0076)]
Ethyl Methacrylate	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	R	ND(0.0079) [ND(0.0076)]
Ethylbenzene	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	R	ND(0.0079) [ND(0.0076)]
Iodomethane	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	ND(0.0060) J	ND(0.0079) [ND(0.0076)]
Isobutanol	ND(0.11)	ND(0.12)	NA	ND(0.10)	NA	ND(0.12) J	ND(0.16) [ND(0.15)]
Methacrylonitrile	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	ND(0.0060) J	ND(0.0079) [ND(0.0076)]
Methyl Methacrylate	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	ND(0.0060) J	ND(0.0079) [ND(0.0076)]
Methylene Chloride	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	ND(0.0060) J	ND(0.0079) [ND(0.0076)]
Propionitrile	ND(0.011)	ND(0.012)	NA	ND(0.010)	NA	ND(0.012) J	ND(0.016) [ND(0.015)]
Styrene	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	R	ND(0.0079) [ND(0.0076)]
Tetrachloroethene	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	R	ND(0.0079) [ND(0.0076)]
Toluene	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	R	ND(0.0079) [ND(0.0076)]
trans-1,2-Dichloroethene	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	ND(0.0060) J	ND(0.0079) [ND(0.0076)]
trans-1,3-Dichloropropene	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	R	ND(0.0079) [ND(0.0076)]
trans-1,4-Dichloro-2-butene	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	ND(0.0060) J	ND(0.0079) [ND(0.0076)]
Trichloroethene	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	ND(0.0060) J	ND(0.0079) [ND(0.0076)]
Trichlorofluoromethane	ND(0.0056) J	ND(0.0060) J	NA	ND(0.0052) J	NA	ND(0.0060) J	ND(0.0079) J [ND(0.0076) J]
Vinyl Acetate	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	ND(0.0060) J	ND(0.0079) [ND(0.0076)]
Vinyl Chloride	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	ND(0.0060) J	ND(0.0079) [ND(0.0076)]
Xylenes (total)	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	R	ND(0.0079) [ND(0.0076)]
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
1,2,4-Trichlorobenzene	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
1,2-Dichlorobenzene	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
1,2-Diphenylhydrazine	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
1,3,5-Trinitrobenzene	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
1,3-Dichlorobenzene	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
1,3-Dinitrobenzene	ND(0.74)	NA	ND(0.80)	ND(0.69)	R	NA	NA
1,4-Dichlorobenzene	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
1,4-Naphthoquinone	ND(0.74)	NA	ND(0.80)	ND(0.69)	R	NA	NA
1-Naphthylamine	ND(0.74)	NA	ND(0.80)	ND(0.69)	R	NA	NA
2,3,4,6-Tetrachlorophenol	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-T6 1-3 08/23/02	RAA12-T6 6-8 08/23/02	RAA12-T6 6-10 08/23/02	RAA12-T9 0-1 09/10/02	RAA12-T9 3-6 09/10/02	RAA12-T9 4-6 09/10/02	RAA12-T9 10-12 09/10/02
Semivolatile Organics (continued)							
2,4,5-Trichlorophenol	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
2,4,6-Trichlorophenol	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
2,4-Dichlorophenol	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
2,4-Dimethylphenol	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
2,4-Dinitrophenol	ND(1.9)	NA	ND(2.0)	ND(1.8)	R	NA	NA
2,4-Dinitrotoluene	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
2,6-Dichlorophenol	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
2,6-Dinitrotoluene	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
2-Acetylaminofluorene	ND(0.74)	NA	ND(0.80)	ND(0.69)	R	NA	NA
2-Chloronaphthalene	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
2-Chlorophenol	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
2-Methylnaphthalene	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
2-Methylphenol	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
2-Naphthylamine	ND(0.74)	NA	ND(0.80)	ND(0.69)	R	NA	NA
2-Nitroaniline	ND(1.9)	NA	ND(2.0)	ND(1.8)	R	NA	NA
2-Nitrophenol	ND(0.74)	NA	ND(0.80)	ND(0.69)	R	NA	NA
2-Picoline	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
3&4-Methylphenol	ND(0.74)	NA	ND(0.80)	ND(0.69)	R	NA	NA
3,3'-Dichlorobenzidine	ND(0.74) J	NA	ND(0.80) J	ND(0.69) J	R	NA	NA
3,3'-Dimethylbenzidine	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
3-Methylcholanthrene	ND(0.74)	NA	ND(0.80)	ND(0.69)	R	NA	NA
3-Nitroaniline	ND(1.9)	NA	ND(2.0)	ND(1.8)	R	NA	NA
4,6-Dinitro-2-methylphenol	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
4-Aminobiphenyl	ND(0.74)	NA	ND(0.80)	ND(0.69) J	R	NA	NA
4-Bromophenyl-phenylether	ND(0.37) J	NA	ND(0.40) J	ND(0.34) J	R	NA	NA
4-Chloro-3-Methylphenol	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
4-Chloroaniline	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
4-Chlorobenzilate	ND(0.74)	NA	ND(0.80)	ND(0.69)	R	NA	NA
4-Chlorophenyl-phenylether	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
4-Nitroaniline	ND(1.9)	NA	ND(2.0)	ND(1.8)	R	NA	NA
4-Nitrophenol	ND(1.9)	NA	ND(2.0)	ND(1.8)	R	NA	NA
4-Nitroquinoline-1-oxide	ND(0.74)	NA	ND(0.80)	ND(0.69) J	R	NA	NA
4-Phenylenediamine	ND(0.74) J	NA	ND(0.80) J	ND(0.69) J	R	NA	NA
5-Nitro-o-toluidine	ND(0.74)	NA	ND(0.80)	ND(0.69)	R	NA	NA
7,12-Dimethylbenz(a)anthracene	ND(0.74)	NA	ND(0.80)	ND(0.69)	R	NA	NA
a,a'-Dimethylphenethylamine	ND(0.74) J	NA	ND(0.80) J	ND(0.69)	R	NA	NA
Acenaphthene	0.18 J	NA	ND(0.40)	ND(0.34)	R	NA	NA
Acenaphthylene	0.23 J	NA	ND(0.40)	ND(0.34)	R	NA	NA
Acetophenone	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
Aniline	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
Anthracene	0.91	NA	ND(0.40)	ND(0.34)	0.29 J	NA	NA
Aramite	ND(0.74) J	NA	ND(0.80) J	ND(0.69) J	R	NA	NA
Benzidine	ND(0.74) J	NA	ND(0.80) J	ND(0.69)	R	NA	NA
Benzo(a)anthracene	2.4	NA	ND(0.40)	ND(0.34)	0.68 J	NA	NA
Benzo(a)pyrene	1.7	NA	ND(0.40)	ND(0.34)	0.64 J	NA	NA
Benzo(b)fluoranthene	1.6	NA	ND(0.40)	ND(0.34)	0.57 J	NA	NA
Benzo(g,h,i)perylene	1.3	NA	ND(0.40)	ND(0.34)	0.55 J	NA	NA
Benzo(k)fluoranthene	1.7	NA	ND(0.40)	ND(0.34)	0.64 J	NA	NA
Benzyl Alcohol	ND(0.74)	NA	ND(0.80)	ND(0.69)	R	NA	NA
bis(2-Chloroethoxy)methane	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
bis(2-Chloroethyl)ether	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
bis(2-Chloroisopropyl)ether	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
bis(2-Ethylhexyl)phthalate	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
Butylbenzylphthalate	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
Chrysene	2.4	NA	ND(0.40)	ND(0.34)	0.97 J	NA	NA
Diallate	ND(0.74)	NA	ND(0.80)	ND(0.69)	R	NA	NA
Dibenzo(a,h)anthracene	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
Dibenzofuran	0.17 J	NA	ND(0.40)	ND(0.34)	R	NA	NA
Diethylphthalate	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
Dimethylphthalate	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
Di-n-Butylphthalate	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
Di-n-Octylphthalate	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
Diphenylamine	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
Ethyl Methanesulfonate	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
Fluoranthene	3.5	NA	ND(0.40)	ND(0.34)	1.6	NA	NA

TABLE B-1
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(Results are presented in dry weight parts per million, ppm)

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Semivolatile Organics (continued)							
Fluorene	0.34 J	NA	ND(0.40)	ND(0.34)	R	NA	NA
Hexachlorobenzene	ND(0.37)	NA	ND(0.40)	ND(0.34) J	R	NA	NA
Hexachlorobutadiene	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
Hexachlorocyclopentadiene	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
Hexachloroethane	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
Hexachlorophene	ND(0.74)	NA	ND(0.80)	ND(0.69)	R	NA	NA
Hexachloropropene	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
Indeno(1,2,3-cd)pyrene	1.2	NA	ND(0.40)	ND(0.34)	0.33 J	NA	NA
Isodrin	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
Isophorone	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
Isosafrole	ND(0.74)	NA	ND(0.80)	ND(0.69)	R	NA	NA
Methapyrilene	ND(0.74) J	NA	ND(0.80) J	ND(0.69) J	R	NA	NA
Methyl Methanesulfonate	ND(0.37) J	NA	ND(0.40) J	ND(0.34) J	R	NA	NA
Naphthalene	0.46	NA	ND(0.40)	ND(0.34)	R	NA	NA
Nitrobenzene	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
N-Nitrosodiethylamine	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
N-Nitrosodimethylamine	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
N-Nitroso-di-n-butylamine	ND(0.74)	NA	ND(0.80)	ND(0.69)	R	NA	NA
N-Nitroso-di-n-propylamine	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
N-Nitrosodiphenylamine	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
N-Nitrosomethylethylamine	ND(0.74)	NA	ND(0.80)	ND(0.69)	R	NA	NA
N-Nitrosomorpholine	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
N-Nitrosopiperidine	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
N-Nitrosopyrrolidine	ND(0.74)	NA	ND(0.80)	ND(0.69) J	R	NA	NA
o,o,o-Triethylphosphorothioate	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
o-Toluidine	ND(0.37)	NA	ND(0.40)	ND(0.34) J	R	NA	NA
p-Dimethylaminoazobenzene	ND(0.74)	NA	ND(0.80)	ND(0.69)	R	NA	NA
Pentachlorobenzene	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
Pentachloroethane	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
Pentachloronitrobenzene	ND(0.74)	NA	ND(0.80)	ND(0.69)	R	NA	NA
Pentachlorophenol	ND(1.9)	NA	ND(2.0)	ND(1.8)	R	NA	NA
Phenacetin	ND(0.74)	NA	ND(0.80)	ND(0.69)	R	NA	NA
Phenanthrene	3.0	NA	ND(0.40)	ND(0.34)	0.59 J	NA	NA
Phenol	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
Pronamide	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
Pyrene	6.2	NA	ND(0.40)	ND(0.34)	1.6 J	NA	NA
Pyridine	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
Safrole	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA	NA
Thionazin	ND(0.37)	NA	ND(0.40)	ND(0.34) J	R	NA	NA
Organochlorine Pesticides							
4,4'-DDD	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA	NA	NA
Alpha-BHC	NA	NA	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	NA	NA	NA	NA	NA	NA	NA
Endrin	NA	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA	NA	NA	NA
Endrin Ketone	NA	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	NA	NA	NA	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA	NA	NA
Kepone	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA	NA	NA	NA

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Organophosphate Pesticides							
Dimethoate	NA	NA	NA	NA	NA	NA	NA
Disulfoton	NA	NA	NA	NA	NA	NA	NA
Ethyl Parathion	NA	NA	NA	NA	NA	NA	NA
Famphur	NA	NA	NA	NA	NA	NA	NA
Methyl Parathion	NA	NA	NA	NA	NA	NA	NA
Phorate	NA	NA	NA	NA	NA	NA	NA
Sulfotep	NA	NA	NA	NA	NA	NA	NA
Herbicides							
2,4,5-T	NA	NA	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA	NA	NA	NA
Dinoseb	NA	NA	NA	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF	0.0000019 J	NA	ND(0.0000012)	0.0000029 Y	0.00044 Y	NA	NA
TCDFs (total)	0.0000019	NA	ND(0.0000012)	0.000036	0.0037	NA	NA
1,2,3,7,8-PeCDF	0.0000019 J	NA	ND(0.0000025)	0.0000015 J	0.00015	NA	NA
2,3,4,7,8-PeCDF	ND(0.0000022) X	NA	ND(0.0000025)	0.0000074	0.00027	NA	NA
PeCDFs (total)	0.0000090 Q	NA	ND(0.0000025)	0.00011 Q	0.0035	NA	NA
1,2,3,4,7,8-HxCDF	ND(0.0000012) X	NA	ND(0.0000025)	0.0000057	0.00027	NA	NA
1,2,3,6,7,8-HxCDF	0.0000013 J	NA	ND(0.0000025)	0.0000050	0.00015	NA	NA
1,2,3,7,8,9-HxCDF	ND(0.0000028)	NA	ND(0.0000025)	0.0000018 J	0.000055	NA	NA
2,3,4,6,7,8-HxCDF	0.0000012 J	NA	ND(0.0000025)	0.000019	0.00035	NA	NA
HxCDFs (total)	0.0000025	NA	ND(0.0000025)	0.00023	0.0054	NA	NA
1,2,3,4,6,7,8-HpCDF	0.0000029 J	NA	ND(0.0000025)	0.000023	0.00082	NA	NA
1,2,3,4,7,8,9-HpCDF	ND(0.0000028)	NA	ND(0.0000025)	0.0000032	0.000075	NA	NA
HpCDFs (total)	0.0000029	NA	ND(0.0000025)	0.000062	0.0017	NA	NA
OCDF	0.0000036 J	NA	ND(0.0000051)	0.0000096	0.00036	NA	NA
Dioxins							
2,3,7,8-TCDD	ND(0.0000023)	NA	ND(0.0000018)	ND(0.00000022) X	ND(0.0000061) X	NA	NA
TCDDs (total)	ND(0.0000023)	NA	ND(0.0000038)	0.0000011	0.000036	NA	NA
1,2,3,7,8-PeCDD	ND(0.0000028)	NA	ND(0.0000025)	0.00000086 J	0.000022 J	NA	NA
PeCDDs (total)	ND(0.0000051) Q	NA	ND(0.0000042)	0.0000054	0.00015 Q	NA	NA
1,2,3,4,7,8-HxCDD	ND(0.0000028)	NA	ND(0.0000025)	0.0000013 J	0.000020 J	NA	NA
1,2,3,6,7,8-HxCDD	ND(0.0000028)	NA	ND(0.0000025)	0.0000014 J	0.000041	NA	NA
1,2,3,7,8,9-HxCDD	ND(0.0000028)	NA	ND(0.0000025)	0.0000011 J	0.000026 J	NA	NA
HxCDDs (total)	ND(0.0000028)	NA	ND(0.0000058)	0.000020	0.00043	NA	NA
1,2,3,4,6,7,8-HpCDD	0.0000038 J	NA	ND(0.0000014) X	0.000011	0.00012	NA	NA
HpCDDs (total)	0.0000063	NA	ND(0.0000025)	0.000024	0.00026	NA	NA
OCDD	ND(0.000017)	NA	ND(0.0000068)	0.000058	0.00041	NA	NA
Total TEQs (WHO TEFs)	0.0000043	NA	0.0000038	0.0000089	0.00031	NA	NA
Inorganics							
Antimony	1.80 B	NA	ND(6.00)	1.70 B	15.0	NA	NA
Arsenic	7.10	NA	1.70	2.80	20.0	NA	NA
Barium	97.0	NA	27.0	23.0	130	NA	NA
Beryllium	0.280 B	NA	0.310 B	0.320 B	0.390 B	NA	NA
Cadmium	0.500 B	NA	0.330 B	0.410 B	1.20	NA	NA
Chromium	31.0	NA	9.30	6.70	16.0	NA	NA
Cobalt	5.50	NA	9.00	6.20	6.60	NA	NA
Copper	41.0	NA	14.0	18.0	140	NA	NA
Cyanide	0.130	NA	ND(0.120)	ND(0.520)	0.840	NA	NA
Lead	780	NA	8.60	11.0	270	NA	NA
Mercury	0.210	NA	0.0260 B	0.130 J	0.400 J	NA	NA
Nickel	15.0	NA	15.0	12.0	15.0	NA	NA
Selenium	1.10	NA	ND(1.00)	ND(1.00) J	0.680 J	NA	NA
Silver	ND(1.00)	NA	ND(1.00)	ND(1.00)	0.470 B	NA	NA
Sulfide	210	NA	82.0	18.0	71.0	NA	NA
Thallium	ND(1.10)	NA	ND(1.20)	ND(1.00) J	ND(1.20) J	NA	NA
Tin	45.0	NA	ND(10.0)	ND(10.0)	54.0	NA	NA
Vanadium	9.20	NA	8.70	8.00	13.0	NA	NA
Zinc	100	NA	44.0	39.0 J	340 J	NA	NA

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-T9 10-15 09/10/02	RAA12-T11 1-3 09/10/02	RAA12-T11 6-10 09/10/02	RAA12-T11 7-9 09/10/02	RAA12-U2 0-1 08/22/02	RAA12-U3 0-1 08/26/02	RAA12-U3 3-4 08/26/02
Volatile Organics							
1,1,1,2-Tetrachloroethane	NA	ND(0.0053)	NA	ND(0.0073)	ND(0.0051)	ND(0.0052)	ND(0.0065)
1,1,1-Trichloroethane	NA	ND(0.0053)	NA	ND(0.0073)	ND(0.0051)	ND(0.0052)	ND(0.0065)
1,1,2,2-Tetrachloroethane	NA	ND(0.0053)	NA	ND(0.0073)	ND(0.0051)	ND(0.0052)	ND(0.0065)
1,1,2-Trichloroethane	NA	ND(0.0053)	NA	ND(0.0073)	ND(0.0051)	ND(0.0052)	ND(0.0065)
1,1-Dichloroethane	NA	ND(0.0053)	NA	ND(0.0073)	ND(0.0051)	ND(0.0052)	ND(0.0065)
1,1-Dichloroethene	NA	ND(0.0053)	NA	ND(0.0073)	ND(0.0051)	ND(0.0052)	ND(0.0065)
1,2,3-Trichloropropane	NA	ND(0.0053)	NA	ND(0.0073)	ND(0.0051)	ND(0.0052)	ND(0.0065)
1,2-Dibromo-3-chloropropane	NA	ND(0.0053)	NA	ND(0.0073)	ND(0.0051)	ND(0.0052)	ND(0.0065)
1,2-Dibromoethane	NA	ND(0.0053)	NA	ND(0.0073)	ND(0.0051)	ND(0.0052)	ND(0.0065)
1,2-Dichloroethane	NA	ND(0.0053)	NA	ND(0.0073)	ND(0.0051)	ND(0.0052)	ND(0.0065)
1,2-Dichloropropane	NA	ND(0.0053)	NA	ND(0.0073)	ND(0.0051)	ND(0.0052)	ND(0.0065)
1,4-Dioxane	NA	ND(0.10) J	NA	ND(0.14) J	ND(0.10) J	ND(0.10) J	ND(0.13) J
2-Butanone	NA	ND(0.010)	NA	ND(0.014)	ND(0.010)	ND(0.010)	ND(0.013)
2-Chloro-1,3-butadiene	NA	ND(0.0053)	NA	ND(0.0073)	ND(0.0051)	ND(0.0052)	ND(0.0065)
2-Chloroethylvinylether	NA	ND(0.0053) J	NA	ND(0.0073) J	ND(0.0051)	ND(0.0052) J	ND(0.0065) J
2-Hexanone	NA	ND(0.010)	NA	ND(0.014)	ND(0.010)	ND(0.010)	ND(0.013)
3-Chloropropene	NA	ND(0.0053)	NA	ND(0.0073)	ND(0.0051)	ND(0.0052)	ND(0.0065)
4-Methyl-2-pentanone	NA	ND(0.010)	NA	ND(0.014)	ND(0.010)	ND(0.010)	ND(0.013)
Acetone	NA	ND(0.021)	NA	ND(0.029)	ND(0.020)	ND(0.021)	ND(0.026)
Acetonitrile	NA	ND(0.10) J	NA	ND(0.14) J	ND(0.10)	ND(0.10)	ND(0.13)
Acroiein	NA	ND(0.10) J	NA	ND(0.14) J	ND(0.10) J	ND(0.10) J	ND(0.13) J
Acrylonitrile	NA	ND(0.0053) J	NA	ND(0.0073) J	ND(0.0051)	ND(0.0052)	ND(0.0065)
Benzene	NA	ND(0.0053)	NA	ND(0.0073)	ND(0.0051)	ND(0.0052)	ND(0.0065)
Bromodichloromethane	NA	ND(0.0053)	NA	ND(0.0073)	ND(0.0051)	ND(0.0052)	ND(0.0065)
Bromoform	NA	ND(0.0053)	NA	ND(0.0073)	ND(0.0051)	ND(0.0052)	ND(0.0065)
Bromomethane	NA	ND(0.0053)	NA	ND(0.0073)	ND(0.0051)	ND(0.0052)	ND(0.0065)
Carbon Disulfide	NA	ND(0.0053)	NA	ND(0.0073)	ND(0.0051)	ND(0.0052)	ND(0.0065)
Carbon Tetrachloride	NA	ND(0.0053)	NA	ND(0.0073)	ND(0.0051)	ND(0.0052)	ND(0.0065)
Chlorobenzene	NA	ND(0.0053)	NA	ND(0.0073)	ND(0.0051)	ND(0.0052)	ND(0.0065)
Chloroethane	NA	ND(0.0053)	NA	ND(0.0073)	ND(0.0051)	ND(0.0052)	ND(0.0065)
Chloroform	NA	ND(0.0053)	NA	ND(0.0073)	ND(0.0051)	ND(0.0052)	ND(0.0065)
Chloromethane	NA	ND(0.0053)	NA	ND(0.0073)	ND(0.0051)	ND(0.0052)	ND(0.0065)
cis-1,3-Dichloropropene	NA	ND(0.0053)	NA	ND(0.0073)	ND(0.0051)	ND(0.0052)	ND(0.0065)
Dibromochloromethane	NA	ND(0.0053)	NA	ND(0.0073)	ND(0.0051)	ND(0.0052)	ND(0.0065)
Dibromomethane	NA	ND(0.0053)	NA	ND(0.0073)	ND(0.0051)	ND(0.0052)	ND(0.0065)
Dichlorodifluoromethane	NA	ND(0.0053)	NA	ND(0.0073)	ND(0.0051)	ND(0.0052)	ND(0.0065)
Ethyl Methacrylate	NA	ND(0.0053)	NA	ND(0.0073)	ND(0.0051)	ND(0.0052)	ND(0.0065)
Ethylbenzene	NA	ND(0.0053)	NA	ND(0.0073)	ND(0.0051)	ND(0.0052)	ND(0.0065)
Iodomethane	NA	ND(0.0053)	NA	ND(0.0073)	ND(0.0051)	ND(0.0052)	ND(0.0065)
Isobutanol	NA	ND(0.10)	NA	ND(0.14)	ND(0.10)	ND(0.10)	ND(0.13)
Methacrylonitrile	NA	ND(0.0053)	NA	ND(0.0073)	ND(0.0051)	ND(0.0052)	ND(0.0065)
Methyl Methacrylate	NA	ND(0.0053)	NA	ND(0.0073)	ND(0.0051)	ND(0.0052)	ND(0.0065)
Methylene Chloride	NA	ND(0.0053)	NA	ND(0.0073)	ND(0.0051)	ND(0.0052)	ND(0.0065)
Propionitrile	NA	ND(0.010)	NA	ND(0.014)	ND(0.010) J	ND(0.010)	ND(0.013)
Styrene	NA	ND(0.0053)	NA	ND(0.0073)	ND(0.0051)	ND(0.0052)	ND(0.0065)
Tetrachloroethene	NA	ND(0.0053)	NA	ND(0.0073)	ND(0.0051)	ND(0.0052)	ND(0.0065)
Toluene	NA	ND(0.0053)	NA	ND(0.0073)	ND(0.0051)	ND(0.0052)	ND(0.0065)
trans-1,2-Dichloroethene	NA	ND(0.0053)	NA	ND(0.0073)	ND(0.0051)	ND(0.0052)	ND(0.0065)
trans-1,3-Dichloropropene	NA	ND(0.0053)	NA	ND(0.0073)	ND(0.0051)	ND(0.0052)	ND(0.0065)
trans-1,4-Dichloro-2-butene	NA	ND(0.0053)	NA	ND(0.0073)	ND(0.0051)	ND(0.0052)	ND(0.0065)
Trichloroethene	NA	ND(0.0053)	NA	ND(0.0073)	ND(0.0051)	ND(0.0052)	ND(0.0065)
Trichlorofluoromethane	NA	ND(0.0053) J	NA	ND(0.0073) J	ND(0.0051)	ND(0.0052) J	ND(0.0065) J
Vinyl Acetate	NA	ND(0.0053)	NA	ND(0.0073)	ND(0.0051)	ND(0.0052)	ND(0.0065)
Vinyl Chloride	NA	ND(0.0053)	NA	ND(0.0073)	ND(0.0051)	ND(0.0052)	ND(0.0065)
Xylenes (total)	NA	ND(0.0053)	NA	ND(0.0073)	ND(0.0051)	ND(0.0052)	ND(0.0065)
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
1,2,4-Trichlorobenzene	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34) J	ND(0.35)	NA
1,2-Dichlorobenzene	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
1,2-Diphenylhydrazine	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
1,3,5-Trinitrobenzene	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
1,3-Dichlorobenzene	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
1,3-Dinitrobenzene	ND(1.0) [ND(1.0)]	ND(0.71)	ND(0.97)	NA	ND(0.69)	ND(0.70)	NA
1,4-Dichlorobenzene	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
1,4-Naphthoquinone	ND(1.0) [ND(1.0)]	ND(0.71)	ND(0.97)	NA	ND(0.69)	ND(0.70)	NA
1-Naphthylamine	ND(1.0) [ND(1.0)]	ND(0.71)	ND(0.97)	NA	ND(0.69)	ND(0.70)	NA
2,3,4,6-Tetrachlorophenol	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-T9 10-15 09/10/02	RAA12-T11 1-3 09/10/02	RAA12-T11 6-10 09/10/02	RAA12-T11 7-9 09/10/02	RAA12-U2 0-1 08/22/02	RAA12-U3 0-1 08/26/02	RAA12-U3 3-4 08/26/02
Semivolatile Organics (continued)							
2,4,5-Trichlorophenol	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
2,4,6-Trichlorophenol	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
2,4-Dichlorophenol	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
2,4-Dimethylphenol	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
2,4-Dinitrophenol	ND(2.7) [ND(2.6)]	ND(1.8)	ND(2.5)	NA	ND(1.7)	ND(1.8)	NA
2,4-Dinitrotoluene	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
2,6-Dichlorophenol	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
2,6-Dinitrotoluene	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
2-Acetylaminofluorene	ND(1.0) [ND(1.0)]	ND(0.71)	ND(0.97)	NA	ND(0.69)	ND(0.70)	NA
2-Chloronaphthalene	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
2-Chlorophenol	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
2-Methylnaphthalene	ND(0.53) [ND(0.51)]	0.10 J	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
2-Methylphenol	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
2-Naphthylamine	ND(1.0) [ND(1.0)]	ND(0.71)	ND(0.97)	NA	ND(0.69)	ND(0.70)	NA
2-Nitroaniline	ND(2.7) [ND(2.6)]	ND(1.8)	ND(2.5)	NA	ND(1.7)	ND(1.8)	NA
2-Nitrophenol	ND(1.0) [ND(1.0)]	ND(0.71)	ND(0.97)	NA	ND(0.69)	ND(0.70)	NA
2-Picoline	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
3&4-Methylphenol	ND(1.0) [ND(1.0)]	ND(0.71)	ND(0.97)	NA	ND(0.69)	ND(0.70)	NA
3,3'-Dichlorobenzidine	ND(1.0) J [ND(1.0) J]	ND(0.71)	ND(0.97) J	NA	ND(0.69)	ND(0.70) J	NA
3,3'-Dimethylbenzidine	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
3-Methylcholanthrene	ND(1.0) [ND(1.0)]	ND(0.71)	ND(0.97)	NA	ND(0.69)	ND(0.70)	NA
3-Nitroaniline	ND(2.7) [ND(2.6)]	ND(1.8)	ND(2.5)	NA	ND(1.7)	ND(1.8)	NA
4,6-Dinitro-2-methylphenol	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
4-Aminobiphenyl	ND(1.0) J [ND(1.0) J]	ND(0.71) J	ND(0.97) J	NA	ND(0.69) J	ND(0.70)	NA
4-Bromophenyl-phenylether	ND(0.53) J [ND(0.51) J]	ND(0.35) J	ND(0.48) J	NA	ND(0.34)	ND(0.35) J	NA
4-Chloro-3-Methylphenol	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
4-Chloroaniline	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
4-Chlorobenzilate	ND(1.0) [ND(1.0)]	ND(0.71)	ND(0.97)	NA	ND(0.69)	ND(0.70)	NA
4-Chlorophenyl-phenylether	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
4-Nitroaniline	ND(2.7) [ND(2.6)]	ND(1.8)	ND(2.5)	NA	ND(1.7)	ND(1.8)	NA
4-Nitrophenol	ND(2.7) [ND(2.6)]	ND(1.8)	ND(2.5)	NA	ND(1.7) J	ND(1.8)	NA
4-Nitroquinoline-1-oxide	ND(1.0) J [ND(1.0) J]	ND(0.71) J	ND(0.97) J	NA	ND(0.69)	ND(0.70)	NA
4-Phenylenediamine	ND(1.0) J [ND(1.0) J]	ND(0.71) J	ND(0.97) J	NA	ND(0.69) J	ND(0.70) J	NA
5-Nitro-o-toluidine	ND(1.0) [ND(1.0)]	ND(0.71)	ND(0.97)	NA	ND(0.69)	ND(0.70)	NA
7,12-Dimethylbenz(a)anthracene	ND(1.0) [ND(1.0)]	ND(0.71)	ND(0.97)	NA	ND(0.69)	ND(0.70)	NA
a,a'-Dimethylphenethylamine	ND(1.0) [ND(1.0)]	ND(0.71)	ND(0.97)	NA	ND(0.69)	ND(0.70) J	NA
Acenaphthene	ND(0.53) [ND(0.51)]	0.13 J	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
Acenaphthylene	ND(0.53) [ND(0.51)]	0.72	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
Acetophenone	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
Aniline	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
Anthracene	ND(0.53) [ND(0.51)]	4.8	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
Aramite	ND(1.0) J [ND(1.0) J]	ND(0.71) J	ND(0.97) J	NA	ND(0.69) J	ND(0.70) J	NA
Benzidine	ND(1.0) [ND(1.0)]	ND(0.71) J	ND(0.97)	NA	ND(0.69) J	ND(0.70) J	NA
Benzo(a)anthracene	ND(0.53) [ND(0.51)]	6.1	ND(0.48)	NA	ND(0.34)	0.12 J	NA
Benzo(a)pyrene	ND(0.53) [ND(0.51)]	3.7	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
Benzo(b)fluoranthene	ND(0.53) [ND(0.51)]	2.8	ND(0.48)	NA	ND(0.34)	0.17 J	NA
Benzo(g,h,i)perylene	ND(0.53) [ND(0.51)]	3.9	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
Benzo(k)fluoranthene	ND(0.53) [ND(0.51)]	3.7	ND(0.48)	NA	ND(0.34)	0.091 J	NA
Benzyl Alcohol	ND(1.0) [ND(1.0)]	ND(0.71)	ND(0.97)	NA	ND(0.69)	ND(0.70)	NA
bis(2-Chloroethoxy)methane	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
bis(2-Chloroethyl)ether	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
bis(2-Chloroisopropyl)ether	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
bis(2-Ethylhexyl)phthalate	ND(0.52) [ND(0.50)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.34)	NA
Butylbenzylphthalate	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
Chrysene	ND(0.53) [ND(0.51)]	5.6	ND(0.48)	NA	ND(0.34)	0.10 J	NA
Dialiate	ND(1.0) [ND(1.0)]	ND(0.71) J	ND(0.97)	NA	ND(0.69) J	ND(0.70)	NA
Dibenzo(a,h)anthracene	ND(0.53) [ND(0.51)]	0.66	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
Dibenzofuran	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
Diethylphthalate	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
Dimethylphthalate	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
Di-n-Butylphthalate	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
Di-n-Octylphthalate	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
Diphenylamine	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
Ethyl Methanesulfonate	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
Fluoranthene	ND(0.53) [ND(0.51)]	17	ND(0.48)	NA	ND(0.34)	0.10 J	NA

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-T9 10-15 09/10/02	RAA12-T11 1-3 09/10/02	RAA12-T11 6-10 09/10/02	RAA12-T11 7-9 09/10/02	RAA12-U2 0-1 08/22/02	RAA12-U3 0-1 08/26/02	RAA12-U3 3-4 08/26/02
Semivolatile Organics (continued)							
Fluorene	ND(0.53) [ND(0.51)]	0.47	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
Hexachlorobenzene	ND(0.53) J [ND(0.51) J]	ND(0.35)	ND(0.48) J	NA	ND(0.34)	ND(0.35)	NA
Hexachlorobutadiene	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
Hexachlorocyclopentadiene	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
Hexachloroethane	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
Hexachlorophene	ND(1.0) [ND(1.0)]	ND(0.71)	ND(0.97)	NA	ND(0.69)	ND(0.70)	NA
Hexachloropropene	ND(0.53) [ND(0.51)]	ND(0.35) J	ND(0.48)	NA	ND(0.34) J	ND(0.35)	NA
Indeno(1,2,3-cd)pyrene	ND(0.53) [ND(0.51)]	2.7	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
Isodrin	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
Isophorone	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
Isosafrole	ND(1.0) [ND(1.0)]	ND(0.71)	ND(0.97)	NA	ND(0.69)	ND(0.70)	NA
Methapyrilene	ND(1.0) J [ND(1.0) J]	ND(0.71) J	ND(0.97) J	NA	ND(0.69)	ND(0.70) J	NA
Methyl Methanesulfonate	ND(0.53) J [ND(0.51) J]	ND(0.35)	ND(0.48) J	NA	ND(0.34)	ND(0.35) J	NA
Naphthalene	0.28 J [ND(0.51)]	0.32 J	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
Nitrobenzene	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
N-Nitrosodiethylamine	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
N-Nitrosodimethylamine	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
N-Nitroso-di-n-butylamine	ND(1.0) [ND(1.0)]	ND(0.71)	ND(0.97)	NA	ND(0.69)	ND(0.70)	NA
N-Nitroso-di-n-propylamine	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34) J	ND(0.35)	NA
N-Nitrosodiphenylamine	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
N-Nitrosomethylethylamine	ND(1.0) [ND(1.0)]	ND(0.71)	ND(0.97)	NA	ND(0.69)	ND(0.70)	NA
N-Nitrosomorpholine	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
N-Nitrosopiperidine	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
N-Nitrosopyrrolidine	ND(1.0) J [ND(1.0) J]	ND(0.71)	ND(0.97) J	NA	ND(0.69)	ND(0.70)	NA
o,o,o-Triethylphosphorothioate	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
o-Toluidine	ND(0.53) J [ND(0.51) J]	ND(0.35) J	ND(0.48) J	NA	ND(0.34)	ND(0.35)	NA
p-Dimethylaminoazobenzene	ND(1.0) [ND(1.0)]	ND(0.71)	ND(0.97)	NA	ND(0.69)	0.34 J	NA
Pentachlorobenzene	ND(0.53) [ND(0.51)]	ND(0.35) J	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
Pentachloroethane	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
Pentachloronitrobenzene	ND(1.0) [ND(1.0)]	ND(0.71)	ND(0.97)	NA	ND(0.69)	ND(0.70)	NA
Pentachlorophenol	ND(2.7) [ND(2.6)]	ND(1.8)	ND(2.5)	NA	R	ND(1.8)	NA
Phenacetin	ND(1.0) [ND(1.0)]	ND(0.71)	ND(0.97)	NA	ND(0.69)	ND(0.70)	NA
Phenanthrene	ND(0.53) [ND(0.51)]	10	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
Phenol	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
Pronamide	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
Pyrene	ND(0.53) [ND(0.51)]	30	ND(0.48)	NA	ND(0.34)	0.14 J	NA
Pyridine	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
Safrole	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA	ND(0.34)	ND(0.35)	NA
Thionazin	ND(0.53) J [ND(0.51) J]	ND(0.35)	ND(0.48) J	NA	ND(0.34)	ND(0.35)	NA
Organochlorine Pesticides							
4,4'-DDD	ND(0.016)	ND(0.10)	ND(0.016)	NA	NA	NA	NA
4,4'-DDE	ND(0.016)	ND(0.10)	ND(0.016)	NA	NA	NA	NA
4,4'-DDT	ND(0.016)	ND(0.10)	ND(0.016)	NA	NA	NA	NA
Aldrin	ND(0.0080)	ND(0.053)	ND(0.0080)	NA	NA	NA	NA
Alpha-BHC	ND(0.0080)	ND(0.053)	ND(0.0080)	NA	NA	NA	NA
Alpha-Chlordane	ND(0.0080)	ND(0.053)	ND(0.0080)	NA	NA	NA	NA
Beta-BHC	ND(0.0080)	ND(0.053)	ND(0.0080)	NA	NA	NA	NA
Delta-BHC	ND(0.0080)	ND(0.053)	ND(0.0080)	NA	NA	NA	NA
Dieldrin	ND(0.016)	ND(0.10)	ND(0.016)	NA	NA	NA	NA
Endosulfan I	ND(0.016)	ND(0.10)	ND(0.016)	NA	NA	NA	NA
Endosulfan II	ND(0.016)	ND(0.10)	ND(0.016)	NA	NA	NA	NA
Endosulfan Sulfate	ND(0.016)	ND(0.10)	ND(0.016)	NA	NA	NA	NA
Endrin	ND(0.016)	ND(0.10)	ND(0.016)	NA	NA	NA	NA
Endrin Aldehyde	ND(0.016)	ND(0.10)	ND(0.016)	NA	NA	NA	NA
Endrin Ketone	ND(0.016)	ND(0.10)	ND(0.016)	NA	NA	NA	NA
Gamma-BHC (Lindane)	ND(0.0080)	ND(0.053)	ND(0.0080)	NA	NA	NA	NA
Gamma-Chlordane	ND(0.0080)	ND(0.053)	ND(0.0080)	NA	NA	NA	NA
Heptachlor	ND(0.0080)	ND(0.053)	ND(0.0080)	NA	NA	NA	NA
Heptachlor Epoxide	ND(0.0080)	ND(0.053)	ND(0.0080)	NA	NA	NA	NA
Kepone	ND(0.53)	ND(0.35)	ND(0.48)	NA	NA	NA	NA
Methoxychlor	ND(0.080)	ND(0.53)	ND(0.080)	NA	NA	NA	NA
Technical Chlordane	ND(0.13)	ND(0.88)	ND(0.12)	NA	NA	NA	NA
Toxaphene	ND(0.25)	ND(0.88)	ND(0.23)	NA	NA	NA	NA

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-T9 10-15 09/10/02	RAA12-T11 1-3 09/10/02	RAA12-T11 6-10 09/10/02	RAA12-T11 7-9 09/10/02	RAA12-U2 0-1 08/22/02	RAA12-U3 0-1 08/26/02	RAA12-U3 3-4 08/26/02
Organophosphate Pesticides							
Dimethoate	ND(2.7)	ND(1.8)	ND(2.5)	NA	NA	NA	NA
Disulfoton	ND(1.0)	ND(0.71)	ND(0.97)	NA	NA	NA	NA
Ethyl Parathion	ND(1.0)	ND(0.71)	ND(0.97)	NA	NA	NA	NA
Famphur	ND(0.53)	ND(0.35)	ND(0.48)	NA	NA	NA	NA
Methyl Parathion	ND(1.0)	ND(0.71)	ND(0.97)	NA	NA	NA	NA
Phorate	ND(1.0)	ND(0.71)	ND(0.97)	NA	NA	NA	NA
Sulfotep	ND(1.0)	ND(0.71)	ND(0.97)	NA	NA	NA	NA
Herbicides							
2,4,5-T	ND(0.50)	ND(0.34)	ND(0.46)	NA	NA	NA	NA
2,4,5-TP	ND(0.50)	ND(0.34)	ND(0.46)	NA	NA	NA	NA
2,4-D	ND(0.80)	ND(0.80)	ND(0.80)	NA	NA	NA	NA
Dinoseb	ND(0.53)	ND(0.35)	ND(0.48)	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF	0.000015 Y [0.000025 Y]	0.000020 Y	ND(0.00000070)	NA	0.00000023 J	0.0000049 Y	NA
TCDFs (total)	0.00006 J [0.00014 J]	0.00011	ND(0.00000070)	NA	ND(0.00000021)	0.000075	NA
1,2,3,7,8-PeCDF	0.0000088 J [0.000013 J]	0.000014 J	ND(0.00000069)	NA	0.00000015 J	0.0000029	NA
2,3,4,7,8-PeCDF	0.000018 J [0.000036 J]	0.000017 J	ND(0.00000069)	NA	0.00000030 J	0.000022	NA
PeCDFs (total)	0.000091 [0.00015]	0.00013	ND(0.00000069)	NA	0.0000015	0.00036 I	NA
1,2,3,4,7,8-HxCDF	0.000025 J [0.000046]	0.000023 J	ND(0.00000069)	NA	0.00000022 J	0.000020	NA
1,2,3,6,7,8-HxCDF	0.0000077 J [0.000013 J]	0.000012 J	ND(0.00000069)	NA	ND(0.00000018) X	0.000014	NA
1,2,3,7,8,9-HxCDF	ND(0.0000032) X [0.0000044 J]	0.0000042 J	ND(0.00000069)	NA	ND(0.00000032)	0.0000060	NA
2,3,4,6,7,8-HxCDF	0.000011 J [0.000026 J]	0.0000068 J	ND(0.00000069)	NA	0.00000033 J	0.000054	NA
HxCDFs (total)	0.000094 J [0.00019 J]	0.000087	0.00000031	NA	0.0000033	0.00069	NA
1,2,3,4,6,7,8-HpCDF	0.000028 J [0.000049]	0.000022 J	0.00000012 J	NA	0.0000010 J	0.000079	NA
1,2,3,4,7,8,9-HpCDF	0.0000044 J [0.0000049 J]	0.0000064 J	ND(0.00000069)	NA	ND(0.00000032)	0.000010	NA
HpCDFs (total)	0.000050 [0.000071]	0.000042	0.00000028	NA	0.0000022	0.00020	NA
OCDF	0.000028 J [0.000031 J]	0.000026 J	ND(0.0000014)	NA	0.0000011 J	0.000035	NA
Dioxins							
2,3,7,8-TCDD	ND(0.0000014) [ND(0.0000016)]	ND(0.0000017)	ND(0.00000028)	NA	ND(0.00000034)	0.00000024 J	NA
TCDDs (total)	ND(0.0000014) [0.0000038]	ND(0.0000033)	ND(0.00000064)	NA	ND(0.00000042)	0.0000037	NA
1,2,3,7,8-PeCDD	ND(0.0000036) [ND(0.0000040)]	ND(0.0000027)	ND(0.00000069)	NA	ND(0.00000032)	0.0000025	NA
PeCDDs (total)	ND(0.0000040) [ND(0.0000048)]	ND(0.0000036)	ND(0.00000073)	NA	ND(0.00000050)	0.000020	NA
1,2,3,4,7,8-HxCDD	ND(0.0000036) [0.0000032 J]	ND(0.0000030)	ND(0.00000069)	NA	ND(0.00000032)	0.0000025	NA
1,2,3,6,7,8-HxCDD	ND(0.0000036) [0.0000028 J]	ND(0.0000027)	ND(0.00000069)	NA	ND(0.00000032)	0.0000042	NA
1,2,3,7,8,9-HxCDD	ND(0.0000036) [ND(0.0000040)]	ND(0.0000027)	ND(0.00000069)	NA	ND(0.00000032)	0.0000035	NA
HxCDDs (total)	0.0000093 [0.0000081]	0.0000048	ND(0.0000011)	NA	ND(0.00000092)	0.000061	NA
1,2,3,4,6,7,8-HpCDD	0.000032 J [0.000028 J]	0.000011 J	0.00000058 J	NA	0.0000013 J	0.000023	NA
HpCDDs (total)	0.000062 [0.000054]	0.000021	0.00000093	NA	0.0000023	0.000050	NA
OCDD	0.00038 [0.00030]	0.000072	ND(0.0000028)	NA	0.0000069	0.00025	NA
Total TEQs (WHO TEFs)	0.000019 [0.000035]	0.000019	0.00000096	NA	0.00000066	0.000026	NA
Inorganics							
Antimony	1.80 B [1.80 B]	0.960 B	ND(6.00)	NA	ND(6.00) J	ND(6.00)	NA
Arsenic	10.0 [12.0]	3.20	2.10	NA	4.70 J	4.10	NA
Barium	51.0 [61.0]	28.0	30.0	NA	43.0 J	23.0	NA
Beryllium	0.400 B [0.460 B]	0.160 B	0.280 B	NA	0.250 J	0.180 B	NA
Cadmium	0.340 B [0.420 B]	0.550	0.300 B	NA	0.410 B	0.420 B	NA
Chromium	7.70 [9.00]	13.0	8.40	NA	5.50 J	6.00	NA
Cobalt	3.50 B [4.20 B]	5.00 B	7.60	NA	8.90 J	6.10	NA
Copper	25.0 [34.0]	57.0	10.0	NA	12.0 J	15.0	NA
Cyanide	ND(0.160) [ND(0.150)]	ND(0.100)	0.130 B	NA	ND(0.100) J	ND(0.100)	NA
Lead	19.0 [16.0]	100	5.70	NA	8.10 J	28.0	NA
Mercury	0.220 J [0.240 J]	0.120 J	ND(0.140)	NA	ND(0.100)	0.0320 B	NA
Nickel	7.00 [9.30]	9.10	11.0	NA	11.0 J	10.0	NA
Selenium	3.20 J [3.30 J]	ND(1.00) J	ND(1.10) J	NA	0.680 J	ND(1.00)	NA
Silver	ND(1.20) [ND(1.10)]	ND(1.00)	ND(1.10)	NA	ND(1.00) J	ND(1.00)	NA
Sulfide	380 [340]	32.0	130	NA	20.0	23.0	NA
Thallium	ND(1.60) J [ND(1.50) J]	ND(1.00) J	ND(1.40) J	NA	ND(1.00)	ND(1.00)	NA
Tin	ND(10.0) [ND(11.0)]	20.0	ND(11.0)	NA	ND(10.0) J	ND(10.0)	NA
Vanadium	13.0 [14.0]	5.80	8.80	NA	5.80	6.00	NA
Zinc	25.0 J [27.0 J]	100 J	47.0 J	NA	37.0 J	50.0	NA

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-U3 3-6 08/26/02	RAA12-U5 0-1 08/22/02	RAA12-U8 0-1 08/21/02	RAA12-U8 1-3 08/21/02	RAA12-U8 3-6 08/21/02	RAA12-U8 4-6 08/21/02	RAA12-U8 6-8 08/21/02
Volatile Organics							
1,1,1,2-Tetrachloroethane	NA	ND(0.0054) [ND(0.0054)]	ND(0.0053)	ND(0.0052)	NA	ND(0.0055)	ND(0.0076)
1,1,1-Trichloroethane	NA	ND(0.0054) [ND(0.0054)]	ND(0.0053)	ND(0.0052)	NA	ND(0.0055)	ND(0.0076)
1,1,2,2-Tetrachloroethane	NA	ND(0.0054) [ND(0.0054)]	ND(0.0053)	ND(0.0052)	NA	ND(0.0055)	ND(0.0076)
1,1,2-Trichloroethane	NA	ND(0.0054) [ND(0.0054)]	ND(0.0053)	ND(0.0052)	NA	ND(0.0055)	ND(0.0076)
1,1-Dichloroethane	NA	ND(0.0054) [ND(0.0054)]	ND(0.0053)	ND(0.0052)	NA	ND(0.0055)	ND(0.0076)
1,1-Dichloroethene	NA	ND(0.0054) [ND(0.0054)]	ND(0.0053)	ND(0.0052)	NA	ND(0.0055)	ND(0.0076)
1,2,3-Trichloropropane	NA	ND(0.0054) [ND(0.0054)]	ND(0.0053)	ND(0.0052)	NA	ND(0.0055)	ND(0.0076)
1,2-Dibromo-3-chloropropane	NA	ND(0.0054) [ND(0.0054)]	ND(0.0053)	ND(0.0052)	NA	ND(0.0055)	ND(0.0076)
1,2-Dibromoethane	NA	ND(0.0054) [ND(0.0054)]	ND(0.0053)	ND(0.0052)	NA	ND(0.0055)	ND(0.0076)
1,2-Dichloroethane	NA	ND(0.0054) [ND(0.0054)]	ND(0.0053) J	ND(0.0052) J	NA	ND(0.0055) J	ND(0.0076) J
1,2-Dichloropropane	NA	ND(0.0054) [ND(0.0054)]	ND(0.0053)	ND(0.0052)	NA	ND(0.0055)	ND(0.0076)
1,4-Dioxane	NA	ND(0.11) J [ND(0.11) J]	ND(0.11) J	ND(0.10) J	NA	ND(0.11) J	ND(0.15) J
2-Butanone	NA	ND(0.011) [ND(0.011)]	ND(0.011)	ND(0.010)	NA	ND(0.011)	ND(0.015)
2-Chloro-1,3-butadiene	NA	ND(0.0054) [ND(0.0054)]	ND(0.0053)	ND(0.0052)	NA	ND(0.0055)	ND(0.0076)
2-Chloroethylvinylether	NA	ND(0.0054) [ND(0.0054)]	ND(0.0053)	ND(0.0052)	NA	ND(0.0055)	ND(0.0076)
2-Hexanone	NA	ND(0.011) [ND(0.011)]	ND(0.011)	ND(0.010)	NA	ND(0.011)	ND(0.015)
3-Chloropropene	NA	ND(0.0054) [ND(0.0054)]	ND(0.0053)	ND(0.0052)	NA	ND(0.0055)	ND(0.0076)
4-Methyl-2-pentanone	NA	ND(0.011) [ND(0.011)]	ND(0.011)	ND(0.010)	NA	ND(0.011)	ND(0.015)
Acetone	NA	ND(0.022) [ND(0.022)]	ND(0.021)	ND(0.021)	NA	ND(0.022)	ND(0.030)
Acetonitrile	NA	ND(0.11) [ND(0.11)]	ND(0.11)	ND(0.10)	NA	ND(0.11)	ND(0.15)
Acrolein	NA	ND(0.11) J [ND(0.11) J]	ND(0.11) J	ND(0.10) J	NA	ND(0.11) J	ND(0.15) J
Acrylonitrile	NA	ND(0.0054) [ND(0.0054)]	ND(0.0053)	ND(0.0052)	NA	ND(0.0055)	ND(0.0076)
Benzene	NA	ND(0.0054) [ND(0.0054)]	ND(0.0053)	ND(0.0052)	NA	ND(0.0055)	ND(0.0076)
Bromodichloromethane	NA	ND(0.0054) [ND(0.0054)]	ND(0.0053)	ND(0.0052)	NA	ND(0.0055)	ND(0.0076)
Bromoform	NA	ND(0.0054) [ND(0.0054)]	ND(0.0053)	ND(0.0052)	NA	ND(0.0055)	ND(0.0076)
Bromomethane	NA	ND(0.0054) [ND(0.0054)]	ND(0.0053)	ND(0.0052)	NA	ND(0.0055)	ND(0.0076)
Carbon Disulfide	NA	ND(0.0054) [ND(0.0054)]	ND(0.0053) J	ND(0.0052) J	NA	ND(0.0055) J	ND(0.0076) J
Carbon Tetrachloride	NA	ND(0.0054) [ND(0.0054)]	ND(0.0053)	ND(0.0052)	NA	ND(0.0055)	ND(0.0076)
Chlorobenzene	NA	ND(0.0054) [ND(0.0054)]	ND(0.0053)	ND(0.0052)	NA	ND(0.0055)	ND(0.0076)
Chloroethane	NA	ND(0.0054) [ND(0.0054)]	ND(0.0053)	ND(0.0052)	NA	ND(0.0055)	ND(0.0076)
Chloroform	NA	ND(0.0054) [ND(0.0054)]	ND(0.0053)	ND(0.0052)	NA	ND(0.0055)	ND(0.0076)
Chloromethane	NA	ND(0.0054) [ND(0.0054)]	ND(0.0053)	ND(0.0052)	NA	ND(0.0055)	ND(0.0076)
cis-1,3-Dichloropropene	NA	ND(0.0054) [ND(0.0054)]	ND(0.0053)	ND(0.0052)	NA	ND(0.0055)	ND(0.0076)
Dibromochloromethane	NA	ND(0.0054) [ND(0.0054)]	ND(0.0053)	ND(0.0052)	NA	ND(0.0055)	ND(0.0076)
Dibromomethane	NA	ND(0.0054) [ND(0.0054)]	ND(0.0053)	ND(0.0052)	NA	ND(0.0055)	ND(0.0076)
Dichlorodifluoromethane	NA	ND(0.0054) [ND(0.0054)]	ND(0.0053) J	ND(0.0052) J	NA	ND(0.0055) J	ND(0.0076) J
Ethyl Methacrylate	NA	ND(0.0054) [ND(0.0054)]	ND(0.0053)	ND(0.0052)	NA	ND(0.0055)	ND(0.0076)
Ethylbenzene	NA	ND(0.0054) [ND(0.0054)]	ND(0.0053)	ND(0.0052)	NA	ND(0.0055)	ND(0.0076)
Iodomethane	NA	ND(0.0054) [ND(0.0054)]	ND(0.0053)	ND(0.0052)	NA	ND(0.0055)	ND(0.0076)
Isobutanol	NA	ND(0.11) [ND(0.11)]	ND(0.11)	ND(0.10)	NA	ND(0.11)	ND(0.15)
Methacrylonitrile	NA	ND(0.0054) [ND(0.0054)]	ND(0.0053)	ND(0.0052)	NA	ND(0.0055)	ND(0.0076)
Methyl Methacrylate	NA	ND(0.0054) [ND(0.0054)]	ND(0.0053)	ND(0.0052)	NA	ND(0.0055)	ND(0.0076)
Methylene Chloride	NA	ND(0.0054) [ND(0.0054)]	ND(0.0053)	ND(0.0052)	NA	ND(0.0055)	ND(0.0076)
Propionitrile	NA	ND(0.011) J [ND(0.011) J]	ND(0.011)	ND(0.010)	NA	ND(0.011)	ND(0.015)
Styrene	NA	ND(0.0054) [ND(0.0054)]	ND(0.0053)	ND(0.0052)	NA	ND(0.0055)	ND(0.0076)
Tetrachloroethene	NA	ND(0.0054) [ND(0.0054)]	ND(0.0053)	ND(0.0052)	NA	ND(0.0055)	ND(0.0076)
Toluene	NA	ND(0.0054) [ND(0.0054)]	ND(0.0053)	ND(0.0052)	NA	ND(0.0055)	ND(0.0076)
trans-1,2-Dichloroethene	NA	ND(0.0054) [ND(0.0054)]	ND(0.0053)	ND(0.0052)	NA	ND(0.0055)	ND(0.0076)
trans-1,3-Dichloropropene	NA	ND(0.0054) [ND(0.0054)]	ND(0.0053)	ND(0.0052)	NA	ND(0.0055)	ND(0.0076)
trans-1,4-Dichloro-2-butene	NA	ND(0.0054) [ND(0.0054)]	ND(0.0053)	ND(0.0052)	NA	ND(0.0055)	ND(0.0076)
Trichloroethene	NA	ND(0.0054) [ND(0.0054)]	ND(0.0053)	ND(0.0052)	NA	ND(0.0055)	ND(0.0076)
Trichlorofluoromethane	NA	ND(0.0054) [ND(0.0054)]	ND(0.0053) J	ND(0.0052) J	NA	ND(0.0055) J	ND(0.0076) J
Vinyl Acetate	NA	ND(0.0054) [ND(0.0054)]	ND(0.0053) J	ND(0.0052) J	NA	ND(0.0055) J	ND(0.0076) J
Vinyl Chloride	NA	ND(0.0054) [ND(0.0054)]	ND(0.0053)	ND(0.0052)	NA	ND(0.0055)	ND(0.0076)
Xylenes (total)	NA	ND(0.0054) [ND(0.0054)]	ND(0.0053)	ND(0.0052)	NA	ND(0.0055)	ND(0.0076)
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
1,2,4-Trichlorobenzene	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
1,2-Dichlorobenzene	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
1,2-Diphenylhydrazine	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36) J	ND(0.38) J	ND(0.37)	NA	NA
1,3,5-Trinitrobenzene	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
1,3-Dichlorobenzene	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
1,3-Dinitrobenzene	ND(0.87)	ND(0.72) [ND(0.72)]	ND(0.71)	ND(0.70)	ND(0.74)	NA	NA
1,4-Dichlorobenzene	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
1,4-Naphthoquinone	ND(0.87)	ND(0.72) [ND(0.72)]	ND(0.71)	ND(0.70)	ND(0.74)	NA	NA
1-Naphthylamine	ND(0.87)	ND(0.72) [ND(0.72)]	ND(0.71)	ND(0.70)	ND(0.74)	NA	NA
2,3,4,6-Tetrachlorophenol	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-U3 3-6 08/26/02	RAA12-U5 0-1 08/22/02	RAA12-U8 0-1 08/21/02	RAA12-U8 1-3 08/21/02	RAA12-U8 3-6 08/21/02	RAA12-U8 4-6 08/21/02	RAA12-U8 6-8 08/21/02
Semivolatile Organics (continued)							
2,4,5-Trichlorophenol	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
2,4,6-Trichlorophenol	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
2,4-Dichlorophenol	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
2,4-Dimethylphenol	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
2,4-Dinitrophenol	ND(2.2)	ND(1.8) [ND(1.8)]	ND(1.8)	ND(1.9)	ND(1.9)	NA	NA
2,4-Dinitrotoluene	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
2,6-Dichlorophenol	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
2,6-Dinitrotoluene	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
2-Acetylaminofluorene	ND(0.87)	ND(0.72) [ND(0.72)]	ND(0.71)	ND(0.70)	ND(0.74)	NA	NA
2-Chloronaphthalene	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
2-Chlorophenol	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
2-Methylnaphthalene	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	0.24 J	ND(0.37)	NA	NA
2-Methylphenol	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
2-Naphthylamine	ND(0.87)	ND(0.72) [ND(0.72)]	ND(0.71)	ND(0.70)	ND(0.74)	NA	NA
2-Nitroaniline	ND(2.2)	ND(1.8) [ND(1.8)]	ND(1.8)	ND(1.9)	ND(1.9)	NA	NA
2-Nitrophenol	ND(0.87)	ND(0.72) [ND(0.72)]	ND(0.71)	ND(0.70)	ND(0.74)	NA	NA
2-Picoline	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
3&4-Methylphenol	ND(0.87)	ND(0.72) [ND(0.72)]	ND(0.71)	0.14 J	ND(0.74)	NA	NA
3,3'-Dichlorobenzidine	ND(0.87) J	ND(0.72) [ND(0.72)]	ND(0.71)	ND(0.77)	ND(0.74) J	NA	NA
3,3'-Dimethylbenzidine	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37) J	NA	NA
3-Methylcholanthrene	ND(0.87)	ND(0.72) [ND(0.72)]	ND(0.71)	ND(0.70)	ND(0.74)	NA	NA
3-Nitroaniline	ND(2.2)	ND(1.8) [ND(1.8)]	ND(1.8)	ND(1.9)	ND(1.9)	NA	NA
4,6-Dinitro-2-methylphenol	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
4-Aminobiphenyl	ND(0.87)	ND(0.72) J [ND(0.72) J]	ND(0.71)	ND(0.70)	ND(0.74)	NA	NA
4-Bromophenyl-phenylether	ND(0.43) J	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
4-Chloro-3-Methylphenol	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
4-Chloroaniline	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
4-Chlorobenzilate	ND(0.87)	ND(0.72) [ND(0.72)]	ND(0.71) J	ND(0.70) J	ND(0.74)	NA	NA
4-Chlorophenyl-phenylether	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
4-Nitroaniline	ND(2.2)	ND(1.8) [ND(1.8)]	ND(1.8)	ND(1.8)	ND(1.9)	NA	NA
4-Nitrophenol	ND(2.2)	ND(1.8) [ND(1.8)]	ND(1.8)	ND(1.9)	ND(1.9)	NA	NA
4-Nitroquinoline-1-oxide	ND(0.87)	ND(0.72) [ND(0.72)]	ND(0.71)	ND(0.70)	ND(0.74)	NA	NA
4-Phenylenediamine	ND(0.87) J	ND(0.72) J [ND(0.72) J]	ND(0.71) J	ND(0.70) J	ND(0.74) J	NA	NA
5-Nitro-o-toluidine	ND(0.87)	ND(0.72) [ND(0.72)]	ND(0.71)	ND(0.70)	ND(0.74)	NA	NA
7,12-Dimethylbenz(a)anthracene	ND(0.87)	ND(0.72) [ND(0.72)]	ND(0.71)	ND(0.70)	ND(0.74)	NA	NA
a,a'-Dimethylphenethylamine	ND(0.87) J	ND(0.72) [ND(0.72)]	ND(0.71)	ND(0.70)	ND(0.74)	NA	NA
Acenaphthene	ND(0.43)	ND(0.36) [ND(0.36)]	0.17 J	ND(0.38)	ND(0.37)	NA	NA
Acenaphthylene	ND(0.43)	0.10 J [ND(0.36)]	0.093 J	1.4	1.1	NA	NA
Acetophenone	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
Aniline	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	0.82	ND(0.37)	NA	NA
Anthracene	0.11 J	0.18 J [ND(0.36)]	0.50	0.82	1.2	NA	NA
Aramite	ND(0.87) J	ND(0.72) J [ND(0.72) J]	ND(0.71) J	ND(0.70) J	ND(0.74) J	NA	NA
Benzidine	ND(0.87) J	ND(0.72) J [ND(0.72) J]	ND(0.71) J	ND(0.77) J	ND(0.74) J	NA	NA
Benzo(a)anthracene	0.35 J	0.79 J [0.18 J]	1.1	3.4	4.0	NA	NA
Benzo(a)pyrene	0.23 J	0.58 J [0.24 J]	0.92	4.6	2.9	NA	NA
Benzo(b)fluoranthene	ND(0.43)	0.53 [ND(0.36)]	0.94	3.8	3.3	NA	NA
Benzo(g,h,i)perylene	0.17 J	0.68 J [0.28 J]	0.69	4.5	2.7	NA	NA
Benzo(k)fluoranthene	ND(0.43)	0.58 [ND(0.36)]	0.74	3.0	2.7	NA	NA
Benzyl Alcohol	ND(0.87)	ND(0.72) [ND(0.72)]	ND(0.71)	ND(0.77)	ND(0.74) J	NA	NA
bis(2-Chloroethoxy)methane	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
bis(2-Chloroethyl)ether	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
bis(2-Chloroisopropyl)ether	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
bis(2-Ethylhexyl)phthalate	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.35)	ND(0.34)	ND(0.36)	NA	NA
Butylbenzylphthalate	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
Chrysene	0.35 J	1.0 J [0.24 J]	1.1	3.4	3.6	NA	NA
Dialiate	ND(0.87)	ND(0.72) J [ND(0.72) J]	ND(0.71) J	ND(0.70) J	ND(0.74)	NA	NA
Dibenzo(a,h)anthracene	ND(0.43)	ND(0.36) [ND(0.36)]	0.21 J	1.6	1.1	NA	NA
Dibenzofuran	ND(0.43)	ND(0.36) [ND(0.36)]	0.10 J	ND(0.38)	ND(0.37)	NA	NA
Diethylphthalate	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
Dimethylphthalate	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
Di-n-Butylphthalate	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	0.22 J	ND(0.37)	NA	NA
Di-n-Octylphthalate	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
Diphenylamine	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
Ethyl Methanesulfonate	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
Fluoranthene	0.42 J	0.77 J [0.19 J]	1.6	1.9	3.9	NA	NA

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-U3 3-6 08/26/02	RAA12-U5 0-1 08/22/02	RAA12-U8 0-1 08/21/02	RAA12-U8 1-3 08/21/02	RAA12-U8 3-6 08/21/02	RAA12-U8 4-6 08/21/02	RAA12-U8 6-8 08/21/02
Semivolatile Organics (continued)							
Fluorene	ND(0.43)	ND(0.36) [ND(0.36)]	0.18 J	0.15 J	ND(0.37)	NA	NA
Hexachlorobenzene	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
Hexachlorobutadiene	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
Hexachlorocyclopentadiene	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
Hexachloroethane	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
Hexachlorophene	ND(0.87)	ND(0.72) [ND(0.72)]	ND(0.71)	ND(0.77)	ND(0.74) J	NA	NA
Hexachloropropene	ND(0.43)	ND(0.36) J [ND(0.36) J]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
Indeno(1,2,3-cd)pyrene	0.14 J	0.46 J [0.21 J]	0.58	3.6	2.3	NA	NA
Isodrin	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
Isophorone	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
Isosafrole	ND(0.87)	ND(0.72) [ND(0.72)]	ND(0.71)	ND(0.70)	ND(0.74) J	NA	NA
Methapyrilene	ND(0.87) J	ND(0.72) [ND(0.72)]	ND(0.71)	ND(0.70)	ND(0.74)	NA	NA
Methyl Methanesulfonate	ND(0.43) J	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
Naphthalene	ND(0.43)	ND(0.36) [ND(0.36)]	0.15 J	0.41	ND(0.37)	NA	NA
Nitrobenzene	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
N-Nitrosodiethylamine	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
N-Nitrosodimethylamine	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
N-Nitroso-di-n-butylamine	ND(0.87)	ND(0.72) [ND(0.72)]	ND(0.71)	ND(0.70)	ND(0.74)	NA	NA
N-Nitroso-di-n-propylamine	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
N-Nitrosodiphenylamine	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
N-Nitrosomethylethylamine	ND(0.87)	ND(0.72) [ND(0.72)]	ND(0.71)	ND(0.70)	ND(0.74)	NA	NA
N-Nitrosomorpholine	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
N-Nitrosopiperidine	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
N-Nitrosopyrrolidine	ND(0.87)	ND(0.72) [ND(0.72)]	ND(0.71) J	ND(0.70) J	ND(0.74) J	NA	NA
o,o,o-Triethylphosphorothioate	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
o-Toluidine	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
p-Dimethylaminoazobenzene	ND(0.87)	ND(0.72) [ND(0.72)]	ND(0.71)	ND(0.70)	ND(0.74)	NA	NA
Pentachlorobenzene	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
Pentachloroethane	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
Pentachloronitrobenzene	ND(0.87)	ND(0.72) [ND(0.72)]	ND(0.71)	ND(0.70)	ND(0.74)	NA	NA
Pentachlorophenol	ND(2.2)	ND(1.8) [ND(1.8)]	ND(1.8)	ND(1.9)	ND(1.9)	NA	NA
Phenacetin	ND(0.87)	ND(0.72) [ND(0.72)]	ND(0.71)	ND(0.70)	ND(0.74)	NA	NA
Phenanthrene	0.25 J	0.39 [ND(0.36)]	1.4	0.81	1.8	NA	NA
Phenol	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
Pronamide	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
Pyrene	0.66	2.3 J [0.37 J]	2.1	4.2	5.6	NA	NA
Pyridine	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
Safrole	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA
Thionazin	ND(0.43)	ND(0.36) [ND(0.36)]	ND(0.36) J	ND(0.38) J	ND(0.37) J	NA	NA
Organochlorine Pesticides							
4,4'-DDD	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA	NA	NA
Alpha-BHC	NA	NA	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	NA	NA	NA	NA	NA	NA	NA
Endrin	NA	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA	NA	NA	NA
Endrin Ketone	NA	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	NA	NA	NA	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA	NA	NA
Kepone	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA	NA	NA	NA

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-U3 3-6 08/26/02	RAA12-U5 0-1 08/22/02	RAA12-U8 0-1 08/21/02	RAA12-U8 1-3 08/21/02	RAA12-U8 3-6 08/21/02	RAA12-U8 4-6 08/21/02	RAA12-U8 6-8 08/21/02
Organophosphate Pesticides							
Dimethoate	NA	NA	NA	NA	NA	NA	NA
Disulfoton	NA	NA	NA	NA	NA	NA	NA
Ethyl Parathion	NA	NA	NA	NA	NA	NA	NA
Famphur	NA	NA	NA	NA	NA	NA	NA
Methyl Parathion	NA	NA	NA	NA	NA	NA	NA
Phorate	NA	NA	NA	NA	NA	NA	NA
Sulfotep	NA	NA	NA	NA	NA	NA	NA
Herbicides							
2,4,5-T	NA	NA	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA	NA	NA	NA
Dinoseb	NA	NA	NA	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF	0.0000055 J	0.0000019 J [0.0000027 J]	0.000032 Y	0.000038 YQ	0.0000095 Y	NA	NA
TCDFs (total)	0.000036	0.000068 [0.000097]	0.00012	0.00022	0.000024	NA	NA
1,2,3,7,8-PeCDF	0.0000023 J	0.0000011 J [ND(0.0000028)]	0.000012	0.000026 Q	0.0000048	NA	NA
2,3,4,7,8-PeCDF	0.0000046 J	0.000017 J [0.000022 J]	0.000023	0.000037	0.0000058	NA	NA
PeCDFs (total)	0.000040	0.00020 [0.00026]	0.00019 Q	0.00023 Q	0.000043	NA	NA
1,2,3,4,7,8-HxCDF	0.0000028 J	ND(0.0000023) [ND(0.0000028)]	0.000048	0.000080	0.0000089	NA	NA
1,2,3,6,7,8-HxCDF	0.0000023 J	0.0000036 J [0.0000046 J]	0.000023	0.000031	0.0000034	NA	NA
1,2,3,7,8,9-HxCDF	ND(0.0000030)	ND(0.0000023) [ND(0.0000028)]	0.000010 Q	0.000028	0.0000025 J	NA	NA
2,3,4,6,7,8-HxCDF	0.0000030 J	0.0000068 J [0.0000094 J]	0.000012	0.000020	0.0000042	NA	NA
HxCDFs (total)	0.000038	0.000084 [0.00011]	0.00039 Q	0.00034	0.000033	NA	NA
1,2,3,4,6,7,8-HpCDF	0.000016 J	0.0000040 J [0.0000049 J]	0.00024 Q	0.000072	0.000012	NA	NA
1,2,3,4,7,8,9-HpCDF	ND(0.0000030)	ND(0.0000023) [ND(0.0000028)]	0.000024	0.000026	0.0000019 J	NA	NA
HpCDFs (total)	0.000016	0.0000040 [0.0000049]	0.00045 Q	0.00014	0.000016	NA	NA
OCDF	0.000011 J	0.0000034 J [0.0000031 J]	0.00012	0.000073	0.0000071	NA	NA
Dioxins							
2,3,7,8-TCDD	ND(0.0000028)	ND(0.0000017) [ND(0.0000021)]	0.00000048 J	ND(0.00000086) X	ND(0.00000024)	NA	NA
TCDDs (total)	ND(0.0000040)	ND(0.0000029) [ND(0.0000037)]	0.0000093	0.000013	0.00000080	NA	NA
1,2,3,7,8-PeCDD	ND(0.0000030)	0.0000011 J [ND(0.0000028)]	0.0000045	0.0000028 Q	0.00000045 J	NA	NA
PeCDDs (total)	ND(0.0000053)	0.0000011 [ND(0.0000047)]	0.000035 Q	0.000024 Q	0.0000065	NA	NA
1,2,3,4,7,8-HxCDD	ND(0.0000030)	ND(0.0000023) [ND(0.0000028)]	0.0000052	0.0000020 J	0.00000045 J	NA	NA
1,2,3,6,7,8-HxCDD	ND(0.0000030)	ND(0.0000023) [ND(0.0000028)]	0.0000074	0.0000033	0.00000066 J	NA	NA
1,2,3,7,8,9-HxCDD	ND(0.0000030)	ND(0.0000023) [ND(0.0000028)]	0.0000060	0.0000027 Q	0.00000059 J	NA	NA
HxCDDs (total)	ND(0.0000066)	ND(0.0000023) [ND(0.0000067)]	0.00011	0.000045	0.000013	NA	NA
1,2,3,4,6,7,8-HpCDD	0.0000081 J	ND(0.0000052) [0.0000043 J]	0.000051	0.000017	0.0000044	NA	NA
HpCDDs (total)	0.000015	0.0000052 [0.0000082]	0.00010	0.000033	0.0000082	NA	NA
OCDD	0.000063	0.000028 J [ND(0.000028)]	0.00027	0.000035	0.000010	NA	NA
Total TEQs (WHO TEFs)	0.0000075	0.000012 [0.000016]	0.000035	0.000045	0.0000069	NA	NA
Inorganics							
Antimony	2.60 B	ND(6.00) J [1.20 J]	1.60 J	2.40 J	1.60 J	NA	NA
Arsenic	9.50	5.30 J [4.70 J]	5.30	5.00	5.20	NA	NA
Barium	69.0	28.0 J [30.0 J]	67.0 J	55.0 J	65.0 J	NA	NA
Beryllium	0.370 B	0.360 J [0.240 J]	0.390 B	0.270 B	0.330 B	NA	NA
Cadmium	0.330 B	0.470 B [0.440 B]	0.950	1.20	1.10	NA	NA
Chromium	7.10	8.60 J [7.90 J]	16.0	25.0	35.0	NA	NA
Cobalt	4.60 B	8.40 J [9.80 J]	7.80	6.90	7.50	NA	NA
Copper	32.0	31.0 J [30.0 J]	46.0	210	160	NA	NA
Cyanide	0.430	ND(0.110) J [ND(0.110) J]	0.150	0.620	0.520	NA	NA
Lead	120	43.0 J [58.0 J]	210 J	320 J	250 J	NA	NA
Mercury	0.100 B	0.0600 B [0.0640 B]	0.200	0.530	0.490	NA	NA
Nickel	8.80	15.0 J [14.0 J]	15.0	15.0	14.0	NA	NA
Selenium	0.740 B	0.730 J [ND(1.00) J]	0.660 B	0.610 B	ND(1.00)	NA	NA
Silver	ND(1.00)	ND(1.00) J [ND(1.00) J]	ND(1.00)	0.860 B	ND(1.00)	NA	NA
Sulfide	160	26.0 [29.0]	32.0	44.0	32.0	NA	NA
Thallium	ND(1.30)	ND(1.10) [ND(1.10)]	ND(1.10)	ND(1.00)	ND(1.10)	NA	NA
Tin	28.0	5.10 J [5.10 J]	9.40 B	38.0	33.0	NA	NA
Vanadium	24.0	7.30 [7.80]	15.0 J	9.50 J	12.0 J	NA	NA
Zinc	75.0	46.0 J [51.0 J]	150 J	260 J	220 J	NA	NA

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-U8 6-10 08/21/02	RAA12-U8 10-12 08/21/02	RAA12-U8 10-15 08/21/02	RAA12-V2 0-1 08/22/02	RAA12-V2 1-3 08/22/02	RAA12-V2 6-10 08/22/02
Volatile Organics						
1,1,1,2-Tetrachloroethane	NA	ND(0.0071)	NA	ND(0.0053)	ND(0.0060)	NA
1,1,1-Trichloroethane	NA	ND(0.0071)	NA	ND(0.0053)	ND(0.0060)	NA
1,1,2,2-Tetrachloroethane	NA	ND(0.0071)	NA	ND(0.0053)	ND(0.0090) J	NA
1,1,2-Trichloroethane	NA	ND(0.0071)	NA	ND(0.0053)	ND(0.0060)	NA
1,1-Dichloroethane	NA	ND(0.0071)	NA	ND(0.0053)	ND(0.0060)	NA
1,1-Dichloroethene	NA	ND(0.0071)	NA	ND(0.0053)	ND(0.0060)	NA
1,2,3-Trichloropropane	NA	ND(0.0071)	NA	ND(0.0053)	ND(0.0090) J	NA
1,2-Dibromo-3-chloropropane	NA	ND(0.0071)	NA	ND(0.0053)	ND(0.0090) J	NA
1,2-Dibromoethane	NA	ND(0.0071)	NA	ND(0.0053)	ND(0.0060)	NA
1,2-Dichloroethane	NA	ND(0.0071) J	NA	ND(0.0053)	ND(0.0060)	NA
1,2-Dichloropropane	NA	ND(0.0071)	NA	ND(0.0053)	ND(0.0060)	NA
1,4-Dioxane	NA	ND(0.14) J	NA	ND(0.10) J	ND(0.18) J	NA
2-Butanone	NA	ND(0.014)	NA	ND(0.010)	0.022	NA
2-Chloro-1,3-butadiene	NA	ND(0.0071)	NA	ND(0.0053)	ND(0.0060)	NA
2-Chloroethylvinylether	NA	ND(0.0071)	NA	ND(0.0053) J	ND(0.0090) J	NA
2-Hexanone	NA	ND(0.014)	NA	ND(0.010)	ND(0.012)	NA
3-Chloropropene	NA	ND(0.0071)	NA	ND(0.0053)	ND(0.0060)	NA
4-Methyl-2-pentanone	NA	ND(0.014)	NA	ND(0.010)	ND(0.012)	NA
Acetone	NA	ND(0.028)	NA	ND(0.021)	0.076	NA
Acetonitrile	NA	ND(0.14)	NA	ND(0.10)	ND(0.12)	NA
Acrolein	NA	ND(0.14) J	NA	ND(0.10) J	ND(0.18) J	NA
Acrylonitrile	NA	ND(0.0071)	NA	ND(0.0053)	ND(0.0060)	NA
Benzene	NA	ND(0.0071)	NA	ND(0.0053)	ND(0.0060)	NA
Bromodichloromethane	NA	ND(0.0071)	NA	ND(0.0053)	ND(0.0060)	NA
Bromoform	NA	ND(0.0071)	NA	ND(0.0053)	ND(0.0060)	NA
Bromomethane	NA	ND(0.0071)	NA	ND(0.0053)	ND(0.0060)	NA
Carbon Disulfide	NA	ND(0.0071) J	NA	ND(0.0053)	ND(0.0060)	NA
Carbon Tetrachloride	NA	ND(0.0071)	NA	ND(0.0053)	ND(0.0060)	NA
Chlorobenzene	NA	ND(0.0071)	NA	ND(0.0053)	ND(0.0090) J	NA
Chloroethane	NA	ND(0.0071)	NA	ND(0.0053)	ND(0.0060)	NA
Chloroform	NA	ND(0.0071)	NA	ND(0.0053)	ND(0.0060)	NA
Chloromethane	NA	ND(0.0071)	NA	ND(0.0053)	ND(0.0060)	NA
cis-1,3-Dichloropropene	NA	ND(0.0071)	NA	ND(0.0053)	ND(0.0060)	NA
Dibromochloromethane	NA	ND(0.0071)	NA	ND(0.0053)	ND(0.0060)	NA
Dibromomethane	NA	ND(0.0071)	NA	ND(0.0053)	ND(0.0060)	NA
Dichlorodifluoromethane	NA	ND(0.0071) J	NA	ND(0.0053)	ND(0.0060)	NA
Ethyl Methacrylate	NA	ND(0.0071)	NA	ND(0.0053)	ND(0.0060)	NA
Ethylbenzene	NA	ND(0.0071)	NA	ND(0.0053)	ND(0.0060)	NA
Iodomethane	NA	ND(0.0071)	NA	ND(0.0053)	ND(0.0060)	NA
Isobutanol	NA	ND(0.14)	NA	ND(0.10)	ND(0.12)	NA
Methacrylonitrile	NA	ND(0.0071)	NA	ND(0.0053)	ND(0.0060)	NA
Methyl Methacrylate	NA	ND(0.0071)	NA	ND(0.0053)	ND(0.0060)	NA
Methylene Chloride	NA	ND(0.0071)	NA	ND(0.0053)	ND(0.0060)	NA
Propionitrile	NA	ND(0.014)	NA	ND(0.010)	ND(0.012)	NA
Styrene	NA	ND(0.0071)	NA	ND(0.0053)	ND(0.0060)	NA
Tetrachloroethene	NA	ND(0.0071)	NA	ND(0.0053)	ND(0.0060)	NA
Toluene	NA	ND(0.0071)	NA	ND(0.0053)	ND(0.0060)	NA
trans-1,2-Dichloroethene	NA	ND(0.0071)	NA	ND(0.0053)	ND(0.0060)	NA
trans-1,3-Dichloropropene	NA	ND(0.0071)	NA	ND(0.0053)	ND(0.0060)	NA
trans-1,4-Dichloro-2-butene	NA	ND(0.0071)	NA	ND(0.0053)	ND(0.0090) J	NA
Trichloroethene	NA	ND(0.0071)	NA	0.0079	ND(0.0060)	NA
Trichlorofluoromethane	NA	ND(0.0071) J	NA	ND(0.0053) J	ND(0.0090) J	NA
Vinyl Acetate	NA	ND(0.0071) J	NA	ND(0.0053)	ND(0.0060)	NA
Vinyl Chloride	NA	ND(0.0071)	NA	ND(0.0053)	ND(0.0060)	NA
Xylenes (total)	NA	ND(0.0071)	NA	ND(0.0053)	ND(0.0060)	NA
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
1,2,4-Trichlorobenzene	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40) J	ND(0.68) [ND(0.60)]
1,2-Dichlorobenzene	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
1,2-Diphenylhydrazine	ND(0.55) J	NA	ND(0.62) J	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
1,3,5-Trinitrobenzene	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
1,3-Dichlorobenzene	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
1,3-Dinitrobenzene	ND(1.0)	NA	ND(0.95)	ND(0.70)	ND(0.81)	ND(1.4) [ND(1.2)]
1,4-Dichlorobenzene	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
1,4-Naphthoquinone	ND(1.0)	NA	ND(0.95)	ND(0.70)	ND(0.81)	ND(1.4) [ND(1.2)]
1-Naphthylamine	ND(1.0)	NA	ND(0.95)	ND(0.70)	ND(0.81)	ND(1.4) [ND(1.2)]
2,3,4,6-Tetrachlorophenol	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-U8 6-10 08/21/02	RAA12-U8 10-12 08/21/02	RAA12-U8 10-15 08/21/02	RAA12-V2 0-1 08/22/02	RAA12-V2 1-3 08/22/02	RAA12-V2 6-10 08/22/02
Semivolatile Organics (continued)						
2,4,5-Trichlorophenol	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
2,4,6-Trichlorophenol	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
2,4-Dichlorophenol	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
2,4-Dimethylphenol	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
2,4-Dinitrophenol	ND(2.8)	NA	ND(3.1)	ND(1.8)	ND(2.0)	ND(3.4) [ND(3.0)]
2,4-Dinitrotoluene	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40) J	ND(0.68) [ND(0.60)]
2,6-Dichlorophenol	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
2,6-Dinitrotoluene	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
2-Acetylaminofluorene	ND(1.0)	NA	ND(0.95)	ND(0.70)	ND(0.81)	ND(1.4) [ND(1.2)]
2-Chloronaphthalene	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
2-Chlorophenol	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
2-Methylnaphthalene	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
2-Methylphenol	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
2-Naphthylamine	ND(1.0)	NA	ND(0.95)	ND(0.70)	ND(0.81)	ND(1.4) [ND(1.2)]
2-Nitroaniline	ND(2.8)	NA	ND(3.1)	ND(1.8)	ND(2.0)	ND(3.4) [ND(3.0)]
2-Nitrophenol	ND(1.0)	NA	ND(0.95)	ND(0.70)	ND(0.81)	ND(1.4) [ND(1.2)]
2-Picoline	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
3&4-Methylphenol	ND(1.0)	NA	ND(0.95)	ND(0.70)	ND(0.81)	ND(1.4) [ND(1.2)]
3,3'-Dichlorobenzidine	ND(1.1)	NA	ND(1.2)	ND(0.70)	ND(0.81)	ND(1.4) [ND(1.2)]
3,3'-Dimethylbenzidine	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
3-Methylcholanthrene	ND(1.0)	NA	ND(0.95)	ND(0.70)	ND(0.81)	ND(1.4) [ND(1.2)]
3-Nitroaniline	ND(2.8)	NA	ND(3.1)	ND(1.8)	ND(2.0)	ND(3.4) [ND(3.0)]
4,6-Dinitro-2-methylphenol	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
4-Aminobiphenyl	ND(1.0)	NA	ND(0.95)	ND(0.70) J	ND(0.81) J	ND(1.4) J [ND(1.2) J]
4-Bromophenyl-phenylether	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
4-Chloro-3-Methylphenol	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40) J	ND(0.68) [ND(0.60)]
4-Chloroaniline	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
4-Chlorobenzilate	ND(1.0) J	NA	ND(0.95) J	ND(0.70)	ND(0.81)	ND(1.4) [ND(1.2)]
4-Chlorophenyl-phenylether	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
4-Nitroaniline	ND(2.6)	NA	ND(2.4)	ND(1.8)	ND(2.0)	ND(3.4) [ND(3.0)]
4-Nitrophenol	ND(2.8)	NA	ND(3.1)	ND(1.8)	ND(2.0) J	ND(3.4) [ND(3.0)]
4-Nitroquinoline-1-oxide	ND(1.0)	NA	ND(0.95)	ND(0.70)	ND(0.81)	ND(1.4) [ND(1.2)]
4-Phenylenediamine	ND(1.0) J	NA	ND(0.95) J	ND(0.70) J	ND(0.81) J	ND(1.4) J [ND(1.2) J]
5-Nitro-o-toluidine	ND(1.0)	NA	ND(0.95)	ND(0.70)	ND(0.81)	ND(1.4) [ND(1.2)]
7,12-Dimethylbenz(a)anthracene	ND(1.0)	NA	ND(0.95)	ND(0.70)	ND(0.81)	ND(1.4) [ND(1.2)]
a,a'-Dimethylphenethylamine	ND(1.0)	NA	ND(0.95)	ND(0.70)	ND(0.81)	ND(1.4) [ND(1.2)]
Acenaphthene	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
Acenaphthylene	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
Acetophenone	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
Aniline	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
Anthracene	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
Aramite	ND(1.0) J	NA	ND(0.95) J	ND(0.70) J	ND(0.81) J	ND(1.4) J [ND(1.2) J]
Benzidine	ND(1.1) J	NA	ND(1.2) J	ND(0.70) J	ND(0.81) J	ND(1.4) J [ND(1.2) J]
Benzo(a)anthracene	ND(0.55)	NA	ND(0.62)	ND(0.35)	0.098 J	ND(0.68) [ND(0.60)]
Benzo(a)pyrene	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
Benzo(b)fluoranthene	ND(0.55)	NA	ND(0.62)	ND(0.35)	0.11 J	ND(0.68) [ND(0.60)]
Benzo(g,h,i)perylene	ND(0.55)	NA	ND(0.62)	ND(0.35)	0.095 J	ND(0.68) [ND(0.60)]
Benzo(k)fluoranthene	ND(0.55)	NA	ND(0.62)	ND(0.35)	0.10 J	ND(0.68) [ND(0.60)]
Benzyl Alcohol	ND(1.1)	NA	ND(1.2)	ND(0.70)	ND(0.81)	ND(1.4) [ND(1.2)]
bis(2-Chloroethoxy)methane	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
bis(2-Chloroethyl)ether	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
bis(2-Chloroisopropyl)ether	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
bis(2-Ethylhexyl)phthalate	ND(0.50)	NA	ND(0.47)	ND(0.35)	ND(0.40)	ND(0.67) [ND(0.59)]
Butylbenzylphthalate	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
Chrysene	ND(0.55)	NA	ND(0.62)	ND(0.35)	0.21 J	ND(0.68) [0.33 J]
Diallate	ND(1.0) J	NA	ND(0.95) J	ND(0.70) J	ND(0.81) J	ND(1.4) J [ND(1.2) J]
Dibenzo(a,h)anthracene	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
Dibenzofuran	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
Diethylphthalate	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
Dimethylphthalate	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
Di-n-Butylphthalate	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
Di-n-Octylphthalate	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
Diphenylamine	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
Ethyl Methanesulfonate	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
Fluoranthene	ND(0.55)	NA	ND(0.62)	ND(0.35)	0.19 J	ND(0.68) [0.24 J]

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-U8 6-10 08/21/02	RAA12-U8 10-12 08/21/02	RAA12-U8 10-15 08/21/02	RAA12-V2 0-1 08/22/02	RAA12-V2 1-3 08/22/02	RAA12-V2 6-10 08/22/02
Semivolatile Organics (continued)						
Fluorene	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
Hexachlorobenzene	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
Hexachlorobutadiene	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
Hexachlorocyclopentadiene	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
Hexachloroethane	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
Hexachlorophene	ND(1.1)	NA	ND(1.2)	ND(0.70)	ND(0.81)	ND(1.4) [ND(1.2)]
Hexachloropropene	ND(0.55)	NA	ND(0.62)	ND(0.35) J	ND(0.40) J	ND(0.68) J [ND(0.60) J]
Indeno(1,2,3-cd)pyrene	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
Isodrin	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
Isophorone	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
Isosafrole	ND(1.0)	NA	ND(0.95)	ND(0.70)	ND(0.81)	ND(1.4) [ND(1.2)]
Methapyrilene	ND(1.0)	NA	ND(0.95)	ND(0.70)	ND(0.81)	ND(1.4) [ND(1.2)]
Methyl Methanesulfonate	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
Naphthalene	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
Nitrobenzene	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
N-Nitrosodiethylamine	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
N-Nitrosodimethylamine	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
N-Nitroso-di-n-butylamine	ND(1.0)	NA	ND(0.95)	ND(0.70)	ND(0.81)	ND(1.4) [ND(1.2)]
N-Nitroso-di-n-propylamine	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40) J	ND(0.68) [ND(0.60)]
N-Nitrosodiphenylamine	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
N-Nitrosomethylethylamine	ND(1.0)	NA	ND(0.95)	ND(0.70)	ND(0.81)	ND(1.4) [ND(1.2)]
N-Nitrosomorpholine	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
N-Nitrosopiperidine	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
N-Nitrosopyrrolidine	ND(1.0) J	NA	ND(0.95) J	ND(0.70)	ND(0.81)	ND(1.4) [ND(1.2)]
o,o,o-Triethylphosphorothioate	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
o-Toluidine	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
p-Dimethylaminoazobenzene	ND(1.0)	NA	ND(0.95)	ND(0.70)	ND(0.81)	ND(1.4) [ND(1.2)]
Pentachlorobenzene	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
Pentachloroethane	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
Pentachloronitrobenzene	ND(1.0)	NA	ND(0.95)	ND(0.70)	ND(0.81)	ND(1.4) [ND(1.2)]
Pentachlorophenol	ND(2.8)	NA	ND(3.1)	ND(1.8)	ND(2.0) J	ND(3.4) [ND(3.0)]
Phenacetin	ND(1.0)	NA	ND(0.95)	ND(0.70)	ND(0.81)	ND(1.4) [ND(1.2)]
Phenanthrene	ND(0.55)	NA	ND(0.62)	ND(0.35)	0.16 J	ND(0.68) [0.26 J]
Phenol	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
Pronamide	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
Pyrene	ND(0.55)	NA	ND(0.62)	ND(0.35)	0.44 J	0.15 J [0.53 J]
Pyridine	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
Safrole	ND(0.55)	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
Thionazin	ND(0.55) J	NA	ND(0.62) J	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
Organochlorine Pesticides						
4,4'-DDD	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA	NA
Alpha-BHC	NA	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	NA	NA	NA	NA	NA	NA
Endrin	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA	NA	NA
Endrin Ketone	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	NA	NA	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA	NA
Kepone	NA	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA	NA	NA

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-U8 6-10 08/21/02	RAA12-U8 10-12 08/21/02	RAA12-U8 10-15 08/21/02	RAA12-V2 0-1 08/22/02	RAA12-V2 1-3 08/22/02	RAA12-V2 6-10 08/22/02
Organophosphate Pesticides						
Dimethoate	NA	NA	NA	NA	NA	NA
Disulfoton	NA	NA	NA	NA	NA	NA
Ethyl Parathion	NA	NA	NA	NA	NA	NA
Famphur	NA	NA	NA	NA	NA	NA
Methyl Parathion	NA	NA	NA	NA	NA	NA
Phorate	NA	NA	NA	NA	NA	NA
Sulfotep	NA	NA	NA	NA	NA	NA
Herbicides						
2,4,5-T	NA	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA	NA	NA
Dinoseb	NA	NA	NA	NA	NA	NA
Furans						
2,3,7,8-TCDF	0.0000023 YQ	NA	ND(0.0000023)	0.00000098 J	0.000052 Y	0.000010 Y [0.0000076 J]
TCDFs (total)	0.0000044	NA	ND(0.0000023)	0.000012	0.00039	0.000088 J [0.000052 J]
1,2,3,7,8-PeCDF	0.00000046 J	NA	ND(0.0000031)	0.00000059 J	0.000015	0.0000062 J [ND(0.0000040) X]
2,3,4,7,8-PeCDF	0.00000040 J	NA	ND(0.0000031)	0.0000048	0.000030	0.0000083 J [0.0000052 J]
PeCDFs (total)	0.0000016	NA	ND(0.0000031)	0.000057	0.00033 QI	0.000065 J [0.00003 J]
1,2,3,4,7,8-HxCDF	0.00000018 J	NA	ND(0.0000031)	0.0000062	0.000015	0.0000059 J [0.0000027 J]
1,2,3,6,7,8-HxCDF	ND(0.00000013) X	NA	ND(0.0000031)	0.0000024 J	0.000012	ND(0.0000056) X [0.0000034 J]
1,2,3,7,8,9-HxCDF	ND(0.00000036)	NA	ND(0.0000031)	ND(0.0000018) X	ND(0.0000029)	0.0000026 J [ND(0.0000041)]
2,3,4,6,7,8-HxCDF	ND(0.00000036)	NA	ND(0.0000031)	0.000011	0.000025	ND(0.0000064) X [ND(0.0000028) X]
HxCDFs (total)	0.00000018	NA	ND(0.0000031)	0.00016	0.00036	0.000032 J [0.000016 J]
1,2,3,4,6,7,8-HpCDF	0.00000022 J	NA	0.0000012 J	0.000014	0.000040	0.000014 J [0.0000065 J]
1,2,3,4,7,8,9-HpCDF	ND(0.00000036)	NA	ND(0.0000031)	0.0000039	0.0000043	ND(0.0000041) [ND(0.0000041)]
HpCDFs (total)	0.00000022	NA	0.0000012	0.000042	0.000089	0.000014 J [0.0000065 J]
OCDF	ND(0.00000071)	NA	ND(0.0000062)	0.000010	0.000031	0.0000082 J [ND(0.0000083)]
Dioxins						
2,3,7,8-TCDD	ND(0.00000031)	NA	ND(0.0000036)	ND(0.00000022)	ND(0.00000063) X	ND(0.0000030) [ND(0.0000020)]
TCDDs (total)	ND(0.00000050)	NA	ND(0.0000036)	0.00000058	0.0000058	ND(0.0000052) [ND(0.0000048)]
1,2,3,7,8-PeCDD	ND(0.00000036)	NA	ND(0.0000031)	ND(0.00000087) X	ND(0.0000012) X	0.0000020 J [ND(0.0000041)]
PeCDDs (total)	ND(0.00000062)	NA	ND(0.0000050)	0.0000049	0.000011	0.000017 J [0.0000058 J]
1,2,3,4,7,8-HxCDD	ND(0.00000036)	NA	ND(0.0000031)	0.00000052 J	0.0000012 J	ND(0.0000041) [ND(0.0000047)]
1,2,3,6,7,8-HxCDD	ND(0.00000036)	NA	ND(0.0000031)	0.0000016 J	0.0000021 J	ND(0.0000041) [ND(0.0000042)]
1,2,3,7,8,9-HxCDD	ND(0.00000036)	NA	ND(0.0000031)	0.00000088 J	0.0000020 J	ND(0.0000041) [ND(0.0000042)]
HxCDDs (total)	ND(0.00000036)	NA	ND(0.0000077)	0.000020	0.000022	0.000021 J [0.000011 J]
1,2,3,4,6,7,8-HpCDD	ND(0.00000036) X	NA	0.0000020 J	0.0000067	0.000021	0.0000089 J [0.0000050 J]
HpCDDs (total)	0.00000024	NA	0.0000020	0.000014	0.000046	0.000016 J [0.0000082 J]
OCDD	0.0000025 J	NA	0.0000098 J	0.000039	0.00017	ND(0.000025) [ND(0.000018)]
Total TEQs (WHO TEFs)	0.00000091	NA	0.0000055	0.0000057	0.000028	0.000011 [0.0000083]
Inorganics						
Antimony	ND(6.00) J	NA	ND(6.00) J	ND(6.00) J	3.20 J	18.0 J [4.50 J]
Arsenic	3.30	NA	2.70	4.10 J	6.60 J	39.0 J [12.0 J]
Barium	42.0 J	NA	14.0 J	26.0 J	52.0 J	370 J [340 J]
Beryllium	0.340 B	NA	0.150 B	0.270 J	0.240 J	0.490 J [0.510 J]
Cadmium	0.400 B	NA	0.370 B	0.400 B	0.600	3.30 [2.80]
Chromium	13.0	NA	9.70	7.20 J	10.0 J	65.0 J [39.0 J]
Cobalt	7.50	NA	4.90 B	8.20 J	6.70 J	62.0 J [9.00 J]
Copper	18.0	NA	8.90	17.0 J	50.0 J	330 J [180 J]
Cyanide	0.210	NA	ND(0.140)	ND(0.100) J	0.150 J	0.480 J [0.220 J]
Lead	24.0 J	NA	4.50 J	24.0 J	120 J	1200 J [920 J]
Mercury	0.260	NA	ND(0.140)	0.0280 B	0.240	0.940 [0.580]
Nickel	12.0	NA	8.60	13.0 J	15.0 J	130 J [18.0 J]
Selenium	ND(1.10)	NA	ND(1.10)	0.500 J	0.760 J	6.40 J [3.40 J]
Silver	ND(1.10)	NA	ND(1.10)	ND(1.00) J	2.20 J	ND(1.50) J [ND(1.30) J]
Sulfide	180	NA	57.0	24.0	42.0	950 [1100]
Thallium	ND(1.50)	NA	ND(1.40)	ND(1.00)	ND(1.20)	ND(2.00) [ND(1.80)]
Tin	8.70 B	NA	4.30 B	3.90 J	8.60 J	2300 J [1000 J]
Vanadium	12.0 J	NA	6.60 J	8.00	9.80	25.0 [22.0]
Zinc	50.0 J	NA	36.0 J	46.0 J	96.0 J	2400 J [940 J]

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-V2 8-10 08/22/02	RAA12-V4 0-1 08/22/02	RAA12-V5 3-6 08/26/02	RAA12-V6 3-6 08/23/02	RAA12-V6 4-6 08/23/02	RAA12-V6 6-10 08/23/02	RAA12-V6 8-10 08/23/02	RAA12-V6 10-12 08/23/02
Volatile Organics								
1,1,1,2-Tetrachloroethane	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA	ND(0.0061)	ND(0.0070)
1,1,1-Trichloroethane	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA	ND(0.0061)	ND(0.0070)
1,1,2,2-Tetrachloroethane	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA	ND(0.0061)	ND(0.0070)
1,1,2-Trichloroethane	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA	ND(0.0061)	ND(0.0070)
1,1-Dichloroethane	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA	ND(0.0061)	ND(0.0070)
1,1-Dichloroethene	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA	ND(0.0061)	ND(0.0070)
1,2,3-Trichloropropane	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA	ND(0.0061)	ND(0.0070)
1,2-Dibromo-3-chloropropane	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA	ND(0.0061)	ND(0.0070)
1,2-Dibromoethane	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA	ND(0.0061)	ND(0.0070)
1,2-Dichloroethane	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA	ND(0.0061)	ND(0.0070)
1,2-Dichloropropane	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA	ND(0.0061)	ND(0.0070)
1,4-Dioxane	ND(0.20) J [ND(0.18) J]	ND(0.11) J	NA	NA	ND(0.12) J	NA	ND(0.12) J	ND(0.14) J
2-Butanone	ND(0.020) [ND(0.018)]	ND(0.011)	NA	NA	ND(0.012)	NA	ND(0.012)	ND(0.014)
2-Chloro-1,3-butadiene	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA	ND(0.0061)	ND(0.0070)
2-Chloroethylvinylether	ND(0.010) J [ND(0.0090)]	ND(0.0056) J	NA	NA	ND(0.0061)	NA	ND(0.0061)	ND(0.0070)
2-Hexanone	ND(0.020) [ND(0.018)]	ND(0.011)	NA	NA	ND(0.012)	NA	ND(0.012)	ND(0.014)
3-Chloropropene	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA	ND(0.0061)	ND(0.0070)
4-Methyl-2-pentanone	ND(0.020) [ND(0.018)]	ND(0.011)	NA	NA	ND(0.012)	NA	ND(0.012)	ND(0.014)
Acetone	ND(0.040) [ND(0.036)]	0.022	NA	NA	ND(0.024)	NA	ND(0.024)	0.033
Acetonitrile	ND(0.20) [ND(0.18)]	ND(0.11)	NA	NA	ND(0.12)	NA	ND(0.12)	ND(0.14)
Acrolein	ND(0.20) J [ND(0.18) J]	ND(0.11) J	NA	NA	ND(0.12) J	NA	ND(0.12) J	ND(0.14) J
Acrylonitrile	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA	ND(0.0061)	ND(0.0070)
Benzene	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA	ND(0.0061)	0.0052 J
Bromodichloromethane	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA	ND(0.0061)	ND(0.0070)
Bromoform	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA	ND(0.0061)	ND(0.0070)
Bromomethane	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA	ND(0.0061)	ND(0.0070)
Carbon Disulfide	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA	ND(0.0061)	ND(0.0070)
Carbon Tetrachloride	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061) J	NA	ND(0.0061) J	ND(0.0070) J
Chlorobenzene	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA	ND(0.0061)	ND(0.0070)
Chloroethane	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA	ND(0.0061)	ND(0.0070)
Chloroform	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA	ND(0.0061)	ND(0.0070)
Chloromethane	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA	ND(0.0061)	ND(0.0070)
cis-1,3-Dichloropropene	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA	ND(0.0061)	ND(0.0070)
Dibromochloromethane	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA	ND(0.0061)	ND(0.0070)
Dibromomethane	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA	ND(0.0061)	ND(0.0070)
Dichlorodifluoromethane	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA	ND(0.0061)	ND(0.0070)
Ethyl Methacrylate	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA	ND(0.0061)	ND(0.0070)
Ethylbenzene	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA	ND(0.0061)	ND(0.0070)
Iodomethane	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA	ND(0.0061)	ND(0.0070)
Isobutanol	ND(0.20) [ND(0.18)]	ND(0.11)	NA	NA	ND(0.12)	NA	ND(0.12)	ND(0.14)
Methacrylonitrile	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA	ND(0.0061)	ND(0.0070)
Methyl Methacrylate	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA	ND(0.0061)	ND(0.0070)
Methylene Chloride	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA	ND(0.0061)	ND(0.0070)
Propionitrile	ND(0.020) [ND(0.018) J]	ND(0.011)	NA	NA	ND(0.012) J	NA	ND(0.012) J	ND(0.014) J
Styrene	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA	ND(0.0061)	ND(0.0070)
Tetrachloroethene	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA	ND(0.0061)	ND(0.0070)
Toluene	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA	ND(0.0061)	ND(0.0070)
trans-1,2-Dichloroethene	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA	ND(0.0061)	ND(0.0070)
trans-1,3-Dichloropropene	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA	ND(0.0061)	ND(0.0070)
trans-1,4-Dichloro-2-butene	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA	ND(0.0061)	ND(0.0070)
Trichloroethene	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA	ND(0.0061)	ND(0.0070)
Trichlorofluoromethane	ND(0.010) J [ND(0.0090)]	ND(0.0056) J	NA	NA	ND(0.0061)	NA	ND(0.0061)	ND(0.0070)
Vinyl Acetate	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA	ND(0.0061)	ND(0.0070)
Vinyl Chloride	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA	ND(0.0061)	ND(0.0070)
Xylenes (total)	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA	ND(0.0061)	ND(0.0070)
Semivolatile Organics								
1,2,4,5-Tetrachlorobenzene	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
1,2,4-Trichlorobenzene	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
1,2-Dichlorobenzene	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
1,2-Diphenylhydrazine	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
1,3,5-Trinitrobenzene	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
1,3-Dichlorobenzene	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
1,3-Dinitrobenzene	NA	ND(0.74)	ND(1.0)	ND(4.1)	NA	ND(0.82)	NA	NA
1,4-Dichlorobenzene	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
1,4-Naphthoquinone	NA	ND(0.74)	ND(1.0)	ND(4.1)	NA	ND(0.82)	NA	NA
1-Naphthylamine	NA	ND(0.74)	ND(1.0)	ND(4.1)	NA	ND(0.82)	NA	NA
2,3,4,6-Tetrachlorophenol	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-V2 8-10 08/22/02	RAA12-V4 0-1 08/22/02	RAA12-V5 3-6 08/26/02	RAA12-V6 3-6 08/23/02	RAA12-V6 4-6 08/23/02	RAA12-V6 6-10 08/23/02	RAA12-V6 8-10 08/23/02	RAA12-V6 10-12 08/23/02
Semivolatile Organics (continued)								
2,4,5-Trichlorophenol	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
2,4,6-Trichlorophenol	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
2,4-Dichlorophenol	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
2,4-Dimethylphenol	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
2,4-Dinitrophenol	NA	ND(1.9)	ND(2.6)	ND(20)	NA	ND(2.1)	NA	NA
2,4-Dinitrotoluene	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
2,6-Dichlorophenol	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
2,6-Dinitrotoluene	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
2-Acetylaminofluorene	NA	ND(0.74)	ND(1.0)	ND(4.1)	NA	ND(0.82)	NA	NA
2-Chloronaphthalene	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
2-Chlorophenol	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
2-Methylnaphthalene	NA	ND(0.37)	ND(0.51)	6.7	NA	3.4	NA	NA
2-Methylphenol	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
2-Naphthylamine	NA	ND(0.74)	ND(1.0)	ND(4.1)	NA	ND(0.82)	NA	NA
2-Nitroaniline	NA	ND(1.9)	ND(2.6)	ND(20)	NA	ND(2.1)	NA	NA
2-Nitrophenol	NA	ND(0.74)	ND(1.0)	ND(4.1)	NA	ND(0.82)	NA	NA
2-Picoline	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
3&4-Methylphenol	NA	ND(0.74)	ND(1.0)	ND(4.1)	NA	ND(0.82)	NA	NA
3,3'-Dichlorobenzidine	NA	ND(0.74)	ND(1.0)	ND(8.2) J	NA	ND(0.82) J	NA	NA
3,3'-Dimethylbenzidine	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
3-Methylcholanthrene	NA	ND(0.74)	ND(1.0)	ND(4.1)	NA	ND(0.82)	NA	NA
3-Nitroaniline	NA	ND(1.9)	ND(2.6)	ND(20)	NA	ND(2.1)	NA	NA
4,6-Dinitro-2-methylphenol	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
4-Aminobiphenyl	NA	ND(0.74) J	ND(1.0)	ND(4.1)	NA	ND(0.82)	NA	NA
4-Bromophenyl-phenylether	NA	ND(0.37)	ND(0.51)	ND(4.1) J	NA	ND(0.41) J	NA	NA
4-Chloro-3-Methylphenol	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
4-Chloroaniline	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
4-Chlorobenzilate	NA	ND(0.74)	ND(1.0)	ND(4.1)	NA	ND(0.82)	NA	NA
4-Chlorophenyl-phenylether	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
4-Nitroaniline	NA	ND(1.9)	ND(2.6)	ND(4.1)	NA	ND(2.1)	NA	NA
4-Nitrophenol	NA	ND(1.9)	ND(2.6)	ND(20)	NA	ND(2.1)	NA	NA
4-Nitroquinoline-1-oxide	NA	ND(0.74)	ND(1.0)	ND(4.1)	NA	ND(0.82)	NA	NA
4-Phenylenediamine	NA	ND(0.74) J	ND(1.0) J	ND(4.1) J	NA	ND(0.82) J	NA	NA
5-Nitro-o-toluidine	NA	ND(0.74)	ND(1.0)	ND(4.1)	NA	ND(0.82)	NA	NA
7,12-Dimethylbenz(a)anthracene	NA	ND(0.74)	ND(1.0)	ND(4.1)	NA	ND(0.82)	NA	NA
a,a'-Dimethylphenethylamine	NA	ND(0.74)	ND(1.0)	ND(4.1) J	NA	ND(0.82) J	NA	NA
Acenaphthene	NA	ND(0.37)	ND(0.51)	28	NA	16	NA	NA
Acenaphthylene	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	0.27 J	NA	NA
Acetophenone	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
Aniline	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
Anthracene	NA	ND(0.37)	ND(0.51)	66	NA	43	NA	NA
Aramite	NA	ND(0.74) J	ND(1.0) J	ND(4.1) J	NA	ND(0.82) J	NA	NA
Benzidine	NA	ND(0.74) J	ND(1.0) J	ND(8.2) J	NA	ND(0.82) J	NA	NA
Benzo(a)anthracene	NA	0.13 J	0.35 J	100	NA	45	NA	NA
Benzo(a)pyrene	NA	0.096 J	0.51	47	NA	26	NA	NA
Benzo(b)fluoranthene	NA	0.17 J	ND(0.51)	48	NA	16	NA	NA
Benzo(g,h,i)perylene	NA	0.097 J	0.44 J	23	NA	12	NA	NA
Benzo(k)fluoranthene	NA	0.097 J	0.51	41	NA	29	NA	NA
Benzyl Alcohol	NA	ND(0.74)	ND(1.0)	ND(8.2)	NA	ND(0.82)	NA	NA
bis(2-Chloroethoxy)methane	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
bis(2-Chloroethyl)ether	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
bis(2-Chloroisopropyl)ether	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
bis(2-Ethylhexyl)phthalate	NA	ND(0.37)	ND(0.50)	4.4	NA	ND(0.40)	NA	NA
Butylbenzylphthalate	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
Chrysene	NA	0.20 J	0.49 J	77	NA	42	NA	NA
Diallate	NA	ND(0.74) J	ND(1.0)	ND(4.1)	NA	ND(0.82)	NA	NA
Dibenzo(a,h)anthracene	NA	ND(0.37)	ND(0.51)	11	NA	5.6	NA	NA
Dibenzofuran	NA	ND(0.37)	ND(0.51)	20	NA	12	NA	NA
Diethylphthalate	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
Dimethylphthalate	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
Di-n-Butylphthalate	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
Di-n-Octylphthalate	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
Diphenylamine	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
Ethyl Methanesulfonate	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
Fluoranthene	NA	0.17 J	0.28 J	250	NA	95	NA	NA

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-V2 8-10 08/22/02	RAA12-V4 0-1 08/22/02	RAA12-V5 3-6 08/26/02	RAA12-V6 3-6 08/23/02	RAA12-V6 4-6 08/23/02	RAA12-V6 6-10 08/23/02	RAA12-V6 8-10 08/23/02	RAA12-V6 10-12 08/23/02
Semivolatile Organics (continued)								
Fluorene	NA	ND(0.37)	ND(0.51)	36	NA	22	NA	NA
Hexachlorobenzene	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
Hexachlorobutadiene	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
Hexachlorocyclopentadiene	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
Hexachloroethane	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
Hexachlorophene	NA	ND(0.74)	ND(1.0)	ND(8.2)	NA	ND(0.82)	NA	NA
Hexachloropropene	NA	ND(0.37) J	ND(0.51) J	ND(4.1)	NA	ND(0.41)	NA	NA
Indeno(1,2,3-cd)pyrene	NA	ND(0.37)	0.37 J	24	NA	9.9	NA	NA
Isodrin	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
Isophorone	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
Isosafrole	NA	ND(0.74)	ND(1.0)	ND(4.1)	NA	ND(0.82)	NA	NA
Methapyrilene	NA	ND(0.74)	ND(1.0)	ND(4.1) J	NA	ND(0.82) J	NA	NA
Methyl Methanesulfonate	NA	ND(0.37)	ND(0.51)	ND(4.1) J	NA	ND(0.41) J	NA	NA
Naphthalene	NA	ND(0.37)	ND(0.51)	32	NA	10	NA	NA
Nitrobenzene	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
N-Nitrosodiethylamine	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
N-Nitrosodimethylamine	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
N-Nitroso-di-n-butylamine	NA	ND(0.74)	ND(1.0)	ND(4.1)	NA	ND(0.82)	NA	NA
N-Nitroso-di-n-propylamine	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
N-Nitrosodiphenylamine	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
N-Nitrosomethylethylamine	NA	ND(0.74)	ND(1.0)	ND(4.1)	NA	ND(0.82)	NA	NA
N-Nitrosomorpholine	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
N-Nitrosopiperidine	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
N-Nitrosopyrrolidine	NA	ND(0.74)	ND(1.0)	ND(4.1)	NA	ND(0.82)	NA	NA
o,o,o-Triethylphosphorothioate	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
o-Toluidine	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
p-Dimethylaminoazobenzene	NA	ND(0.74)	ND(1.0)	ND(4.1)	NA	ND(0.82)	NA	NA
Pentachlorobenzene	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
Pentachloroethane	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
Pentachloronitrobenzene	NA	ND(0.74)	ND(1.0) J	ND(4.1)	NA	ND(0.82)	NA	NA
Pentachlorophenol	NA	ND(1.9)	ND(2.6)	ND(20)	NA	ND(2.1)	NA	NA
Phenacetin	NA	ND(0.74)	ND(1.0)	ND(4.1)	NA	ND(0.82)	NA	NA
Phenanthrene	NA	0.099 J	0.17 J	230	NA	110	NA	NA
Phenol	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
Pronamide	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
Pyrene	NA	0.39	0.76	330	NA	140	NA	NA
Pyridine	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
Safrole	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
Thionazin	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)	NA	NA
Organochlorine Pesticides								
4,4'-DDD	NA	NA	ND(0.016)	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	ND(0.016)	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	ND(0.016)	NA	NA	NA	NA	NA
Aldrin	NA	NA	ND(0.0080)	NA	NA	NA	NA	NA
Alpha-BHC	NA	NA	ND(0.0080)	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	ND(0.0080)	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	ND(0.0080)	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	ND(0.0080)	NA	NA	NA	NA	NA
Dieldrin	NA	NA	ND(0.016)	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	ND(0.016)	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	ND(0.016)	NA	NA	NA	NA	NA
Endosulfan Sulfate	NA	NA	ND(0.016)	NA	NA	NA	NA	NA
Endrin	NA	NA	ND(0.016)	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	ND(0.016)	NA	NA	NA	NA	NA
Endrin Ketone	NA	NA	ND(0.016)	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	ND(0.0080)	NA	NA	NA	NA	NA
Gamma-Chlordane	NA	NA	ND(0.0080)	NA	NA	NA	NA	NA
Heptachlor	NA	NA	ND(0.0080)	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	ND(0.0080)	NA	NA	NA	NA	NA
Kepone	NA	NA	ND(0.51)	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	ND(0.080)	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	ND(0.13)	NA	NA	NA	NA	NA
Toxaphene	NA	NA	ND(0.24)	NA	NA	NA	NA	NA

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-V2 8-10 08/22/02	RAA12-V4 0-1 08/22/02	RAA12-V5 3-6 08/26/02	RAA12-V6 3-6 08/23/02	RAA12-V6 4-6 08/23/02	RAA12-V6 6-10 08/23/02	RAA12-V6 8-10 08/23/02	RAA12-V6 10-12 08/23/02
Organophosphate Pesticides								
Dimethoate	NA	NA	ND(2.6)	NA	NA	NA	NA	NA
Disulfoton	NA	NA	ND(1.0)	NA	NA	NA	NA	NA
Ethyl Parathion	NA	NA	ND(1.0)	NA	NA	NA	NA	NA
Famphur	NA	NA	ND(0.51)	NA	NA	NA	NA	NA
Methyl Parathion	NA	NA	ND(1.0)	NA	NA	NA	NA	NA
Phorate	NA	NA	ND(1.0)	NA	NA	NA	NA	NA
Sulfotep	NA	NA	ND(1.0)	NA	NA	NA	NA	NA
Herbicides								
2,4,5-T	NA	NA	ND(0.49)	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	ND(0.49)	NA	NA	NA	NA	NA
2,4-D	NA	NA	ND(0.80)	NA	NA	NA	NA	NA
Dinoseb	NA	NA	ND(0.51)	NA	NA	NA	NA	NA
Furans								
2,3,7,8-TCDF	NA	0.000023 Y	NA	0.0000083 J	NA	0.0000042 J	NA	NA
TCDFs (total)	NA	0.00025	NA	0.000051	NA	0.0000091	NA	NA
1,2,3,7,8-PeCDF	NA	0.000016	NA	ND(0.0000028) X	NA	0.0000013 J	NA	NA
2,3,4,7,8-PeCDF	NA	0.000042	NA	0.0000048 J	NA	0.0000039 J	NA	NA
PeCDFs (total)	NA	0.00038 QI	NA	0.000028 Q	NA	0.000018	NA	NA
1,2,3,4,7,8-HxCDF	NA	0.000053	NA	0.0000049 J	NA	0.0000036 J	NA	NA
1,2,3,6,7,8-HxCDF	NA	0.000026	NA	0.0000030 J	NA	0.0000021 J	NA	NA
1,2,3,7,8,9-HxCDF	NA	0.000011	NA	ND(0.0000031)	NA	ND(0.0000028)	NA	NA
2,3,4,6,7,8-HxCDF	NA	0.000034	NA	0.0000022 J	NA	0.0000016 J	NA	NA
HxCDFs (total)	NA	0.00045	NA	0.000023	NA	0.000016	NA	NA
1,2,3,4,6,7,8-HpCDF	NA	0.000062	NA	0.0000031 J	NA	0.0000022 J	NA	NA
1,2,3,4,7,8,9-HpCDF	NA	0.000017	NA	ND(0.0000031)	NA	ND(0.0000028)	NA	NA
HpCDFs (total)	NA	0.00015	NA	0.0000031	NA	0.0000022	NA	NA
OCDF	NA	0.000068	NA	ND(0.0000063)	NA	ND(0.0000057)	NA	NA
Dioxins								
2,3,7,8-TCDD	NA	0.00000051 J	NA	ND(0.0000025)	NA	ND(0.0000028)	NA	NA
TCDDs (total)	NA	0.000012	NA	ND(0.0000046)	NA	ND(0.0000028)	NA	NA
1,2,3,7,8-PeCDD	NA	ND(0.0000035) X	NA	ND(0.0000031)	NA	ND(0.0000028)	NA	NA
PeCDDs (total)	NA	0.000035 Q	NA	ND(0.0000051)	NA	ND(0.0000042)	NA	NA
1,2,3,4,7,8-HxCDD	NA	0.0000022 J	NA	ND(0.0000040)	NA	ND(0.0000036)	NA	NA
1,2,3,6,7,8-HxCDD	NA	0.0000048	NA	ND(0.0000035)	NA	ND(0.0000032)	NA	NA
1,2,3,7,8,9-HxCDD	NA	0.0000039	NA	ND(0.0000036)	NA	ND(0.0000033)	NA	NA
HxCDDs (total)	NA	0.000059	NA	ND(0.0000037)	NA	ND(0.0000034)	NA	NA
1,2,3,4,6,7,8-HpCDD	NA	0.000028	NA	ND(0.0000032)	NA	0.0000020 J	NA	NA
HpCDDs (total)	NA	0.000055	NA	ND(0.0000032)	NA	0.0000020	NA	NA
OCDD	NA	0.00017	NA	ND(0.0000096) X	NA	0.0000084 J	NA	NA
Total TEQs (WHO TEFs)	NA	0.000041	NA	0.0000079	NA	0.0000067	NA	NA
Inorganics								
Antimony	NA	3.60 J	NA	1.80 B	NA	7.00	NA	NA
Arsenic	NA	4.80 J	NA	11.0	NA	6.20	NA	NA
Barium	NA	27.0 J	NA	96.0	NA	95.0	NA	NA
Beryllium	NA	0.200 J	NA	0.600	NA	0.800	NA	NA
Cadmium	NA	0.580	NA	1.40	NA	1.00	NA	NA
Chromium	NA	7.50 J	NA	18.0	NA	180	NA	NA
Cobalt	NA	5.00 J	NA	8.50	NA	7.40	NA	NA
Copper	NA	45.0 J	NA	85.0	NA	120	NA	NA
Cyanide	NA	ND(0.220) J	NA	0.650	NA	0.180	NA	NA
Lead	NA	69.0 J	NA	55.0	NA	1200	NA	NA
Mercury	NA	0.0700 B	NA	0.700	NA	5.90	NA	NA
Nickel	NA	11.0 J	NA	10.0	NA	10.0	NA	NA
Selenium	NA	ND(1.00) J	NA	3.70	NA	0.590 B	NA	NA
Silver	NA	ND(1.00) J	NA	0.880 B	NA	0.500 B	NA	NA
Sulfide	NA	39.0	NA	750	NA	500	NA	NA
Thallium	NA	ND(1.10)	NA	ND(1.20)	NA	ND(1.20)	NA	NA
Tin	NA	7.20 J	NA	ND(12.0)	NA	20.0	NA	NA
Vanadium	NA	7.50	NA	19.0	NA	13.0	NA	NA
Zinc	NA	83.0 J	NA	300	NA	230	NA	NA

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

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

Sample ID:	RAA12-V6	RAA12-W3	RAA12-W5	RAA12-W6	RAA12-X2	RAA12-X2	RAA12-X2	RAA12-Y4
Sample Depth(Feet):	10-15	0-1	0-1	0-1	0-1	10-12	10-15	0-1
Parameter Date Collected:	08/23/02	08/22/02	08/22/02	08/14/02	08/22/02	08/22/02	08/22/02	08/21/02
Volatile Organics								
1,1,1,2-Tetrachloroethane	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0051)	ND(0.0069)	NA	ND(0.0060)
1,1,1-Trichloroethane	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0051)	ND(0.0069)	NA	ND(0.0060)
1,1,2,2-Tetrachloroethane	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0051)	ND(0.0069)	NA	ND(0.0060)
1,1,2-Trichloroethane	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0051)	ND(0.0069)	NA	ND(0.0060)
1,1-Dichloroethane	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0051)	ND(0.0069)	NA	ND(0.0060)
1,1-Dichloroethene	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0051)	ND(0.0069)	NA	ND(0.0060)
1,2,3-Trichloropropane	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0051)	ND(0.0069)	NA	ND(0.0060)
1,2-Dibromo-3-chloropropane	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0051)	ND(0.0069)	NA	ND(0.0060)
1,2-Dibromoethane	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0051)	ND(0.0069)	NA	ND(0.0060)
1,2-Dichloroethane	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0051)	ND(0.0069)	NA	ND(0.0060) J
1,2-Dichloropropane	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0051)	ND(0.0069)	NA	ND(0.0060)
1,4-Dioxane	NA	ND(0.10) J	ND(0.11) J	ND(0.11) J	ND(0.10) J	ND(0.14) J	NA	ND(0.12) J
2-Butanone	NA	ND(0.010)	ND(0.011)	ND(0.011)	ND(0.010)	ND(0.014)	NA	ND(0.012)
2-Chloro-1,3-butadiene	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0051)	ND(0.0069)	NA	ND(0.0060)
2-Chloroethylvinylether	NA	ND(0.0052) J	ND(0.0055) J	ND(0.0055) J	ND(0.0051) J	ND(0.0069) J	NA	ND(0.0060)
2-Hexanone	NA	ND(0.010)	ND(0.011)	ND(0.011)	ND(0.010)	ND(0.014)	NA	ND(0.012)
3-Chloropropene	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0051)	ND(0.0069)	NA	ND(0.0060)
4-Methyl-2-pentanone	NA	ND(0.010)	ND(0.011)	ND(0.011)	ND(0.010)	ND(0.014)	NA	ND(0.012)
Acetone	NA	ND(0.021)	ND(0.022)	ND(0.022)	ND(0.020)	ND(0.028)	NA	ND(0.024)
Acetonitrile	NA	ND(0.10)	ND(0.11)	ND(0.11)	ND(0.10)	ND(0.14)	NA	ND(0.12)
Acrolein	NA	ND(0.10) J	ND(0.11) J	ND(0.11) J	ND(0.10) J	ND(0.14) J	NA	ND(0.12) J
Acrylonitrile	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0051)	ND(0.0069)	NA	ND(0.0060)
Benzene	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0051)	ND(0.0069)	NA	ND(0.0060)
Bromodichloromethane	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0051)	ND(0.0069)	NA	ND(0.0060)
Bromoform	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0051)	ND(0.0069)	NA	ND(0.0060)
Bromomethane	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0051)	ND(0.0069)	NA	ND(0.0060)
Carbon Disulfide	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0051)	ND(0.0069)	NA	ND(0.0060) J
Carbon Tetrachloride	NA	ND(0.0052)	ND(0.0055)	ND(0.0055) J	ND(0.0051)	ND(0.0069)	NA	ND(0.0060)
Chlorobenzene	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0051)	ND(0.0069)	NA	ND(0.0060)
Chloroethane	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0051)	ND(0.0069)	NA	ND(0.0060)
Chloroform	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0051)	ND(0.0069)	NA	ND(0.0060)
Chloromethane	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0051)	ND(0.0069)	NA	ND(0.0060)
cis-1,3-Dichloropropene	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0051)	ND(0.0069)	NA	ND(0.0060)
Dibromochloromethane	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0051)	ND(0.0069)	NA	ND(0.0060)
Dibromomethane	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0051)	ND(0.0069)	NA	ND(0.0060)
Dichlorodifluoromethane	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0051)	ND(0.0069)	NA	ND(0.0060) J
Ethyl Methacrylate	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0051)	ND(0.0069)	NA	ND(0.0060)
Ethylbenzene	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0051)	ND(0.0069)	NA	ND(0.0060)
Iodomethane	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0051)	ND(0.0069)	NA	ND(0.0060)
Isobutanol	NA	ND(0.10)	ND(0.11)	ND(0.11)	ND(0.10)	ND(0.14)	NA	ND(0.12)
Methacrylonitrile	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0051)	ND(0.0069)	NA	ND(0.0060)
Methyl Methacrylate	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0051)	ND(0.0069)	NA	ND(0.0060)
Methylene Chloride	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0051)	ND(0.0069)	NA	ND(0.0060)
Propionitrile	NA	ND(0.010)	ND(0.011)	ND(0.011) J	ND(0.010)	ND(0.014)	NA	ND(0.012)
Styrene	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0051)	ND(0.0069)	NA	ND(0.0060)
Tetrachloroethene	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0051)	ND(0.0069)	NA	ND(0.0060)
Toluene	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0051)	ND(0.0069)	NA	ND(0.0060)
trans-1,2-Dichloroethene	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0051)	ND(0.0069)	NA	ND(0.0060)
trans-1,3-Dichloropropene	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0051)	ND(0.0069)	NA	ND(0.0060)
trans-1,4-Dichloro-2-butene	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0051)	ND(0.0069)	NA	ND(0.0060)
Trichloroethene	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0051)	ND(0.0069)	NA	ND(0.0060)
Trichlorofluoromethane	NA	ND(0.0052) J	ND(0.0055) J	ND(0.0055)	ND(0.0051) J	ND(0.0069) J	NA	ND(0.0060) J
Vinyl Acetate	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0051)	ND(0.0069)	NA	ND(0.0060) J
Vinyl Chloride	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0051)	ND(0.0069)	NA	ND(0.0060)
Xylenes (total)	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0051)	ND(0.0069)	NA	ND(0.0060)
Semivolatile Organics								
1,2,4,5-Tetrachlorobenzene	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
1,2,4-Trichlorobenzene	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
1,2-Dichlorobenzene	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
1,2-Diphenylhydrazine	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40) J
1,3,5-Trinitrobenzene	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
1,3-Dichlorobenzene	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
1,3-Dinitrobenzene	ND(0.94)	ND(0.70)	ND(0.74)	ND(0.74)	ND(0.69)	NA	ND(0.92)	ND(0.80)
1,4-Dichlorobenzene	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
1,4-Naphthoquinone	ND(0.94)	ND(0.70)	ND(0.74)	ND(0.74)	ND(0.69)	NA	ND(0.92)	ND(0.80)
1-Naphthylamine	ND(0.94)	ND(0.70)	ND(0.74)	ND(0.74)	ND(0.69)	NA	ND(0.92)	ND(0.80)
2,3,4,6-Tetrachlorophenol	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-V6 10-15 08/23/02	RAA12-W3 0-1 08/22/02	RAA12-W5 0-1 08/22/02	RAA12-W6 0-1 08/14/02	RAA12-X2 0-1 08/22/02	RAA12-X2 10-12 08/22/02	RAA12-X2 10-15 08/22/02	RAA12-Y4 0-1 08/21/02
Semivolatile Organics (continued)								
2,4,5-Trichlorophenol	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
2,4,6-Trichlorophenol	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
2,4-Dichlorophenol	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
2,4-Dimethylphenol	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
2,4-Dinitrophenol	ND(2.4)	ND(1.8)	ND(1.9)	ND(1.9)	ND(1.7)	NA	ND(2.3)	ND(2.0)
2,4-Dinitrotoluene	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
2,6-Dichlorophenol	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
2,6-Dinitrotoluene	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
2-Acetylaminofluorene	ND(0.94)	ND(0.70)	ND(0.74)	ND(0.74)	ND(0.69)	NA	ND(0.92)	ND(0.80)
2-Chloronaphthalene	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
2-Chlorophenol	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
2-Methylnaphthalene	0.49	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
2-Methylphenol	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
2-Naphthylamine	ND(0.94)	ND(0.70)	ND(0.74)	ND(0.74)	ND(0.69)	NA	ND(0.92)	ND(0.80)
2-Nitroaniline	ND(2.4)	ND(1.8)	ND(1.9)	ND(1.9)	ND(1.7)	NA	ND(2.3)	ND(2.0)
2-Nitrophenol	ND(0.94)	ND(0.70)	ND(0.74)	ND(0.74)	ND(0.69)	NA	ND(0.92)	ND(0.80)
2-Picoline	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
3&4-Methylphenol	ND(0.94)	ND(0.70)	ND(0.74)	ND(0.74)	ND(0.69)	NA	ND(0.92)	ND(0.80)
3,3'-Dichlorobenzidine	ND(0.94) J	ND(0.70)	ND(0.74)	ND(0.74)	ND(0.69)	NA	ND(0.92)	ND(0.80)
3,3'-Dimethylbenzidine	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
3-Methylcholanthrene	ND(0.94)	ND(0.70)	ND(0.74)	ND(0.74)	ND(0.69)	NA	ND(0.92)	ND(0.80)
3-Nitroaniline	ND(2.4)	ND(1.8)	ND(1.9)	ND(1.9)	ND(1.7)	NA	ND(2.3)	ND(2.0)
4,6-Dinitro-2-methylphenol	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
4-Aminobiphenyl	ND(0.94)	ND(0.70) J	ND(0.74) J	ND(0.74) J	ND(0.69) J	NA	ND(0.92) J	ND(0.80)
4-Bromophenyl-phenylether	ND(0.47) J	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
4-Chloro-3-Methylphenol	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
4-Chloroaniline	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
4-Chlorobenzilate	ND(0.94)	ND(0.70)	ND(0.74)	ND(0.74)	ND(0.69)	NA	ND(0.92)	ND(0.80) J
4-Chlorophenyl-phenylether	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
4-Nitroaniline	ND(2.4)	ND(1.8)	ND(1.9)	ND(1.9)	ND(1.7)	NA	ND(2.3)	ND(2.0)
4-Nitrophenol	ND(2.4)	ND(1.8)	ND(1.9)	ND(1.9)	ND(1.7)	NA	ND(2.3)	ND(2.0)
4-Nitroquinoline-1-oxide	ND(0.94)	ND(0.70)	ND(0.74)	ND(0.74)	ND(0.69)	NA	ND(0.92)	ND(0.80)
4-Phenylenediamine	ND(0.94) J	ND(0.70) J	ND(0.74) J	ND(0.74) J	ND(0.69) J	NA	ND(0.92) J	ND(0.80) J
5-Nitro-o-toluidine	ND(0.94)	ND(0.70)	ND(0.74)	ND(0.74) J	ND(0.69)	NA	ND(0.92)	ND(0.80)
7,12-Dimethylbenz(a)anthracene	ND(0.94)	ND(0.70)	ND(0.74)	ND(0.74)	ND(0.69)	NA	ND(0.92)	ND(0.80)
a,a'-Dimethylphenethylamine	ND(0.94) J	ND(0.70)	ND(0.74)	ND(0.74) J	ND(0.69)	NA	ND(0.92)	ND(0.80)
Acenaphthene	0.98	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
Acenaphthylene	1.2	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
Acetophenone	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
Aniline	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
Anthracene	3.8	ND(0.35)	0.28 J	0.11 J	ND(0.34)	NA	ND(0.46)	ND(0.40)
Aramite	ND(0.94) J	ND(0.70) J	ND(0.74) J	ND(0.74) J	ND(0.69) J	NA	ND(0.92) J	ND(0.80) J
Benzidine	ND(0.94) J	ND(0.70) J	ND(0.74) J	ND(0.74)	ND(0.69) J	NA	ND(0.92) J	ND(0.80) J
Benzo(a)anthracene	2.4	0.074 J	ND(0.37)	0.53	ND(0.34)	NA	ND(0.46)	0.26 J
Benzo(a)pyrene	1.2	ND(0.35)	0.13 J	0.50	ND(0.34)	NA	ND(0.46)	0.21 J
Benzo(b)fluoranthene	0.98	ND(0.35)	ND(0.37)	0.50	ND(0.34)	NA	ND(0.46)	0.18 J
Benzo(g,h,i)perylene	0.90	ND(0.35)	0.13 J	0.41	ND(0.34)	NA	ND(0.46)	0.16 J
Benzo(k)fluoranthene	1.4	ND(0.35)	ND(0.37)	0.53	ND(0.34)	NA	ND(0.46)	0.22 J
Benzyl Alcohol	ND(0.94)	ND(0.70)	ND(0.74)	ND(0.74)	ND(0.69)	NA	ND(0.92)	ND(0.80)
bis(2-Chloroethoxy)methane	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
bis(2-Chloroethyl)ether	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
bis(2-Chloroisopropyl)ether	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
bis(2-Ethylhexyl)phthalate	ND(0.46)	ND(0.34)	ND(0.36)	0.37	ND(0.34)	NA	ND(0.46)	ND(0.39)
Butylbenzylphthalate	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
Chrysene	2.1	0.12 J	0.29 J	0.63	0.077 J	NA	ND(0.46)	0.27 J
Diallate	ND(0.94)	ND(0.70) J	ND(0.74) J	ND(0.74)	ND(0.69) J	NA	ND(0.92) J	ND(0.80) J
Dibenzo(a,h)anthracene	ND(0.47)	ND(0.35)	ND(0.37)	0.11 J	ND(0.34)	NA	ND(0.46)	ND(0.40)
Dibenzofuran	2.7	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
Diethylphthalate	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
Dimethylphthalate	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
Di-n-Butylphthalate	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
Di-n-Octylphthalate	ND(0.47)	ND(0.35)	ND(0.37)	0.096 J	ND(0.34)	NA	ND(0.46)	ND(0.40)
Diphenylamine	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
Ethyl Methanesulfonate	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
Fluoranthene	7.5	0.11 J	0.44	0.87	0.072 J	NA	ND(0.46)	0.34 J

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

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

Sample ID:	RAA12-V6	RAA12-W3	RAA12-W5	RAA12-W6	RAA12-X2	RAA12-X2	RAA12-X2	RAA12-Y4
Sample Depth(Feet):	10-15	0-1	0-1	0-1	0-1	10-12	10-15	0-1
Parameter Date Collected:	08/23/02	08/22/02	08/22/02	08/14/02	08/22/02	08/22/02	08/22/02	08/21/02
Semivolatile Organics (continued)								
Fluorene	2.1	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
Hexachlorobenzene	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
Hexachlorobutadiene	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
Hexachlorocyclopentadiene	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
Hexachloroethane	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
Hexachlorophene	ND(0.94)	ND(0.70)	ND(0.74)	ND(0.74) J	ND(0.69)	NA	ND(0.92)	ND(0.80)
Hexachloropropene	ND(0.47)	ND(0.35) J	ND(0.37) J	ND(0.37) J	ND(0.34) J	NA	ND(0.46) J	ND(0.40)
Indeno(1,2,3-cd)pyrene	0.81	ND(0.35)	0.084 J	0.35 J	ND(0.34)	NA	ND(0.46)	0.12 J
Isodrin	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
Isophorone	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
Isosafrole	ND(0.94)	ND(0.70)	ND(0.74)	ND(0.74)	ND(0.69)	NA	ND(0.92)	ND(0.80)
Methapyrilene	ND(0.94) J	ND(0.70)	ND(0.74)	ND(0.74)	ND(0.69)	NA	ND(0.92)	ND(0.80)
Methyl Methanesulfonate	ND(0.47) J	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
Naphthalene	0.69	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
Nitrobenzene	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
N-Nitrosodiethylamine	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
N-Nitrosodimethylamine	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
N-Nitroso-di-n-butylamine	ND(0.94)	ND(0.70)	ND(0.74)	ND(0.74)	ND(0.69)	NA	ND(0.92)	ND(0.80)
N-Nitroso-di-n-propylamine	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
N-Nitrosodiphenylamine	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
N-Nitrosomethylethylamine	ND(0.94)	ND(0.70)	ND(0.74)	ND(0.74)	ND(0.69)	NA	ND(0.92)	ND(0.80)
N-Nitrosomorpholine	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
N-Nitrosopiperidine	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
N-Nitrosopyrrolidine	ND(0.94)	ND(0.70)	ND(0.74)	ND(0.74) J	ND(0.69)	NA	ND(0.92)	ND(0.80) J
o,o,o-Triethylphosphorothioate	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
o-Toluidine	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
p-Dimethylaminoazobenzene	ND(0.94)	ND(0.70)	ND(0.74)	ND(0.74)	ND(0.69)	NA	ND(0.92)	ND(0.80)
Pentachlorobenzene	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
Pentachloroethane	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
Pentachloronitrobenzene	ND(0.94)	ND(0.70)	ND(0.74)	ND(0.74)	ND(0.69)	NA	ND(0.92)	ND(0.80)
Pentachlorophenol	ND(2.4)	ND(1.8)	ND(1.9)	ND(1.9)	ND(1.7)	NA	ND(2.3)	ND(2.0)
Phenacetin	ND(0.94)	ND(0.70)	ND(0.74)	ND(0.74)	ND(0.69)	NA	ND(0.92)	ND(0.80)
Phenanthrene	21	ND(0.35)	0.19 J	0.60	ND(0.34)	NA	ND(0.46)	0.16 J
Phenol	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
Pronamide	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
Pyrene	8.1	0.22 J	0.42	1.9	0.13 J	NA	ND(0.46)	0.47
Pyridine	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
Safrole	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40)
Thionazin	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)	ND(0.34)	NA	ND(0.46)	ND(0.40) J
Organochlorine Pesticides								
4,4'-DDD	ND(0.016)	NA	NA	ND(5.5)	NA	NA	NA	ND(0.060)
4,4'-DDE	ND(0.016)	NA	NA	ND(5.5)	NA	NA	NA	ND(0.060)
4,4'-DDT	ND(0.016)	NA	NA	ND(5.5)	NA	NA	NA	ND(0.060)
Aldrin	ND(0.0080)	NA	NA	ND(2.8)	NA	NA	NA	ND(0.030)
Alpha-BHC	ND(0.0080)	NA	NA	ND(2.8)	NA	NA	NA	ND(0.030)
Alpha-Chlordane	ND(0.0080)	NA	NA	ND(2.8)	NA	NA	NA	ND(0.030)
Beta-BHC	ND(0.0080)	NA	NA	ND(2.8)	NA	NA	NA	ND(0.030)
Delta-BHC	ND(0.0080)	NA	NA	ND(2.8)	NA	NA	NA	ND(0.030)
Dieldrin	ND(0.016)	NA	NA	ND(5.5)	NA	NA	NA	ND(0.060)
Endosulfan I	ND(0.016)	NA	NA	ND(5.5)	NA	NA	NA	ND(0.060)
Endosulfan II	ND(0.016)	NA	NA	ND(5.5)	NA	NA	NA	ND(0.060)
Endosulfan Sulfate	ND(0.016)	NA	NA	ND(5.5)	NA	NA	NA	ND(0.060)
Endrin	ND(0.016)	NA	NA	ND(5.5)	NA	NA	NA	ND(0.060)
Endrin Aldehyde	ND(0.016)	NA	NA	ND(5.5)	NA	NA	NA	ND(0.060)
Endrin Ketone	ND(0.016)	NA	NA	ND(5.5)	NA	NA	NA	ND(0.060)
Gamma-BHC (Lindane)	ND(0.0080)	NA	NA	ND(2.8)	NA	NA	NA	ND(0.030)
Gamma-Chlordane	ND(0.0080)	NA	NA	ND(2.8)	NA	NA	NA	ND(0.030)
Heptachlor	ND(0.0080)	NA	NA	ND(2.8)	NA	NA	NA	ND(0.030)
Heptachlor Epoxide	ND(0.0080)	NA	NA	ND(2.8)	NA	NA	NA	ND(0.030)
Kepone	ND(0.47)	NA	NA	ND(0.37)	NA	NA	NA	ND(0.40)
Methoxychlor	ND(0.080)	NA	NA	ND(28)	NA	NA	NA	ND(0.30)
Technical Chlordane	ND(0.12)	NA	NA	ND(46)	NA	NA	NA	ND(0.50)
Toxaphene	ND(0.22)	NA	NA	ND(46)	NA	NA	NA	ND(0.50)

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-V6 10-15 08/23/02	RAA12-W3 0-1 08/22/02	RAA12-W5 0-1 08/22/02	RAA12-W6 0-1 08/14/02	RAA12-X2 0-1 08/22/02	RAA12-X2 10-12 08/22/02	RAA12-X2 10-15 08/22/02	RAA12-Y4 0-1 08/21/02
Organophosphate Pesticides								
Dimethoate	ND(2.4)	NA	NA	ND(1.9)	NA	NA	NA	ND(2.0)
Disulfoton	ND(0.94)	NA	NA	ND(0.74)	NA	NA	NA	ND(0.80)
Ethyl Parathion	ND(0.94)	NA	NA	ND(0.74)	NA	NA	NA	ND(0.80)
Famphur	ND(0.47)	NA	NA	ND(0.37)	NA	NA	NA	ND(0.40)
Methyl Parathion	ND(0.94)	NA	NA	ND(0.74)	NA	NA	NA	ND(0.80)
Phorate	ND(0.94)	NA	NA	ND(0.74)	NA	NA	NA	ND(0.80)
Sulfotep	ND(0.94)	NA	NA	ND(0.74)	NA	NA	NA	ND(0.80)
Herbicides								
2,4,5-T	ND(1.3)	NA	NA	ND(1.8)	NA	NA	NA	ND(0.38)
2,4,5-TP	ND(1.3)	NA	NA	ND(1.8)	NA	NA	NA	ND(0.38)
2,4-D	ND(1.3)	NA	NA	ND(1.8)	NA	NA	NA	ND(0.80)
Dinoseb	ND(0.47)	NA	NA	ND(0.36)	NA	NA	NA	ND(0.40)
Furans								
2,3,7,8-TCDF	0.00011 YQ	0.0000035 Y	0.000015 Y	0.000086 Y	0.0000027 Y	NA	ND(0.00000016)	0.000020 YQ
TCDFs (total)	0.00090	0.000058	0.00029	0.00097 I	0.000041	NA	ND(0.00000016)	0.00022
1,2,3,7,8-PeCDF	0.000050	0.0000024 J	0.0000078 J	0.000042 I	0.0000013 J	NA	ND(0.00000030)	0.000012
2,3,4,7,8-PeCDF	0.00013	0.000025	0.000054	0.00019	0.0000086	NA	ND(0.00000030)	0.000067
PeCDFs (total)	0.0011 Q	0.00035 I	0.00060	0.0018 QI	0.00014 QI	NA	ND(0.00000030)	0.00075 I
1,2,3,4,7,8-HxCDF	0.00022	0.000042	0.000022	0.00011	0.0000060	NA	ND(0.00000030)	0.00012
1,2,3,6,7,8-HxCDF	0.000087	0.000014	0.000017 J	0.000073	0.0000048	NA	ND(0.00000030)	0.000040
1,2,3,7,8,9-HxCDF	0.000040	0.000010	0.0000049 J	0.000013 Q	0.0000015 J	NA	ND(0.00000030)	0.000025
2,3,4,6,7,8-HxCDF	0.00011	0.000056	0.000027	0.00011	0.000018	NA	ND(0.00000030)	0.00014
HxCDFs (total)	0.0023	0.00087	0.00034	0.0015 Q	0.00026	NA	ND(0.00000030)	0.0020
1,2,3,4,6,7,8-HpCDF	0.00094	0.000069	0.000036	0.00026	0.000029	NA	ND(0.00000030)	0.00027
1,2,3,4,7,8,9-HpCDF	0.000095	0.000021	0.0000065 J	0.000039	0.0000030	NA	ND(0.00000030)	0.000062
HpCDFs (total)	0.0021	0.00021	0.000079	0.00056	0.000069	NA	ND(0.00000030)	0.00070
OCDF	0.0015	0.000039	0.000040	0.00026	0.000022	NA	ND(0.00000060)	0.00019
Dioxins								
2,3,7,8-TCDD	ND(0.000013) X	ND(0.00000028)	ND(0.0000014)	0.0000019	ND(0.00000019)	NA	ND(0.00000028)	0.0000012 J
TCDDs (total)	0.00035	0.0000047	0.000012	0.000038	0.00000083	NA	ND(0.00000041)	0.000023
1,2,3,7,8-PeCDD	0.000040	0.0000038	ND(0.0000024) X	0.0000079	ND(0.0000010) X	NA	ND(0.00000030)	0.000011
PeCDDs (total)	0.00046 Q	0.000034	0.000016	0.000071 Q	0.0000059	NA	ND(0.00000045)	0.00011
1,2,3,4,7,8-HxCDD	0.00016	0.0000019 J	ND(0.0000022)	0.0000055	0.0000012 J	NA	ND(0.00000035)	0.0000085
1,2,3,6,7,8-HxCDD	0.00015	0.0000074	ND(0.0000041) X	0.000017	0.0000024 J	NA	ND(0.00000031)	0.000024
1,2,3,7,8,9-HxCDD	0.000091	0.0000046	0.0000027 J	0.000012	0.0000024 J	NA	ND(0.00000032)	0.000016
HxCDDs (total)	0.0015	0.00010	0.000026	0.00018 Q	0.000026	NA	ND(0.00000082)	0.00032
1,2,3,4,6,7,8-HpCDD	0.0013	0.000018	0.000027	0.00020	0.000026	NA	0.00000019 J	0.000098
HpCDDs (total)	0.0022	0.000044	0.000053	0.00038	0.000048	NA	ND(0.00000030)	0.00020
OCDD	0.0077	ND(0.000058)	0.00016	0.0018	0.00014	NA	ND(0.00000078) X	0.00042
Total TEQs (WHO TEFs)	0.00024	0.000032	0.000039	0.00015	0.0000095	NA	0.00000049	0.000090
Inorganics								
Antimony	580	ND(6.00) J	1.60 J	3.30 B	1.10 J	NA	ND(6.00) J	1.50 J
Arsenic	7.90	4.40 J	4.70 J	7.90	4.10 J	NA	1.30 J	8.70
Barium	83.0	27.0 J	38.0 J	100	65.0 J	NA	9.80 J	130 J
Beryllium	0.290 B	0.240 J	0.240 J	0.290 B	0.320 J	NA	0.150 J	0.700
Cadmium	2.90	0.420 B	0.840	2.80	0.590	NA	0.230 B	0.830
Chromium	28.0	7.10 J	9.50 J	13.0	6.00 J	NA	6.50 J	15.0
Cobalt	6.20	6.10 J	9.10 J	6.60	7.70 J	NA	6.50 J	9.90
Copper	160	20.0 J	43.0 J	65.0	28.0 J	NA	9.40 J	93.0
Cyanide	0.330	ND(0.100) J	ND(0.220) J	0.320	ND(0.100) J	NA	ND(0.140) J	ND(0.120)
Lead	3500	31.0 J	140 J	580	54.0 J	NA	4.10 J	180 J
Mercury	0.580	0.0380 B	0.140	0.320	0.0810 B	NA	ND(0.140)	0.160
Nickel	14.0	11.0 J	15.0 J	17.0	11.0 J	NA	10.0 J	20.0
Selenium	0.850 B	0.480 J	ND(1.00) J	ND(1.00) J	ND(1.00) J	NA	ND(1.00) J	ND(1.00)
Silver	0.500 B	ND(1.00) J	ND(1.00) J	ND(1.00)	ND(1.00) J	NA	ND(1.00) J	ND(1.00)
Sulfide	600	25.0	26.0	35.0	16.0	NA	62.0	34.0
Thallium	ND(1.40)	ND(1.00)	ND(1.10)	ND(1.60)	ND(1.00)	NA	ND(1.40)	ND(1.20)
Tin	120	4.70 J	7.80 J	40.0	6.60 J	NA	4.50 J	22.0
Vanadium	11.0	7.50	12.0	15.0	7.20	NA	4.70 B	20.0 J
Zinc	190	50.0 J	120 J	300	64.0 J	NA	32.0 J	150 J

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

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

Sample ID:	RAA12-Y4	RAA12-Z3	RAA12-Z4	RAA12-Z4	RAA12-Z4	RAA12-Z4	RAA12-Z4
Sample Depth(Feet):	1-3	0-1	0-1	1-3	3-4	3-6	6-10
Parameter Date Collected:	08/21/02	08/15/02	08/21/02	08/21/02	08/21/02	08/21/02	08/21/02
Volatile Organics							
1,1,1,2-Tetrachloroethane	ND(0.0063) [ND(0.0064)]	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0067)	NA	NA
1,1,1-Trichloroethane	ND(0.0063) [ND(0.0064)]	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0067)	NA	NA
1,1,2,2-Tetrachloroethane	ND(0.0063) [ND(0.0064)]	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0067)	NA	NA
1,1,2-Trichloroethane	ND(0.0063) [ND(0.0064)]	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0067)	NA	NA
1,1-Dichloroethane	ND(0.0063) [ND(0.0064)]	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0067)	NA	NA
1,1-Dichloroethene	ND(0.0063) [ND(0.0064)]	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0067)	NA	NA
1,2,3-Trichloropropane	ND(0.0063) [ND(0.0064)]	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0067)	NA	NA
1,2-Dibromo-3-chloropropane	ND(0.0063) [ND(0.0064)]	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0067)	NA	NA
1,2-Dibromoethane	ND(0.0063) [ND(0.0064)]	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0067)	NA	NA
1,2-Dichloroethane	ND(0.0063) [ND(0.0064) J]	ND(0.0055)	ND(0.0056) J	ND(0.0055) J	ND(0.0067) J	NA	NA
1,2-Dichloropropane	ND(0.0063) [ND(0.0064)]	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0067)	NA	NA
1,4-Dioxane	ND(0.0063) J [ND(0.13) J]	ND(0.11) J	ND(0.11) J	ND(0.11) J	ND(0.13) J	NA	NA
2-Butanone	ND(0.013) [ND(0.013)]	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.013)	NA	NA
2-Chloro-1,3-butadiene	ND(0.0063) [ND(0.0064)]	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0067)	NA	NA
2-Chloroethylvinylether	ND(0.0063) J [ND(0.0064)]	ND(0.0055) J	ND(0.0056)	ND(0.0055)	ND(0.0067)	NA	NA
2-Hexanone	ND(0.013) [ND(0.013)]	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.013)	NA	NA
3-Chloropropene	ND(0.0063) [ND(0.0064)]	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0067)	NA	NA
4-Methyl-2-pentanone	ND(0.013) [ND(0.013)]	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.013)	NA	NA
Acetone	ND(0.025) [ND(0.026)]	ND(0.022)	0.014 J	ND(0.022)	ND(0.027)	NA	NA
Acetonitrile	ND(0.13) [ND(0.13)]	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.13)	NA	NA
Acrolein	ND(0.13) J [ND(0.13) J]	ND(0.11) J	ND(0.11) J	ND(0.11) J	ND(0.13) J	NA	NA
Acrylonitrile	ND(0.0063) [ND(0.0064)]	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0067)	NA	NA
Benzene	ND(0.0063) [ND(0.0064)]	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0067)	NA	NA
Bromodichloromethane	ND(0.0063) [ND(0.0064)]	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0067)	NA	NA
Bromoform	ND(0.0063) [ND(0.0064)]	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0067)	NA	NA
Bromomethane	ND(0.0063) [ND(0.0064)]	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0067)	NA	NA
Carbon Disulfide	ND(0.0063) [ND(0.0064) J]	ND(0.0055)	ND(0.0056) J	ND(0.0055) J	ND(0.0067) J	NA	NA
Carbon Tetrachloride	ND(0.0063) [ND(0.0064)]	ND(0.0055) J	ND(0.0056)	ND(0.0055)	ND(0.0067)	NA	NA
Chlorobenzene	ND(0.0063) [ND(0.0064)]	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0067)	NA	NA
Chloroethane	ND(0.0063) [ND(0.0064)]	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0067)	NA	NA
Chloroform	ND(0.0063) [ND(0.0064)]	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0067)	NA	NA
Chloromethane	ND(0.0063) [ND(0.0064)]	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0067)	NA	NA
cis-1,3-Dichloropropene	ND(0.0063) [ND(0.0064)]	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0067)	NA	NA
Dibromochloromethane	ND(0.0063) [ND(0.0064)]	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0067)	NA	NA
Dibromomethane	ND(0.0063) [ND(0.0064)]	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0067)	NA	NA
Dichlorodifluoromethane	ND(0.0063) [ND(0.0064) J]	ND(0.0055)	ND(0.0056) J	ND(0.0055) J	ND(0.0067) J	NA	NA
Ethyl Methacrylate	ND(0.0063) [ND(0.0064)]	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0067)	NA	NA
Ethylbenzene	ND(0.0063) [ND(0.0064)]	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0067)	NA	NA
Iodomethane	ND(0.0063) [ND(0.0064)]	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0067)	NA	NA
Isobutanol	ND(0.13) [ND(0.13)]	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.13)	NA	NA
Methacrylonitrile	ND(0.0063) [ND(0.0064)]	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0067)	NA	NA
Methyl Methacrylate	ND(0.0063) [ND(0.0064)]	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0067)	NA	NA
Methylene Chloride	ND(0.0063) [ND(0.0064)]	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0067)	NA	NA
Propionitrile	ND(0.013) [ND(0.013)]	ND(0.011) J	ND(0.011)	ND(0.011)	ND(0.013)	NA	NA
Styrene	ND(0.0063) [ND(0.0064)]	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0067)	NA	NA
Tetrachloroethene	ND(0.0063) [ND(0.0064)]	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0067)	NA	NA
Toluene	ND(0.0063) [ND(0.0064)]	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0067)	NA	NA
trans-1,2-Dichloroethene	ND(0.0063) [ND(0.0064)]	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0067)	NA	NA
trans-1,3-Dichloropropene	ND(0.0063) [ND(0.0064)]	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0067)	NA	NA
trans-1,4-Dichloro-2-butene	ND(0.0063) [ND(0.0064)]	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0067)	NA	NA
Trichloroethene	ND(0.0063) [ND(0.0064)]	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0067)	NA	NA
Trichlorofluoromethane	ND(0.13) J [ND(0.0064) J]	ND(0.0055)	ND(0.0056) J	ND(0.0055) J	ND(0.0067) J	NA	NA
Vinyl Acetate	ND(0.0063) [ND(0.0064) J]	ND(0.0055)	ND(0.0056) J	ND(0.0055) J	ND(0.0067) J	NA	NA
Vinyl Chloride	ND(0.0063) [ND(0.0064)]	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0067)	NA	NA
Xylenes (total)	ND(0.0063) [ND(0.0064)]	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0067)	NA	NA
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
1,2,4-Trichlorobenzene	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
1,2-Dichlorobenzene	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
1,2-Diphenylhydrazine	ND(0.42) J [ND(0.43) J]	ND(0.37)	ND(0.41) J	ND(0.36) J	NA	ND(0.45) J	ND(0.46) J
1,3,5-Trinitrobenzene	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
1,3-Dichlorobenzene	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
1,3-Dinitrobenzene	ND(0.85) [ND(0.86)]	ND(0.74)	ND(0.76)	ND(0.74)	NA	ND(0.90)	ND(0.93)
1,4-Dichlorobenzene	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
1,4-Naphthoquinone	ND(0.85) [ND(0.86)]	ND(0.74)	ND(0.76)	ND(0.74)	NA	ND(0.90)	ND(0.93)
1-Naphthylamine	ND(0.85) [ND(0.86)]	ND(0.74)	ND(0.76)	ND(0.74)	NA	ND(0.90)	ND(0.93)
2,3,4,6-Tetrachlorophenol	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-Y4 1-3 08/21/02	RAA12-Z3 0-1 08/15/02	RAA12-Z4 0-1 08/21/02	RAA12-Z4 1-3 08/21/02	RAA12-Z4 3-4 08/21/02	RAA12-Z4 3-6 08/21/02	RAA12-Z4 6-10 08/21/02
Semivolatile Organics (continued)							
2,4,5-Trichlorophenol	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
2,4,6-Trichlorophenol	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
2,4-Dichlorophenol	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
2,4-Dimethylphenol	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
2,4-Dinitrophenol	ND(2.2) [ND(2.2)]	ND(1.9)	ND(2.1)	ND(1.9)	NA	ND(2.3)	ND(2.4)
2,4-Dinitrotoluene	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
2,6-Dichlorophenol	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
2,6-Dinitrotoluene	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
2-Acetylaminofluorene	ND(0.85) [ND(0.86)]	ND(0.74)	ND(0.76)	ND(0.74)	NA	ND(0.90)	ND(0.93)
2-Chloronaphthalene	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
2-Chlorophenol	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
2-Methylnaphthalene	ND(0.42) [0.11 J]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
2-Methylphenol	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
2-Naphthylamine	ND(0.85) [ND(0.86)]	ND(0.74)	ND(0.76)	ND(0.74)	NA	ND(0.90)	ND(0.93)
2-Nitroaniline	ND(2.2) [ND(2.2)]	ND(1.9)	ND(2.1)	ND(1.9)	NA	ND(2.3)	ND(2.4)
2-Nitrophenol	ND(0.85) [ND(0.86)]	ND(0.74)	ND(0.76)	ND(0.74)	NA	ND(0.90)	ND(0.93)
2-Picoline	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
3&4-Methylphenol	ND(0.85) [ND(0.86)]	ND(0.74)	ND(0.76)	ND(0.74)	NA	ND(0.90)	ND(0.93)
3,3'-Dichlorobenzidine	ND(0.85) [ND(0.86)]	ND(0.74)	ND(0.83)	ND(0.74)	NA	ND(0.90)	ND(0.93)
3,3'-Dimethylbenzidine	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
3-Methylcholanthrene	ND(0.85) [ND(0.86)]	ND(0.74)	ND(0.76)	ND(0.74)	NA	ND(0.90)	ND(0.93)
3-Nitroaniline	ND(2.2) [ND(2.2)]	ND(1.9)	ND(2.1)	ND(1.9)	NA	ND(2.3)	ND(2.4)
4,6-Dinitro-2-methylphenol	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
4-Aminobiphenyl	ND(0.85) [ND(0.86)]	ND(0.74) J	ND(0.76)	ND(0.74)	NA	ND(0.90)	ND(0.93)
4-Bromophenyl-phenylether	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
4-Chloro-3-Methylphenol	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
4-Chloroaniline	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
4-Chlorobenzilate	ND(0.85) J [ND(0.86) J]	ND(0.74)	ND(0.76) J	ND(0.74) J	NA	ND(0.90) J	ND(0.93) J
4-Chlorophenyl-phenylether	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
4-Nitroaniline	ND(2.2) [ND(2.2)]	ND(1.9)	ND(1.9)	ND(1.9)	NA	ND(2.3)	ND(2.4)
4-Nitrophenol	ND(2.2) [ND(2.2)]	ND(1.9)	ND(2.1)	ND(1.9)	NA	ND(2.3)	ND(2.4)
4-Nitroquinoline-1-oxide	ND(0.85) [ND(0.86)]	ND(0.74)	ND(0.76)	ND(0.74)	NA	ND(0.90)	ND(0.93)
4-Phenylenediamine	ND(0.85) J [ND(0.86) J]	ND(0.74) J	ND(0.76) J	ND(0.74) J	NA	ND(0.90) J	ND(0.93) J
5-Nitro-o-toluidine	ND(0.85) [ND(0.86)]	ND(0.74) J	ND(0.76)	ND(0.74)	NA	ND(0.90)	ND(0.93)
7,12-Dimethylbenz(a)anthracene	ND(0.85) [ND(0.86)]	ND(0.74)	ND(0.76)	ND(0.74)	NA	ND(0.90)	ND(0.93)
a,a'-Dimethylphenethylamine	ND(0.85) [ND(0.86)]	ND(0.74) J	ND(0.76)	ND(0.74)	NA	ND(0.90)	ND(0.93)
Acenaphthene	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
Acenaphthylene	0.26 J [0.62]	ND(0.37)	0.13 J	ND(0.36)	NA	0.18 J	ND(0.46)
Acetophenone	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
Aniline	ND(0.42) [0.31 J]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
Anthracene	0.21 J [0.47]	ND(0.37)	0.26 J	ND(0.36)	NA	0.28 J	ND(0.46)
Aramite	ND(0.85) J [ND(0.86) J]	ND(0.74) J	ND(0.76) J	ND(0.74) J	NA	ND(0.90) J	ND(0.93) J
Benzidine	ND(0.85) J [ND(0.86) J]	ND(0.74)	ND(0.83) J	ND(0.74) J	NA	ND(0.90) J	ND(0.93) J
Benzo(a)anthracene	0.68 J [1.4 J]	1.2	0.76	0.075 J	NA	0.34 J	ND(0.46)
Benzo(a)pyrene	0.73 J [1.6 J]	0.83	0.64	ND(0.36)	NA	0.43 J	ND(0.46)
Benzo(b)fluoranthene	0.59 J [1.2 J]	0.91	0.59	0.089 J	NA	0.37 J	ND(0.46)
Benzo(g,h,i)perylene	0.59 J [1.1 J]	0.54	0.56	0.12 J	NA	0.75	ND(0.46)
Benzo(k)fluoranthene	0.50 J [1.1 J]	0.78	0.76	0.11 J	NA	0.31 J	ND(0.46)
Benzyl Alcohol	ND(0.85) [ND(0.86)]	ND(0.74)	ND(0.83)	ND(0.74)	NA	ND(0.90)	ND(0.93)
bis(2-Chloroethoxy)methane	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
bis(2-Chloroethyl)ether	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
bis(2-Chloroisopropyl)ether	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
bis(2-Ethylhexyl)phthalate	ND(0.42) [ND(0.42)]	ND(0.36)	ND(0.37)	ND(0.36)	NA	ND(0.44)	ND(0.46)
Butylbenzylphthalate	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
Chrysene	0.71 J [1.5 J]	1.1	0.88	0.11 J	NA	0.32 J	ND(0.46)
Diallate	ND(0.85) J [ND(0.86) J]	ND(0.74)	ND(0.76) J	ND(0.74) J	NA	ND(0.90) J	ND(0.93) J
Dibenzo(a,h)anthracene	0.21 J [0.46]	ND(0.37)	0.18 J	ND(0.36)	NA	0.13 J	ND(0.46)
Dibenzofuran	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
Diethylphthalate	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
Dimethylphthalate	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
Di-n-Butylphthalate	0.26 J [0.22 J]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
Di-n-Octylphthalate	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
Diphenylamine	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
Ethyl Methanesulfonate	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
Fluoranthene	0.45 J [0.99 J]	1.7	1.2	0.089 J	NA	0.22 J	ND(0.46)

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

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

Parameter / Sample ID:	RAA12-Y4	RAA12-Z3	RAA12-Z4	RAA12-Z4	RAA12-Z4	RAA12-Z4	RAA12-Z4
Sample Depth(Feet):	1-3	0-1	0-1	1-3	3-4	3-6	6-10
Date Collected:	08/21/02	08/15/02	08/21/02	08/21/02	08/21/02	08/21/02	08/21/02
Semivolatile Organics (continued)							
Fluorene	ND(0.42) [0.11 J]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
Hexachlorobenzene	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
Hexachlorobutadiene	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
Hexachlorocyclopentadiene	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
Hexachloroethane	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
Hexachlorophene	ND(0.85) [ND(0.86)]	ND(0.74) J	ND(0.83)	ND(0.74)	NA	ND(0.90)	ND(0.93)
Hexachloropropene	ND(0.42) [ND(0.43)]	ND(0.37) J	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
Indeno(1,2,3-cd)pyrene	0.48 J [0.98 J]	0.54	0.51	0.085 J	NA	0.44 J	ND(0.46)
Isodrin	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
Isophorone	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
Isosafrole	ND(0.85) [ND(0.86)]	ND(0.74)	ND(0.76)	ND(0.74)	NA	ND(0.90)	ND(0.93)
Methapyrilene	ND(0.85) [ND(0.86)]	ND(0.74)	ND(0.76)	ND(0.74)	NA	ND(0.90)	ND(0.93)
Methyl Methanesulfonate	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
Naphthalene	0.12 J [0.23 J]	ND(0.37)	ND(0.41)	ND(0.36)	NA	0.14 J	ND(0.46)
Nitrobenzene	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
N-Nitrosodiethylamine	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
N-Nitrosodimethylamine	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
N-Nitroso-di-n-butylamine	ND(0.85) [ND(0.86)]	ND(0.74)	ND(0.76)	ND(0.74)	NA	ND(0.90)	ND(0.93)
N-Nitroso-di-n-propylamine	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
N-Nitrosodiphenylamine	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
N-Nitrosomethylethylamine	ND(0.85) [ND(0.86)]	ND(0.74)	ND(0.76)	ND(0.74)	NA	ND(0.90)	ND(0.93)
N-Nitrosomorpholine	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
N-Nitrosopiperidine	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
N-Nitrosopyrrolidine	ND(0.85) J [ND(0.86) J]	ND(0.74) J	ND(0.76) J	ND(0.74) J	NA	ND(0.90) J	ND(0.93) J
o,o,o-Triethylphosphorothioate	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
o-Toluidine	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
p-Dimethylaminoazobenzene	ND(0.85) [ND(0.86)]	ND(0.74)	ND(0.76)	ND(0.74)	NA	ND(0.90)	ND(0.93)
Pentachlorobenzene	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
Pentachloroethane	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
Pentachloronitrobenzene	ND(0.85) [ND(0.86)]	ND(0.74)	ND(0.76)	ND(0.74)	NA	ND(0.90)	ND(0.93)
Pentachlorophenol	ND(2.2) [ND(2.2)]	ND(1.9)	ND(2.1)	ND(1.9)	NA	ND(2.3)	ND(2.4)
Phenacetin	ND(0.85) [ND(0.86)]	ND(0.74)	ND(0.76)	ND(0.74)	NA	ND(0.90)	ND(0.93)
Phenanthrene	0.22 J [0.46]	1.3	0.52	ND(0.36)	NA	0.14 J	ND(0.46)
Phenol	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
Pronamide	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
Pyrene	0.85 J [1.7 J]	3.6	1.6	0.18 J	NA	0.40 J	ND(0.46)
Pyridine	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
Safrole	ND(0.42) [ND(0.43)]	ND(0.37)	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)
Thionazin	ND(0.42) J [ND(0.43) J]	ND(0.37)	ND(0.41) J	ND(0.36) J	NA	ND(0.45) J	ND(0.46) J
Organochlorine Pesticides							
4,4'-DDD	NA	NA	NA	ND(0.055)	NA	NA	ND(0.070)
4,4'-DDE	NA	NA	NA	ND(0.055)	NA	NA	ND(0.070)
4,4'-DDT	NA	NA	NA	ND(0.055)	NA	NA	ND(0.070)
Aldrin	NA	NA	NA	ND(0.027)	NA	NA	ND(0.035)
Alpha-BHC	NA	NA	NA	ND(0.027)	NA	NA	ND(0.035)
Alpha-Chlordane	NA	NA	NA	ND(0.027)	NA	NA	ND(0.035)
Beta-BHC	NA	NA	NA	ND(0.027)	NA	NA	ND(0.035)
Delta-BHC	NA	NA	NA	ND(0.027)	NA	NA	ND(0.035)
Dieldrin	NA	NA	NA	ND(0.055)	NA	NA	ND(0.070)
Endosulfan I	NA	NA	NA	ND(0.055)	NA	NA	ND(0.070)
Endosulfan II	NA	NA	NA	ND(0.055)	NA	NA	ND(0.070)
Endosulfan Sulfate	NA	NA	NA	ND(0.055)	NA	NA	ND(0.070)
Endrin	NA	NA	NA	ND(0.055)	NA	NA	ND(0.070)
Endrin Aldehyde	NA	NA	NA	ND(0.055)	NA	NA	ND(0.070)
Endrin Ketone	NA	NA	NA	ND(0.055)	NA	NA	ND(0.070)
Gamma-BHC (Lindane)	NA	NA	NA	ND(0.027)	NA	NA	ND(0.035)
Gamma-Chlordane	NA	NA	NA	ND(0.027)	NA	NA	ND(0.035)
Heptachlor	NA	NA	NA	ND(0.027)	NA	NA	ND(0.035)
Heptachlor Epoxide	NA	NA	NA	ND(0.027)	NA	NA	ND(0.035)
Kepone	NA	NA	NA	ND(0.36)	NA	NA	ND(0.46)
Methoxychlor	NA	NA	NA	ND(0.27)	NA	NA	ND(0.35)
Technical Chlordane	NA	NA	NA	ND(0.46)	NA	NA	ND(0.58)
Toxaphene	NA	NA	NA	ND(0.46)	NA	NA	ND(0.58)

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-Y4 1-3 08/21/02	RAA12-Z3 0-1 08/15/02	RAA12-Z4 0-1 08/21/02	RAA12-Z4 1-3 08/21/02	RAA12-Z4 3-4 08/21/02	RAA12-Z4 3-6 08/21/02	RAA12-Z4 6-10 08/21/02
Organophosphate Pesticides							
Dimethoate	NA	NA	NA	ND(1.9)	NA	NA	ND(2.4)
Disulfoton	NA	NA	NA	ND(0.74)	NA	NA	ND(0.93)
Ethyl Parathion	NA	NA	NA	ND(0.74)	NA	NA	ND(0.93)
Famphur	NA	NA	NA	ND(0.36)	NA	NA	ND(0.46)
Methyl Parathion	NA	NA	NA	ND(0.74)	NA	NA	ND(0.93)
Phorate	NA	NA	NA	ND(0.74)	NA	NA	ND(0.93)
Sulfotep	NA	NA	NA	ND(0.74)	NA	NA	ND(0.93)
Herbicides							
2,4,5-T	NA	NA	NA	ND(0.35)	NA	NA	ND(0.44)
2,4,5-TP	NA	NA	NA	ND(0.35)	NA	NA	ND(0.44)
2,4-D	NA	NA	NA	ND(0.80)	NA	NA	ND(0.80)
Dinoseb	NA	NA	NA	ND(0.36)	NA	NA	ND(0.46)
Furans							
2,3,7,8-TCDF	0.000048 Y [0.000060 YQ]	0.000030 YQ	0.000035 Y	0.000028 Y	NA	0.000034 Y	ND(0.00000040)
TCDFs (total)	0.00033 [0.00040]	0.00023 QI	0.00031 I	0.00020	NA	0.000053	ND(0.00000040)
1,2,3,7,8-PeCDF	0.000027 J [0.000046 J]	0.000011 Q	0.000017	0.000011	NA	0.000020	ND(0.00000064)
2,3,4,7,8-PeCDF	0.000060 [0.000073]	0.000028 Q	0.000090	0.000038	NA	0.000026	ND(0.00000064)
PeCDFs (total)	0.00044 Q [0.00058 Q]	0.00026 Q	0.0011 I	0.00042	NA	0.00032 Q	ND(0.00000064)
1,2,3,4,7,8-HxCDF	0.000055 [0.000081]	0.000024	0.00012	0.000042	NA	0.000050	ND(0.00000064)
1,2,3,6,7,8-HxCDF	0.000027 [0.000042]	0.000013	0.000042	0.000016	NA	0.000020	ND(0.00000064)
1,2,3,7,8,9-HxCDF	0.000017 [0.000021]	0.0000056 Q	0.000037	0.000010	NA	0.0000090	ND(0.00000064)
2,3,4,6,7,8-HxCDF	0.000045 [0.000052]	0.000036	0.00018	0.000045	NA	0.000039	ND(0.00000064)
HxCDFs (total)	0.00048 [0.00059]	0.00050 Q	0.0032	0.00072	NA	0.00055	0.00000062
1,2,3,4,6,7,8-HpCDF	0.00010 [0.00013]	0.000076	0.00027	0.000096	NA	0.000086	0.00000034 J
1,2,3,4,7,8,9-HpCDF	0.000018 [0.000022]	0.0000096	0.000064	0.000018	NA	0.000020	ND(0.00000064)
HpCDFs (total)	0.00021 [0.00025]	0.00018	0.00076	0.00023	NA	0.00018	0.00000034
OCDF	0.00011 [0.00012]	0.000054	0.00016	0.000064	NA	0.000091	ND(0.0000013)
Dioxins							
2,3,7,8-TCDD	0.0000018 J [0.0000016 J]	0.00000075 J	0.0000011 J	ND(0.00000069) X	NA	0.00000062 J	ND(0.00000051)
TCDDs (total)	0.000022 [0.000025]	0.000015	0.000022	0.0000085	NA	0.0000050	ND(0.00000095)
1,2,3,7,8-PeCDD	0.0000056 J [0.0000061]	0.0000038	0.000012	0.0000039 J	NA	0.0000040	ND(0.00000064)
PeCDDs (total)	0.000051 [0.000057 Q]	0.000032 Q	0.00012 Q	0.000038	NA	0.000034 Q	ND(0.0000010)
1,2,3,4,7,8-HxCDD	0.0000055 J [0.0000064]	0.0000047	0.000012	0.0000042 J	NA	0.0000030 J	ND(0.00000064)
1,2,3,6,7,8-HxCDD	0.000013 [0.000014]	0.000012	0.000025	0.0000073	NA	0.0000068	ND(0.00000064)
1,2,3,7,8,9-HxCDD	0.0000091 [0.0000093]	0.0000095	0.000017	0.0000056	NA	0.0000051	ND(0.00000064)
HxCDDs (total)	0.00012 [0.00014]	0.00012 Q	0.00037	0.00012	NA	0.000084	ND(0.00000064)
1,2,3,4,6,7,8-HpCDD	0.00010 [0.00012]	0.00018	0.000093	0.000055	NA	0.000039	ND(0.00000052) X
HpCDDs (total)	0.00017 [0.00019]	0.00031	0.00020	0.00010	NA	0.000076	ND(0.00000064)
OCDD	0.00063 [0.00070]	0.00095	0.00040	0.00026	NA	0.00021	ND(0.0000021) X
Total TEQs (WHO TEFs)	0.000063 [0.000078]	0.000035	0.00011	0.000041	NA	0.000037	0.0000010
Inorganics							
Antimony	2.70 J [44.0 J]	1.20 B	4.00 J	4.60 J	NA	6.60 J	ND(6.00) J
Arsenic	7.00 [9.50]	7.20	11.0	12.0	NA	17.0	2.50
Barium	140 J [200 J]	360	310 J	440 J	NA	580 J	39.0 J
Beryllium	0.470 B [0.490 B]	0.280 B	0.460 B	0.480 B	NA	0.560	0.340 B
Cadmium	2.00 [2.10]	2.70	2.40	2.70	NA	6.80	0.410 B
Chromium	37.0 [28.0]	19.0	19.0	21.0	NA	78.0	9.60
Cobalt	6.60 [6.50]	6.80	12.0	8.90	NA	15.0	7.70
Copper	760 [520]	180	120	86.0	NA	190	10.0
Cyanide	ND(0.130) [ND(0.130)]	0.680	0.760	0.470	NA	1.60	ND(0.140)
Lead	560 J [21000 J]	1300	610 J	440 J	NA	730 J	6.10 J
Mercury	0.700 [0.630]	0.200	0.540	0.260	NA	0.820	ND(0.140)
Nickel	20.0 [16.0]	16.0	24.0	20.0	NA	34.0	12.0
Selenium	0.730 B [0.790 B]	1.10	1.50	1.50	NA	2.90	ND(1.00)
Silver	ND(1.00) [0.880 B]	0.860 B	ND(1.00)	ND(1.00)	NA	ND(1.00)	ND(1.00)
Sulfide	45.0 [54.0]	11.0	18.0	90.0	NA	73.0	130
Thallium	ND(1.30) [ND(1.30)]	ND(1.60)	ND(1.10)	ND(1.10)	NA	ND(1.30)	ND(1.40)
Tin	90.0 [100]	26.0	100	380	NA	530	5.00 B
Vanadium	20.0 J [38.0 J]	20.0	20.0 J	20.0 J	NA	19.0 J	10.0 J
Zinc	680 J [380 J]	510	460 J	2100 J	NA	1900 J	52.0 J

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-Z4 8-10 08/21/02	RAA12-Z4 10-12 08/21/02	RAA12-Z4 10-15 08/21/02
Volatile Organics			
1,1,1,2-Tetrachloroethane	ND(0.0070)	ND(0.0063)	NA
1,1,1-Trichloroethane	ND(0.0070)	ND(0.0063)	NA
1,1,2,2-Tetrachloroethane	ND(0.0070)	ND(0.0063)	NA
1,1,2-Trichloroethane	ND(0.0070)	ND(0.0063)	NA
1,1-Dichloroethane	ND(0.0070)	ND(0.0063)	NA
1,1-Dichloroethene	ND(0.0070)	ND(0.0063)	NA
1,2,3-Trichloropropane	ND(0.0070)	ND(0.0063)	NA
1,2-Dibromo-3-chloropropane	ND(0.0070)	ND(0.0063)	NA
1,2-Dibromoethane	ND(0.0070)	ND(0.0063)	NA
1,2-Dichloroethane	ND(0.0070) J	ND(0.0063) J	NA
1,2-Dichloropropane	ND(0.0070)	ND(0.0063)	NA
1,4-Dioxane	ND(0.14) J	ND(0.12) J	NA
2-Butanone	ND(0.014)	ND(0.012)	NA
2-Chloro-1,3-butadiene	ND(0.0070)	ND(0.0063)	NA
2-Chloroethylvinylether	ND(0.0070)	ND(0.0063)	NA
2-Hexanone	ND(0.014)	ND(0.012)	NA
3-Chloropropene	ND(0.0070)	ND(0.0063)	NA
4-Methyl-2-pentanone	ND(0.014)	ND(0.012)	NA
Acetone	ND(0.028)	ND(0.025)	NA
Acetonitrile	ND(0.14)	ND(0.12)	NA
Acrolein	ND(0.14) J	ND(0.12) J	NA
Acrylonitrile	ND(0.0070)	ND(0.0063)	NA
Benzene	ND(0.0070)	ND(0.0063)	NA
Bromodichloromethane	ND(0.0070)	ND(0.0063)	NA
Bromoform	ND(0.0070)	ND(0.0063)	NA
Bromomethane	ND(0.0070)	ND(0.0063)	NA
Carbon Disulfide	ND(0.0070) J	ND(0.0063) J	NA
Carbon Tetrachloride	ND(0.0070)	ND(0.0063)	NA
Chlorobenzene	ND(0.0070)	ND(0.0063)	NA
Chloroethane	ND(0.0070)	ND(0.0063)	NA
Chloroform	ND(0.0070)	ND(0.0063)	NA
Chloromethane	ND(0.0070)	ND(0.0063)	NA
cis-1,3-Dichloropropene	ND(0.0070)	ND(0.0063)	NA
Dibromochloromethane	ND(0.0070)	ND(0.0063)	NA
Dibromomethane	ND(0.0070)	ND(0.0063)	NA
Dichlorodifluoromethane	ND(0.0070) J	ND(0.0063) J	NA
Ethyl Methacrylate	ND(0.0070)	ND(0.0063)	NA
Ethylbenzene	ND(0.0070)	ND(0.0063)	NA
Iodomethane	ND(0.0070)	ND(0.0063)	NA
Isobutanol	ND(0.14)	ND(0.12)	NA
Methacrylonitrile	ND(0.0070)	ND(0.0063)	NA
Methyl Methacrylate	ND(0.0070)	ND(0.0063)	NA
Methylene Chloride	ND(0.0070)	ND(0.0063)	NA
Propionitrile	ND(0.014)	ND(0.012)	NA
Styrene	ND(0.0070)	ND(0.0063)	NA
Tetrachloroethene	ND(0.0070)	ND(0.0063)	NA
Toluene	ND(0.0070)	ND(0.0063)	NA
trans-1,2-Dichloroethene	ND(0.0070)	ND(0.0063)	NA
trans-1,3-Dichloropropene	ND(0.0070)	ND(0.0063)	NA
trans-1,4-Dichloro-2-butene	ND(0.0070)	ND(0.0063)	NA
Trichloroethene	ND(0.0070)	ND(0.0063)	NA
Trichlorofluoromethane	ND(0.0070) J	ND(0.0063) J	NA
Vinyl Acetate	ND(0.0070) J	ND(0.0063) J	NA
Vinyl Chloride	ND(0.0070)	ND(0.0063)	NA
Xylenes (total)	ND(0.0070)	ND(0.0063)	NA
Semivolatile Organics			
1,2,4,5-Tetrachlorobenzene	NA	NA	ND(0.42)
1,2,4-Trichlorobenzene	NA	NA	ND(0.42)
1,2-Dichlorobenzene	NA	NA	ND(0.42)
1,2-Diphenylhydrazine	NA	NA	ND(0.42)
1,3,5-Trinitrobenzene	NA	NA	ND(0.42)
1,3-Dichlorobenzene	NA	NA	ND(0.42)
1,3-Dinitrobenzene	NA	NA	ND(0.84)
1,4-Dichlorobenzene	NA	NA	ND(0.42)
1,4-Naphthoquinone	NA	NA	ND(0.84)
1-Naphthylamine	NA	NA	ND(0.84)
2,3,4,6-Tetrachlorophenol	NA	NA	ND(0.42)

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

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA12-Z4 8-10 08/21/02	RAA12-Z4 10-12 08/21/02	RAA12-Z4 10-15 08/21/02
Semivolatile Organics (continued)				
2,4,5-Trichlorophenol		NA	NA	ND(0.42)
2,4,6-Trichlorophenol		NA	NA	ND(0.42)
2,4-Dichlorophenol		NA	NA	ND(0.42)
2,4-Dimethylphenol		NA	NA	ND(0.42)
2,4-Dinitrophenol		NA	NA	ND(2.1)
2,4-Dinitrotoluene		NA	NA	ND(0.42)
2,6-Dichlorophenol		NA	NA	ND(0.42)
2,6-Dinitrotoluene		NA	NA	ND(0.42)
2-Acetylaminofluorene		NA	NA	ND(0.84)
2-Chloronaphthalene		NA	NA	ND(0.42)
2-Chlorophenol		NA	NA	ND(0.42)
2-Methylnaphthalene		NA	NA	ND(0.42)
2-Methylphenol		NA	NA	ND(0.42)
2-Naphthylamine		NA	NA	ND(0.84)
2-Nitroaniline		NA	NA	ND(2.1)
2-Nitrophenol		NA	NA	ND(0.84)
2-Picoline		NA	NA	ND(0.42)
3&4-Methylphenol		NA	NA	ND(0.84)
3,3'-Dichlorobenzidine		NA	NA	ND(0.84) J
3,3'-Dimethylbenzidine		NA	NA	ND(0.42) J
3-Methylcholanthrene		NA	NA	ND(0.84)
3-Nitroaniline		NA	NA	ND(2.1)
4,6-Dinitro-2-methylphenol		NA	NA	ND(0.42)
4-Aminobiphenyl		NA	NA	ND(0.84)
4-Bromophenyl-phenylether		NA	NA	ND(0.42)
4-Chloro-3-Methylphenol		NA	NA	ND(0.42)
4-Chloroaniline		NA	NA	ND(0.42)
4-Chlorobenzilate		NA	NA	ND(0.84)
4-Chlorophenyl-phenylether		NA	NA	ND(0.42)
4-Nitroaniline		NA	NA	ND(2.1)
4-Nitrophenol		NA	NA	ND(2.1)
4-Nitroquinoline-1-oxide		NA	NA	ND(0.84)
4-Phenylenediamine		NA	NA	ND(0.84) J
5-Nitro-o-toluidine		NA	NA	ND(0.84)
7,12-Dimethylbenz(a)anthracene		NA	NA	ND(0.84)
a,a'-Dimethylphenethylamine		NA	NA	ND(0.84)
Acenaphthene		NA	NA	ND(0.42)
Acenaphthylene		NA	NA	ND(0.42)
Acetophenone		NA	NA	ND(0.42)
Aniline		NA	NA	ND(0.42)
Anthracene		NA	NA	ND(0.42)
Aramite		NA	NA	ND(0.84) J
Benzidine		NA	NA	ND(0.84) J
Benzo(a)anthracene		NA	NA	ND(0.42)
Benzo(a)pyrene		NA	NA	ND(0.42)
Benzo(b)fluoranthene		NA	NA	ND(0.42)
Benzo(g,h,i)perylene		NA	NA	ND(0.42)
Benzo(k)fluoranthene		NA	NA	ND(0.42)
Benzyl Alcohol		NA	NA	ND(0.84) J
bis(2-Chloroethoxy)methane		NA	NA	ND(0.42)
bis(2-Chloroethyl)ether		NA	NA	ND(0.42)
bis(2-Chloroisopropyl)ether		NA	NA	ND(0.42)
bis(2-Ethylhexyl)phthalate		NA	NA	ND(0.42)
Butylbenzylphthalate		NA	NA	ND(0.42)
Chrysene		NA	NA	ND(0.42)
Diallate		NA	NA	ND(0.84)
Dibenzo(a,h)anthracene		NA	NA	ND(0.42)
Dibenzofuran		NA	NA	ND(0.42)
Diethylphthalate		NA	NA	ND(0.42)
Dimethylphthalate		NA	NA	ND(0.42)
Di-n-Butylphthalate		NA	NA	0.097 J
Di-n-Octylphthalate		NA	NA	ND(0.42)
Diphenylamine		NA	NA	ND(0.42)
Ethyl Methanesulfonate		NA	NA	ND(0.42)
Fluoranthene		NA	NA	ND(0.42)

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

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

Parameter / Sample ID:	RAA12-Z4	RAA12-Z4	RAA12-Z4
Sample Depth(Feet):	8-10	10-12	10-15
Date Collected:	08/21/02	08/21/02	08/21/02
Semivolatile Organics (continued)			
Fluorene	NA	NA	ND(0.42)
Hexachlorobenzene	NA	NA	ND(0.42)
Hexachlorobutadiene	NA	NA	ND(0.42)
Hexachlorocyclopentadiene	NA	NA	ND(0.42)
Hexachloroethane	NA	NA	ND(0.42)
Hexachlorophene	NA	NA	ND(0.84) J
Hexachloropropene	NA	NA	ND(0.42)
Indeno(1,2,3-cd)pyrene	NA	NA	ND(0.42)
Isodrin	NA	NA	ND(0.42)
Isophorone	NA	NA	ND(0.42)
Isosafrole	NA	NA	ND(0.84) J
Methapyrilene	NA	NA	ND(0.84)
Methyl Methanesulfonate	NA	NA	ND(0.42)
Naphthalene	NA	NA	ND(0.42)
Nitrobenzene	NA	NA	ND(0.42)
N-Nitrosodiethylamine	NA	NA	ND(0.42)
N-Nitrosodimethylamine	NA	NA	ND(0.42)
N-Nitroso-di-n-butylamine	NA	NA	ND(0.84)
N-Nitroso-di-n-propylamine	NA	NA	ND(0.42)
N-Nitrosodiphenylamine	NA	NA	ND(0.42)
N-Nitrosomethylethylamine	NA	NA	ND(0.84)
N-Nitrosomorpholine	NA	NA	ND(0.42)
N-Nitrosopiperidine	NA	NA	ND(0.42)
N-Nitrosopyrrolidine	NA	NA	ND(0.84) J
o,o,o-Triethylphosphorothioate	NA	NA	ND(0.42)
o-Toluidine	NA	NA	ND(0.42)
p-Dimethylaminoazobenzene	NA	NA	ND(0.84)
Pentachlorobenzene	NA	NA	ND(0.42)
Pentachloroethane	NA	NA	ND(0.42)
Pentachloronitrobenzene	NA	NA	ND(0.84)
Pentachlorophenol	NA	NA	ND(2.1)
Phenacetin	NA	NA	ND(0.84)
Phenanthrene	NA	NA	ND(0.42)
Phenol	NA	NA	ND(0.42)
Pronamide	NA	NA	ND(0.42)
Pyrene	NA	NA	ND(0.42)
Pyridine	NA	NA	ND(0.42)
Safrole	NA	NA	ND(0.42)
Thionazin	NA	NA	ND(0.42) J
Organochlorine Pesticides			
4,4'-DDD	NA	NA	ND(0.063)
4,4'-DDE	NA	NA	ND(0.063)
4,4'-DDT	NA	NA	ND(0.063)
Aldrin	NA	NA	ND(0.031)
Alpha-BHC	NA	NA	ND(0.031)
Alpha-Chlordane	NA	NA	ND(0.031)
Beta-BHC	NA	NA	ND(0.031)
Delta-BHC	NA	NA	ND(0.031)
Dieldrin	NA	NA	ND(0.063)
Endosulfan I	NA	NA	ND(0.063)
Endosulfan II	NA	NA	ND(0.063)
Endosulfan Sulfate	NA	NA	ND(0.063)
Endrin	NA	NA	ND(0.063)
Endrin Aldehyde	NA	NA	ND(0.063)
Endrin Ketone	NA	NA	ND(0.063)
Gamma-BHC (Lindane)	NA	NA	ND(0.031)
Gamma-Chlordane	NA	NA	ND(0.031)
Heptachlor	NA	NA	ND(0.031)
Heptachlor Epoxide	NA	NA	ND(0.031)
Kepone	NA	NA	ND(0.42)
Methoxychlor	NA	NA	ND(0.31)
Technical Chlordane	NA	NA	ND(0.52)
Toxaphene	NA	NA	ND(0.52)

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-Z4 8-10 08/21/02	RAA12-Z4 10-12 08/21/02	RAA12-Z4 10-15 08/21/02
Organophosphate Pesticides			
Dimethoate	NA	NA	ND(2.1)
Disulfoton	NA	NA	ND(0.84)
Ethyl Parathion	NA	NA	ND(0.84)
Famphur	NA	NA	ND(0.42)
Methyl Parathion	NA	NA	ND(0.84)
Phorate	NA	NA	ND(0.84)
Sulfotep	NA	NA	ND(0.84)
Herbicides			
2,4,5-T	NA	NA	ND(0.40)
2,4,5-TP	NA	NA	ND(0.40)
2,4-D	NA	NA	ND(0.80)
Dinoseb	NA	NA	ND(0.42)
Furans			
2,3,7,8-TCDF	NA	NA	ND(0.0000012)
TCDFs (total)	NA	NA	ND(0.0000012)
1,2,3,7,8-PeCDF	NA	NA	ND(0.0000030)
2,3,4,7,8-PeCDF	NA	NA	ND(0.0000030)
PeCDFs (total)	NA	NA	ND(0.0000030)
1,2,3,4,7,8-HxCDF	NA	NA	ND(0.0000030)
1,2,3,6,7,8-HxCDF	NA	NA	ND(0.0000030)
1,2,3,7,8,9-HxCDF	NA	NA	ND(0.0000030)
2,3,4,6,7,8-HxCDF	NA	NA	ND(0.0000030)
HxCDFs (total)	NA	NA	ND(0.0000030)
1,2,3,4,6,7,8-HpCDF	NA	NA	ND(0.0000030)
1,2,3,4,7,8,9-HpCDF	NA	NA	ND(0.0000030)
HpCDFs (total)	NA	NA	ND(0.0000030)
OCDF	NA	NA	ND(0.0000060)
Dioxins			
2,3,7,8-TCDD	NA	NA	ND(0.0000014)
TCDDs (total)	NA	NA	ND(0.0000043)
1,2,3,7,8-PeCDD	NA	NA	ND(0.0000030)
PeCDDs (total)	NA	NA	ND(0.0000050)
1,2,3,4,7,8-HxCDD	NA	NA	ND(0.0000030)
1,2,3,6,7,8-HxCDD	NA	NA	ND(0.0000030)
1,2,3,7,8,9-HxCDD	NA	NA	ND(0.0000030)
HxCDDs (total)	NA	NA	ND(0.0000083)
1,2,3,4,6,7,8-HpCDD	NA	NA	ND(0.0000030)
HpCDDs (total)	NA	NA	ND(0.0000030)
OCDD	NA	NA	ND(0.0000075) X
Total TEQs (WHO TEFs)	NA	NA	0.0000042
Inorganics			
Antimony	NA	NA	ND(6.00) J
Arsenic	NA	NA	2.10
Barium	NA	NA	19.0 J
Beryllium	NA	NA	0.210 B
Cadmium	NA	NA	0.320 B
Chromium	NA	NA	9.20
Cobalt	NA	NA	5.60
Copper	NA	NA	8.90
Cyanide	NA	NA	ND(0.120)
Lead	NA	NA	4.70 J
Mercury	NA	NA	ND(0.120)
Nickel	NA	NA	9.40
Selenium	NA	NA	ND(1.00)
Silver	NA	NA	ND(1.00)
Sulfide	NA	NA	62.0
Thallium	NA	NA	ND(1.20)
Tin	NA	NA	4.70 B
Vanadium	NA	NA	7.90 J
Zinc	NA	NA	35.0 J

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

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA 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, 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. NA - Not Analyzed - Laboratory did not report results for this analyte.
5. Field duplicate sample results are presented in brackets.
6. 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.

Data Qualifiers:

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

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.
R - Data was rejected due to a deficiency in the data generation process.
X - Estimated maximum possible concentration.
Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.

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.